

**HEARTLAND**

**ENVIRONMENTAL ASSOCIATES INC.**

## **PHASE II ENVIRONMENTAL SITE ASSESSMENT**

**USEPA Community-Wide Brownfields Assessment Grant for Assessment of**

**Genesis Convention Center Property**

**Phase II Environmental Site Assessment Project**

**Grantee:**

City of Gary, Indiana

c/o Office of Sustainability & Environmental Affairs Division

Attn: Ms. Brenda Scott - Henry

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Gary, Indiana 46402

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Heartland Project #5113-24-07

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**For the Site:**

Genesis Convention Center Property  
401 Adams Street  
Gary, Indiana 46402  
Heartland Project #5113-24-07  
Indiana Brownfields Program Site #4230905

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## 1.0 INTRODUCTION

Within the scope of the United States Environmental Protection Agency (USEPA) Community-Wide Brownfields Assessment Grant provided to the City of Gary (City), this Phase II Environmental Site Assessment (Phase II ESA) report has been prepared to document the assessment of the Genesis Convention Center Property located at 401 Adams Street in Gary, Lake County, Indiana, herein referred to as ‘site’.

The City has leveraged its USEPA Community-Wide Brownfields Assessment Grant (Grant #4B00E03203) to facilitate Phase II ESA activities at this facility. The purpose of this Phase II ESA was to conduct a site assessment to evaluate for the presence and/or absence of chemical impacts to soil, groundwater and/or soil-gas which may be present and attributable to historic onsite operations which included a variety of commercial businesses (including historical automobile service and repair garages, gasoline filling stations, vulcanizers, and several different locations with laundries (including “Chinese laundries”), dry cleaners and dyers), as well as historical offsite commercial operations conducted in close proximity to the site, which included commercial gasoline filling stations, laundries and cleaners. These offsite properties included historical dry cleaners which were located to the south and potentially upgradient of the site. Heartland Environmental Associates, Inc. (Heartland) has prepared this report to document the following activities:

- Soil boring advancement and temporary piezometer installation completed on June 4 and June 5, 2024;
- Soil sampling completed on June 4 and June 5, 2024;
- Groundwater sampling completed on June 5, 2024; and
- Soil-gas sampling completed on June 4 and June 5, 2024.

Site activities have been completed under the USEPA Community-Wide Brownfields Assessment Grant provided to the City. Site activities were completed in accordance with the pre-approved, grant specific Quality Assurance Project Plan (QAPP) (approved September 2023) and the Sampling and Analysis Plan (SAP) submitted to the USEPA in February 2024 for this project.

The assessment area consists of a presently unoccupied, two-story convention center building encompassing approximately 109,392-square feet with an associated four-story parking garage structure encompassing approximately 66,280-square feet, with associated asphalt and concrete paved parking lots and driveways and landscaped areas. The convention center building is situated on the central and southwestern portions of the subject property and the parking garage structure is situated on the northwestern corner of the subject property. The subject property is located on one (1) parcel of land (Parcel ID #45-08-04-282-001.000-004) situated on an area of approximately 6.46-acres. A site location map is provided as Figure 1. A site location map depicting the site and parcel boundaries is provided as Figure 2.

Based on a review of historical documentation, the site, in its current layout, was developed as the Genesis Convention Center in 1979. The present-day convention center property is bounded by West 4<sup>th</sup> Avenue to the north, West 5<sup>th</sup> Avenue to the south, Adams Street to the west and Broadway Street (State Road 53) to the east. Historically, this multi-block tract of land was developed for mixed residential and commercial purposes, with commercial development present on various portions of the subject property boundary dating back to at least 1908.

Historically (prior to the development of the convention center) commercial properties operated within the footprint of the present-day subject property parcel and included locations with automobile service and repair garages, gasoline filling stations, vulcanizers, and several different locations with laundries (including “Chinese laundries”), dry cleaners and dyers. These included locations with addresses on Adams Street, Washington Street (which historically bisected through the present-day subject property parcel footprint), Broadway Street, West 4<sup>th</sup> Avenue and West 5<sup>th</sup> Avenue. These operations were present on the subject property in various timeframes from at least 1915 through the early to mid-1970s, when the area was cleared for the development of the convention center.

Historically, the subject property has been surrounded by a mix of residential and commercial properties that progressively became more commercial over time.

Heartland, as part of environmental evaluation and due diligence site activities, conducted a Phase I ESA for the project site. Based on the findings of Heartland’s Phase I ESA dated February 19, 2024, the following Recognized Environmental Conditions (RECs) were identified:

- *The subject property, in its current layout, was developed as the Genesis Convention Center in 1979. The present-day convention center property encompasses approximately 6.46-acres of land and is bounded by West 4<sup>th</sup> Avenue to the north, West 5<sup>th</sup> Avenue to the south, Adams Street to the west and Broadway Street (State Road 53) to the east. Historically, this multi-block tract of land was developed for mixed residential and commercial purposes, with commercial development present on various portions of the subject property boundary dating back to at least 1908.*

*A review of historical data sources, including city directories and Sanborn Fire Insurance Maps, indicates that commercial properties that operated within the footprint of the present-day subject property parcel included locations with automobile service and repair garages, gasoline filling stations, vulcanizers, and several different locations with laundries (including “Chinese laundries”), dry cleaners and dyers. These included locations with addresses on Adams Street, Washington Street (which historically bisected through the present-day subject property parcel footprint), Broadway Street, West 4<sup>th</sup> Avenue and West 5<sup>th</sup> Avenue. These operations were present on the subject property in various timeframes from at least 1915 through the early to mid-1970s, when the area was cleared for the development of the convention center.*

*Furthermore, a review of historical Sanborn Fire Insurance Maps indicates that several of these businesses operated underground storage tanks (USTs), including tanks that were identified as containing both gasoline and “solvents”. Limited information pertaining to historical UST*

*operations was available for review, and no documentation pertaining to the removal and/or sampling associated with historical onsite USTs was available within the files of the site owner or within the Indiana Department of Environmental Management (IDEM) databases.*

*The potential exists that previously unknown and/or unquantified releases and/or spills may have occurred associated with historical gasoline filling station, automobile service and repair garage and vulcanizer operations that may have adversely impacted the subject property parcel. Furthermore, historical cleaners and laundry operations as well as the operation of USTs in various portions of the subject property have the potential to have adversely impacted subsurface media throughout the subject property. Therefore, historical commercial operations on the subject property parcel that included gasoline service stations, automobile service and repair facilities, vulcanizers, cleaners and laundries with the associated utilization of USTs is considered an REC.*

*The potential for adverse chemical impact to subsurface media resulting from historical onsite operations, including the operation of USTs, further constitutes a Vapor Encroachment Condition (VEC) for the subject property.*

- *During the time of the site reconnaissance, the subject property was observed as operating one (1) 250-gallon aboveground storage tank (AST), utilized in the apparent operation of a backup generator. This AST was located in the boiler room, vented to the exterior of the building, and appeared to store diesel fuel.*

*Leakage and staining were observed on the ground surface surrounding the AST as well as on the AST itself. Further, staining was observed beneath the generator and continued beneath an exterior door and extended onto the ground surface located in the service courtyard and beyond the doorway. A second separate area of apparent fuel staining was observed immediately to the north of this area, also in the service courtyard, and along the exterior building wall. The fuel staining in both areas was primarily confined to concrete floor and concrete paved spaces; however, joints in the concrete were impacted and the potential exists that the fuel leakage seeped into the subsurface.*

*The potential exists that leakage and/or spillage associated with this AST has adversely impacted subsurface media; therefore, historical and present-day AST operation associated with this backup generator is considered an REC for the subject property.*

*The potential for adverse chemical impact to subsurface media resulting from historical and present-day AST operations further constitutes a VEC for the subject property.*

- *As stated above, the subject property was historically located in an area developed with numerous residential and commercial businesses, with commercial development in the area of the site dating back to at least 1908. A review of historical data resources, including city directories and Sanborn Fire Insurance Maps, indicates that numerous commercial businesses with the potential to have adverse impacts to subsurface media were operated in close proximity to the modern day subject property parcel. These included commercial gasoline filling stations, laundries and cleaners. These offsite properties included historical dry cleaners which were*

*located to the south and upgradient of the subject property (associated with the addresses of 31 West Fifth Avenue and 101 West Fifth Avenue) that operated in varying timeframes from the mid to late-1930's through the late-1960s.*

*Due to the close proximity of several of these businesses with respect to the subject property, the potential exists that chemical impacts, if present and attributable to historical operations at these offsite properties, may have migrated towards and adversely impacted the subject property parcel. Therefore, historical nearby commercial operations are considered an REC for the subject property.*

*The potential for adverse chemical impact to subsurface media resulting from historical offsite neighboring property operations further constitutes a VEC for the subject property.*

Based on the findings of this Phase I ESA, and after consultation with the City and the Indiana Brownfields Program (IBP) Project Manager, it was determined that a Phase II ESA should be conducted to evaluate for the presence and/or absence of chemical impacts to soil, groundwater and/or soil-gas which may be present and attributable to the RECs (both onsite and offsite) identified in the February 2024 Phase I ESA. This Phase II ESA was further recommended to evaluate whether a vapor encroachment condition (VEC) is present which may adversely impact redevelopment of the site parcel.

A copy of Heartland's Phase I ESA dated February 19, 2024, has been previously provided to the City, the IBP and the USEPA.

Heartland submitted its SAP, outlining the scope of work for the recommended Phase II ESA, in April 2024 to the USEPA. Prior to the submittal of the SAP, the site was given eligibility determination approval for utilization of USEPA Brownfields Assessment Grant funds from the Indiana Brownfields Program (approved in the Indiana Brownfields Program letter dated January 10, 2024). A copy of this eligibility determination letter can be provided upon request.



## 2.0 PHASE II ENVIRONMENTAL SITE ASSESSMENT

### 2.1 Soil Boring and Temporary Piezometer Installation

This Phase II ESA included the advancement of sixteen (16) soil borings (SB-1 through SB-16) and the sampling of soil, groundwater and soil-gas to evaluate for the presence and/or absence of chemical impacts to subsurface media. Soil borings were advanced along the perimeter of the site, in locations most feasible to access for sampling activities, and also in select locations within the interior portions of the site where access was able to be facilitated. It should be noted that the original scope of work called for the advancement of seventeen (17) soil borings; however, due to accessibility and utility constraints, one (1) proposed soil boring (proposed to be advanced on the northeast corner of the site) was not able to be advanced and was therefore removed from the sampling array.

From June 4 through June 5, 2024, Heartland personnel provided oversight for the advancement of sixteen (16) direct-push soil borings. The soil borings were advanced to a maximum depth of 18 feet below ground surface (bgs). Heartland contracted with Seratech Drilling & Exploration, LLC of South Bend, Indiana to advance the soil borings. A site map depicting soil boring locations is provided as Figure 3.

Soil sample intervals were continuously logged, and the soil lithology was described on Heartland boring logs. The soil samples were inspected for indications of chemical impacts, such as staining and odors. The soil samples collected from the borings were continuously screened for soil vapors using a pre-calibrated photo-ionization detector (PID) organic vapor monitor. Soil borings logs are included in Appendix A.

Two (2) soil samples were collected from each soil boring for laboratory analysis. Soil samples were collected from the initial encountered subsurface soil interval and at the interval exhibiting the highest field screening results or at the interval immediately above the first-encountered groundwater saturated zone.

Soil samples were submitted for laboratory analysis of volatile organic compounds (VOCs) using USEPA SW-846 Method 8260, polynuclear aromatic hydrocarbons (PAHs) using USEPA SW-846 Method 8270 via Selected Ion Monitoring (SIM) and lead using USEPA SW-846 Method 6010B. Soil samples submitted for VOC analysis were collected utilizing USEPA field sampling method 5035A.

All collected soil samples were placed into laboratory prepared sample containers and stored in a secured, iced cooler (at <6°C). Samples were transported to Pace Analytical Services, LLC (Pace) in Indianapolis, Indiana and submitted for laboratory analysis under Heartland's chain of custody protocol. Quality assurance/quality control (QA/QC) samples were collected for this sampling event in accordance with the QAPP.

After completion of soil sampling, each of the sixteen (16) soil borings were completed with temporary groundwater piezometers. These temporary groundwater piezometers were installed into the first encountered groundwater aquifer, which was encountered at a depth of approximately 13 to 14-feet bgs. After installation, the piezometers were allowed to stabilize prior to sampling.

## 2.2 Water Level Measurements and Groundwater Flow

On June 5, 2024, Heartland personnel measured and recorded the static water levels of the temporary groundwater piezometers using a Solinst Instruments Oil/Water Interface Meter. The interface probe was decontaminated between each measurement to help prevent cross-contamination. In addition to the gauging of the temporary piezometers, Heartland personnel surveyed the temporary piezometers to evaluate groundwater flow direction.

Based on the collected static groundwater level measurements, site-specific groundwater flow shows a flow direction trending to the south / southwest. It is noted that building footprint locations may be impacting the overall site-specific groundwater surface flow. A potentiometric surface flow map is provided as Figure 4 and the water level gauging data is summarized in Table 1.

In addition to static water level gauging, each temporary groundwater piezometer was gauged for the presence of light non-aqueous phase liquids (LNAPLs). Based on the results of the gauging, LNAPLs were not encountered in any of the temporary groundwater piezometers.

## 2.3 Groundwater Sampling

Temporary groundwater piezometers were sampled at the site utilizing dedicated, disposable sampling equipment. After gauging, dedicated, disposable sampling bailers were utilized to collect the groundwater samples.

Groundwater samples were submitted for laboratory analysis of VOCs using USEPA SW-846 Method 8260, PAHs using USEPA SW-846 Method 8270SIM and dissolved lead using USEPA SW-846 Method 6010B. Groundwater samples submitted for dissolved lead analysis were subject to laboratory filtration prior to sample extraction.

Groundwater samples were collected in laboratory prepared sample containers and placed in a secure, iced cooler (at <6°C). Groundwater samples were delivered to Pace in Indianapolis, Indiana, under Heartland chain-of-custody protocol. QA/QC samples were collected for this sampling event in accordance with the QAPP.

After completion of groundwater sampling, each of the sixteen (16) temporary piezometers were properly abandoned and each borehole was completed to match existing grade conditions.

## 2.4 Soil-Gas Sampling

From June 4 through June 5, 2024, Heartland personnel collected sixteen (16) soil-gas samples, which were co-located with the locations of the advanced soil borings. As part of the soil-gas sample collection activities, soil borings were advanced to a depth of approximately 5-feet bgs. The soil-gas samples were collected from dedicated sampling points extended from the direct push soil borings. A site map depicting the soil-gas sample locations is provided as Figure 3.

Soil-gas samples were collected in grab fashion utilizing batch certified clean 1-liter Summa<sup>®</sup> canisters fitted with calibrated flow regulators. The soil-gas samples were collected by connecting sampling ports directly to a collection regulator using dedicated disposable polyethylene tubing.

After collection, the soil-gas samples were transported to Microbac Laboratories, Inc. in Merrillville, Indiana and submitted for laboratory analysis under Heartland's chain of custody protocol. The soil-gas samples were submitted for analysis of VOCs using USEPA Method TO-15. Sampling was conducted in general accordance with the applicable procedures described in the USEPA Vapor Intrusion (VI) Guidance and the Indiana Department of Environmental Management (IDEM) Risk-based Closure Guide (R2).

Upon completion of soil-gas sampling, the sampling ports were removed, and the soil borings were finished to match existing grade.

## 2.5 Soil Analytical Results

Laboratory analytical results for soil samples were compared to the IDEM R2 Table 1 Published Levels (published July 8, 2022, and updated March 1, 2024) and are presented in Tables 2, 3 and 4 and depicted on Figure 5.

The laboratory certificate of analysis and chain-of-custody documentation for this soil sampling event is included in Appendix B.

### 2.5.1 Volatile Organic Compounds

VOC chemical constituent impacts were not encountered in any of the soil samples collected that exceeded IDEM R2 Short Term Excavation Soil Published Levels (XSPLs).

VOCs in soil analytical results are summarized in Table 2 and depicted on Figure 5.

### 2.5.2 Polynuclear Aromatic Hydrocarbons

Low level PAH chemical constituent impacts in the form of benzo(a)pyrene and

dibenz(a,h)anthracene were each encountered in two (2) soil borings (SB-12 and SB-13) from a depth of 1 to 3 feet bgs that slightly exceeded IDEM R2 Long Term Residential Soil Published Levels (SPLs).

Additionally, concentrations of benzo(a)pyrene were encountered in soil boring SB-12 from a depth of 11 to 13 feet bgs that exceeded IDEM R2 Long Term Residential SPLs. No other PAH chemical constituent concentrations were encountered that exceeded IDEM R2 Long Term Residential SPLs, IDEM R2 Long Term Commercial SPLs and/or IDEM R2 Short Term XSPLs.

PAHs in soil analytical results are summarized in Table 3 and depicted on Figure 5.

### **2.5.3 Lead**

Lead concentrations were not encountered in any of the soil samples collected that exceeded IDEM R2 Long Term Residential SPLs and/or IDEM R2 Short Term XSPLs.

Lead in soil analytical results are summarized in Table 4 and depicted on Figure 5.

## **2.6 Groundwater Analytical Results**

Laboratory analytical results for the groundwater samples collected were compared to the IDEM R2 Table 1 Published Levels (published July 8, 2022, and updated March 1, 2024) and are presented in Tables 5, 6 and 7 and depicted on Figure 6.

The laboratory certificate of analysis and chain-of-custody documentation for this groundwater sampling event is included in Appendix C.

### **2.6.1 Volatile Organic Compounds**

VOC impacts in the form of 1,2,4-trimethylbenzene were encountered in one (1) soil boring (SB-15) that exceeded the IDEM R2 Long Term Residential Groundwater Published Level (GWPL) of 60 parts per billion (ppb) for 1,2,4-trimethylbenzene with a concentration 77.7 ppb. No other VOC chemical constituent concentrations were encountered in any of the soil borings that exceeded IDEM R2 Long Term Residential GWPLs.

VOCs in groundwater analytical results are summarized in Table 5 and depicted on Figure 6.

### **2.6.2 Polynuclear Aromatic Hydrocarbons**

PAH impacts in the form of 1-methylnaphthalene were encountered in one (1) soil boring (SB-15) that slightly exceeded the IDEM R2 Long Term Residential GWPL of 10 ppb for 1-methylnaphthalene with a concentration of 21.6 ppb. No other PAH chemical constituent

concentrations were encountered in any of the soil borings collected that exceeded IDEM R2 Long Term Residential GWPLs.

PAHs in groundwater analytical results are summarized in Table 6 and depicted on Figure 6.

### **2.6.3 Lead**

Dissolved lead concentrations were not encountered in any of the groundwater samples collected that exceeded laboratory detection limits.

Lead in groundwater analytical results are summarized in Table 7 and depicted on Figure 6.

## **2.7 Soil-Gas Analytical Results**

Laboratory analytical results from the soil-gas samples were compared to the IDEM R2 Shallow Exterior/Utility Corridor Residential Soil Gas Published Levels (RSGPLs) and IDEM R2 Commercial Soil Gas Published Levels (CSGPLs) (effective July 8, 2022 and updated March 1, 2024) and are presented in Table 8 and depicted on Figure 7.

The laboratory certificate of analysis and chain-of-custody documentation for this soil-gas sampling event is included in Appendix D.

### **2.7.1 Volatile Organic Compounds**

VOC impacts in the form of acrolein that exceeded both IDEM R2 RSGPLs and CSGPLs were encountered in six (6) soil gas samples (SG-5, SG-6, SG-8, SG-10, SG-13 and SG-15), with concentrations ranging from 1.6 micrograms per cubic meter ( $\mu\text{g}/\text{m}^3$ ) to  $4.5 \mu\text{g}/\text{m}^3$ . Furthermore, VOC impacts in the form of 1,3-butadiene that exceeded IDEM R2 RSGPLs were encountered in five (5) soil-gas samples (SG-6, SG-8, SG-10, SG-14 and SG-15), with concentrations ranging from  $12 \mu\text{g}/\text{m}^3$  to  $22 \mu\text{g}/\text{m}^3$ . Concentrations of 1,3-butadiene were not encountered exceeding IDEM R2 CSGPLs.

Additionally, VOC impacts in the form of benzene that equaled the IDEM R2 RSGPL of  $40 \mu\text{g}/\text{m}^3$  was encountered in one (1) soil gas sample (SG-15), with a concentration of  $40 \mu\text{g}/\text{m}^3$ .

No other VOC chemical constituent concentrations were encountered in any other soil-gas samples collected that exceeded IDEM R2 RSGPLs and/or IDEM R2 CSGPLs.

VOCs in soil-gas analytical results are summarized in Table 8 and depicted on Figure 7.

## **2.8 Quality Assurance/Quality Control**

As part of soil, groundwater and soil-gas sampling activities, Heartland collected QA/QC samples, as outlined in the QAPP. QA/QC samples included field duplicate samples, matrix spike/matrix spike duplicate samples, laboratory trip blanks and field equipment blanks.

No data validation concerns were noted for this sampling project based on Heartland's review of the laboratory certificates of analysis.

## **2.9 Waste Disposal**

Limited investigative derived waste was generated as part of site investigation activities and was disposed of offsite appropriately.

### 3.0 CONCLUSIONS AND RECOMMENDATIONS

Heartland has completed Phase II ESA activities that included the advancement of sixteen (16) soil borings, the installation of sixteen (16) temporary groundwater piezometers, the installation of sixteen (16) temporary soil-gas sampling ports, and the sampling of soil, groundwater and soil-gas throughout the Genesis Convention Center property located at 401 Adams Street in Gary, Indiana. The objective of this Phase II ESA was to evaluate for the potential presence and/or absence of impacts to soil, groundwater and/or soil-gas which may be present and attributable to historic onsite operations which included a variety of commercial businesses (including historical automobile service and repair garages, gasoline filling stations, vulcanizers, and several different locations with laundries (including “Chinese laundries”), dry cleaners and dyers), as well as historical offsite commercial operations conducted in close proximity to the site, which included commercial gasoline filling stations, laundries and cleaners.

Based on the findings of this Phase II ESA, VOC chemical constituent impacts were not encountered in any of the soil samples collected that exceeded IDEM R2 Short Term XSPLs. Low level PAH chemical constituent impacts in the form of benzo(a)pyrene and dibenz(a,h)anthracene that slightly exceeded IDEM R2 Long Term Residential SPLs were encountered in two (2) soil borings (SB-12 and SB-13). No other PAH chemical constituent impacts were encountered that exceeded IDEM R2 Long Term Residential SPLs and/or IDEM R2 Short Term XSPLs. Lead concentrations were not encountered in any of the soil samples collected that exceeded IDEM R2 Long Term Residential SPLs.

VOC chemical constituent impacts in the form of 1,2,4-trimethylbenzene were encountered in one (1) soil boring (SB-15) that exceeded IDEM R2 Long Term Residential GWPLs. Further, PAH chemical constituent impacts in the form of 1-methylnaphthalene were encountered in one (1) soil boring (SB-15) that slightly exceeded IDEM R2 Long Term Residential GWPLs. No other VOC and/or PAH chemical constituent impacts were encountered in any of the groundwater samples collected that exceeded IDEM R2 Long Term Residential GWPLs. Furthermore, dissolved lead concentrations were not encountered in any groundwater sample collected that exceeded laboratory reporting limits.

VOC impacts in the form of acrolein that exceeded both IDEM R2 Residential and Commercial Shallow Exterior SGPLs were encountered in six (6) soil gas samples (SG-5, SG-6, SG-8, SG-10, SG-13 and SG-15). Additionally, VOC impacts in the form of 1,3-butadiene that exceeded IDEM R2 Residential SGPLs were encountered in five (5) soil-gas samples (SG-6, SG-8, SG-10, SG-14 and SG-15) and VOC impacts in the form of benzene were encountered in one (1) soil gas sample (SG-15) that equaled its IDEM R2 RSGPL. No other VOC chemical constituent concentrations were encountered in any of the soil-gas samples that exceeded IDEM R2 Residential and/or Commercial SGPLs

Based on the results of this investigation, low-level concentrations of select PAH chemical

constituents were encountered in both shallow and intermediate soils near the east-central portion of the site that exceeded IDEM R2 Long Term Residential SPLs. Additionally, low-level VOC concentrations in the form of 1,2,4-trimethylbenzene and low-level PAH concentrations in the form of 1-methylnaphthalene that exceeded IDEM R2 Long Term Residential GWPLs were encountered in one (1) soil boring (SB-15) which was located within the east-central portion of the site. Low level VOC concentrations were encountered in select soil-gas samples collected throughout the site that exceeded IDEM R2 Residential and Commercial SGPLs. More specifically, VOC impacts in the form of acrolein, 1,3-butadiene and benzene were encountered in these select soil gas samples.

It is noted that concentrations of these VOC chemical constituents did not exceed laboratory detection limits in any of the soil and/or groundwater samples collected. Concentrations of acrolein and 1,3-butadiene are potentially attributable to laboratory bias and not indicative of an adverse chemical impact resulting from historical onsite and/or offsite operations.

Additional evaluation related to soil, groundwater and/or soil-gas impacts does not appear to be warranted at this time. Chemical impacts to soil and groundwater appear to be limited in nature and localized to select portions of the site. Furthermore, extensive soil-gas impacts do not appear to be present, and a widespread exposure risk does not appear to be present resulting from the chemical impacts identified as part of this investigation.

Implementation of an Environmental Restrictive Covenant (ERC) incorporating land use restrictions, including the limiting of the installation and utilization of potable water well sources on the site parcel, should be considered to mitigate potential exposure risks to impacted groundwater identified as part of this investigation. Land use restrictions requiring a vapor intrusion exposure risk pathway analysis as part of any new development on the site should also be considered so as to verify that a vapor encroachment condition is not present for any newly planned development onsite.

Heartland is prepared to assist the City in its continued evaluation of the site and to assess proposed redevelopment alternatives at the site with respect to environmental conditions. Heartland is further prepared to assist the City in its consultation with the USEPA and the IBP to confirm that additional regulatory compliance assessment activities are not required for this project site.



## 4.0 DISCLAIMER

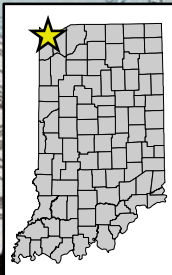
This Phase II ESA was prepared in accordance with generally accepted principles and practices in the environmental consulting field and in accordance with the pre-approved QAPP and SAP submitted to the USEPA in February 2024. Conclusions and recommendations expressed herein were developed from site evaluation and limited research, and we are not responsible for unrecorded data pertaining to this site. Heartland makes no warranties, expressed or implied, as to the fitness or merchantability of said property for any particular purpose, and we are not responsible for independent conclusions or opinions made by others based on this report.

This investigation was limited to the areas specified on the figures of this report. Heartland is not responsible for the identification of recognized environmental conditions that may be present outside this evaluated area, chemical parameters other than those analyzed for or at depths greater than that to which soil borings were advanced.

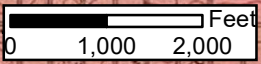
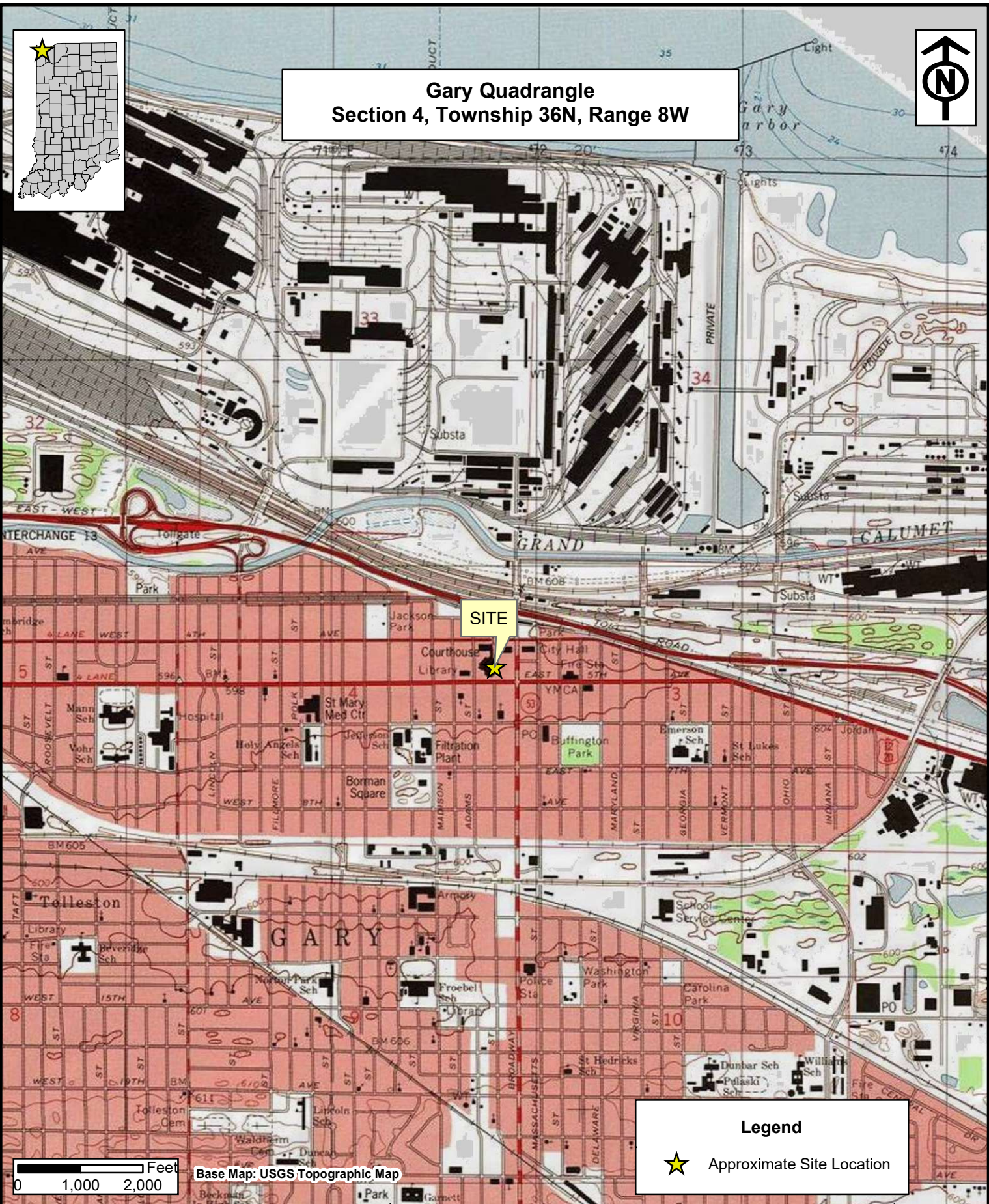
Any opinions and/or recommendations presented apply to site conditions existing at the time of performance of services. We are unable to report on or accurately predict events which may impact on the site following the performance of the described services, whether occurring naturally or caused by external forces. We assume no responsibility for conditions we are not authorized to investigate, or conditions not generally recognized as predictable at the time services are performed. Heartland makes no recommendations in regard to the sale, purchase, lease, construction, or other improvements on the subject property.

We are not responsible for changes in applicable regulatory standards, practices, or regulations following the performance of services.

## **FIGURES**




**Gary Quadrangle**  
**Section 4, Township 36N, Range 8W**



Base Map: USGS Topographic Map

**Legend**

 Approximate Site Location

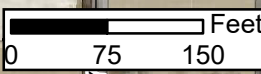
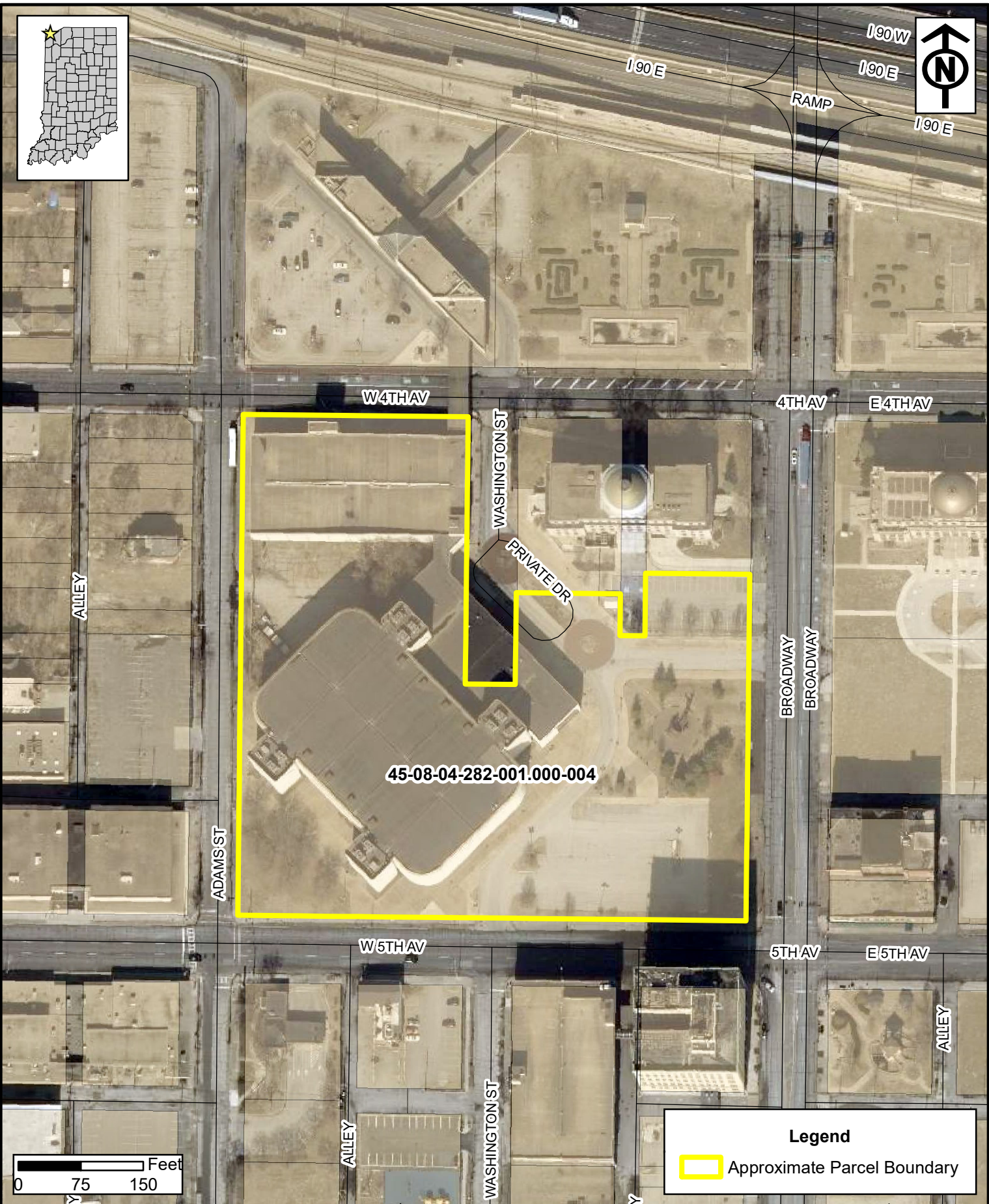
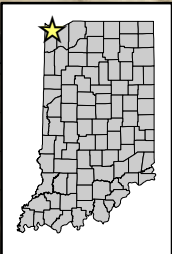


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**FIGURE 1**  
**SITE LOCATION MAP**

GENESIS CONVENTION CENTER PROPERTY  
 401 ADAMS STREET  
 GARY, INDIANA 46402

Date:  
 6/21/2024  
 Scale:  
 1"=2,000'  
 Drawn By:  
 NV



**Legend**

 Approximate Parcel Boundary

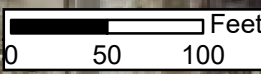
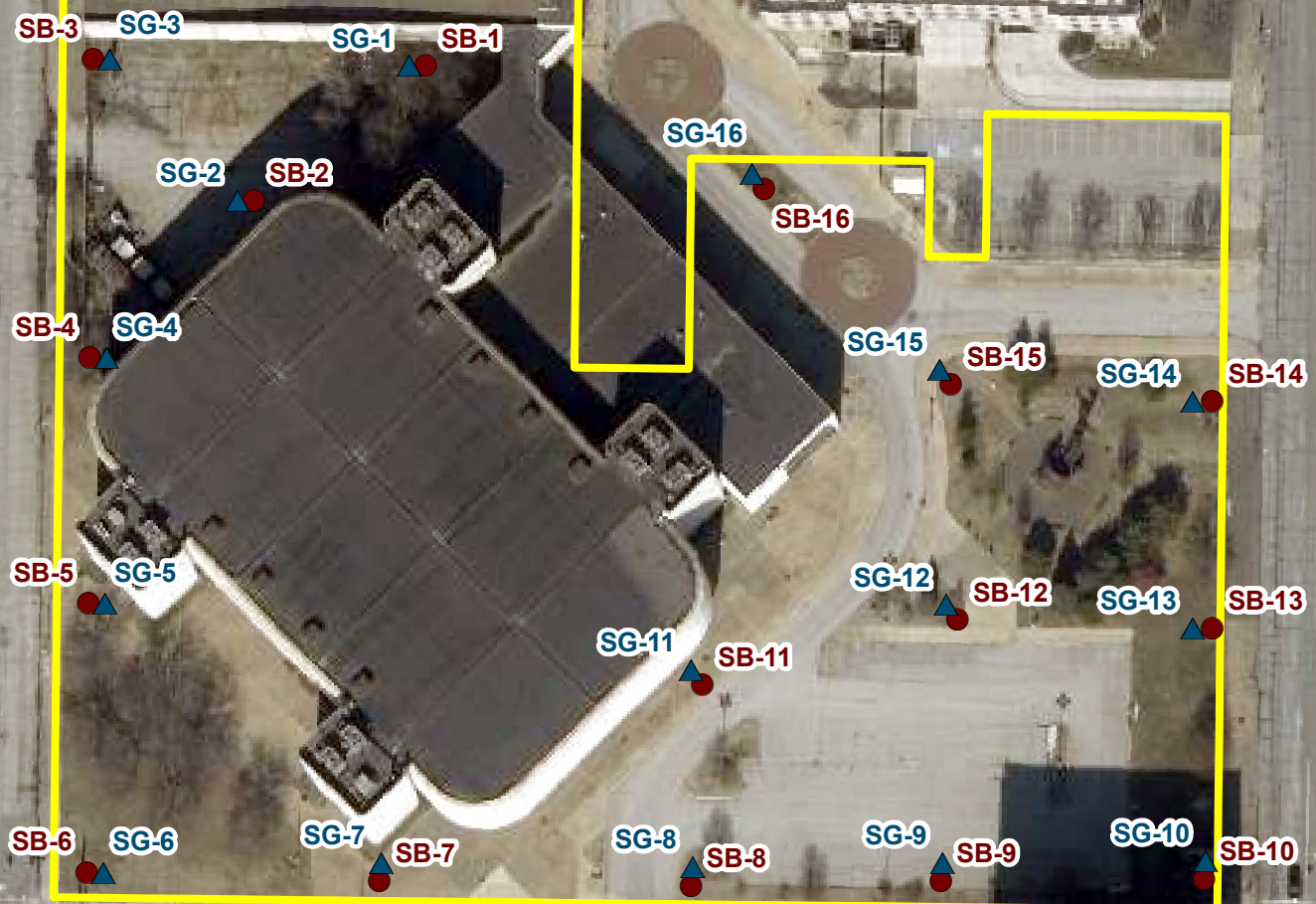
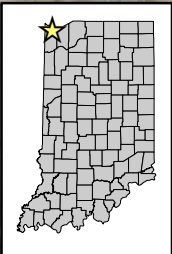


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FIGURE 2  
 SITE LOCATION MAP W/PARCEL BOUNDARIES

GENESIS CONVENTION CENTER PROPERTY  
 401 ADAMS STREET  
 GARY, INDIANA 46402

Date:  
 6/21/2024  
 Scale:  
 1"=150'  
 Drawn By:  
 NV



**Legend**

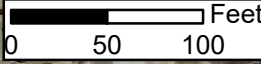
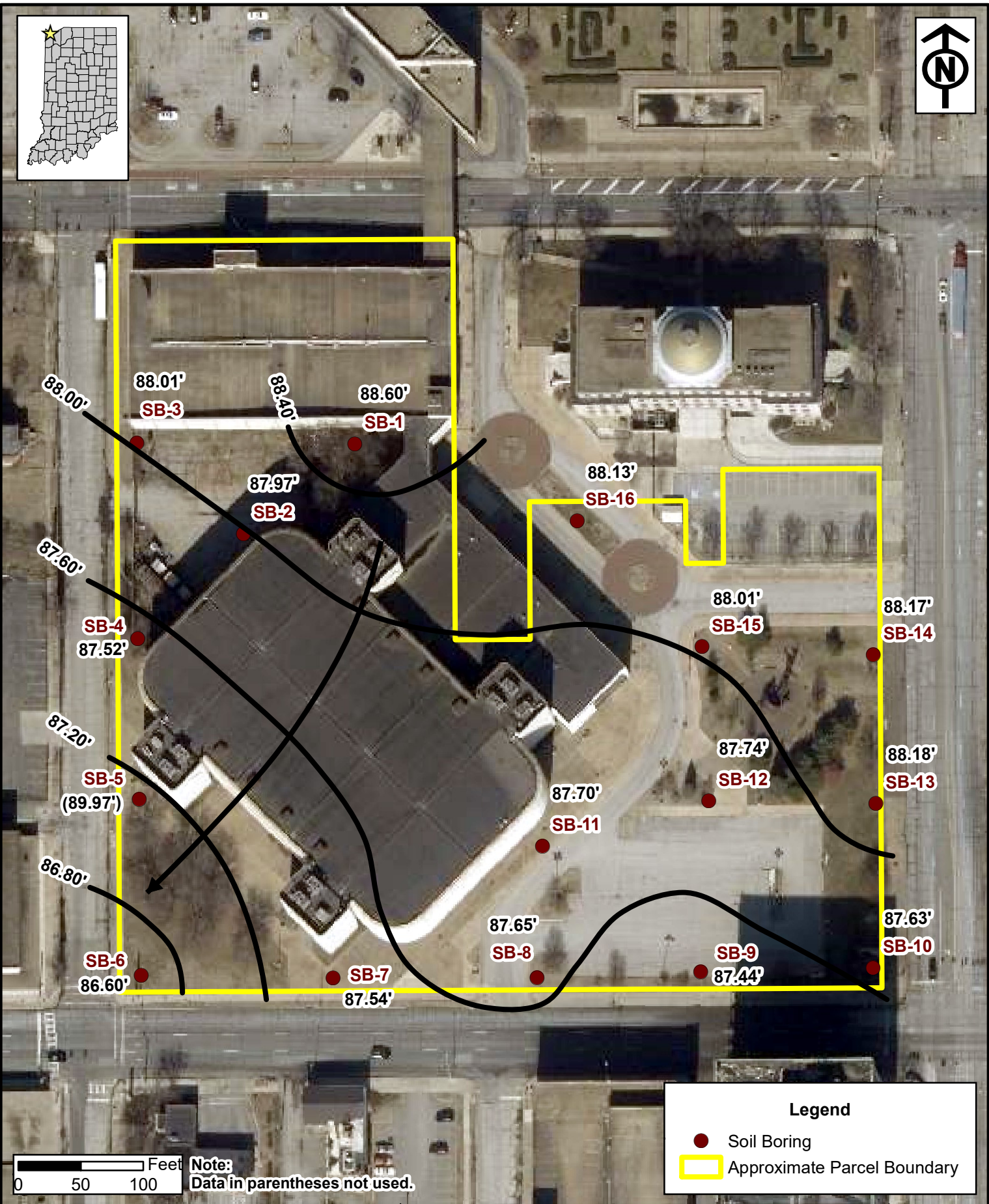
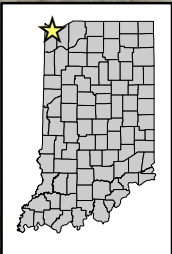
- ▲ Soil Gas Sample
- Soil Boring
- Approximate Parcel Boundary



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FIGURE 3  
 SOIL BORING AND SOIL-GAS LOCATION MAP  
  
 GENESIS CONVENTION CENTER PROPERTY  
 401 ADAMS STREET  
 GARY, INDIANA 46402

Date:  
6/21/2024  
 Scale:  
1"=100'  
 Drawn By:  
NV



**Note:**  
Data in parentheses not used.

**Legend**

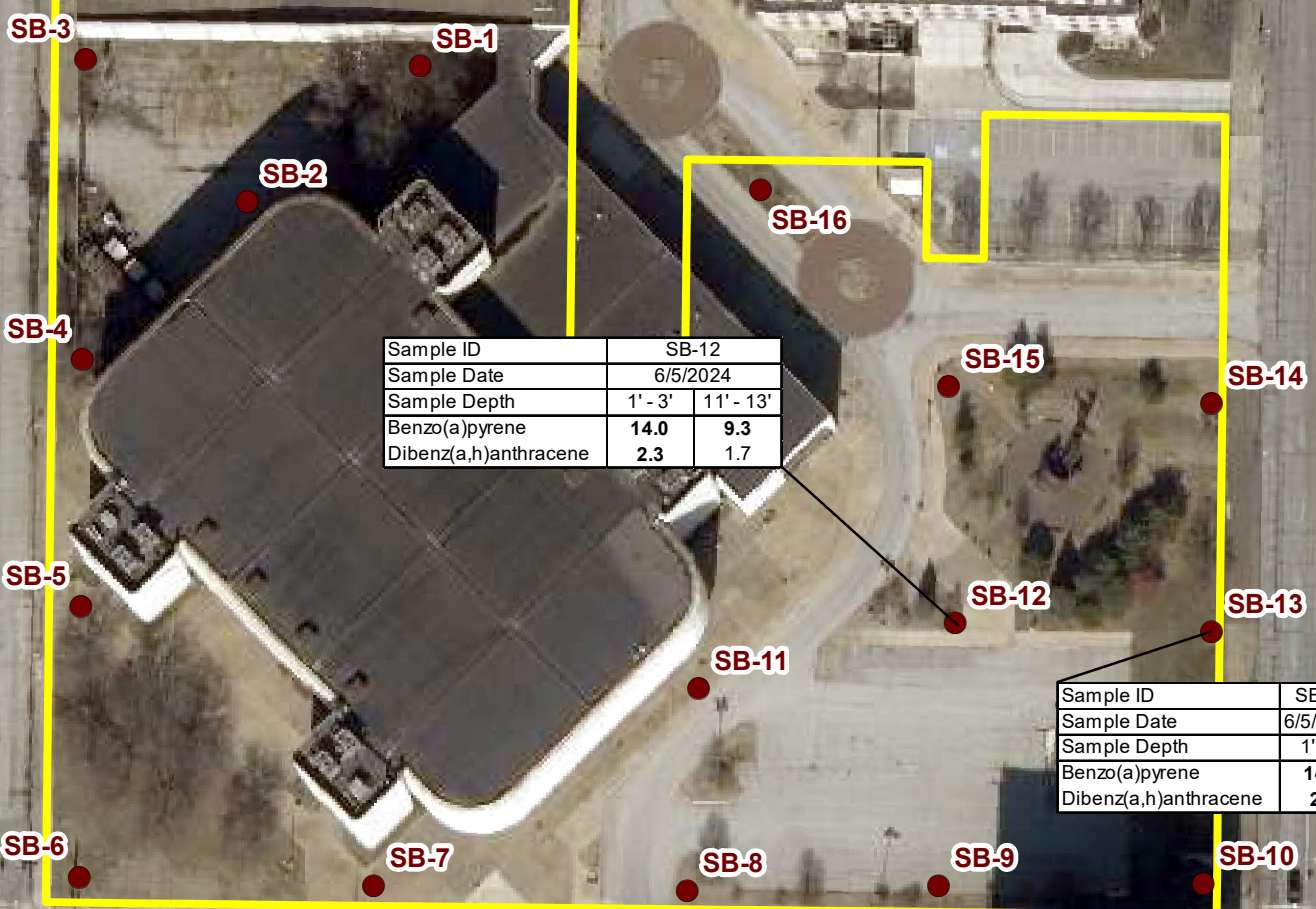
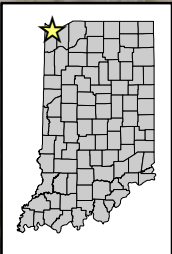
- Soil Boring
- Approximate Parcel Boundary



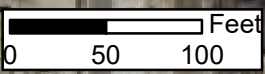
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FIGURE 4  
POTENTIOMETRIC SURFACE FLOW MAP  
JUNE 2024  
  
GENESIS CONVENTION CENTER PROPERTY  
401 ADAMS STREET  
GARY, INDIANA 46402

Date:  
6/21/2024  
Scale:  
1"=100'  
Drawn By:  
NV



Notes:  
 Values presented in parts per million (ppm) or mg/kg.  
 Bold cell denotes value exceeds IDEMR2 Long Term Residential Soil Published Levels.



**Legend**

- Soil Boring
- Approximate Parcel Boundary

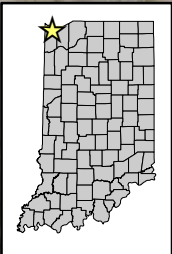


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FIGURE 5  
 SOIL ANALYTICAL RESULTS MAP

GENESIS CONVENTION CENTER PROPERTY  
 401 ADAMS STREET  
 GARY, INDIANA 46402

Date:  
 6/21/2024  
 Scale:  
 1"=100'  
 Drawn By:  
 NV



SB-3

SB-1

SB-2

SB-16

SB-4

SB-15

SB-14

SB-5

SB-12

SB-13

SB-11

SB-6

SB-7

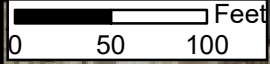
SB-8

SB-9

SB-10

Sample ID	SB-15
Sample Date	6/5/2024
1,2,4-Trimethylbenzene	<b>77.7</b>
1-Methylnaphthalene	<b>21.6</b>

Notes:  
 Values presented in parts per billion (ppb) or ug/l.  
 Bold cell denotes value exceeds IDEM R2 Long Term Residential Published Levels.



**Legend**

- Soil Boring
- Approximate Parcel Boundary

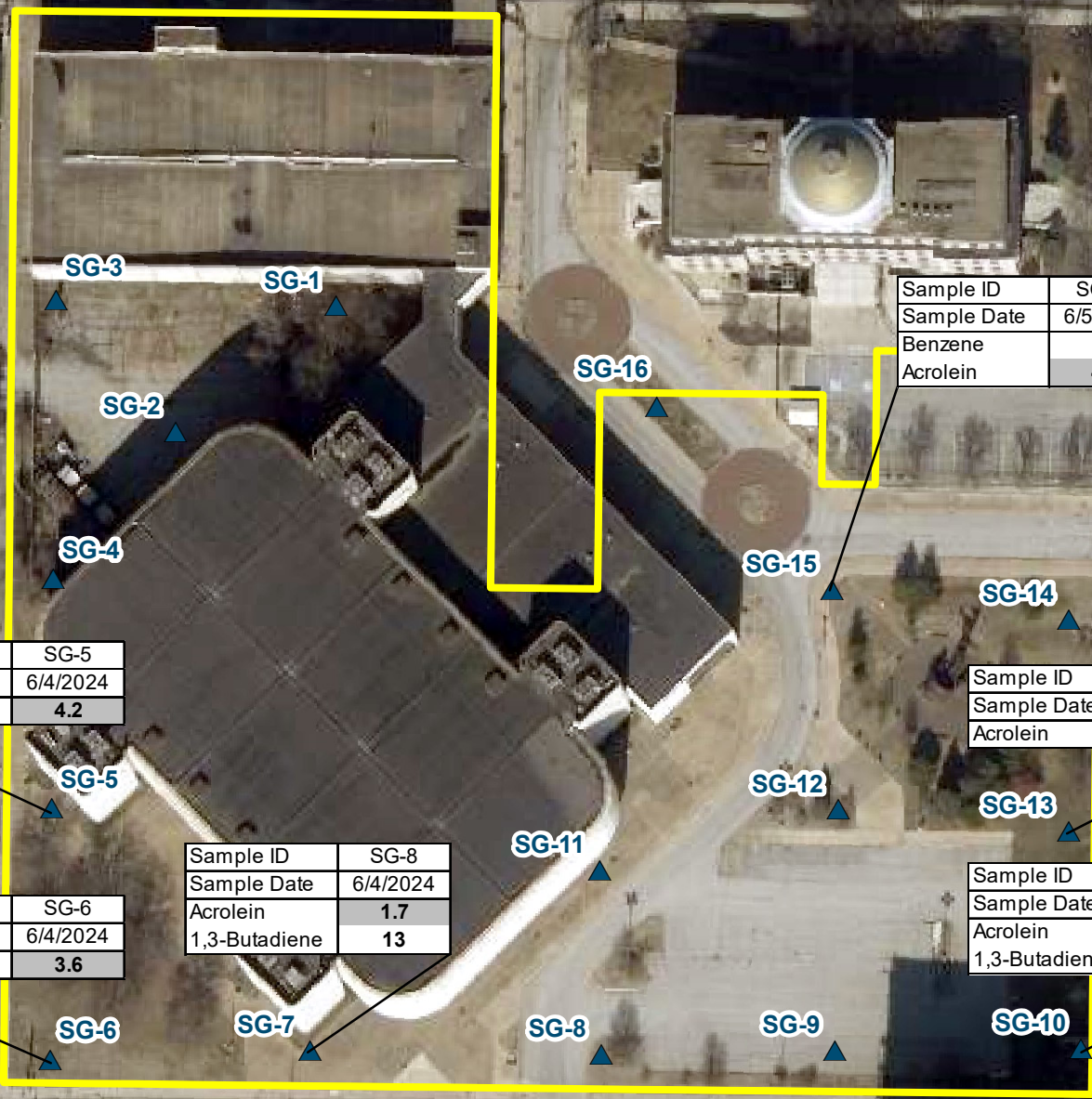
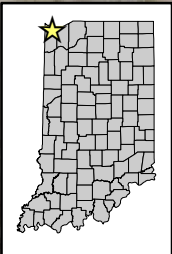


**Heartland Environmental Associates, Inc.**  
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FIGURE 6  
 GROUNDWATER ANALYTICAL RESULTS MAP  
 GENESIS CONVENTION CENTER PROPERTY  
 401 ADAMS STREET  
 GARY, INDIANA 46402

Date:  
 6/21/2024  
 Scale:  
 1"=100'  
 Drawn By:  
 NV





Sample ID	SG-5
Sample Date	6/4/2024
Acrolein	<b>4.2</b>

Sample ID	SG-15
Sample Date	6/5/2024
Benzene	<b>40</b>
Acrolein	<b>4.5</b>

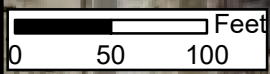
Sample ID	SG-13
Sample Date	6/5/2024
Acrolein	<b>1.7</b>

Sample ID	SG-6
Sample Date	6/4/2024
Acrolein	<b>3.6</b>

Sample ID	SG-8
Sample Date	6/4/2024
Acrolein	<b>1.7</b>
1,3-Butadiene	<b>13</b>

Sample ID	SG-10
Sample Date	6/5/2024
Acrolein	<b>1.6</b>
1,3-Butadiene	<b>14</b>

**Notes**  
 Values presented in micrograms per cubic meter (µg/m3).  
 Bold cell denotes value exceeds IDEM R2 Residential Shallow Exterior/Utility Corridor Soil Gas Exposure Published Levels.



**Legend**

- ▲ Soil Gas Sample
- Approximate Parcel Boundary



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**FIGURE 7**  
**SOIL-GAS ANALYTICAL RESULTS MAP**  
 GENESIS CONVENTION CENTER PROPERTY  
 401 ADAMS STREET  
 GARY, INDIANA 46402

Date:  
6/21/2024  
 Scale:  
1"=100'  
 Drawn By:  
NV

## **TABLES**

**Table 1  
Well Survey Data  
Genesis Convention Center Property  
401 Adams Street  
Gary, Indiana**

<b>Well Identification Number</b>	<b>Date Gauged</b>	<b>Well Diameter (in)</b>	<b>Depth to LNAPL (ft below grade)</b>	<b>Top of Casing Elevation (feet)</b>	<b>Depth to Water (ft below grade)</b>	<b>Groundwater Elevation (feet)</b>	<b>Well Total Depth (ft)</b>	<b>Well Screen Length (ft)</b>
<b>SB-1</b>	<b>6/5/2024</b>	<b>1"</b>	<b>-</b>	<b>102.16</b>	<b>13.56</b>	<b>88.60</b>	<b>18.10</b>	<b>10</b>
<b>SB-2</b>	<b>6/5/2024</b>	<b>1"</b>	<b>-</b>	<b>102.45</b>	<b>14.48</b>	<b>87.97</b>	<b>19.87</b>	<b>10</b>
<b>SB-3</b>	<b>6/5/2024</b>	<b>1"</b>	<b>-</b>	<b>103.24</b>	<b>15.23</b>	<b>88.01</b>	<b>19.08</b>	<b>10</b>
<b>SB-4</b>	<b>6/5/2024</b>	<b>1"</b>	<b>-</b>	<b>102.84</b>	<b>15.32</b>	<b>87.52</b>	<b>19.07</b>	<b>10</b>
<b>SB-5</b>	<b>6/5/2024</b>	<b>1"</b>	<b>-</b>	<b>102.19</b>	<b>12.22</b>	<b>89.97</b>	<b>19.28</b>	<b>10</b>
<b>SB-6</b>	<b>6/5/2024</b>	<b>1"</b>	<b>-</b>	<b>102.62</b>	<b>16.02</b>	<b>86.60</b>	<b>19.30</b>	<b>10</b>
<b>SB-7</b>	<b>6/5/2024</b>	<b>1"</b>	<b>-</b>	<b>102.62</b>	<b>15.08</b>	<b>87.54</b>	<b>19.55</b>	<b>10</b>
<b>SB-8</b>	<b>6/5/2024</b>	<b>1"</b>	<b>-</b>	<b>101.13</b>	<b>13.48</b>	<b>87.65</b>	<b>18.57</b>	<b>10</b>
<b>SB-9</b>	<b>6/5/2024</b>	<b>1"</b>	<b>-</b>	<b>100.00</b>	<b>12.56</b>	<b>87.44</b>	<b>18.08</b>	<b>10</b>
<b>SB-10</b>	<b>6/5/2024</b>	<b>1"</b>	<b>-</b>	<b>102.37</b>	<b>14.74</b>	<b>87.63</b>	<b>19.10</b>	<b>10</b>
<b>SB-11</b>	<b>6/5/2024</b>	<b>1"</b>	<b>-</b>	<b>100.26</b>	<b>12.56</b>	<b>87.70</b>	<b>20.30</b>	<b>10</b>
<b>SB-12</b>	<b>6/5/2024</b>	<b>1"</b>	<b>-</b>	<b>102.22</b>	<b>14.48</b>	<b>87.74</b>	<b>19.12</b>	<b>10</b>
<b>SB-13</b>	<b>6/5/2024</b>	<b>1"</b>	<b>-</b>	<b>102.39</b>	<b>14.21</b>	<b>88.18</b>	<b>19.02</b>	<b>10</b>
<b>SB-14</b>	<b>6/5/2024</b>	<b>1"</b>	<b>-</b>	<b>102.58</b>	<b>14.41</b>	<b>88.17</b>	<b>19.27</b>	<b>10</b>
<b>SB-15</b>	<b>6/5/2024</b>	<b>1"</b>	<b>-</b>	<b>102.28</b>	<b>14.27</b>	<b>88.01</b>	<b>19.20</b>	<b>10</b>
<b>SB-16</b>	<b>6/5/2024</b>	<b>1"</b>	<b>-</b>	<b>101.71</b>	<b>13.58</b>	<b>88.13</b>	<b>19.02</b>	<b>10</b>

Notes: All points were completed as temporary 1" piezometers and abandoned after sampling.  
Top of Casing and Groundwater elevations referenced based on an arbitrary established bench mark of 100.00 feet.

**Table 2**  
**VOCs in Soil Analytical Results**  
**Genesis Convention Center Property**  
**401 Adams Street**  
**Gary, Indiana**

Sample ID	Date Sampled	Sample Depth (feet)	Acetone	Benzene	2-Butanone (MEK)	n-Butylbenzene	sec-Butylbenzene	tert-Butylbenzene	Ethylbenzene	n-Hexane	2-Hexanone	Isopropylbenzene (Cumene)	p-Isopropyltoluene	Methylene Chloride	Methyl-tert-butyl ether	n-Propylbenzene	Styrene	Tetrachloroethene	Toluene	Trichloroethene	1,2,4-Trimethylbenzene	1,3,5-Trimethylbenzene	Vinyl chloride	Xylene (Total)	
IDEM R2 Long Term Residential Soil Published Level			DNE	DNE	DNE	DNE	DNE	DNE	DNE	DNE	DNE	DNE	DNE	DNE	DNE	DNE	DNE	DNE	DNE	DNE	DNE	DNE	DNE	DNE	
IDEM R2 Long Term Commercial Soil Published Level			DNE	DNE	DNE	DNE	DNE	DNE	DNE	DNE	DNE	DNE	DNE	DNE	DNE	DNE	DNE	DNE	DNE	DNE	DNE	DNE	DNE	DNE	DNE
IDEM R2 Short Term Excavation Soil Published Level			100,000	2,000	30,000	100	100	200	500	100	3,000	300	DNE	3,000	9,000	300	900	200	800	100	200	200	1,000	300	
SB-1	6/4/2024	1' - 3'	<0.11	<0.0055	<0.027	<0.0055	<0.0055	<0.0055	<0.0055	<0.0055	<0.11	<0.0055	<0.0055	<0.022	<0.0055	<0.0055	<0.0055	<0.0055	<0.0055	<0.0055	<0.0055	<0.0055	<0.0055	<0.011	
		12' - 14'	<0.091	<0.0046	<0.023	<0.0046	<0.0046	<0.0046	<0.0046	<0.0046	<0.0046	<0.091	<0.0046	<0.0046	<0.018	<0.0046	<0.0046	<0.0046	<0.0046	<0.0046	<0.0046	<0.0046	<0.0046	<0.0046	<0.0091
SB-2	6/4/2024	1' - 3'	<0.11	<0.0055	<0.028	<0.0055	<0.0055	<0.0055	<0.0055	<0.0055	<0.11	<0.0055	<0.0055	<0.022	<0.0055	<0.0055	<0.0055	<0.0055	<0.0055	<0.0055	<0.0055	<0.0055	<0.0055	<0.011	
		12' - 14'	<0.10	<0.0052	<0.026	<0.0052	<0.0052	<0.0052	<0.0052	<0.0052	<0.10	<0.0052	<0.0052	<0.021	<0.0052	<0.0052	<0.0052	<0.0052	<0.0052	<0.0052	<0.0052	<0.0052	<0.0052	<0.0052	<0.010
SB-3	6/4/2024	1' - 3'	<0.12	<0.0058	<0.029	<0.0058	<0.0058	<0.0058	<0.0058	<0.0058	<0.12	<0.0058	<0.0058	<0.023	<0.0058	<0.0058	<0.0058	<0.0058	<0.0058	<0.0058	<0.0058	<0.0058	<0.0058	<0.012	
		12' - 14'	<0.13	<0.0063	<0.031	<0.0063	<0.0063	<0.0063	<0.0063	<0.0063	<0.13	<0.0063	<0.0063	<0.025	<0.0063	<0.0063	<0.0063	<0.0063	<0.0063	<0.0063	<0.0063	<0.0063	<0.0063	<0.0063	<0.013
SB-4	6/4/2024	1' - 3'	<0.10	<0.0052	<0.026	<0.0052	<0.0052	<0.0052	<0.0052	<0.0052	<0.10	<0.0052	<0.0052	<0.021	<0.0052	<0.0052	<0.0052	<0.0052	<0.0052	<0.0052	<0.0052	<0.0052	<0.0052	<0.0052	<0.010
		12' - 14'	<0.11	<0.0055	<0.028	<0.0055	<0.0055	<0.0055	<0.0055	<0.0055	<0.11	<0.0055	<0.0055	<0.022	<0.0055	<0.0055	<0.0055	<0.0055	<0.0055	<0.0055	<0.0055	<0.0055	<0.0055	<0.0055	<0.011
SB-5	6/4/2024	1' - 3'	<0.12	<0.0058	<0.029	<0.0058	<0.0058	<0.0058	<0.0058	<0.0058	<0.12	<0.0058	<0.0058	<0.023	<0.0058	<0.0058	<0.0058	<0.0058	<0.0058	<0.0058	<0.0058	<0.0058	<0.0058	<0.012	
		12' - 14'	<0.11	<0.0056	<0.028	<0.0056	<0.0056	<0.0056	<0.0056	<0.0056	<0.11	<0.0056	<0.0056	<0.022	<0.0056	<0.0056	<0.0056	<0.0056	<0.0056	<0.0056	<0.0056	<0.0056	<0.0056	<0.0056	<0.011
SB-6	6/4/2024	1' - 3'	<0.12	<0.0059	<0.029	<0.0059	<0.0059	<0.0059	<0.0059	<0.0059	<0.12	<0.0059	<0.0059	<0.024	<0.0059	<0.0059	<0.0059	<0.0059	<0.0059	<0.0059	<0.0059	<0.0059	<0.0059	<0.012	
		12' - 14'	<0.11	<0.0056	<0.028	<0.0056	<0.0056	<0.0056	<0.0056	<0.0056	<0.11	<0.0056	<0.0056	<0.023	<0.0056	<0.0056	<0.0056	<0.0056	<0.0056	<0.0056	<0.0056	<0.0056	<0.0056	<0.0056	<0.011
SB-7	6/4/2024	1' - 3'	<0.11	<0.0053	<0.026	<0.0053	<0.0053	<0.0053	<0.0053	<0.0053	<0.11	<0.0053	<0.0053	<0.021	<0.0053	<0.0053	<0.0053	<0.0053	<0.0053	<0.0053	<0.0053	<0.0053	<0.0053	<0.011	
		12' - 14'	<0.12	<0.0061	<0.030	<0.0061	<0.0061	<0.0061	<0.0061	<0.0061	<0.12	<0.0061	<0.0061	<0.024	<0.0061	<0.0061	<0.0061	<0.0061	<0.0061	<0.0061	<0.0061	<0.0061	<0.0061	<0.0061	<0.012
SB-8	6/4/2024	1' - 3'	<0.12	<0.0058	<0.029	<0.0058	<0.0058	<0.0058	<0.0058	<0.0058	<0.12	<0.0058	<0.0058	<0.023	<0.0058	<0.0058	<0.0058	<0.0058	<0.0058	<0.0058	<0.0058	<0.0058	<0.0058	<0.012	
		12' - 14'	<0.11	<0.0055	<0.028	<0.0055	<0.0055	<0.0055	<0.0055	<0.0055	<0.11	<0.0055	<0.0055	<0.022	<0.0055	<0.0055	<0.0055	<0.0055	<0.0055	<0.0055	<0.0055	<0.0055	<0.0055	<0.0055	<0.011
SB-9	6/4/2024	1' - 3'	<0.12	<0.0060	<0.030	<0.0060	<0.0060	<0.0060	<0.0060	<0.0060	<0.12	<0.0060	<0.0060	<0.024	<0.0060	<0.0060	<0.0060	<0.0060	<0.0060	<0.0060	<0.0060	<0.0060	<0.0060	<0.012	
		11' - 13'	<0.11	<0.0054	<0.027	<0.0054	<0.0054	<0.0054	<0.0054	<0.0054	<0.11	<0.0054	<0.0054	<0.022	<0.0054	<0.0054	<0.0054	<0.0054	<0.0054	<0.0054	<0.0054	<0.0054	<0.0054	<0.0054	<0.011
SB-10	6/5/2024	1' - 3'	<0.12	<0.0058	<0.029	<0.0058	<0.0058	<0.0058	<0.0058	<0.0058	<0.12	<0.0058	<0.0058	<0.023	<0.0058	<0.0058	<0.0058	<0.0058	<0.0058	<0.0058	<0.0058	<0.0058	<0.0058	<0.012	
		11' - 13'	<0.11	<0.0056	<0.028	<0.0056	<0.0056	<0.0056	<0.0056	<0.0056	<0.11	<0.0056	<0.0056	<0.022	<0.0056	<0.0056	<0.0056	<0.0056	<0.0056	<0.0056	<0.0056	<0.0056	<0.0056	<0.0056	<0.011
SB-11	6/5/2024	1' - 3'	<0.12	<0.0059	<0.029	<0.0059	<0.0059	<0.0059	<0.0059	<0.0059	<0.12	<0.0059	<0.0059	<0.024	<0.0059	<0.0059	<0.0059	<0.0059	<0.0059	<0.0059	<0.0059	<0.0059	<0.0059	<0.012	
		11' - 13'	<0.12	<0.0058	<0.029	<0.0058	<0.0058	<0.0058	<0.0058	<0.0058	<0.12	<0.0058	<0.0058	<0.023	<0.0058	<0.0058	<0.0058	<0.0058	<0.0058	<0.0058	<0.0058	<0.0058	<0.0058	<0.0058	<0.012
SB-12	6/5/2024	1' - 3'	<0.12	<0.0058	<0.029	<0.0058	<0.0058	<0.0058	<0.0058	<0.0058	<0.12	<0.0058	<0.0058	<0.023	<0.0058	<0.0058	<0.0058	<0.0058	<0.0058	<0.0058	<0.0058	<0.0058	<0.0058	<0.012	
		11' - 13'	<0.11	<0.0057	<0.028	<0.0057	<0.0057	<0.0057	<0.0057	<0.0057	<0.11	<0.0057	<0.0057	<0.023	<0.0057	<0.0057	<0.0057	<0.0057	<0.0057	<0.0057	<0.0057	<0.0057	<0.0057	<0.0057	<0.011
SB-13	6/5/2024	1' - 3'	<0.14	<0.0069	<0.034	<0.0069	<0.0069	<0.0069	<0.0069	<0.0069	<0.14	<0.0069	<0.0069	<0.027	<0.0069	<0.0069	<0.0069	<0.0069	<0.0069	<0.0069	<0.0069	<0.0069	<0.0069	<0.014	
		11' - 13'	<0.12	<0.0061	<0.031	<0.0061	<0.0061	<0.0061	<0.0061	<0.0061	<0.12	<0.0061	<0.0061	<0.025	<0.0061	<0.0061	<0.0061	<0.0061	<0.0061	<0.0061	<0.0061	<0.0061	<0.0061	<0.0061	<0.012

**Table 2**  
**VOCs in Soil Analytical Results**  
**Genesis Convention Center Property**  
**401 Adams Street**  
**Gary, Indiana**

Sample ID	Date Sampled	Sample Depth (feet)	Acetone	Benzene	2-Butanone (MEK)	n-Butylbenzene	sec-Butylbenzene	tert-Butylbenzene	Ethylbenzene	n-Hexane	2-Hexanone	Isopropylbenzene (Cumene)	p-Isopropyltoluene	Methylene Chloride	Methyl-tert-butyl ether	n-Propylbenzene	Styrene	Tetrachloroethene	Toluene	Trichloroethene	1,2,4-Trimethylbenzene	1,3,5-Trimethylbenzene	Vinyl chloride	Xylene (Total)	
IDEM R2 Long Term Residential Soil Published Level			DNE	DNE	DNE	DNE	DNE	DNE	DNE	DNE	DNE	DNE	DNE	DNE	DNE	DNE	DNE	DNE	DNE	DNE	DNE	DNE	DNE	DNE	
IDEM R2 Long Term Commercial Soil Published Level			DNE	DNE	DNE	DNE	DNE	DNE	DNE	DNE	DNE	DNE	DNE	DNE	DNE	DNE	DNE	DNE	DNE	DNE	DNE	DNE	DNE	DNE	DNE
IDEM R2 Short Term Excavation Soil Published Level			100,000	2,000	30,000	100	100	200	500	100	3,000	300	DNE	3,000	9,000	300	900	200	800	100	200	200	1,000	300	
SB-14	6/5/2024	1' - 3'	<0.12	<0.0061	<0.030	<0.0061	<0.0061	<0.0061	<0.0061	<0.0061	<0.12	<0.0061	<0.0061	<0.024	<0.0061	<0.0061	<0.0061	<0.0061	<0.0061	<0.0061	<0.0061	<0.0061	<0.0061	<0.012	
		11' - 13'	<0.10	<0.0052	<0.026	<0.0052	<0.0052	<0.0052	<0.0052	<0.0052	<0.10	<0.0052	<0.0052	<0.021	<0.0052	<0.0052	<0.0052	<0.0052	<0.0052	<0.0052	<0.0052	<0.0052	<0.0052	<0.0052	<0.010
SB-15	6/5/2024	1' - 3'	<0.11	<0.0054	<0.027	<0.0054	<0.0054	<0.0054	<0.0054	<0.0054	<0.11	<0.0054	<0.0054	<0.021	<0.0054	<0.0054	<0.0054	<0.0054	<0.0054	<0.0054	<0.0054	<0.0054	<0.0054	<0.011	
		13' - 15'	<5.8	<0.29	<1.4	1.4	0.33	<0.29	<0.29	<0.29	<5.8	<0.29	0.52	<1.2	<0.29	<0.29	<0.29	<0.29	<0.29	<0.29	<0.29	1.3	<0.29	<0.29	<0.58
SB-16	6/5/2024	1' - 3'	<0.15	<0.0076	<0.038	<0.0076	<0.0076	<0.0076	<0.0076	<0.0076	<0.15	<0.0076	<0.0076	<0.031	<0.0076	<0.0076	<0.0076	<0.0076	<0.0076	<0.0076	<0.0076	<0.0076	<0.0076	<0.015	
		11' - 13'	<0.12	<0.0059	<0.030	<0.0059	<0.0059	<0.0059	<0.0059	<0.0059	<0.12	<0.0059	<0.0059	<0.024	<0.0059	<0.0059	<0.0059	<0.0059	<0.0059	<0.0059	<0.0059	<0.0059	<0.0059	<0.0059	<0.012
FD-1*	6/4/2024	12' - 14'	<0.11	<0.0053	<0.027	<0.0053	<0.0053	<0.0053	<0.0053	<0.0053	<0.11	<0.0053	<0.0053	<0.021	<0.0053	<0.0053	<0.0053	<0.0053	<0.0053	<0.0053	<0.0053	<0.0053	<0.0053	<0.011	
FD-2**	6/5/2024	11' - 13'	<0.12	<0.0061	<0.030	<0.0061	<0.0061	<0.0061	<0.0061	<0.0061	<0.12	<0.0061	<0.0061	<0.024	<0.0061	<0.0061	<0.0061	<0.0061	<0.0061	<0.0061	<0.0061	<0.0061	<0.0061	<0.012	

Notes: Values presented in parts per million (ppm) or mg/kg.

\* FD-1 - Field Duplicate; Field Duplicate QA/QC Sample collected from sample SB-3 (12'-14').

\*\* FD-2 - Field Duplicate; Field Duplicate QA/QC Sample collected from sample SB-11 (11'-13').

Published levels based on IDEM Risk-based Closure Guide (R2) Technical Document effective July 8, 2022 and updated March 1, 2024.

**DNE** Screening Level has not been established by IDEM and Does Not Exist in the IDEM R2 Published Levels table.

**Bold Cell** denotes value exceeds IDEM R2 Short Term Residential Soil Published Levels.

**Shaded Cell** denotes value exceeds IDEM R2 Long Term Commercial Soil Published Levels.

**Italicized Text** denotes value exceeds IDEM R2 Short Term Excavation Soil Published Levels.

VOC Constituents not listed were identified below laboratory detection limits.

Non-detect concentrations encountered exceeding IDEM R2 Published Criteria are a result of laboratory dilution methods, but do not necessarily represent chemical impacts.

**Table 3**  
**PAHs in Soil Analytical Results**  
**Genesis Convention Center Property**  
**401 Adams Street**  
**Gary, Indiana**

Sample ID	Date Sampled	Sample Depth (feet)	Acenaphthene	Acenaphthylene	Anthracene	Benzo(a)anthracene	Benzo(a)pyrene	Benzo(b)fluoranthene	Benzo(g,h,i)perylene	Benzo(k)fluoranthene	Chrysene	Dibenz(a,h)anthracene	Fluoranthene	Fluorene	Indeno(1,2,3-cd)pyrene	1-Methylnaphthalene	2-Methylnaphthalene	Naphthalene	Phenanthrene	Pyrene	
IDEM R2 Long Term Residential Soil Published Level			5,000	DNE	30,000	20	8	20	DNE	200	2,000	2	3,000	3,000	20	300	300	30	DNE	3,000	
IDEM R2 Long Term Commercial Soil Published Level			50,000	DNE	100,000	200	70	200	DNE	2,000	20,000	20	30,000	30,000	200	400	3,000	90	DNE	20,000	
IDEM R2 Short Term Excavation Soil Published Level			100,000	DNE	100,000	10,000	200	10,000	DNE	100,000	100,000	1,000	70,000	70,000	10,000	400	7,000	3,000	DNE	50,000	
SB-1	6/4/2024	1' - 3'	<0.0050	0.010	0.0078	0.064	0.078	0.11	0.059	0.044	0.077	0.018	0.084	<0.0050	0.053	<0.0050	<0.0050	<0.0050	0.030	0.088	
		12' - 14'	<0.0051	<0.0051	<0.0051	<0.0051	<0.0051	<0.0051	<0.0051	<0.0051	<0.0051	<0.0051	<0.0051	<0.0051	<0.0051	<0.0051	<0.0051	<0.0051	<0.0051	<0.0051	<0.0051
SB-2	6/4/2024	1' - 3'	<0.025	<0.025	0.061	0.28	0.30	0.37	0.25	0.16	0.31	<0.025	0.54	<0.025	0.19	<0.025	<0.025	<0.025	0.27	0.54	
		12' - 14'	<0.0052	<0.0052	<0.0052	<0.0052	<0.0052	<0.0052	<0.0052	<0.0052	<0.0052	<0.0052	<0.0052	<0.0052	<0.0052	<0.0052	<0.0052	<0.0052	<0.0052	<0.0052	<0.0052
SB-3	6/4/2024	1' - 3'	0.0060	0.027	0.021	0.12	0.14	0.21	0.10	0.075	0.15	0.032	0.20	0.0070	0.095	0.0080	0.010	0.018	0.13	0.20	
		12' - 14'	<0.0056	<0.0056	<0.0056	<0.0056	<0.0056	<0.0056	<0.0056	<0.0056	<0.0056	<0.0056	<0.0056	<0.0056	<0.0056	<0.0056	<0.0056	<0.0056	<0.0056	<0.0056	<0.0056
SB-4	6/4/2024	1' - 3'	<0.0050	<0.0050	0.013	0.060	0.064	0.090	0.043	0.029	0.067	0.012	0.11	<0.0050	0.038	<0.0050	<0.0050	<0.0050	<0.0050	0.058	0.11
		12' - 14'	<0.0051	<0.0051	<0.0051	<0.0051	<0.0051	<0.0051	<0.0051	<0.0051	<0.0051	<0.0051	<0.0051	<0.0051	<0.0051	<0.0051	<0.0051	<0.0051	<0.0051	<0.0051	<0.0051
SB-5	6/4/2024	1' - 3'	<0.0050	<0.0050	0.015	0.12	0.14	0.18	0.096	0.067	0.13	0.027	0.21	<0.0050	0.081	<0.0050	<0.0050	<0.0050	<0.0050	0.054	0.23
		12' - 14'	<0.0051	<0.0051	<0.0051	<0.0051	<0.0051	<0.0051	<0.0051	<0.0051	<0.0051	<0.0051	<0.0051	<0.0051	<0.0051	<0.0051	<0.0051	<0.0051	<0.0051	<0.0051	<0.0051
SB-6	6/4/2024	1' - 3'	<0.0050	<0.0050	<0.0050	0.0087	0.0095	0.012	0.0077	<0.0050	0.0094	<0.0050	0.015	<0.0050	0.0055	<0.0050	<0.0050	<0.0050	<0.0050	0.0083	0.015
		12' - 14'	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049
SB-7	6/4/2024	1' - 3'	<0.0052	0.042	0.023	0.22	0.32	0.54	0.25	0.16	0.26	0.093	0.27	<0.0052	0.23	<0.0052	<0.0052	<0.0052	<0.0052	0.052	0.31
		12' - 14'	<0.0051	<0.0051	<0.0051	<0.0051	<0.0051	<0.0051	<0.0051	<0.0051	<0.0051	<0.0051	<0.0051	<0.0051	<0.0051	<0.0051	<0.0051	<0.0051	<0.0051	<0.0051	<0.0051
SB-8	6/4/2024	1' - 3'	<0.0050	0.0080	0.017	0.11	0.15	0.21	0.11	0.058	0.12	0.030	0.17	<0.0050	0.094	<0.0050	<0.0050	<0.0050	<0.0050	0.050	0.18
		12' - 14'	<0.0055	<0.0055	<0.0055	<0.0055	<0.0055	<0.0055	<0.0055	<0.0055	<0.0055	<0.0055	<0.0055	<0.0055	<0.0055	<0.0055	<0.0055	<0.0055	<0.0055	<0.0055	<0.0055
SB-9	6/4/2024	1' - 3'	<0.025	<0.025	0.028	0.20	0.23	0.27	0.15	0.12	0.21	0.041	0.26	<0.025	0.13	<0.025	<0.025	<0.025	<0.025	0.076	0.26
		11' - 13'	0.27	<0.028	0.69	0.82	0.66	0.85	0.40	0.32	0.84	0.12	2.1	0.28	0.35	0.11	0.13	0.20	2.4	1.8	
SB-10	6/5/2024	1' - 3'	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	0.0073	<0.0049	<0.0049	<0.0049	<0.0049	0.0066	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	0.0060	
		11' - 13'	<0.0052	<0.0052	<0.0052	<0.0052	<0.0052	<0.0052	<0.0052	<0.0052	<0.0052	<0.0052	<0.0052	<0.0052	<0.0052	<0.0052	<0.0052	<0.0052	<0.0052	<0.0052	
SB-11	6/5/2024	1' - 3'	0.037	0.059	0.42	1.6	1.8	2.2	1.0	0.76	1.5	0.30	3.5	0.071	1.0	<0.025	<0.025	<0.025	1.3	3.5	
		11' - 13'	<0.0054	<0.0054	<0.0054	<0.0054	<0.0054	<0.0054	<0.0054	<0.0054	<0.0054	<0.0054	<0.0054	<0.0054	<0.0054	<0.0054	<0.0054	<0.0054	<0.0054	<0.0054	
SB-12	6/5/2024	1' - 3'	1.3	0.24	4.3	14.7	<b>14.0</b>	17.4	7.5	7.0	13.4	<b>2.3</b>	28.2	1.8	7.4	0.11	0.15	0.25	14.1	25.3	
		11' - 13'	2.8	0.085	7.8	11.6	<b>9.3</b>	11.5	4.8	4.5	9.5	1.7	25.4	4.5	4.6	0.95	0.93	0.76	26.0	20.5	

**Table 3**  
**PAHs in Soil Analytical Results**  
**Genesis Convention Center Property**  
**401 Adams Street**  
**Gary, Indiana**

Sample ID	Date Sampled	Sample Depth (feet)	Acenaphthene	Acenaphthylene	Anthracene	Benzo(a)anthracene	Benzo(a)pyrene	Benzo(b)fluoranthene	Benzo(g,h,i)perylene	Benzo(k)fluoranthene	Chrysene	Dibenz(a,h)anthracene	Fluoranthene	Fluorene	Indeno(1,2,3-cd)pyrene	1-Methylnaphthalene	2-Methylnaphthalene	Naphthalene	Phenanthrene	Pyrene
IDEM R2 Long Term Residential Soil Published Level			5,000	DNE	30,000	20	8	20	DNE	200	2,000	2	3,000	3,000	20	300	300	30	DNE	3,000
IDEM R2 Long Term Commercial Soil Published Level			50,000	DNE	100,000	200	70	200	DNE	2,000	20,000	20	30,000	30,000	200	400	3,000	90	DNE	20,000
IDEM R2 Short Term Excavation Soil Published Level			100,000	DNE	100,000	10,000	200	10,000	DNE	100,000	100,000	1,000	70,000	70,000	10,000	400	7,000	3,000	DNE	50,000
SB-13	6/5/2024	1' - 3'	1.3	0.24	4.2	15.4	<b>14.7</b>	17.5	7.9	8.0	13.4	<b>2.6</b>	32.0	1.3	7.9	0.12	0.10	0.10	14.2	28.3
		11' - 13'	<0.0050	<0.0050	<0.0050	0.0077	0.0076	0.010	0.0055	<0.0050	0.0072	<0.0050	0.015	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	0.0074
SB-14	6/5/2024	1' - 3'	<0.0054	0.0081	0.0088	0.057	0.078	0.11	0.054	0.040	0.062	0.015	0.099	<0.0054	0.050	<0.0054	<0.0054	<0.0054	0.027	0.099
		11' - 13'	<0.0055	<0.0055	<0.0055	<0.0055	<0.0055	<0.0055	<0.0055	<0.0055	<0.0055	<0.0055	<0.0055	<0.0055	<0.0055	<0.0055	<0.0055	<0.0055	<0.0055	<0.0055
SB-15	6/5/2024	1' - 3'	<0.0052	<0.0052	0.0060	0.032	0.045	0.056	0.032	0.023	0.033	0.0093	0.049	<0.0052	0.030	<0.0052	<0.0052	<0.0052	0.011	0.052
		13' - 15'	<0.0058	<0.0058	<0.0058	<0.0058	<0.0058	<0.0058	<0.0058	<0.0058	<0.0058	<0.0058	<0.0058	<0.0058	<0.0058	0.14	0.0073	<0.0058	<0.0058	<0.0058
SB-16	6/5/2024	1' - 3'	0.026	0.027	0.10	0.48	0.55	0.72	0.34	0.27	0.48	0.10	0.94	0.031	0.32	<0.0052	<0.0052	0.0073	0.42	0.87
		11' - 13'	0.010	<0.0050	0.019	0.018	0.015	0.019	0.0082	0.0061	0.014	<0.0050	0.048	0.013	0.0078	<0.0050	<0.0050	<0.0050	0.056	0.038
FD-1*	6/4/2024	12' - 14'	<0.0053	<0.0053	<0.0053	<0.0053	<0.0053	<0.0053	<0.0053	<0.0053	<0.0053	<0.0053	<0.0053	<0.0053	<0.0053	<0.0053	<0.0053	<0.0053	<0.0053	<0.0053
FD-2**	6/5/2024	11' - 13'	<0.0055	<0.0055	<0.0055	<0.0055	<0.0055	<0.0055	<0.0055	<0.0055	<0.0055	<0.0055	<0.0055	<0.0055	<0.0055	<0.0055	<0.0055	<0.0055	<0.0055	<0.0055

Notes: Values presented in parts per million (ppm) or mg/kg.

\* FD-1 - Field Duplicate; Field Duplicate QA/QC Sample collected from sample SB-3 (12'-14').

\*\* FD-2 - Field Duplicate; Field Duplicate QA/QC Sample collected from sample SB-11 (11'-13').

Published levels based on IDEM Risk-based Closure Guide (R2) Technical Document effective July 8, 2022 and updated March 1, 2024.

**DNE** Screening Level has not been established by IDEM and Does Not Exist in the IDEM R2 Published Levels table.

**Bold Cell** denotes value exceeds IDEM R2 Long Term Residential Soil Published Levels.

**Shaded Cell** denotes value exceeds IDEM R2 Long Term Commercial Soil Published Levels.

**Italicized Text** denotes value exceeds IDEM R2 Short Term Excavation Soil Published Levels.

**Table 4**  
**Lead in Soil Analytical Results**  
**Genesis Convention Center Property**  
**401 Adams Street**  
**Gary, Indiana**

Sample ID	Date Sampled	Sample Depth (feet)	Lead
IDEM R2 Long Term Residential Soil Published Level			200
IDEM R2 Long Term Commercial Soil Published Level			800
IDEM R2 Short Term Excavation Soil Published Level			1,000
SB-1	6/4/2024	1' - 3'	12.9
		12' - 14'	1.7
SB-2	6/4/2024	1' - 3'	17.3
		12' - 14'	1.4
SB-3	6/4/2024	1' - 3'	20.0
		12' - 14'	1.6
SB-4	6/4/2024	1' - 3'	11.9
		12' - 14'	1.4
SB-5	6/4/2024	1' - 3'	2.3
		12' - 14'	1.8
SB-6	6/4/2024	1' - 3'	2.9
		12' - 14'	1.4
SB-7	6/4/2024	1' - 3'	13.0
		12' - 14'	2.3
SB-8	6/4/2024	1' - 3'	9.7
		12' - 14'	1.5
SB-9	6/4/2024	1' - 3'	20.0
		11' - 13'	211
SB-10	6/5/2024	1' - 3'	1.8
		11' - 13'	1.9
SB-11	6/5/2024	1' - 3'	10.6
		11' - 13'	1.6
SB-12	6/5/2024	1' - 3'	10.8
		11' - 13'	8.9
SB-13	6/5/2024	1' - 3'	18.7
		11' - 13'	1.9
SB-14	6/5/2024	1' - 3'	16.1
		11' - 13'	1.7
SB-15	6/5/2024	1' - 3'	8.6
		13' - 15'	10.4
SB-16	6/5/2024	1' - 3'	15.7
		11' - 13'	1.6
FD-1*	6/4/2024	12' - 14'	1.7
FD-2**	6/5/2024	11' - 13'	1.6

Notes: Values presented in parts per million (ppm) or mg/kg.

\* FD-1 - Field Duplicate QA/QC Sample collected from sample SB-3 (12'-14').

\*\* FD-2 - Field Duplicate QA/QC Sample collected from sample SB-11 (11'-13').

Published levels based on IDEM Risk-based Closure Guide (R2) effective July 8, 2022 and updated March 1, 2024.

**Bold Cell** denotes value exceeds IDEM R2 Long Term Residential Soil Published Levels.

**Shaded Cell** denotes value exceeds IDEM R2 Long Term Commercial Soil Published Levels.

**Italicized Text** denotes value exceeds IDEM R2 Short Term Excavation Soil Published Levels.



**Table 5**  
**VOCs in Groundwater Analytical Results**  
**Genesis Convention Center Property**  
**401 Adams Street**  
**Gary, Indiana**

Sample Location	Date Sampled	Acetone	Benzene	2-Butanone (MEK)	n-Butylbenzene	sec-Butylbenzene	tert-Butylbenzene	Carbon tetrachloride	Ethylbenzene	n-Hexane	2-Hexanone	Isopropylbenzene (Cumene)	p-Isopropyltoluene	Methylene Chloride	Methyl-tert-butyl ether	n-Propylbenzene	Styrene	Tetrachloroethene	Toluene	Trichloroethene	1,2,4-Trimethylbenzene	1,3,5-Trimethylbenzene	Vinyl chloride	Xylene (Total)
<b>IDEM R2 Long Term Residential Published Levels</b>		<b>20,000</b>	<b>5</b>	<b>6,000</b>	<b>1,000</b>	<b>2,000</b>	<b>700</b>	<b>5</b>	<b>700</b>	<b>2,000</b>	<b>40</b>	<b>500</b>	<b>DNE</b>	<b>5</b>	<b>100</b>	<b>DNE</b>	<b>100</b>	<b>5</b>	<b>1,000</b>	<b>5</b>	<b>60</b>	<b>60</b>	<b>2</b>	<b>10,000</b>
SB-1	6/5/2024	<100	<5.0	<25.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<25.0	<5.0	<5.0	<5.0	<4.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<2.0	<10.0
SB-2	6/5/2024	<100	<5.0	<25.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<25.0	<5.0	<5.0	<5.0	<4.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<2.0	<10.0
SB-3	6/5/2024	<100	<5.0	<25.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<25.0	<5.0	<5.0	<5.0	<4.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<2.0	<10.0
SB-4	6/5/2024	<100	<5.0	<25.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<25.0	<5.0	<5.0	<5.0	<4.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<2.0	<10.0
SB-5	6/5/2024	<100	<5.0	<25.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<25.0	<5.0	<5.0	<5.0	<4.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<2.0	<10.0
SB-6	6/5/2024	<100	<5.0	<25.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<25.0	<5.0	<5.0	<5.0	<4.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<2.0	<10.0
DUP*	6/5/2024	<100	<5.0	<25.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<25.0	<5.0	<5.0	<5.0	<4.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<2.0	<10.0
SB-7	6/5/2024	<100	<5.0	<25.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<25.0	<5.0	<5.0	<5.0	<4.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<2.0	<10.0
SB-8	6/5/2024	<100	<5.0	<25.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<25.0	<5.0	<5.0	<5.0	<4.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<2.0	<10.0
SB-9	6/5/2024	<100	<5.0	<25.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<25.0	<5.0	<5.0	<5.0	<4.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<2.0	<10.0
SB-10	6/5/2024	<100	<5.0	<25.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<25.0	<5.0	<5.0	<5.0	<4.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<2.0	<10.0
SB-11	6/5/2024	<100	<5.0	<25.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<25.0	<5.0	<5.0	<5.0	<4.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<2.0	<10.0
SB-12	6/5/2024	<100	<5.0	<25.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<25.0	<5.0	<5.0	<5.0	<4.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<2.0	<10.0
SB-13	6/5/2024	<100	<5.0	<25.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<25.0	<5.0	<5.0	<5.0	<4.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<2.0	<10.0
SB-14	6/5/2024	<100	<5.0	<25.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<25.0	<5.0	<5.0	<5.0	<4.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<2.0	<10.0
SB-15	6/5/2024	<100	<5.0	<25.0	8.2	<5.0	<5.0	<5.0	<5.0	<5.0	<25.0	6.6	6.1	<5.0	<4.0	10.1	<5.0	<5.0	<5.0	<5.0	<b>77.7</b>	<5.0	<2.0	<10.0
SB-16	6/5/2024	<100	<5.0	<25.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<25.0	<5.0	<5.0	<5.0	<4.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<2.0	<10.0

Notes: Values presented in parts per billion (ppb) or ug/l.

\* DUP - Field Duplicate; Field Duplicate QA/QC Sample collected from sample SB-6.

Published levels based on IDEM Risk-based Closure Guide (R2) effective July 8, 2022 and updated March 1, 2024.

**DNE** Screening Level has not been established by IDEM and Does Not Exist in the IDEM R2 Published Levels table.

**Bold Cell** denotes value exceeds IDEM R2 Long Term Residential Groundwater Published Levels.

VOC Constituents not listed were identified below laboratory detection limits.

Non-detect concentrations encountered exceeding IDEM R2 Long Term Residential Published Levels are a result of laboratory dilution methods, but do not necessarily represent chemical impacts.

**Table 6**  
**PAHs in Groundwater Analytical Results**  
**Genesis Convention Center Property**  
**401 Adams Street**  
**Gary, Indiana**

Sample Location	Date Sampled	Acenaphthene	Acenaphthylene	Anthracene	Benzo(a)anthracene	Benzo(a)pyrene	Benzo(b)fluoranthene	Benzo(g,h,i)perylene	Benzo(k)fluoranthene	Chrysene	Dibenzo (a, h) anthracene	Fluoranthene	Fluorene	Indeno(1,2,3-cd)pyrene	1-Methylnaphthalene	2-Methylnaphthalene	Naphthalene	Phenanthrene	Pyrene
IDEM R2 Long Term Residential Published Levels		500	DNE	2,000	0.30	2.0	3.0	DNE	30	300	0.30	800	300	3.0	10	40	1.0	DNE	100
SB-1	6/5/2024	<1.0	<1.0	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.50	<0.10	<1.0	<1.0	<0.10	<1.0	<1.0	<1.0	<1.0	<1.0
SB-2	6/5/2024	<1.0	<1.0	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.50	<0.10	<1.0	<1.0	<0.10	<1.0	<1.0	<1.0	<1.0	<1.0
SB-3	6/5/2024	<0.99	<0.99	0.46	0.12	<0.099	<0.099	<0.099	<0.099	<0.50	<0.099	<0.99	<0.99	<0.099	<0.99	<0.99	<0.99	2.6	<0.99
SB-4	6/5/2024	<1.0	<1.0	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.50	<0.10	<1.0	<1.0	<0.10	<1.0	<1.0	<1.0	<1.0	<1.0
SB-5	6/5/2024	<0.98	<0.98	<0.098	<0.098	<0.098	<0.098	<0.098	<0.098	<0.49	<0.098	<0.98	<0.98	<0.098	<0.98	<0.98	<0.98	<0.98	<0.98
SB-6	6/5/2024	<1.0	<1.0	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.50	<0.10	<1.0	<1.0	<0.10	<1.0	<1.0	<1.0	<1.0	<1.0
DUP*	6/5/2024	<1.0	<1.0	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.50	<0.10	<1.0	<1.0	<0.10	<1.0	<1.0	<1.0	<1.0	<1.0
SB-7	6/5/2024	<1.0	<1.0	<0.10	0.12	<0.10	0.13	<0.10	<0.10	<0.50	<0.10	<1.0	<1.0	<0.10	<1.0	<1.0	<1.0	<1.0	<1.0
SB-8	6/5/2024	<0.98	<0.98	<0.098	<0.098	<0.098	<0.098	<0.098	<0.098	<0.49	<0.098	<0.98	<0.98	<0.098	<0.98	<0.98	<0.98	<0.98	<0.98
SB-9	6/5/2024	<1.0	<1.0	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.50	<0.10	<1.0	<1.0	<0.10	<1.0	<1.0	<1.0	<1.0	<1.0
SB-10	6/5/2024	<0.99	<0.99	<0.099	<0.099	<0.099	<0.099	<0.099	<0.099	<0.50	<0.099	<0.99	<0.99	<0.099	<0.99	<0.99	<0.99	<0.99	<0.99
SB-11	6/5/2024	<0.98	<0.98	<0.098	<0.098	<0.098	<0.098	<0.098	<0.098	<0.49	<0.098	<0.98	<0.98	<0.098	<0.98	<0.98	<0.98	<0.98	<0.98
SB-12	6/5/2024	13.2	<0.99	4.3	0.24	<0.099	<0.099	<0.099	<0.099	<0.50	<0.099	3.6	8.5	<0.099	2.2	<0.99	<0.99	14.2	2.5
SB-13	6/5/2024	<0.99	<0.99	<0.099	<0.099	<0.099	<0.099	<0.099	<0.099	<0.50	<0.099	<0.99	<0.99	<0.099	<0.99	<0.99	<0.99	<0.99	<0.99
SB-14	6/5/2024	<0.99	<0.99	<0.099	<0.099	<0.099	<0.099	<0.099	<0.099	<0.50	<0.099	<0.99	<0.99	<0.099	<0.99	<0.99	<0.99	<0.99	<0.99
SB-15	6/5/2024	<0.99	<0.99	<0.099	<0.099	<0.099	<0.099	<0.099	<0.099	<0.50	<0.099	<0.99	<0.99	<0.099	<b>21.6</b>	<0.99	<0.99	<0.99	<0.99
SB-16	6/5/2024	<1.0	<1.0	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.50	<0.10	<1.0	<1.0	<0.10	<1.0	<1.0	<1.0	<1.0	<1.0

Notes: Values presented in parts per billion (ppb) or ug/l.

\* DUP - Field Duplicate; Field Duplicate QA/QC Sample collected from sample SB-6.

Published levels based on IDEM Risk-based Closure Guide Technical Document effective July 8, 2022 and updated March 1, 2024.

**DNE** Screening Level has not been established by IDEM and Does Not Exist in the IDEM R2 Published Levels table.

**Bold Cell** denotes value exceeds IDEM R2 Long Term Residential Published Levels.

**Table 7  
Lead in Groundwater Analytical Results  
Genesis Convention Center Property  
401 Adams Street  
Gary, Indiana**

Sample Location	Date Sampled	Lead, Dissolved
<b>IDEM R2 Long Term Residential Published Levels</b>		<b>15</b>
<b>SB-1</b>	<b>6/5/2024</b>	<10.0
<b>SB-2</b>	<b>6/5/2024</b>	<10.0
<b>SB-3</b>	<b>6/5/2024</b>	<10.0
<b>SB-4</b>	<b>6/5/2024</b>	<10.0
<b>SB-5</b>	<b>6/5/2024</b>	<10.0
<b>SB-6</b>	<b>6/5/2024</b>	<10.0
<b>DUP*</b>	<b>6/5/2024</b>	<10.0
<b>SB-7</b>	<b>6/5/2024</b>	<10.0
<b>SB-8</b>	<b>6/5/2024</b>	<10.0
<b>SB-9</b>	<b>6/5/2024</b>	<10.0
<b>SB-10</b>	<b>6/5/2024</b>	<10.0
<b>SB-11</b>	<b>6/5/2024</b>	<10.0
<b>SB-12</b>	<b>6/5/2024</b>	<10.0
<b>SB-13</b>	<b>6/5/2024</b>	<10.0
<b>SB-14</b>	<b>6/5/2024</b>	<10.0
<b>SB-15</b>	<b>6/5/2024</b>	<10.0
<b>SB-16</b>	<b>6/5/2024</b>	<10.0

Notes: Values presented in parts per billion (ppb) or ug/l.

\* DUP - Field Duplicate QA/QC Sample collected from sample SB-6.

Published levels based on IDEM Risk-based Closure Guide (R2) effective July 8, 2022 and updated March 1, 2024.

**Bold cell** denotes value exceeds IDEM R2 Long Term Residential Published Levels.

**Table 8**  
**VOCs in Soil Gas Analytical Results**  
**Genesis Convention Center Property**  
**401 Adams Street**  
**Gary, Indiana**

Sample Location	Date Collected	Acetone	Acrolein	Benzene	1,3-Butadiene	2-Butanone (MEK)	tert-Butyl Alcohol	Carbon Disulfide	Carbon Tetrachloride	Cyclohexane	Dichlorodifluoromethane	Ethyl Acetate	Ethylbenzene	4-Ethyltoluene	n-Heptane	Hexane	2-Hexanone	Isopropyl Alcohol	Methyl Tert-Butyl Ether (MTBE)	4-Methyl-2-Pentanone (MIBK)	Naphthalene	Propylene	Tetrachloroethylene	Toluene	Trichloroethene	Trichlorofluoromethane	1,3,5-Trimethylbenzene	1,2,4-Trimethylbenzene	Vinyl Acetate	Vinyl Chloride	o-Xylene	m&p-Xylene
IDEM R2 Residential Shallow Exterior/Utility Corridor Soil Gas Published Level		DNE	0.20	40.0	9.00	50,000	50,000	7,000	50.0	60,000	1,000	700	100	DNE	4,000	7,000	300	2,000	1,000	30,000	DNE	30,000	400	50,000	20.0	DNE	600	600	2,000	20.0	1,000	1,000
IDEM R2 Commercial Shallow Exterior/Utility Corridor Soil Gas Published Level		DNE	0.90	200	40.0	200,000	200,000	30,000	200	300,000	4,000	3,000	500	DNE	20,000	30,000	1,000	9,000	5,000	100,000	DNE	100,000	2,000	200,000	90.0	DNE	3,000	3,000	9,000	300	4,000	4,000
IDEM R2 Large Commercial Shallow Exterior/Utility Corridor Soil Gas Published Level		DNE	9.00	2,000	400	2,000,000	2,000,000	300,000	2,000	3,000,000	40,000	30,000	5,000	DNE	200,000	300,000	10,000	90,000	50,000	1,000,000	DNE	1,000,000	20,000	2,000,000	900	DNE	30,000	30,000	90,000	3,000	40,000	40,000
SG-1	6/4/2024	72.0	< 1.1	5.6	2.1	19	7.4	< 3.1	< 3.1	< 1.7	190	< 1.8	3.6	3.2	2.6	< 18	< 8.2	< 4.9	< 1.8	< 20	< 5.2	15	27	12	< 1.3	11	2.6	12	< 7	< 1.3	5.4	14
SG-2	6/4/2024	110	< 1.1	6.7	6.3	13	11	22	< 3.1	26	450	< 1.8	5.9	4.5	15	31	< 8.2	6.8	< 1.8	< 20	< 5.2	60	43	20	< 1.3	46	4.1	17	< 7	< 1.3	8.7	23
SG-3	6/4/2024	71.0	< 1.1	2.7	3.4	23	21	3.3	< 3.1	2.6	38	< 1.8	7.0	5.9	4.0	< 18	< 8.2	7.9	< 1.8	< 20	< 5.2	16	57	20	< 1.3	< 2.8	5.4	22	< 7	< 1.3	10	27
SG-4	6/4/2024	650	< 1.1	29.0	< 1.1	43	34	47	< 3.1	6.5	130	< 1.8	9.7	5.4	430	980	< 8.2	6.1	< 1.8	28	< 5.2	240	54	34	< 1.3	6.9	5.0	19	< 7	< 1.3	11	29
SG-5	6/4/2024	130	<b>4.2</b>	6.0	6.9	39	25	29	< 3.1	2.3	20	< 1.8	12	5.8	7.2	< 18	11	17	< 1.8	23	< 5.2	38	76	24	< 1.3	< 2.8	5.3	21	9.9	< 1.3	16	43
SG-6	6/4/2024	160	<b>3.6</b>	5.8	<b>12</b>	28	23	150	< 3.1	2.5	3.4	< 1.8	8.1	6.1	39	79	11	7.1	< 1.8	< 20	< 5.2	78	58	24	< 1.3	8.1	5.8	22	< 7	< 1.3	12	29
SG-7	6/4/2024	350	< 1.1	23	< 1.1	32	25	170	< 3.1	23	220	< 1.8	14	6.9	140	310	28	14	< 1.8	33	< 5.2	220	160	52	< 1.3	81	6.7	26	< 7	< 1.3	14	36
SG-8	6/4/2024	170	<b>1.7</b>	9.0	<b>13</b>	54	26	87	< 3.1	5.1	5.1	< 1.8	7.9	6.2	14	27	12	11	< 1.8	37	< 5.2	81	57	26	< 1.3	< 2.8	5.8	23	< 7	< 1.3	12	29
SG-9	6/4/2024	80.0	< 1.1	4.5	2.9	25	31	37	< 3.1	6.6	2.5	< 1.8	5.2	4.1	14	27	13	18	< 1.8	29	< 5.2	19	90	17	< 1.3	< 2.8	4.1	16	< 7	< 1.3	8.1	19
SG-10	6/5/2024	120	<b>1.6</b>	6.8	<b>14</b>	39	14	5.1	< 3.1	5.1	< 2.5	31	6.0	4.3	13	18	< 8.2	5.7	< 1.8	< 20	< 5.2	71	58	22	< 1.3	< 2.8	4.3	17	< 7	< 1.3	8.4	20
SG-11	6/5/2024	65	< 1.1	3.4	2.4	18	21	59	< 3.1	1.8	150	< 1.8	5.0	4.3	7.1	19	13	10	< 1.8	27	< 5.2	17	370	14	1.4	12	4.1	16	< 7	< 1.3	7.8	19
SG-12	6/5/2024	29	< 1.1	1.8	1.9	< 5.9	3.7	4.2	< 3.1	< 1.7	3.8	< 1.8	5.6	4.6	3.0	< 18	< 8.2	< 4.9	< 1.8	< 20	< 5.2	8.9	170	17	< 1.3	12	4.7	18	< 7	< 1.3	9.0	21
FD-1*	6/5/2024	19	< 1.1	< 1.6	< 1.1	< 5.9	< 3	< 3.1	< 3.1	< 1.7	4.3	< 1.8	4.1	4.1	2.1	< 18	< 8.2	< 4.9	< 1.8	< 20	< 5.2	4.9	190	12	< 1.3	12	4.3	18	< 7	< 1.3	7.2	17
SG-13	6/5/2024	140	<b>1.7</b>	5.1	8.9	34	13	110	4.6	13	< 2.5	< 1.8	5.7	4.4	41	49	< 8.2	6.7	< 1.8	< 20	< 5.2	71	130	15	< 1.3	< 2.8	5.2	18	7.6	< 1.3	8.6	20
SG-14	6/5/2024	270	< 1.1	12	<b>19</b>	23	< 3	40	< 3.1	11	< 2.5	< 1.8	8.8	4.7	160	360	< 8.2	< 4.9	< 1.8	< 20	< 5.2	150	79	32	9.8	< 2.8	4.8	18	< 7	< 1.3	9.4	23
SG-15	6/5/2024	310	<b>4.5</b>	<b>40</b>	<b>22</b>	19	6.8	25	< 3.1	120	3.2	< 1.8	8.3	4.2	79	230	12	< 4.9	< 1.8	< 20	< 5.2	180	52	45	< 1.3	1,100	4.3	16	< 7	< 1.3	9.8	24
SG-16	6/5/2024	32	< 1.1	1.8	1.6	6.6	6.1	46	< 3.1	< 1.7	22	< 1.8	2.9	3.5	14	26	< 8.2	< 4.9	< 1.8	< 20	< 5.2	14	21	6.3	< 1.3	24	3.4	15	< 7	< 1.3	4.6	11

Notes: Values presented in micrograms per cubic meter (µg/m3).

\* FD-1 - Field Duplicate QA/QC sample collected from sample SG-12.

Published levels based on IDEM Risk-based Closure Guide Technical Document effective July 8, 2022 and updated March 1, 2024.

DNE Published Level has not been established by IDEM and Does Not Exist in the IDEM R2 Published Levels table.

**Bold Cell** denotes value exceeds IDEM R2 Residential Shallow Exterior/Utility Corridor Soil Gas Exposure Published Levels.

**Shaded Cell** denotes value exceeds IDEM R2 Commercial Shallow Exterior/Utility Corridor Soil Gas Exposure Published Levels.

**Italicized Text** denotes value exceeds IDEM R2 Large Commercial Shallow Exterior/Utility Corridor Soil Gas Exposure Published Levels.

Non-detect concentrations exceeding IDEM R2 Published Criteria do not necessarily represent chemical impacts.

**APPENDIX A**  
**Soil Boring Logs**

# SB-1

5113-24-07	Genesis Convention Center	401 Adams Street	Gary, Indiana
Drilling Contractor	Seratech Drilling & Exploration, LLC	Drill Rig	Geoprobe 7822 DT
Driller	Brian Blake License 4520WD	Ground Elevation	Not Surveyed
Geologist	Ryan M. Orzechowicz, LPG	Static Water Level	14'
Date Drilled	6/4/24	Total Depth of Borehole	18' Feet
Boring Diameter	2.25 Inches	Boring Method	Direct Push / Continuous

Graphic Log	Description	Depth (ft)	Sample	Recovery (ft)	Blow Count	PID (ppm)	Completion
	TOPSOIL					0.0	
	10YR 4/3 Brown, SAND, fine grained, slightly moist	0 5 10 15				0.0	
	10YR 4/3 Brown, SAND, fine grained, saturated	15				0.0	
	Boring terminated at 18' @9:28					0.0	

P:\Indiana Brownfields Program Projects\City of Gary CWAG\9 - Genesis Center Phase II\ESA\Boring Logs\IFA Gary Genesis Center Phase II Boring Logs.w2

# SB-2

5113-24-07	Genesis Convention Center	401 Adams Street	Gary, Indiana
Drilling Contractor Seratech Drilling & Exploration, LLC		Drill Rig Geoprobe 7822 DT	
Driller Brian Blake License 4520WD		Ground Elevation Not Surveyed	
Geologist Ryan M. Orzechowicz, LPG		Static Water Level 14'	
Date Drilled 6/4/24		Total Depth of Borehole 18' Feet	
Boring Diameter 2.25 Inches		Boring Method Direct Push / Continuous	

Graphic Log	Description	Depth (ft)	Sample	Recovery (ft)	Blow Count	PID (ppm)	Completion
	ASPHALT					0.0	
	10YR 4/3 Brown, SAND, fine grained, slightly moist	5				0.0	
	10YR 4/3 Brown, SAND, fine grained, saturated	15				0.0	
	Boring terminated at 18' @10:15					0.0	

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# SB-3

5113-24-07	Genesis Convention Center	401 Adams Street	Gary, Indiana
Drilling Contractor	Seratech Drilling & Exploration, LLC	Drill Rig	Geoprobe 7822 DT
Driller	Brian Blake License 4520WD	Ground Elevation	Not Surveyed
Geologist	Ryan M. Orzechowicz, LPG	Static Water Level	14'
Date Drilled	6/4/24	Total Depth of Borehole	18' Feet
Boring Diameter	2.25 Inches	Boring Method	Direct Push / Continuous

Graphic Log	Description	Depth (ft)	Sample	Recovery (ft)	Blow Count	PID (ppm)	Completion
	ASPHALT					0.0	
	10YR 4/3 Brown, SAND, fine grained, slightly moist	0 5 10 15				0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	
	10YR 4/3 Brown, SAND, fine grained, saturated	15				0.0 0.0	
	Boring terminated at 18' @11:06					0.0	

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# SB-4

5113-24-07	Genesis Convention Center	401 Adams Street	Gary, Indiana
Drilling Contractor Seratech Drilling & Exploration, LLC		Drill Rig Geoprobe 7822 DT	
Driller Brian Blake License 4520WD		Ground Elevation Not Surveyed	
Geologist Ryan M. Orzechowicz, LPG		Static Water Level 14'	
Date Drilled 6/4/24		Total Depth of Borehole 18' Feet	
Boring Diameter 2.25 Inches		Boring Method Direct Push / Continuous	

Graphic Log	Description	Depth (ft)	Sample	Recovery (ft)	Blow Count	PID (ppm)	Completion
	ASPHALT					0.0	
	10YR 4/3 Brown, SAND, fine grained, slightly moist	5				0.0	
						0.0	
						0.0	
		10				0.0	
						0.0	
						0.0	
	10YR 4/3 Brown, SAND, fine grained, saturated	15				0.0	
						0.0	
	Boring terminated at 18' @12:45					0.0	

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# SB-5

5113-24-07      Genesis Convention Center      401 Adams Street      Gary, Indiana

Drilling Contractor Seratech Drilling & Exploration, LLC	Drill Rig Geoprobe 7822 DT
Driller Brian Blake License 4520WD	Ground Elevation Not Surveyed
Geologist Ryan M. Orzechowicz, LPG	Static Water Level 14'
Date Drilled 6/4/24	Total Depth of Borehole 18' Feet
Boring Diameter 2.25 Inches	Boring Method Direct Push / Continuous

Graphic Log	Description	Depth (ft)	Sample	Recovery (ft)	Blow Count	PID (ppm)	Completion
	TOPSOIL					0.0	
	10YR 4/3 Brown, SAND, fine grained, slightly moist	5				0.0	
						0.0	
						0.0	
						0.0	
						0.0	
		10				0.0	
						0.0	
						0.0	
						0.0	
						0.0	
	10YR 4/3 Brown, SAND, fine grained, saturated	15				0.0	
						0.0	
						0.0	
						0.0	
	Boring terminated at 18' @13:26					0.0	

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# SB-6

5113-24-07      Genesis Convention Center      401 Adams Street      Gary, Indiana

Drilling Contractor Seratech Drilling & Exploration, LLC	Drill Rig Geoprobe 7822 DT
Driller Brian Blake License 4520WD	Ground Elevation Not Surveyed
Geologist Ryan M. Orzechowicz, LPG	Static Water Level 14'
Date Drilled 6/4/24	Total Depth of Borehole 18' Feet
Boring Diameter 2.25 Inches	Boring Method Direct Push / Continuous

Graphic Log	Description	Depth (ft)	Sample	Recovery (ft)	Blow Count	PID (ppm)	Completion
	TOPSOIL					0.0	
	10YR 4/3 Brown, SAND, fine grained, slightly moist	0				0.0	
		5				0.0	
		10				0.0	
		15				0.0	
	10YR 4/3 Brown, SAND, fine grained, saturated					0.0	
	Boring terminated at 18' @14:00					0.0	

# SB-7

5113-24-07	Genesis Convention Center	401 Adams Street	Gary, Indiana
Drilling Contractor	Seratech Drilling & Exploration, LLC	Drill Rig	Geoprobe 7822 DT
Driller	Brian Blake License 4520WD	Ground Elevation	Not Surveyed
Geologist	Ryan M. Orzechowicz, LPG	Static Water Level	14'
Date Drilled	6/4/24	Total Depth of Borehole	18' Feet
Boring Diameter	2.25 Inches	Boring Method	Direct Push / Continuous

Graphic Log	Description	Depth (ft)	Sample	Recovery (ft)	Blow Count	PID (ppm)	Completion
	CONCRETE					0.0	
	10YR 4/3 Brown, SAND, fine grained, slightly moist	5				0.0	
		10				0.0	
		15				0.0	
	10YR 4/3 Brown, SAND, fine grained, saturated					0.0	
	Boring terminated at 18' @14:52					0.0	

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# SB-8

5113-24-07      Genesis Convention Center      401 Adams Street      Gary, Indiana

Drilling Contractor	Seratech Drilling & Exploration, LLC	Drill Rig	Geoprobe 7822 DT
Driller	Brian Blake      License 4520WD	Ground Elevation	Not Surveyed
Geologist	Ryan M. Orzechowicz, LPG	Static Water Level	14'
Date Drilled	6/4/24	Total Depth of Borehole	18' Feet
Boring Diameter	2.25 Inches	Boring Method	Direct Push / Continuous

Graphic Log	Description	Depth (ft)	Sample	Recovery (ft)	Blow Count	PID (ppm)	Completion
	TOPSOIL					0.0	
	10YR 4/3 Brown, SAND, fine grained, slightly moist	5				0.0	
	10YR 4/3 Brown, SAND, fine grained, saturated	15				0.0	
	Boring terminated at 18' @15:28					0.0	

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# SB-9

5113-24-07      Genesis Convention Center      401 Adams Street      Gary, Indiana

Drilling Contractor Seratech Drilling & Exploration, LLC	Drill Rig Geoprobe 7822 DT
Driller Brian Blake License 4520WD	Ground Elevation Not Surveyed
Geologist Ryan M. Orzechowicz, LPG	Static Water Level 13'
Date Drilled 6/4/24	Total Depth of Borehole 18' Feet
Boring Diameter 2.25 Inches	Boring Method Direct Push / Continuous

Graphic Log	Description	Depth (ft)	Sample	Recovery (ft)	Blow Count	PID (ppm)	Completion
	ASPHALT					0.0	
	10YR 4/3 Brown, SAND, fine grained, slightly moist	5				0.0	
						0.0	
						0.0	
		10				0.0	
						0.0	
	10YR 4/3 Brown, SAND, fine grained, saturated	15				0.0	
						0.0	
						0.0	
	Boring terminated at 18' @16:15					0.0	

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# SB-10

5113-24-07      Genesis Convention Center      401 Adams Street      Gary, Indiana

Drilling Contractor Seratech Drilling & Exploration, LLC      Drill Rig Geoprobe 7822 DT

Driller Brian Blake      License 4520WD      Ground Elevation Not Surveyed

Geologist Ryan M. Orzechowicz, LPG      Static Water Level 13'

Date Drilled 6/5/24      Total Depth of Borehole 18' Feet

Boring Diameter 2.25 Inches      Boring Method Direct Push / Continuous

Graphic Log	Description	Depth (ft)	Sample	Recovery (ft)	Blow Count	PID (ppm)	Completion
	TOPSOIL					0.0	
	10YR 4/3 Brown, SAND, fine grained, slightly moist	0 5 10 15				0.0 0.0 0.0 0.0	
	10YR 4/3 Brown, SAND, fine grained, saturated					0.0	
	Boring terminated at 18' @13:42					0.0	

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# SB-11

5113-24-07	Genesis Convention Center	401 Adams Street	Gary, Indiana
Drilling Contractor Seratech Drilling & Exploration, LLC		Drill Rig Geoprobe 7822 DT	
Driller Brian Blake License 4520WD		Ground Elevation Not Surveyed	
Geologist Ryan M. Orzechowicz, LPG		Static Water Level 13'	
Date Drilled 6/5/24		Total Depth of Borehole 18' Feet	
Boring Diameter 2.25 Inches		Boring Method Direct Push / Continuous	

Graphic Log	Description	Depth (ft)	Sample	Recovery (ft)	Blow Count	PID (ppm)	Completion
	ASPHALT					0.0	
	10YR 4/3 Brown, SAND, fine grained, slightly moist	5				0.0	
	10YR 4/3 Brown, SAND, fine grained, saturated	10				0.0	
	10YR 4/3 Brown, SAND, fine grained, saturated	15				0.0	
	Boring terminated at 18' @8:27					0.0	

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# SB-12

5113-24-07      Genesis Convention Center      401 Adams Street      Gary, Indiana

Drilling Contractor Seratech Drilling & Exploration, LLC	Drill Rig Geoprobe 7822 DT
Driller Brian Blake License 4520WD	Ground Elevation Not Surveyed
Geologist Ryan M. Orzechowicz, LPG	Static Water Level 13'
Date Drilled 6/5/24	Total Depth of Borehole 18' Feet
Boring Diameter 2.25 Inches	Boring Method Direct Push / Continuous

Graphic Log	Description	Depth (ft)	Sample	Recovery (ft)	Blow Count	PID (ppm)	Completion
	TOPSOIL					0.0	
	10YR 4/3 Brown, SAND, fine grained, slightly moist	5				0.0	
						0.0	
						0.0	
						0.0	
		10				0.0	
						0.0	
						0.0	
	10YR 4/3 Brown, SAND, fine grained, saturated	15				0.0	
						0.0	
						0.0	
	Boring terminated at 18' @12:28					0.0	

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# SB-13

5113-24-07      Genesis Convention Center      401 Adams Street      Gary, Indiana

Drilling Contractor Seratech Drilling & Exploration, LLC	Drill Rig Geoprobe 7822 DT
Driller Brian Blake License 4520WD	Ground Elevation Not Surveyed
Geologist Ryan M. Orzechowicz, LPG	Static Water Level 13'
Date Drilled 6/5/24	Total Depth of Borehole 18' Feet
Boring Diameter 2.25 Inches	Boring Method Direct Push / Continuous

Graphic Log	Description	Depth (ft)	Sample	Recovery (ft)	Blow Count	PID (ppm)	Completion
	TOPSOIL					0.0	
	10YR 4/3 Brown, SAND, fine grained, slightly moist	5				0.0	
						0.0	
						0.0	
						0.0	
		10				0.0	
						0.0	
						0.0	
						0.0	
						0.0	
		15				0.0	
						0.0	
						0.0	
						0.0	
	Boring terminated at 18' @13:09					0.0	

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# SB-14

5113-24-07

Genesis Convention Center

401 Adams Street

Gary, Indiana

Drilling Contractor Seratech Drilling & Exploration, LLC

Drill Rig Geoprobe 7822 DT

Driller Brian Blake License 4520WD

Ground Elevation Not Surveyed

Geologist Ryan M. Orzechowicz, LPG

Static Water Level 13'

Date Drilled 6/5/24

Total Depth of Borehole 18' Feet

Boring Diameter 2.25 Inches

Boring Method Direct Push / Continuous

Graphic Log	Description	Depth (ft)	Sample	Recovery (ft)	Blow Count	PID (ppm)	Completion
	TOPSOIL					0.0	
	10YR 4/3 Brown, SAND, fine grained, slightly moist					0.0	
		5				0.0	
						0.0	
						0.0	
		10				0.0	
						0.0	
						0.0	
	10YR 4/3 Brown, SAND, fine grained, saturated					0.0	
		15				0.0	
						0.0	
						0.0	
	Boring terminated at 18' @11:39					0.0	

# SB-15

5113-24-07      Genesis Convention Center      401 Adams Street      Gary, Indiana




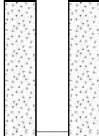
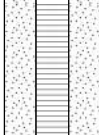
Drilling Contractor Seratech Drilling & Exploration, LLC	Drill Rig Geoprobe 7822 DT
Driller Brian Blake License 4520WD	Ground Elevation Not Surveyed
Geologist Ryan M. Orzechowicz, LPG	Static Water Level 13'
Date Drilled 6/5/24	Total Depth of Borehole 18' Feet
Boring Diameter 2.25 Inches	Boring Method Direct Push / Continuous

Graphic Log	Description	Depth (ft)	Sample	Recovery (ft)	Blow Count	PID (ppm)	Completion
	TOPSOIL					0.0	
	10YR 4/3 Brown, SAND, fine grained, slightly moist	5				0.0	
						0.0	
						0.0	
						0.0	
		10				0.0	
						0.0	
	10YR 4/3 Brown, SAND, fine grained, saturated					8.6	
	10YR 2/1 Black, SAND, fine grained, saturated, slight petroleum odor	15				43.6	
						29.2	
						0.5	
	10YR 4/3 Brown, SAND, fine grained, saturated						
	Boring terminated at 18' @10:22						

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# SB-16

5113-24-07	Genesis Convention Center	401 Adams Street	Gary, Indiana
Drilling Contractor Seratech Drilling & Exploration, LLC		Drill Rig Geoprobe 7822 DT	
Driller Brian Blake License 4520WD		Ground Elevation Not Surveyed	
Geologist Ryan M. Orzechowicz, LPG		Static Water Level 13'	
Date Drilled 6/5/24		Total Depth of Borehole 18' Feet	
Boring Diameter 2.25 Inches		Boring Method Direct Push / Continuous	

Graphic Log	Description	Depth (ft)	Sample	Recovery (ft)	Blow Count	PID (ppm)	Completion
	<p>TOPSOIL</p> <p>10YR 4/3 Brown, SAND, fine grained, slightly moist</p>	5				0.0	
	<p>10YR 4/3 Brown, SAND, fine grained, saturated</p>	10				0.0	
	<p>Boring terminated at 18' @9:34</p>	15				0.0	

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## **APPENDIX B**

### **Soil Laboratory Certificate of Analysis**



June 20, 2024

Ryan Orzechowicz  
Heartland Environmental  
3410 Mishawaka Avenue  
South Bend, IN 46615

RE: Project: Genesis Convention Center  
Pace Project No.: 50375189

Dear Ryan Orzechowicz:

Enclosed are the analytical results for sample(s) received by the laboratory on June 06, 2024. The results relate only to the samples included in this report. Results reported herein conform to the applicable TNI/NELAC Standards and the laboratory's Quality Manual, where applicable, unless otherwise noted in the body of the report.

The test results provided in this final report were generated by each of the following laboratories within the Pace Network:

- Pace Analytical Services - Indianapolis

If you have any questions concerning this report, please feel free to contact me.

Sincerely,

A handwritten signature in black ink that reads "Allison Martinez".

Allison Martinez  
allison.martinez@pacelabs.com  
(317)228-3118  
Project Manager

Enclosures



## REPORT OF LABORATORY ANALYSIS

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without the written consent of Pace Analytical Services, LLC.



## CERTIFICATIONS

Project: Genesis Convention Center

Pace Project No.: 50375189

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### **Pace Analytical Services Indianapolis**

7726 Moller Road, Indianapolis, IN 46268

Illinois Accreditation #: 200074

Indiana Drinking Water Laboratory #: C-49-06

Kansas/TNI Certification #: E-10177

Kentucky UST Agency Interest #: 80226

Kentucky WW Laboratory ID #: 98019

Michigan Drinking Water Laboratory #9050

Ohio VAP Certified Laboratory #: CL0065

Oklahoma Laboratory #: 9204

Texas Certification #: T104704355

Washington Dept of Ecology #: C1081

Wisconsin Laboratory #: 999788130

USDA Foreign Soil Permit #: 525-23-13-23119

USDA Compliance Agreement #: IN-SL-22-001

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## REPORT OF LABORATORY ANALYSIS

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**SAMPLE SUMMARY**

Project: Genesis Convention Center

Pace Project No.: 50375189

Lab ID	Sample ID	Matrix	Date Collected	Date Received
50375189001	SB-1 (1-3)	Solid	06/04/24 09:09	06/06/24 13:02
50375189002	SB-1 (12-14)	Solid	06/04/24 09:28	06/06/24 13:02
50375189003	SB-2 (1-3)	Solid	06/04/24 10:02	06/06/24 13:02
50375189004	SB-2 (12-14)	Solid	06/04/24 10:15	06/06/24 13:02
50375189005	SB-3 (1-3)	Solid	06/04/24 10:55	06/06/24 13:02
50375189006	SB-3 (12-14)	Solid	06/04/24 11:06	06/06/24 13:02
50375189007	SB-4 (1-3)	Solid	06/04/24 12:38	06/06/24 13:02
50375189008	SB-4 (12-14)	Solid	06/04/24 12:45	06/06/24 13:02
50375189009	SB-5 (1-3)	Solid	06/04/24 13:17	06/06/24 13:02
50375189010	SB-5 (12-14)	Solid	06/04/24 13:26	06/06/24 13:02
50375189011	SB-6 (1-3)	Solid	06/04/24 13:54	06/06/24 13:02
50375189012	SB-6 (12-14)	Solid	06/04/24 14:08	06/06/24 13:02
50375189013	SB-7 (1-3)	Solid	06/04/24 14:39	06/06/24 13:02
50375189014	SB-7 (12-14)	Solid	06/04/24 14:52	06/06/24 13:02
50375189015	SB-8 (1-3)	Solid	06/04/24 15:19	06/06/24 13:02
50375189016	SB-8 (12-14)	Solid	06/04/24 15:28	06/06/24 13:02
50375189017	SB-9 (1-3)	Solid	06/04/24 15:58	06/06/24 13:02
50375189018	SB-9 (11-13)	Solid	06/04/24 16:15	06/06/24 13:02
50375189019	SB-10 (1-3)	Solid	06/05/24 13:33	06/06/24 13:02
50375189020	SB-10 (11-13)	Solid	06/05/24 13:42	06/06/24 13:02
50375189021	SB-11 (1-3)	Solid	06/05/24 08:20	06/06/24 13:02
50375189022	SB-11 (11-13)	Solid	06/05/24 08:27	06/06/24 13:02
50375189023	SB-12 (1-3)	Solid	06/05/24 12:19	06/06/24 13:02
50375189024	SB-12 (11-13)	Solid	06/05/24 12:28	06/06/24 13:02
50375189025	SB-13 (1-3)	Solid	06/05/24 12:59	06/06/24 13:02
50375189026	SB-13 (11-13)	Solid	06/05/24 13:09	06/06/24 13:02
50375189027	SB-14 (1-3)	Solid	06/05/24 11:30	06/06/24 13:02
50375189028	SB-14 (11-13)	Solid	06/05/24 11:39	06/06/24 13:02
50375189029	SB-15 (1-3)	Solid	06/05/24 10:09	06/06/24 13:02
50375189030	SB-15 (13-15)	Solid	06/05/24 10:22	06/06/24 13:02
50375189031	SB-16 (1-3)	Solid	06/05/24 09:25	06/06/24 13:02
50375189032	SB-16 (11-13)	Solid	06/05/24 09:34	06/06/24 13:02
50375189033	FD-1	Solid	06/04/24 08:00	06/06/24 13:02
50375189034	FD-2	Solid	06/05/24 08:00	06/06/24 13:02

**REPORT OF LABORATORY ANALYSIS**

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### SAMPLE ANALYTE COUNT

Project: Genesis Convention Center

Pace Project No.: 50375189

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
50375189001	SB-1 (1-3)	EPA 6010	NWB	1	PASI-I
		EPA 8270 by SIM	JCM	20	PASI-I
		EPA 8260	SLB	73	PASI-I
		SM 2540G	QAK	1	PASI-I
50375189002	SB-1 (12-14)	EPA 6010	NWB	1	PASI-I
		EPA 8270 by SIM	JCM	20	PASI-I
		EPA 8260	SLB	73	PASI-I
		SM 2540G	QAK	1	PASI-I
50375189003	SB-2 (1-3)	EPA 6010	NWB	1	PASI-I
		EPA 8270 by SIM	JCM	20	PASI-I
		EPA 8260	SLB	73	PASI-I
		SM 2540G	QAK	1	PASI-I
50375189004	SB-2 (12-14)	EPA 6010	NWB	1	PASI-I
		EPA 8270 by SIM	JCM	20	PASI-I
		EPA 8260	SLB	73	PASI-I
		SM 2540G	QAK	1	PASI-I
50375189005	SB-3 (1-3)	EPA 6010	NWB	1	PASI-I
		EPA 8270 by SIM	JCM	20	PASI-I
		EPA 8260	SLB	73	PASI-I
		SM 2540G	QAK	1	PASI-I
50375189006	SB-3 (12-14)	EPA 6010	NWB	1	PASI-I
		EPA 8270 by SIM	JCM	20	PASI-I
		EPA 8260	SLB	73	PASI-I
		SM 2540G	QAK	1	PASI-I
50375189007	SB-4 (1-3)	EPA 6010	NWB	1	PASI-I
		EPA 8270 by SIM	JCM	20	PASI-I
		EPA 8260	SLB	73	PASI-I
		SM 2540G	QAK	1	PASI-I
50375189008	SB-4 (12-14)	EPA 6010	NWB	1	PASI-I
		EPA 8270 by SIM	JCM	20	PASI-I
		EPA 8260	SLB	73	PASI-I
		SM 2540G	QAK	1	PASI-I
50375189009	SB-5 (1-3)	EPA 6010	NWB	1	PASI-I
		EPA 8270 by SIM	JCM	20	PASI-I
		EPA 8260	SLB	73	PASI-I
		SM 2540G	QAK	1	PASI-I
50375189010	SB-5 (12-14)	EPA 6010	NWB	1	PASI-I

### REPORT OF LABORATORY ANALYSIS

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**SAMPLE ANALYTE COUNT**

Project: Genesis Convention Center

Pace Project No.: 50375189

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
50375189011	SB-6 (1-3)	EPA 8270 by SIM	JCM	20	PASI-I
		EPA 8260	SLB	73	PASI-I
		SM 2540G	QAK	1	PASI-I
		EPA 6010	NWB	1	PASI-I
50375189012	SB-6 (12-14)	EPA 8270 by SIM	JCM	20	PASI-I
		EPA 8260	SLB	73	PASI-I
		SM 2540G	QAK	1	PASI-I
		EPA 6010	NWB	1	PASI-I
50375189013	SB-7 (1-3)	EPA 8270 by SIM	JCM	20	PASI-I
		EPA 8260	SLB	73	PASI-I
		SM 2540G	QAK	1	PASI-I
		EPA 6010	NWB	1	PASI-I
50375189014	SB-7 (12-14)	EPA 8270 by SIM	JCM	20	PASI-I
		EPA 8260	SLB	73	PASI-I
		SM 2540G	QAK	1	PASI-I
		EPA 6010	NWB	1	PASI-I
50375189015	SB-8 (1-3)	EPA 8270 by SIM	JCM	20	PASI-I
		EPA 8260	SLB	73	PASI-I
		SM 2540G	QAK	1	PASI-I
		EPA 6010	NWB	1	PASI-I
50375189016	SB-8 (12-14)	EPA 8270 by SIM	JCM	20	PASI-I
		EPA 8260	SLB	73	PASI-I
		SM 2540G	QAK	1	PASI-I
		EPA 6010	NWB	1	PASI-I
50375189017	SB-9 (1-3)	EPA 8270 by SIM	JCM	20	PASI-I
		EPA 8260	SLB	73	PASI-I
		SM 2540G	QAK	1	PASI-I
		EPA 6010	NWB	1	PASI-I
50375189018	SB-9 (11-13)	EPA 8270 by SIM	JCM	20	PASI-I
		EPA 8260	SLB	73	PASI-I
		SM 2540G	QAK	1	PASI-I
		EPA 6010	NWB	1	PASI-I
50375189019	SB-10 (1-3)	EPA 8270 by SIM	JCM	20	PASI-I
		EPA 8260	SLB	73	PASI-I
		SM 2540G	QAK	1	PASI-I
		EPA 6010	NWB	1	PASI-I
		EPA 8270 by SIM	JCM	20	PASI-I

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**SAMPLE ANALYTE COUNT**

Project: Genesis Convention Center

Pace Project No.: 50375189

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
50375189020	SB-10 (11-13)	EPA 8260	SLB	73	PASI-I
		SM 2540G	QAK	1	PASI-I
		EPA 6010	NWB	1	PASI-I
		EPA 8270 by SIM	JCM	20	PASI-I
		EPA 8260	SLB	73	PASI-I
50375189021	SB-11 (1-3)	SM 2540G	QAK	1	PASI-I
		EPA 6010	JPK	1	PASI-I
		EPA 8270 by SIM	JCM	20	PASI-I
		EPA 8260	SLB	73	PASI-I
		SM 2540G	QAK	1	PASI-I
50375189022	SB-11 (11-13)	EPA 6010	JPK	1	PASI-I
		EPA 8270 by SIM	JCM	20	PASI-I
		EPA 8260	SLB	73	PASI-I
		SM 2540G	QAK	1	PASI-I
		EPA 6010	JPK	1	PASI-I
50375189023	SB-12 (1-3)	EPA 8270 by SIM	JCM	20	PASI-I
		EPA 8260	BES	73	PASI-I
		SM 2540G	QAK	1	PASI-I
		EPA 6010	JPK	1	PASI-I
		EPA 8270 by SIM	JCM	20	PASI-I
50375189024	SB-12 (11-13)	EPA 8260	BES	73	PASI-I
		SM 2540G	QAK	1	PASI-I
		EPA 6010	JPK	1	PASI-I
		EPA 8270 by SIM	JCM	20	PASI-I
		EPA 8260	BES	73	PASI-I
50375189025	SB-13 (1-3)	SM 2540G	QAK	1	PASI-I
		EPA 6010	JPK	1	PASI-I
		EPA 8270 by SIM	JCM	20	PASI-I
		EPA 8260	BES	73	PASI-I
		SM 2540G	QAK	1	PASI-I
50375189026	SB-13 (11-13)	EPA 6010	JPK	1	PASI-I
		EPA 8270 by SIM	JCM	20	PASI-I
		EPA 8260	BES	73	PASI-I
		SM 2540G	QAK	1	PASI-I
		EPA 6010	JPK	1	PASI-I
50375189027	SB-14 (1-3)	EPA 8270 by SIM	JCM	20	PASI-I
		EPA 8260	BES	73	PASI-I
		SM 2540G	QAK	1	PASI-I
		EPA 6010	JPK	1	PASI-I
		EPA 8270 by SIM	JCM	20	PASI-I
50375189028	SB-14 (11-13)	EPA 8260	BES	73	PASI-I
		SM 2540G	QAK	1	PASI-I
		EPA 6010	JPK	1	PASI-I
		EPA 8270 by SIM	JCM	20	PASI-I
		EPA 8260	BES	73	PASI-I

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### SAMPLE ANALYTE COUNT

Project: Genesis Convention Center

Pace Project No.: 50375189

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
50375189029	SB-15 (1-3)	SM 2540G	QAK	1	PASI-I
		EPA 6010	JPK	1	PASI-I
		EPA 8270 by SIM	JCM	20	PASI-I
		EPA 8260	BES	73	PASI-I
50375189030	SB-15 (13-15)	SM 2540G	QAK	1	PASI-I
		EPA 6010	JPK	1	PASI-I
		EPA 8270 by SIM	JCM	20	PASI-I
		EPA 8260	BES	73	PASI-I
50375189031	SB-16 (1-3)	SM 2540G	QAK	1	PASI-I
		EPA 6010	JPK	1	PASI-I
		EPA 8270 by SIM	JCM	20	PASI-I
		EPA 8260	BES	73	PASI-I
50375189032	SB-16 (11-13)	SM 2540G	QAK	1	PASI-I
		EPA 6010	JPK	1	PASI-I
		EPA 8270 by SIM	JCM	20	PASI-I
		EPA 8260	BES	73	PASI-I
50375189033	FD-1	SM 2540G	QAK	1	PASI-I
		EPA 6010	JPK	1	PASI-I
		EPA 8270 by SIM	JCM	20	PASI-I
		EPA 8260	BES	73	PASI-I
50375189034	FD-2	SM 2540G	QAK	1	PASI-I
		EPA 6010	JPK	1	PASI-I
		EPA 8270 by SIM	JCM	20	PASI-I
		EPA 8260	BES	73	PASI-I
		SM 2540G	QAK	1	PASI-I

PASI-I = Pace Analytical Services - Indianapolis

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**SUMMARY OF DETECTION**

Project: Genesis Convention Center  
 Pace Project No.: 50375189

Lab Sample ID Method	Client Sample ID Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
<b>50375189001</b>	<b>SB-1 (1-3)</b>					
EPA 6010	Lead	12.9	mg/kg	0.99	06/18/24 11:13	
EPA 8270 by SIM	Acenaphthylene	0.010	mg/kg	0.0050	06/17/24 17:23	
EPA 8270 by SIM	Anthracene	0.0078	mg/kg	0.0050	06/17/24 17:23	
EPA 8270 by SIM	Benzo(a)anthracene	0.064	mg/kg	0.0050	06/17/24 17:23	
EPA 8270 by SIM	Benzo(a)pyrene	0.078	mg/kg	0.0050	06/17/24 17:23	
EPA 8270 by SIM	Benzo(b)fluoranthene	0.11	mg/kg	0.0050	06/17/24 17:23	
EPA 8270 by SIM	Benzo(g,h,i)perylene	0.059	mg/kg	0.0050	06/17/24 17:23	
EPA 8270 by SIM	Benzo(k)fluoranthene	0.044	mg/kg	0.0050	06/17/24 17:23	
EPA 8270 by SIM	Chrysene	0.077	mg/kg	0.0050	06/17/24 17:23	
EPA 8270 by SIM	Dibenz(a,h)anthracene	0.018	mg/kg	0.0050	06/17/24 17:23	
EPA 8270 by SIM	Fluoranthene	0.084	mg/kg	0.0050	06/17/24 17:23	
EPA 8270 by SIM	Indeno(1,2,3-cd)pyrene	0.053	mg/kg	0.0050	06/17/24 17:23	
EPA 8270 by SIM	Phenanthrene	0.030	mg/kg	0.0050	06/17/24 17:23	
EPA 8270 by SIM	Pyrene	0.088	mg/kg	0.0050	06/17/24 17:23	
SM 2540G	Percent Moisture	4.2	%	0.10	06/18/24 13:25	N2
<b>50375189002</b>	<b>SB-1 (12-14)</b>					
EPA 6010	Lead	1.7	mg/kg	0.98	06/18/24 11:15	
SM 2540G	Percent Moisture	5.8	%	0.10	06/18/24 13:26	N2
<b>50375189003</b>	<b>SB-2 (1-3)</b>					
EPA 6010	Lead	17.3	mg/kg	0.94	06/18/24 11:16	
EPA 8270 by SIM	Anthracene	0.061	mg/kg	0.025	06/17/24 17:50	
EPA 8270 by SIM	Benzo(a)anthracene	0.28	mg/kg	0.025	06/17/24 17:50	
EPA 8270 by SIM	Benzo(a)pyrene	0.30	mg/kg	0.025	06/17/24 17:50	
EPA 8270 by SIM	Benzo(b)fluoranthene	0.37	mg/kg	0.025	06/17/24 17:50	
EPA 8270 by SIM	Benzo(g,h,i)perylene	0.25	mg/kg	0.025	06/17/24 17:50	
EPA 8270 by SIM	Benzo(k)fluoranthene	0.16	mg/kg	0.025	06/17/24 17:50	
EPA 8270 by SIM	Chrysene	0.31	mg/kg	0.025	06/17/24 17:50	
EPA 8270 by SIM	Fluoranthene	0.54	mg/kg	0.025	06/17/24 17:50	
EPA 8270 by SIM	Indeno(1,2,3-cd)pyrene	0.19	mg/kg	0.025	06/17/24 17:50	
EPA 8270 by SIM	Phenanthrene	0.27	mg/kg	0.025	06/17/24 17:50	
EPA 8270 by SIM	Pyrene	0.54	mg/kg	0.025	06/17/24 17:50	
SM 2540G	Percent Moisture	4.5	%	0.10	06/18/24 13:26	N2
<b>50375189004</b>	<b>SB-2 (12-14)</b>					
EPA 6010	Lead	1.4	mg/kg	1.0	06/18/24 11:18	
SM 2540G	Percent Moisture	5.3	%	0.10	06/18/24 13:26	N2
<b>50375189005</b>	<b>SB-3 (1-3)</b>					
EPA 6010	Lead	20.0	mg/kg	0.98	06/18/24 11:20	
EPA 8270 by SIM	Acenaphthene	0.0060	mg/kg	0.0049	06/17/24 18:17	
EPA 8270 by SIM	Acenaphthylene	0.027	mg/kg	0.0049	06/17/24 18:17	
EPA 8270 by SIM	Anthracene	0.021	mg/kg	0.0049	06/17/24 18:17	
EPA 8270 by SIM	Benzo(a)anthracene	0.12	mg/kg	0.0049	06/17/24 18:17	
EPA 8270 by SIM	Benzo(a)pyrene	0.14	mg/kg	0.0049	06/17/24 18:17	
EPA 8270 by SIM	Benzo(b)fluoranthene	0.21	mg/kg	0.0049	06/17/24 18:17	
EPA 8270 by SIM	Benzo(g,h,i)perylene	0.10	mg/kg	0.0049	06/17/24 18:17	
EPA 8270 by SIM	Benzo(k)fluoranthene	0.075	mg/kg	0.0049	06/17/24 18:17	

**REPORT OF LABORATORY ANALYSIS**

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## SUMMARY OF DETECTION

Project: Genesis Convention Center

Pace Project No.: 50375189

Lab Sample ID Method	Client Sample ID Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
<b>50375189005</b>	<b>SB-3 (1-3)</b>					
EPA 8270 by SIM	Chrysene	0.15	mg/kg	0.0049	06/17/24 18:17	
EPA 8270 by SIM	Dibenz(a,h)anthracene	0.032	mg/kg	0.0049	06/17/24 18:17	
EPA 8270 by SIM	Fluoranthene	0.20	mg/kg	0.0049	06/17/24 18:17	
EPA 8270 by SIM	Fluorene	0.0070	mg/kg	0.0049	06/17/24 18:17	
EPA 8270 by SIM	Indeno(1,2,3-cd)pyrene	0.095	mg/kg	0.0049	06/17/24 18:17	
EPA 8270 by SIM	1-Methylnaphthalene	0.0080	mg/kg	0.0049	06/17/24 18:17	
EPA 8270 by SIM	2-Methylnaphthalene	0.010	mg/kg	0.0049	06/17/24 18:17	
EPA 8270 by SIM	Naphthalene	0.018	mg/kg	0.0049	06/17/24 18:17	
EPA 8270 by SIM	Phenanthrene	0.13	mg/kg	0.0049	06/17/24 18:17	
EPA 8270 by SIM	Pyrene	0.20	mg/kg	0.0049	06/17/24 18:17	
SM 2540G	Percent Moisture	2.9	%	0.10	06/18/24 13:26	N2
<b>50375189006</b>	<b>SB-3 (12-14)</b>					
EPA 6010	Lead	1.6	mg/kg	1.1	06/18/24 11:22	
SM 2540G	Percent Moisture	11.7	%	0.10	06/18/24 13:26	N2
<b>50375189007</b>	<b>SB-4 (1-3)</b>					
EPA 6010	Lead	11.9	mg/kg	0.97	06/18/24 11:24	
EPA 8270 by SIM	Anthracene	0.013	mg/kg	0.0050	06/17/24 18:43	
EPA 8270 by SIM	Benzo(a)anthracene	0.060	mg/kg	0.0050	06/17/24 18:43	
EPA 8270 by SIM	Benzo(a)pyrene	0.064	mg/kg	0.0050	06/17/24 18:43	
EPA 8270 by SIM	Benzo(b)fluoranthene	0.090	mg/kg	0.0050	06/17/24 18:43	
EPA 8270 by SIM	Benzo(g,h,i)perylene	0.043	mg/kg	0.0050	06/17/24 18:43	
EPA 8270 by SIM	Benzo(k)fluoranthene	0.029	mg/kg	0.0050	06/17/24 18:43	
EPA 8270 by SIM	Chrysene	0.067	mg/kg	0.0050	06/17/24 18:43	
EPA 8270 by SIM	Dibenz(a,h)anthracene	0.012	mg/kg	0.0050	06/17/24 18:43	
EPA 8270 by SIM	Fluoranthene	0.11	mg/kg	0.0050	06/17/24 18:43	
EPA 8270 by SIM	Indeno(1,2,3-cd)pyrene	0.038	mg/kg	0.0050	06/17/24 18:43	
EPA 8270 by SIM	Phenanthrene	0.058	mg/kg	0.0050	06/17/24 18:43	
EPA 8270 by SIM	Pyrene	0.11	mg/kg	0.0050	06/17/24 18:43	
SM 2540G	Percent Moisture	3.6	%	0.10	06/18/24 13:26	N2
<b>50375189008</b>	<b>SB-4 (12-14)</b>					
EPA 6010	Lead	1.4	mg/kg	0.94	06/18/24 11:26	
SM 2540G	Percent Moisture	5.6	%	0.10	06/18/24 13:26	N2
<b>50375189009</b>	<b>SB-5 (1-3)</b>					
EPA 6010	Lead	2.3	mg/kg	0.93	06/18/24 11:27	
EPA 8270 by SIM	Anthracene	0.015	mg/kg	0.0050	06/17/24 19:10	R1
EPA 8270 by SIM	Benzo(a)anthracene	0.12	mg/kg	0.0050	06/17/24 19:10	M1, R1
EPA 8270 by SIM	Benzo(a)pyrene	0.14	mg/kg	0.0050	06/17/24 19:10	M1, R1
EPA 8270 by SIM	Benzo(b)fluoranthene	0.18	mg/kg	0.0050	06/17/24 19:10	M1, R1
EPA 8270 by SIM	Benzo(g,h,i)perylene	0.096	mg/kg	0.0050	06/17/24 19:10	M1, R1
EPA 8270 by SIM	Benzo(k)fluoranthene	0.067	mg/kg	0.0050	06/17/24 19:10	M1, R1
EPA 8270 by SIM	Chrysene	0.13	mg/kg	0.0050	06/17/24 19:10	M1, R1
EPA 8270 by SIM	Dibenz(a,h)anthracene	0.027	mg/kg	0.0050	06/17/24 19:10	R1
EPA 8270 by SIM	Fluoranthene	0.21	mg/kg	0.0050	06/17/24 19:10	M1, R1
EPA 8270 by SIM	Indeno(1,2,3-cd)pyrene	0.081	mg/kg	0.0050	06/17/24 19:10	M1, R1
EPA 8270 by SIM	Phenanthrene	0.054	mg/kg	0.0050	06/17/24 19:10	R1

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## SUMMARY OF DETECTION

Project: Genesis Convention Center

Pace Project No.: 50375189

Lab Sample ID Method	Client Sample ID Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
<b>50375189009</b>	<b>SB-5 (1-3)</b>					
EPA 8270 by SIM	Pyrene	0.23	mg/kg	0.0050	06/17/24 19:10	M1,R1
SM 2540G	Percent Moisture	3.2	%	0.10	06/18/24 13:26	N2
<b>50375189010</b>	<b>SB-5 (12-14)</b>					
EPA 6010	Lead	1.8	mg/kg	0.98	06/18/24 11:40	
SM 2540G	Percent Moisture	4.7	%	0.10	06/18/24 13:26	N2
<b>50375189011</b>	<b>SB-6 (1-3)</b>					
EPA 6010	Lead	2.9	mg/kg	1.0	06/18/24 11:42	
EPA 8270 by SIM	Benzo(a)anthracene	0.0087	mg/kg	0.0050	06/17/24 20:03	
EPA 8270 by SIM	Benzo(a)pyrene	0.0095	mg/kg	0.0050	06/17/24 20:03	
EPA 8270 by SIM	Benzo(b)fluoranthene	0.012	mg/kg	0.0050	06/17/24 20:03	
EPA 8270 by SIM	Benzo(g,h,i)perylene	0.0077	mg/kg	0.0050	06/17/24 20:03	
EPA 8270 by SIM	Chrysene	0.0094	mg/kg	0.0050	06/17/24 20:03	
EPA 8270 by SIM	Fluoranthene	0.015	mg/kg	0.0050	06/17/24 20:03	
EPA 8270 by SIM	Indeno(1,2,3-cd)pyrene	0.0055	mg/kg	0.0050	06/17/24 20:03	
EPA 8270 by SIM	Phenanthrene	0.0083	mg/kg	0.0050	06/17/24 20:03	
EPA 8270 by SIM	Pyrene	0.015	mg/kg	0.0050	06/17/24 20:03	
SM 2540G	Percent Moisture	3.4	%	0.10	06/18/24 13:26	N2
<b>50375189012</b>	<b>SB-6 (12-14)</b>					
EPA 6010	Lead	1.4	mg/kg	0.95	06/18/24 11:44	
SM 2540G	Percent Moisture	3.3	%	0.10	06/18/24 13:27	N2
<b>50375189013</b>	<b>SB-7 (1-3)</b>					
EPA 6010	Lead	13.0	mg/kg	1.0	06/18/24 11:46	
EPA 8270 by SIM	Acenaphthylene	0.042	mg/kg	0.0052	06/17/24 20:30	
EPA 8270 by SIM	Anthracene	0.023	mg/kg	0.0052	06/17/24 20:30	
EPA 8270 by SIM	Benzo(a)anthracene	0.22	mg/kg	0.0052	06/17/24 20:30	
EPA 8270 by SIM	Benzo(a)pyrene	0.32	mg/kg	0.0052	06/17/24 20:30	
EPA 8270 by SIM	Benzo(b)fluoranthene	0.54	mg/kg	0.0052	06/17/24 20:30	
EPA 8270 by SIM	Benzo(g,h,i)perylene	0.25	mg/kg	0.0052	06/17/24 20:30	
EPA 8270 by SIM	Benzo(k)fluoranthene	0.16	mg/kg	0.0052	06/17/24 20:30	
EPA 8270 by SIM	Chrysene	0.26	mg/kg	0.0052	06/17/24 20:30	
EPA 8270 by SIM	Dibenz(a,h)anthracene	0.093	mg/kg	0.0052	06/17/24 20:30	
EPA 8270 by SIM	Fluoranthene	0.27	mg/kg	0.0052	06/17/24 20:30	
EPA 8270 by SIM	Indeno(1,2,3-cd)pyrene	0.23	mg/kg	0.0052	06/17/24 20:30	
EPA 8270 by SIM	Phenanthrene	0.052	mg/kg	0.0052	06/17/24 20:30	
EPA 8270 by SIM	Pyrene	0.31	mg/kg	0.0052	06/17/24 20:30	
SM 2540G	Percent Moisture	6.6	%	0.10	06/18/24 13:57	N2
<b>50375189014</b>	<b>SB-7 (12-14)</b>					
EPA 6010	Lead	2.3	mg/kg	0.92	06/18/24 11:48	
SM 2540G	Percent Moisture	4.8	%	0.10	06/18/24 13:57	N2
<b>50375189015</b>	<b>SB-8 (1-3)</b>					
EPA 6010	Lead	9.7	mg/kg	0.94	06/18/24 11:50	
EPA 8270 by SIM	Acenaphthylene	0.0080	mg/kg	0.0050	06/17/24 20:56	
EPA 8270 by SIM	Anthracene	0.017	mg/kg	0.0050	06/17/24 20:56	
EPA 8270 by SIM	Benzo(a)anthracene	0.11	mg/kg	0.0050	06/17/24 20:56	

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## SUMMARY OF DETECTION

Project: Genesis Convention Center

Pace Project No.: 50375189

Lab Sample ID Method	Client Sample ID Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
<b>50375189015</b>	<b>SB-8 (1-3)</b>					
EPA 8270 by SIM	Benzo(a)pyrene	0.15	mg/kg	0.0050	06/17/24 20:56	
EPA 8270 by SIM	Benzo(b)fluoranthene	0.21	mg/kg	0.0050	06/17/24 20:56	
EPA 8270 by SIM	Benzo(g,h,i)perylene	0.11	mg/kg	0.0050	06/17/24 20:56	
EPA 8270 by SIM	Benzo(k)fluoranthene	0.058	mg/kg	0.0050	06/17/24 20:56	
EPA 8270 by SIM	Chrysene	0.12	mg/kg	0.0050	06/17/24 20:56	
EPA 8270 by SIM	Dibenz(a,h)anthracene	0.030	mg/kg	0.0050	06/17/24 20:56	
EPA 8270 by SIM	Fluoranthene	0.17	mg/kg	0.0050	06/17/24 20:56	
EPA 8270 by SIM	Indeno(1,2,3-cd)pyrene	0.094	mg/kg	0.0050	06/17/24 20:56	
EPA 8270 by SIM	Phenanthrene	0.050	mg/kg	0.0050	06/17/24 20:56	
EPA 8270 by SIM	Pyrene	0.18	mg/kg	0.0050	06/17/24 20:56	
SM 2540G	Percent Moisture	3.4	%	0.10	06/18/24 13:57	N2
<b>50375189016</b>	<b>SB-8 (12-14)</b>					
EPA 6010	Lead	1.5	mg/kg	0.98	06/18/24 11:55	
SM 2540G	Percent Moisture	13.4	%	0.10	06/18/24 13:58	N2
<b>50375189017</b>	<b>SB-9 (1-3)</b>					
EPA 6010	Lead	20.0	mg/kg	0.99	06/18/24 11:57	
EPA 8270 by SIM	Anthracene	0.028	mg/kg	0.025	06/17/24 21:23	
EPA 8270 by SIM	Benzo(a)anthracene	0.20	mg/kg	0.025	06/17/24 21:23	
EPA 8270 by SIM	Benzo(a)pyrene	0.23	mg/kg	0.025	06/17/24 21:23	
EPA 8270 by SIM	Benzo(b)fluoranthene	0.27	mg/kg	0.025	06/17/24 21:23	
EPA 8270 by SIM	Benzo(g,h,i)perylene	0.15	mg/kg	0.025	06/17/24 21:23	
EPA 8270 by SIM	Benzo(k)fluoranthene	0.12	mg/kg	0.025	06/17/24 21:23	
EPA 8270 by SIM	Chrysene	0.21	mg/kg	0.025	06/17/24 21:23	
EPA 8270 by SIM	Dibenz(a,h)anthracene	0.041	mg/kg	0.025	06/17/24 21:23	
EPA 8270 by SIM	Fluoranthene	0.26	mg/kg	0.025	06/17/24 21:23	
EPA 8270 by SIM	Indeno(1,2,3-cd)pyrene	0.13	mg/kg	0.025	06/17/24 21:23	
EPA 8270 by SIM	Phenanthrene	0.076	mg/kg	0.025	06/17/24 21:23	
EPA 8270 by SIM	Pyrene	0.26	mg/kg	0.025	06/17/24 21:23	
SM 2540G	Percent Moisture	3.3	%	0.10	06/18/24 13:58	N2
<b>50375189018</b>	<b>SB-9 (11-13)</b>					
EPA 6010	Lead	211	mg/kg	1.0	06/18/24 11:59	
EPA 8270 by SIM	Acenaphthene	0.27	mg/kg	0.028	06/17/24 21:36	
EPA 8270 by SIM	Anthracene	0.69	mg/kg	0.028	06/17/24 21:36	
EPA 8270 by SIM	Benzo(a)anthracene	0.82	mg/kg	0.028	06/17/24 21:36	
EPA 8270 by SIM	Benzo(a)pyrene	0.66	mg/kg	0.028	06/17/24 21:36	
EPA 8270 by SIM	Benzo(b)fluoranthene	0.85	mg/kg	0.028	06/17/24 21:36	
EPA 8270 by SIM	Benzo(g,h,i)perylene	0.40	mg/kg	0.028	06/17/24 21:36	
EPA 8270 by SIM	Benzo(k)fluoranthene	0.32	mg/kg	0.028	06/17/24 21:36	
EPA 8270 by SIM	Chrysene	0.84	mg/kg	0.028	06/17/24 21:36	
EPA 8270 by SIM	Dibenz(a,h)anthracene	0.12	mg/kg	0.028	06/17/24 21:36	
EPA 8270 by SIM	Fluoranthene	2.1	mg/kg	0.028	06/17/24 21:36	
EPA 8270 by SIM	Fluorene	0.28	mg/kg	0.028	06/17/24 21:36	
EPA 8270 by SIM	Indeno(1,2,3-cd)pyrene	0.35	mg/kg	0.028	06/17/24 21:36	
EPA 8270 by SIM	1-Methylnaphthalene	0.11	mg/kg	0.028	06/17/24 21:36	
EPA 8270 by SIM	2-Methylnaphthalene	0.13	mg/kg	0.028	06/17/24 21:36	
EPA 8270 by SIM	Naphthalene	0.20	mg/kg	0.028	06/17/24 21:36	ED

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## SUMMARY OF DETECTION

Project: Genesis Convention Center

Pace Project No.: 50375189

Lab Sample ID Method	Client Sample ID Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
<b>50375189018</b>	<b>SB-9 (11-13)</b>					
EPA 8270 by SIM	Phenanthrene	2.4	mg/kg	0.028	06/17/24 21:36	
EPA 8270 by SIM	Pyrene	1.8	mg/kg	0.028	06/17/24 21:36	
SM 2540G	Percent Moisture	10.1	%	0.10	06/18/24 13:58	N2
<b>50375189019</b>	<b>SB-10 (1-3)</b>					
EPA 6010	Lead	1.8	mg/kg	1.0	06/18/24 12:01	
EPA 8270 by SIM	Benzo(b)fluoranthene	0.0073	mg/kg	0.0049	06/17/24 19:38	
EPA 8270 by SIM	Fluoranthene	0.0066	mg/kg	0.0049	06/17/24 19:38	
EPA 8270 by SIM	Pyrene	0.0060	mg/kg	0.0049	06/17/24 19:38	
SM 2540G	Percent Moisture	4.4	%	0.10	06/18/24 13:58	N2
<b>50375189020</b>	<b>SB-10 (11-13)</b>					
EPA 6010	Lead	1.9	mg/kg	0.99	06/18/24 12:03	
SM 2540G	Percent Moisture	7.7	%	0.10	06/18/24 13:58	N2
<b>50375189021</b>	<b>SB-11 (1-3)</b>					
EPA 6010	Lead	10.6	mg/kg	0.91	06/18/24 02:20	
EPA 8270 by SIM	Acenaphthene	0.037	mg/kg	0.025	06/17/24 20:06	
EPA 8270 by SIM	Acenaphthylene	0.059	mg/kg	0.025	06/17/24 20:06	
EPA 8270 by SIM	Anthracene	0.42	mg/kg	0.025	06/17/24 20:06	
EPA 8270 by SIM	Benzo(a)anthracene	1.6	mg/kg	0.025	06/17/24 20:06	
EPA 8270 by SIM	Benzo(a)pyrene	1.8	mg/kg	0.025	06/17/24 20:06	
EPA 8270 by SIM	Benzo(b)fluoranthene	2.2	mg/kg	0.025	06/17/24 20:06	
EPA 8270 by SIM	Benzo(g,h,i)perylene	1.0	mg/kg	0.025	06/17/24 20:06	
EPA 8270 by SIM	Benzo(k)fluoranthene	0.76	mg/kg	0.025	06/17/24 20:06	
EPA 8270 by SIM	Chrysene	1.5	mg/kg	0.025	06/17/24 20:06	
EPA 8270 by SIM	Dibenz(a,h)anthracene	0.30	mg/kg	0.025	06/17/24 20:06	
EPA 8270 by SIM	Fluoranthene	3.5	mg/kg	0.025	06/17/24 20:06	
EPA 8270 by SIM	Fluorene	0.071	mg/kg	0.025	06/17/24 20:06	
EPA 8270 by SIM	Indeno(1,2,3-cd)pyrene	1.0	mg/kg	0.025	06/17/24 20:06	
EPA 8270 by SIM	Phenanthrene	1.3	mg/kg	0.025	06/17/24 20:06	
EPA 8270 by SIM	Pyrene	3.5	mg/kg	0.025	06/17/24 20:06	
SM 2540G	Percent Moisture	4.2	%	0.10	06/18/24 13:58	N2
<b>50375189022</b>	<b>SB-11 (11-13)</b>					
EPA 6010	Lead	1.6	mg/kg	0.96	06/18/24 02:22	
SM 2540G	Percent Moisture	7.9	%	0.10	06/18/24 13:58	N2
<b>50375189023</b>	<b>SB-12 (1-3)</b>					
EPA 6010	Lead	10.8	mg/kg	0.90	06/18/24 02:23	
EPA 8270 by SIM	Acenaphthene	1.3	mg/kg	0.025	06/17/24 20:35	M1, R1
EPA 8270 by SIM	Acenaphthylene	0.24	mg/kg	0.025	06/17/24 20:35	M1, R1
EPA 8270 by SIM	Anthracene	4.3	mg/kg	0.025	06/17/24 20:35	M1, R1
EPA 8270 by SIM	Benzo(a)anthracene	14.7	mg/kg	0.025	06/17/24 20:35	M1, R1
EPA 8270 by SIM	Benzo(a)pyrene	14.0	mg/kg	0.025	06/17/24 20:35	M1, R1
EPA 8270 by SIM	Benzo(b)fluoranthene	17.4	mg/kg	0.025	06/17/24 20:35	M1, R1
EPA 8270 by SIM	Benzo(g,h,i)perylene	7.5	mg/kg	0.025	06/17/24 20:35	M1, R1
EPA 8270 by SIM	Benzo(k)fluoranthene	7.0	mg/kg	0.025	06/17/24 20:35	M1, R1
EPA 8270 by SIM	Chrysene	13.4	mg/kg	0.025	06/17/24 20:35	M1, R1

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## SUMMARY OF DETECTION

Project: Genesis Convention Center

Pace Project No.: 50375189

Lab Sample ID Method	Client Sample ID Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
<b>50375189023</b>	<b>SB-12 (1-3)</b>					
EPA 8270 by SIM	Dibenz(a,h)anthracene	2.3	mg/kg	0.025	06/17/24 20:35	M1, R1
EPA 8270 by SIM	Fluoranthene	28.2	mg/kg	0.025	06/17/24 20:35	M1, R1
EPA 8270 by SIM	Fluorene	1.8	mg/kg	0.025	06/17/24 20:35	M1, R1
EPA 8270 by SIM	Indeno(1,2,3-cd)pyrene	7.4	mg/kg	0.025	06/17/24 20:35	M1, R1
EPA 8270 by SIM	1-Methylnaphthalene	0.11	mg/kg	0.025	06/17/24 20:35	R1
EPA 8270 by SIM	2-Methylnaphthalene	0.15	mg/kg	0.025	06/17/24 20:35	
EPA 8270 by SIM	Naphthalene	0.25	mg/kg	0.025	06/17/24 20:35	ED
EPA 8270 by SIM	Phenanthrene	14.1	mg/kg	0.025	06/17/24 20:35	M1, R1
EPA 8270 by SIM	Pyrene	25.3	mg/kg	0.025	06/17/24 20:35	M1, R1
SM 2540G	Percent Moisture	4.9	%	0.10	06/18/24 13:58	N2
<b>50375189024</b>	<b>SB-12 (11-13)</b>					
EPA 6010	Lead	8.9	mg/kg	1.0	06/18/24 02:32	
EPA 8270 by SIM	Acenaphthene	2.8	mg/kg	0.026	06/17/24 21:17	
EPA 8270 by SIM	Acenaphthylene	0.085	mg/kg	0.026	06/17/24 21:17	
EPA 8270 by SIM	Anthracene	7.8	mg/kg	0.026	06/17/24 21:17	
EPA 8270 by SIM	Benzo(a)anthracene	11.6	mg/kg	0.026	06/17/24 21:17	
EPA 8270 by SIM	Benzo(a)pyrene	9.3	mg/kg	0.026	06/17/24 21:17	
EPA 8270 by SIM	Benzo(b)fluoranthene	11.5	mg/kg	0.026	06/17/24 21:17	
EPA 8270 by SIM	Benzo(g,h,i)perylene	4.8	mg/kg	0.026	06/17/24 21:17	
EPA 8270 by SIM	Benzo(k)fluoranthene	4.5	mg/kg	0.026	06/17/24 21:17	
EPA 8270 by SIM	Chrysene	9.5	mg/kg	0.026	06/17/24 21:17	
EPA 8270 by SIM	Dibenz(a,h)anthracene	1.7	mg/kg	0.026	06/17/24 21:17	
EPA 8270 by SIM	Fluoranthene	25.4	mg/kg	0.026	06/17/24 21:17	
EPA 8270 by SIM	Fluorene	4.5	mg/kg	0.026	06/17/24 21:17	
EPA 8270 by SIM	Indeno(1,2,3-cd)pyrene	4.6	mg/kg	0.026	06/17/24 21:17	
EPA 8270 by SIM	1-Methylnaphthalene	0.95	mg/kg	0.026	06/17/24 21:17	
EPA 8270 by SIM	2-Methylnaphthalene	0.93	mg/kg	0.026	06/17/24 21:17	
EPA 8270 by SIM	Naphthalene	0.76	mg/kg	0.026	06/17/24 21:17	ED
EPA 8270 by SIM	Phenanthrene	26.0	mg/kg	0.026	06/17/24 21:17	
EPA 8270 by SIM	Pyrene	20.5	mg/kg	0.026	06/17/24 21:17	
SM 2540G	Percent Moisture	4.9	%	0.10	06/18/24 13:58	N2
<b>50375189025</b>	<b>SB-13 (1-3)</b>					
EPA 6010	Lead	18.7	mg/kg	1.0	06/18/24 02:38	
EPA 8270 by SIM	Acenaphthene	1.3	mg/kg	0.026	06/17/24 21:31	
EPA 8270 by SIM	Acenaphthylene	0.24	mg/kg	0.026	06/17/24 21:31	
EPA 8270 by SIM	Anthracene	4.2	mg/kg	0.026	06/17/24 21:31	
EPA 8270 by SIM	Benzo(a)anthracene	15.4	mg/kg	0.026	06/17/24 21:31	
EPA 8270 by SIM	Benzo(a)pyrene	14.7	mg/kg	0.026	06/17/24 21:31	
EPA 8270 by SIM	Benzo(b)fluoranthene	17.5	mg/kg	0.026	06/17/24 21:31	
EPA 8270 by SIM	Benzo(g,h,i)perylene	7.9	mg/kg	0.026	06/17/24 21:31	
EPA 8270 by SIM	Benzo(k)fluoranthene	8.0	mg/kg	0.026	06/17/24 21:31	
EPA 8270 by SIM	Chrysene	13.4	mg/kg	0.026	06/17/24 21:31	
EPA 8270 by SIM	Dibenz(a,h)anthracene	2.6	mg/kg	0.026	06/17/24 21:31	
EPA 8270 by SIM	Fluoranthene	32.0	mg/kg	0.026	06/17/24 21:31	
EPA 8270 by SIM	Fluorene	1.3	mg/kg	0.026	06/17/24 21:31	
EPA 8270 by SIM	Indeno(1,2,3-cd)pyrene	7.9	mg/kg	0.026	06/17/24 21:31	

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**SUMMARY OF DETECTION**

Project: Genesis Convention Center  
 Pace Project No.: 50375189

Lab Sample ID Method	Client Sample ID Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
<b>50375189025</b>	<b>SB-13 (1-3)</b>					
EPA 8270 by SIM	1-Methylnaphthalene	0.12	mg/kg	0.026	06/17/24 21:31	
EPA 8270 by SIM	2-Methylnaphthalene	0.10	mg/kg	0.026	06/17/24 21:31	
EPA 8270 by SIM	Naphthalene	0.10	mg/kg	0.026	06/17/24 21:31	ED
EPA 8270 by SIM	Phenanthrene	14.2	mg/kg	0.026	06/17/24 21:31	
EPA 8270 by SIM	Pyrene	28.3	mg/kg	0.026	06/17/24 21:31	
SM 2540G	Percent Moisture	5.1	%	0.10	06/18/24 13:58	N2
<b>50375189026</b>	<b>SB-13 (11-13)</b>					
EPA 6010	Lead	1.9	mg/kg	0.89	06/18/24 02:40	
EPA 8270 by SIM	Benzo(a)anthracene	0.0077	mg/kg	0.0050	06/17/24 21:46	
EPA 8270 by SIM	Benzo(a)pyrene	0.0076	mg/kg	0.0050	06/17/24 21:46	
EPA 8270 by SIM	Benzo(b)fluoranthene	0.010	mg/kg	0.0050	06/17/24 21:46	
EPA 8270 by SIM	Benzo(g,h,i)perylene	0.0055	mg/kg	0.0050	06/17/24 21:46	
EPA 8270 by SIM	Chrysene	0.0072	mg/kg	0.0050	06/17/24 21:46	
EPA 8270 by SIM	Fluoranthene	0.015	mg/kg	0.0050	06/17/24 21:46	
EPA 8270 by SIM	Phenanthrene	0.0074	mg/kg	0.0050	06/17/24 21:46	
EPA 8270 by SIM	Pyrene	0.012	mg/kg	0.0050	06/17/24 21:46	
SM 2540G	Percent Moisture	5.7	%	0.10	06/18/24 13:58	N2
<b>50375189027</b>	<b>SB-14 (1-3)</b>					
EPA 6010	Lead	16.1	mg/kg	1.0	06/18/24 02:41	
EPA 8270 by SIM	Acenaphthylene	0.0081	mg/kg	0.0054	06/17/24 22:00	
EPA 8270 by SIM	Anthracene	0.0088	mg/kg	0.0054	06/17/24 22:00	
EPA 8270 by SIM	Benzo(a)anthracene	0.057	mg/kg	0.0054	06/17/24 22:00	
EPA 8270 by SIM	Benzo(a)pyrene	0.078	mg/kg	0.0054	06/17/24 22:00	
EPA 8270 by SIM	Benzo(b)fluoranthene	0.11	mg/kg	0.0054	06/17/24 22:00	
EPA 8270 by SIM	Benzo(g,h,i)perylene	0.054	mg/kg	0.0054	06/17/24 22:00	
EPA 8270 by SIM	Benzo(k)fluoranthene	0.040	mg/kg	0.0054	06/17/24 22:00	
EPA 8270 by SIM	Chrysene	0.062	mg/kg	0.0054	06/17/24 22:00	
EPA 8270 by SIM	Dibenz(a,h)anthracene	0.015	mg/kg	0.0054	06/17/24 22:00	
EPA 8270 by SIM	Fluoranthene	0.099	mg/kg	0.0054	06/17/24 22:00	
EPA 8270 by SIM	Indeno(1,2,3-cd)pyrene	0.050	mg/kg	0.0054	06/17/24 22:00	
EPA 8270 by SIM	Phenanthrene	0.027	mg/kg	0.0054	06/17/24 22:00	
EPA 8270 by SIM	Pyrene	0.099	mg/kg	0.0054	06/17/24 22:00	
SM 2540G	Percent Moisture	10.6	%	0.10	06/18/24 13:59	N2
<b>50375189028</b>	<b>SB-14 (11-13)</b>					
EPA 6010	Lead	1.7	mg/kg	0.95	06/18/24 02:43	
SM 2540G	Percent Moisture	10.2	%	0.10	06/18/24 13:59	N2
<b>50375189029</b>	<b>SB-15 (1-3)</b>					
EPA 6010	Lead	8.6	mg/kg	0.93	06/18/24 02:45	
EPA 8270 by SIM	Anthracene	0.0060	mg/kg	0.0052	06/17/24 22:57	
EPA 8270 by SIM	Benzo(a)anthracene	0.032	mg/kg	0.0052	06/17/24 22:57	
EPA 8270 by SIM	Benzo(a)pyrene	0.045	mg/kg	0.0052	06/17/24 22:57	
EPA 8270 by SIM	Benzo(b)fluoranthene	0.056	mg/kg	0.0052	06/17/24 22:57	
EPA 8270 by SIM	Benzo(g,h,i)perylene	0.032	mg/kg	0.0052	06/17/24 22:57	
EPA 8270 by SIM	Benzo(k)fluoranthene	0.023	mg/kg	0.0052	06/17/24 22:57	
EPA 8270 by SIM	Chrysene	0.033	mg/kg	0.0052	06/17/24 22:57	

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## SUMMARY OF DETECTION

Project: Genesis Convention Center

Pace Project No.: 50375189

Lab Sample ID Method	Client Sample ID Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
<b>50375189029</b>	<b>SB-15 (1-3)</b>					
EPA 8270 by SIM	Dibenz(a,h)anthracene	0.0093	mg/kg	0.0052	06/17/24 22:57	
EPA 8270 by SIM	Fluoranthene	0.049	mg/kg	0.0052	06/17/24 22:57	
EPA 8270 by SIM	Indeno(1,2,3-cd)pyrene	0.030	mg/kg	0.0052	06/17/24 22:57	
EPA 8270 by SIM	Phenanthrene	0.011	mg/kg	0.0052	06/17/24 22:57	
EPA 8270 by SIM	Pyrene	0.052	mg/kg	0.0052	06/17/24 22:57	
SM 2540G	Percent Moisture	6.6	%	0.10	06/18/24 13:59	N2
<b>50375189030</b>	<b>SB-15 (13-15)</b>					
EPA 6010	Lead	10.4	mg/kg	1.0	06/18/24 02:47	
EPA 8270 by SIM	1-Methylnaphthalene	0.14	mg/kg	0.0058	06/17/24 23:11	
EPA 8270 by SIM	2-Methylnaphthalene	0.0073	mg/kg	0.0058	06/17/24 23:11	
EPA 8260	n-Butylbenzene	1.4	mg/kg	0.29	06/13/24 16:09	
EPA 8260	sec-Butylbenzene	0.33	mg/kg	0.29	06/13/24 16:09	
EPA 8260	p-Isopropyltoluene	0.52	mg/kg	0.29	06/13/24 16:09	
EPA 8260	Naphthalene	0.51	mg/kg	0.29	06/13/24 16:09	
EPA 8260	1,2,4-Trimethylbenzene	1.3	mg/kg	0.29	06/13/24 16:09	
SM 2540G	Percent Moisture	15.2	%	0.10	06/18/24 13:59	N2
<b>50375189031</b>	<b>SB-16 (1-3)</b>					
EPA 6010	Lead	15.7	mg/kg	1.0	06/18/24 02:49	
EPA 8270 by SIM	Acenaphthene	0.026	mg/kg	0.0052	06/17/24 23:26	
EPA 8270 by SIM	Acenaphthylene	0.027	mg/kg	0.0052	06/17/24 23:26	
EPA 8270 by SIM	Anthracene	0.10	mg/kg	0.0052	06/17/24 23:26	
EPA 8270 by SIM	Benzo(a)anthracene	0.48	mg/kg	0.0052	06/17/24 23:26	
EPA 8270 by SIM	Benzo(a)pyrene	0.55	mg/kg	0.0052	06/17/24 23:26	
EPA 8270 by SIM	Benzo(b)fluoranthene	0.72	mg/kg	0.0052	06/17/24 23:26	
EPA 8270 by SIM	Benzo(g,h,i)perylene	0.34	mg/kg	0.0052	06/17/24 23:26	
EPA 8270 by SIM	Benzo(k)fluoranthene	0.27	mg/kg	0.0052	06/17/24 23:26	
EPA 8270 by SIM	Chrysene	0.48	mg/kg	0.0052	06/17/24 23:26	
EPA 8270 by SIM	Dibenz(a,h)anthracene	0.10	mg/kg	0.0052	06/17/24 23:26	
EPA 8270 by SIM	Fluoranthene	0.94	mg/kg	0.0052	06/17/24 23:26	
EPA 8270 by SIM	Fluorene	0.031	mg/kg	0.0052	06/17/24 23:26	
EPA 8270 by SIM	Indeno(1,2,3-cd)pyrene	0.32	mg/kg	0.0052	06/17/24 23:26	
EPA 8270 by SIM	Naphthalene	0.0073	mg/kg	0.0052	06/17/24 23:26	
EPA 8270 by SIM	Phenanthrene	0.42	mg/kg	0.0052	06/17/24 23:26	
EPA 8270 by SIM	Pyrene	0.87	mg/kg	0.0052	06/17/24 23:26	
SM 2540G	Percent Moisture	8.8	%	0.10	06/18/24 13:59	N2
<b>50375189032</b>	<b>SB-16 (11-13)</b>					
EPA 6010	Lead	1.6	mg/kg	1.0	06/18/24 02:50	
EPA 8270 by SIM	Acenaphthene	0.010	mg/kg	0.0050	06/17/24 23:40	
EPA 8270 by SIM	Anthracene	0.019	mg/kg	0.0050	06/17/24 23:40	
EPA 8270 by SIM	Benzo(a)anthracene	0.018	mg/kg	0.0050	06/17/24 23:40	
EPA 8270 by SIM	Benzo(a)pyrene	0.015	mg/kg	0.0050	06/17/24 23:40	
EPA 8270 by SIM	Benzo(b)fluoranthene	0.019	mg/kg	0.0050	06/17/24 23:40	
EPA 8270 by SIM	Benzo(g,h,i)perylene	0.0082	mg/kg	0.0050	06/17/24 23:40	
EPA 8270 by SIM	Benzo(k)fluoranthene	0.0061	mg/kg	0.0050	06/17/24 23:40	
EPA 8270 by SIM	Chrysene	0.014	mg/kg	0.0050	06/17/24 23:40	
EPA 8270 by SIM	Fluoranthene	0.048	mg/kg	0.0050	06/17/24 23:40	

## REPORT OF LABORATORY ANALYSIS

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### SUMMARY OF DETECTION

Project: Genesis Convention Center

Pace Project No.: 50375189

Lab Sample ID Method	Client Sample ID Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
<b>50375189032</b>	<b>SB-16 (11-13)</b>					
EPA 8270 by SIM	Fluorene	0.013	mg/kg	0.0050	06/17/24 23:40	
EPA 8270 by SIM	Indeno(1,2,3-cd)pyrene	0.0078	mg/kg	0.0050	06/17/24 23:40	
EPA 8270 by SIM	Phenanthrene	0.056	mg/kg	0.0050	06/17/24 23:40	
EPA 8270 by SIM	Pyrene	0.038	mg/kg	0.0050	06/17/24 23:40	
SM 2540G	Percent Moisture	4.4	%	0.10	06/18/24 13:59	N2
<b>50375189033</b>	<b>FD-1</b>					
EPA 6010	Lead	1.7	mg/kg	0.95	06/18/24 02:52	
SM 2540G	Percent Moisture	10.4	%	0.10	06/18/24 14:13	N2
<b>50375189034</b>	<b>FD-2</b>					
EPA 6010	Lead	1.6	mg/kg	1.0	06/18/24 02:54	
SM 2540G	Percent Moisture	10.8	%	0.10	06/18/24 14:13	N2

### REPORT OF LABORATORY ANALYSIS

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## ANALYTICAL RESULTS

Project: Genesis Convention Center

Pace Project No.: 50375189

Sample: SB-1 (1-3) Lab ID: 50375189001 Collected: 06/04/24 09:09 Received: 06/06/24 13:02 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
<b>6010 MET ICP</b>									
Analytical Method: EPA 6010 Preparation Method: EPA 3050									
Pace Analytical Services - Indianapolis									
Lead	12.9	mg/kg	0.99	0.23	1	06/18/24 00:04	06/18/24 11:13	7439-92-1	
<b>8270 PAH Soil by SIM</b>									
Analytical Method: EPA 8270 by SIM Preparation Method: EPA 3546									
Pace Analytical Services - Indianapolis									
Acenaphthene	ND	mg/kg	0.0050	0.0020	1	06/14/24 22:02	06/17/24 17:23	83-32-9	
Acenaphthylene	0.010	mg/kg	0.0050	0.0019	1	06/14/24 22:02	06/17/24 17:23	208-96-8	
Anthracene	0.0078	mg/kg	0.0050	0.0025	1	06/14/24 22:02	06/17/24 17:23	120-12-7	
Benzo(a)anthracene	0.064	mg/kg	0.0050	0.0014	1	06/14/24 22:02	06/17/24 17:23	56-55-3	
Benzo(a)pyrene	0.078	mg/kg	0.0050	0.0030	1	06/14/24 22:02	06/17/24 17:23	50-32-8	
Benzo(b)fluoranthene	0.11	mg/kg	0.0050	0.0027	1	06/14/24 22:02	06/17/24 17:23	205-99-2	
Benzo(g,h,i)perylene	0.059	mg/kg	0.0050	0.0030	1	06/14/24 22:02	06/17/24 17:23	191-24-2	
Benzo(k)fluoranthene	0.044	mg/kg	0.0050	0.0023	1	06/14/24 22:02	06/17/24 17:23	207-08-9	
Chrysene	0.077	mg/kg	0.0050	0.0034	1	06/14/24 22:02	06/17/24 17:23	218-01-9	
Dibenz(a,h)anthracene	0.018	mg/kg	0.0050	0.0025	1	06/14/24 22:02	06/17/24 17:23	53-70-3	
Fluoranthene	0.084	mg/kg	0.0050	0.0035	1	06/14/24 22:02	06/17/24 17:23	206-44-0	
Fluorene	ND	mg/kg	0.0050	0.0020	1	06/14/24 22:02	06/17/24 17:23	86-73-7	
Indeno(1,2,3-cd)pyrene	0.053	mg/kg	0.0050	0.0025	1	06/14/24 22:02	06/17/24 17:23	193-39-5	
1-Methylnaphthalene	ND	mg/kg	0.0050	0.0020	1	06/14/24 22:02	06/17/24 17:23	90-12-0	
2-Methylnaphthalene	ND	mg/kg	0.0050	0.0047	1	06/14/24 22:02	06/17/24 17:23	91-57-6	
Naphthalene	ND	mg/kg	0.0050	0.0046	1	06/14/24 22:02	06/17/24 17:23	91-20-3	
Phenanthrene	0.030	mg/kg	0.0050	0.0036	1	06/14/24 22:02	06/17/24 17:23	85-01-8	
Pyrene	0.088	mg/kg	0.0050	0.0034	1	06/14/24 22:02	06/17/24 17:23	129-00-0	
<b>Surrogates</b>									
2-Fluorobiphenyl (S)	69	%	16-93		1	06/14/24 22:02	06/17/24 17:23	321-60-8	
p-Terphenyl-d14 (S)	82	%	19-115		1	06/14/24 22:02	06/17/24 17:23	1718-51-0	
<b>8260 MSV 5035A VOA</b>									
Analytical Method: EPA 8260									
Pace Analytical Services - Indianapolis									
Acetone	ND	mg/kg	0.11	0.022	1		06/13/24 11:43	67-64-1	
Acrolein	ND	mg/kg	0.11	0.021	1		06/13/24 11:43	107-02-8	
Acrylonitrile	ND	mg/kg	0.11	0.0041	1		06/13/24 11:43	107-13-1	
Benzene	ND	mg/kg	0.0055	0.00063	1		06/13/24 11:43	71-43-2	
Bromobenzene	ND	mg/kg	0.0055	0.00077	1		06/13/24 11:43	108-86-1	
Bromochloromethane	ND	mg/kg	0.0055	0.00087	1		06/13/24 11:43	74-97-5	
Bromodichloromethane	ND	mg/kg	0.0055	0.00069	1		06/13/24 11:43	75-27-4	
Bromoform	ND	mg/kg	0.0055	0.00073	1		06/13/24 11:43	75-25-2	
Bromomethane	ND	mg/kg	0.0055	0.00069	1		06/13/24 11:43	74-83-9	
2-Butanone (MEK)	ND	mg/kg	0.027	0.014	1		06/13/24 11:43	78-93-3	
n-Butylbenzene	ND	mg/kg	0.0055	0.00068	1		06/13/24 11:43	104-51-8	
sec-Butylbenzene	ND	mg/kg	0.0055	0.00069	1		06/13/24 11:43	135-98-8	
tert-Butylbenzene	ND	mg/kg	0.0055	0.00069	1		06/13/24 11:43	98-06-6	
Carbon disulfide	ND	mg/kg	0.011	0.00077	1		06/13/24 11:43	75-15-0	
Carbon tetrachloride	ND	mg/kg	0.0055	0.0028	1		06/13/24 11:43	56-23-5	
Chlorobenzene	ND	mg/kg	0.0055	0.00073	1		06/13/24 11:43	108-90-7	

## REPORT OF LABORATORY ANALYSIS

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## ANALYTICAL RESULTS

Project: Genesis Convention Center

Pace Project No.: 50375189

Sample: SB-1 (1-3) Lab ID: 50375189001 Collected: 06/04/24 09:09 Received: 06/06/24 13:02 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV 5035A VOA</b>		Analytical Method: EPA 8260 Pace Analytical Services - Indianapolis							
Chloroethane	ND	mg/kg	0.0055	0.0011	1		06/13/24 11:43	75-00-3	
Chloroform	ND	mg/kg	0.0055	0.0026	1		06/13/24 11:43	67-66-3	
Chloromethane	ND	mg/kg	0.0055	0.00064	1		06/13/24 11:43	74-87-3	
2-Chlorotoluene	ND	mg/kg	0.0055	0.00075	1		06/13/24 11:43	95-49-8	
4-Chlorotoluene	ND	mg/kg	0.0055	0.00073	1		06/13/24 11:43	106-43-4	
Dibromochloromethane	ND	mg/kg	0.0055	0.00076	1		06/13/24 11:43	124-48-1	
1,2-Dibromoethane (EDB)	ND	mg/kg	0.0055	0.00076	1		06/13/24 11:43	106-93-4	
Dibromomethane	ND	mg/kg	0.0055	0.0014	1		06/13/24 11:43	74-95-3	
1,2-Dichlorobenzene	ND	mg/kg	0.0055	0.00074	1		06/13/24 11:43	95-50-1	
1,3-Dichlorobenzene	ND	mg/kg	0.0055	0.00074	1		06/13/24 11:43	541-73-1	
1,4-Dichlorobenzene	ND	mg/kg	0.0055	0.00071	1		06/13/24 11:43	106-46-7	
trans-1,4-Dichloro-2-butene	ND	mg/kg	0.11	0.0014	1		06/13/24 11:43	110-57-6	
Dichlorodifluoromethane	ND	mg/kg	0.0055	0.0028	1		06/13/24 11:43	75-71-8	
1,1-Dichloroethane	ND	mg/kg	0.0055	0.00067	1		06/13/24 11:43	75-34-3	
1,2-Dichloroethane	ND	mg/kg	0.0055	0.0011	1		06/13/24 11:43	107-06-2	
1,1-Dichloroethene	ND	mg/kg	0.0055	0.00084	1		06/13/24 11:43	75-35-4	
cis-1,2-Dichloroethene	ND	mg/kg	0.0055	0.00075	1		06/13/24 11:43	156-59-2	
trans-1,2-Dichloroethene	ND	mg/kg	0.0055	0.00073	1		06/13/24 11:43	156-60-5	
1,2-Dichloropropane	ND	mg/kg	0.0055	0.00078	1		06/13/24 11:43	78-87-5	
1,3-Dichloropropane	ND	mg/kg	0.0055	0.00077	1		06/13/24 11:43	142-28-9	
2,2-Dichloropropane	ND	mg/kg	0.0055	0.00070	1		06/13/24 11:43	594-20-7	
1,1-Dichloropropene	ND	mg/kg	0.0055	0.0016	1		06/13/24 11:43	563-58-6	
cis-1,3-Dichloropropene	ND	mg/kg	0.0055	0.00069	1		06/13/24 11:43	10061-01-5	
trans-1,3-Dichloropropene	ND	mg/kg	0.0055	0.0014	1		06/13/24 11:43	10061-02-6	
Ethylbenzene	ND	mg/kg	0.0055	0.00070	1		06/13/24 11:43	100-41-4	
Ethyl methacrylate	ND	mg/kg	0.11	0.00073	1		06/13/24 11:43	97-63-2	
Hexachloro-1,3-butadiene	ND	mg/kg	0.0055	0.00075	1		06/13/24 11:43	87-68-3	
n-Hexane	ND	mg/kg	0.0055	0.0039	1		06/13/24 11:43	110-54-3	
2-Hexanone	ND	mg/kg	0.11	0.010	1		06/13/24 11:43	591-78-6	
Iodomethane	ND	mg/kg	0.11	0.0031	1		06/13/24 11:43	74-88-4	
Isopropylbenzene (Cumene)	ND	mg/kg	0.0055	0.0018	1		06/13/24 11:43	98-82-8	
p-Isopropyltoluene	ND	mg/kg	0.0055	0.00068	1		06/13/24 11:43	99-87-6	
Methylene Chloride	ND	mg/kg	0.022	0.0097	1		06/13/24 11:43	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	mg/kg	0.027	0.0041	1		06/13/24 11:43	108-10-1	
Methyl-tert-butyl ether	ND	mg/kg	0.0055	0.00065	1		06/13/24 11:43	1634-04-4	
Naphthalene	ND	mg/kg	0.0055	0.00083	1		06/13/24 11:43	91-20-3	
n-Propylbenzene	ND	mg/kg	0.0055	0.00066	1		06/13/24 11:43	103-65-1	
Styrene	ND	mg/kg	0.0055	0.0040	1		06/13/24 11:43	100-42-5	
1,1,1,2-Tetrachloroethane	ND	mg/kg	0.0055	0.00075	1		06/13/24 11:43	630-20-6	
1,1,2,2-Tetrachloroethane	ND	mg/kg	0.0055	0.00083	1		06/13/24 11:43	79-34-5	
Tetrachloroethene	ND	mg/kg	0.0055	0.00069	1		06/13/24 11:43	127-18-4	
Toluene	ND	mg/kg	0.0055	0.0013	1		06/13/24 11:43	108-88-3	
1,2,3-Trichlorobenzene	ND	mg/kg	0.0055	0.00080	1		06/13/24 11:43	87-61-6	
1,2,4-Trichlorobenzene	ND	mg/kg	0.0055	0.00079	1		06/13/24 11:43	120-82-1	

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### ANALYTICAL RESULTS

Project: Genesis Convention Center

Pace Project No.: 50375189

Sample: **SB-1 (1-3)** Lab ID: **50375189001** Collected: 06/04/24 09:09 Received: 06/06/24 13:02 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV 5035A VOA</b>									
Analytical Method: EPA 8260									
Pace Analytical Services - Indianapolis									
1,1,1-Trichloroethane	ND	mg/kg	0.0055	0.00081	1		06/13/24 11:43	71-55-6	
1,1,2-Trichloroethane	ND	mg/kg	0.0055	0.00081	1		06/13/24 11:43	79-00-5	
Trichloroethene	ND	mg/kg	0.0055	0.00077	1		06/13/24 11:43	79-01-6	
Trichlorofluoromethane	ND	mg/kg	0.0055	0.0031	1		06/13/24 11:43	75-69-4	
1,2,3-Trichloropropane	ND	mg/kg	0.0055	0.0015	1		06/13/24 11:43	96-18-4	
1,2,4-Trimethylbenzene	ND	mg/kg	0.0055	0.00072	1		06/13/24 11:43	95-63-6	
1,3,5-Trimethylbenzene	ND	mg/kg	0.0055	0.0036	1		06/13/24 11:43	108-67-8	
Vinyl acetate	ND	mg/kg	0.11	0.0021	1		06/13/24 11:43	108-05-4	
Vinyl chloride	ND	mg/kg	0.0055	0.00060	1		06/13/24 11:43	75-01-4	
Xylene (Total)	ND	mg/kg	0.011	0.0014	1		06/13/24 11:43	1330-20-7	
<b>Surrogates</b>									
Dibromofluoromethane (S)	107	%	75-135		1		06/13/24 11:43	1868-53-7	
Toluene-d8 (S)	101	%	65-148		1		06/13/24 11:43	2037-26-5	
4-Bromofluorobenzene (S)	93	%	63-132		1		06/13/24 11:43	460-00-4	
<b>Percent Moisture</b>									
Analytical Method: SM 2540G									
Pace Analytical Services - Indianapolis									
Percent Moisture	<b>4.2</b>	%	0.10	0.10	1		06/18/24 13:25		N2

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## ANALYTICAL RESULTS

Project: Genesis Convention Center

Pace Project No.: 50375189

Sample: SB-1 (12-14) Lab ID: 50375189002 Collected: 06/04/24 09:28 Received: 06/06/24 13:02 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
<b>6010 MET ICP</b>									
Analytical Method: EPA 6010 Preparation Method: EPA 3050									
Pace Analytical Services - Indianapolis									
Lead	1.7	mg/kg	0.98	0.23	1	06/18/24 00:04	06/18/24 11:15	7439-92-1	
<b>8270 PAH Soil by SIM</b>									
Analytical Method: EPA 8270 by SIM Preparation Method: EPA 3546									
Pace Analytical Services - Indianapolis									
Acenaphthene	ND	mg/kg	0.0051	0.0021	1	06/14/24 22:02	06/17/24 17:37	83-32-9	
Acenaphthylene	ND	mg/kg	0.0051	0.0019	1	06/14/24 22:02	06/17/24 17:37	208-96-8	
Anthracene	ND	mg/kg	0.0051	0.0026	1	06/14/24 22:02	06/17/24 17:37	120-12-7	
Benzo(a)anthracene	ND	mg/kg	0.0051	0.0015	1	06/14/24 22:02	06/17/24 17:37	56-55-3	
Benzo(a)pyrene	ND	mg/kg	0.0051	0.0030	1	06/14/24 22:02	06/17/24 17:37	50-32-8	
Benzo(b)fluoranthene	ND	mg/kg	0.0051	0.0028	1	06/14/24 22:02	06/17/24 17:37	205-99-2	
Benzo(g,h,i)perylene	ND	mg/kg	0.0051	0.0030	1	06/14/24 22:02	06/17/24 17:37	191-24-2	
Benzo(k)fluoranthene	ND	mg/kg	0.0051	0.0024	1	06/14/24 22:02	06/17/24 17:37	207-08-9	
Chrysene	ND	mg/kg	0.0051	0.0035	1	06/14/24 22:02	06/17/24 17:37	218-01-9	
Dibenz(a,h)anthracene	ND	mg/kg	0.0051	0.0025	1	06/14/24 22:02	06/17/24 17:37	53-70-3	
Fluoranthene	ND	mg/kg	0.0051	0.0036	1	06/14/24 22:02	06/17/24 17:37	206-44-0	
Fluorene	ND	mg/kg	0.0051	0.0020	1	06/14/24 22:02	06/17/24 17:37	86-73-7	
Indeno(1,2,3-cd)pyrene	ND	mg/kg	0.0051	0.0026	1	06/14/24 22:02	06/17/24 17:37	193-39-5	
1-Methylnaphthalene	ND	mg/kg	0.0051	0.0021	1	06/14/24 22:02	06/17/24 17:37	90-12-0	
2-Methylnaphthalene	ND	mg/kg	0.0051	0.0048	1	06/14/24 22:02	06/17/24 17:37	91-57-6	
Naphthalene	ND	mg/kg	0.0051	0.0047	1	06/14/24 22:02	06/17/24 17:37	91-20-3	
Phenanthrene	ND	mg/kg	0.0051	0.0037	1	06/14/24 22:02	06/17/24 17:37	85-01-8	
Pyrene	ND	mg/kg	0.0051	0.0035	1	06/14/24 22:02	06/17/24 17:37	129-00-0	
<b>Surrogates</b>									
2-Fluorobiphenyl (S)	66	%	16-93		1	06/14/24 22:02	06/17/24 17:37	321-60-8	
p-Terphenyl-d14 (S)	76	%	19-115		1	06/14/24 22:02	06/17/24 17:37	1718-51-0	
<b>8260 MSV 5035A VOA</b>									
Analytical Method: EPA 8260									
Pace Analytical Services - Indianapolis									
Acetone	ND	mg/kg	0.091	0.019	1		06/13/24 12:13	67-64-1	
Acrolein	ND	mg/kg	0.091	0.017	1		06/13/24 12:13	107-02-8	
Acrylonitrile	ND	mg/kg	0.091	0.0034	1		06/13/24 12:13	107-13-1	
Benzene	ND	mg/kg	0.0046	0.00052	1		06/13/24 12:13	71-43-2	
Bromobenzene	ND	mg/kg	0.0046	0.00064	1		06/13/24 12:13	108-86-1	
Bromochloromethane	ND	mg/kg	0.0046	0.00072	1		06/13/24 12:13	74-97-5	
Bromodichloromethane	ND	mg/kg	0.0046	0.00057	1		06/13/24 12:13	75-27-4	
Bromoform	ND	mg/kg	0.0046	0.00061	1		06/13/24 12:13	75-25-2	
Bromomethane	ND	mg/kg	0.0046	0.00058	1		06/13/24 12:13	74-83-9	
2-Butanone (MEK)	ND	mg/kg	0.023	0.011	1		06/13/24 12:13	78-93-3	
n-Butylbenzene	ND	mg/kg	0.0046	0.00057	1		06/13/24 12:13	104-51-8	
sec-Butylbenzene	ND	mg/kg	0.0046	0.00057	1		06/13/24 12:13	135-98-8	
tert-Butylbenzene	ND	mg/kg	0.0046	0.00057	1		06/13/24 12:13	98-06-6	
Carbon disulfide	ND	mg/kg	0.0091	0.00064	1		06/13/24 12:13	75-15-0	
Carbon tetrachloride	ND	mg/kg	0.0046	0.0023	1		06/13/24 12:13	56-23-5	
Chlorobenzene	ND	mg/kg	0.0046	0.00061	1		06/13/24 12:13	108-90-7	

## REPORT OF LABORATORY ANALYSIS

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## ANALYTICAL RESULTS

Project: Genesis Convention Center

Pace Project No.: 50375189

Sample: SB-1 (12-14) Lab ID: 50375189002 Collected: 06/04/24 09:28 Received: 06/06/24 13:02 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV 5035A VOA</b>		Analytical Method: EPA 8260 Pace Analytical Services - Indianapolis							
Chloroethane	ND	mg/kg	0.0046	0.00087	1		06/13/24 12:13	75-00-3	
Chloroform	ND	mg/kg	0.0046	0.0021	1		06/13/24 12:13	67-66-3	
Chloromethane	ND	mg/kg	0.0046	0.00053	1		06/13/24 12:13	74-87-3	
2-Chlorotoluene	ND	mg/kg	0.0046	0.00062	1		06/13/24 12:13	95-49-8	
4-Chlorotoluene	ND	mg/kg	0.0046	0.00061	1		06/13/24 12:13	106-43-4	
Dibromochloromethane	ND	mg/kg	0.0046	0.00063	1		06/13/24 12:13	124-48-1	
1,2-Dibromoethane (EDB)	ND	mg/kg	0.0046	0.00063	1		06/13/24 12:13	106-93-4	
Dibromomethane	ND	mg/kg	0.0046	0.0012	1		06/13/24 12:13	74-95-3	
1,2-Dichlorobenzene	ND	mg/kg	0.0046	0.00062	1		06/13/24 12:13	95-50-1	
1,3-Dichlorobenzene	ND	mg/kg	0.0046	0.00061	1		06/13/24 12:13	541-73-1	
1,4-Dichlorobenzene	ND	mg/kg	0.0046	0.00059	1		06/13/24 12:13	106-46-7	
trans-1,4-Dichloro-2-butene	ND	mg/kg	0.091	0.0012	1		06/13/24 12:13	110-57-6	
Dichlorodifluoromethane	ND	mg/kg	0.0046	0.0024	1		06/13/24 12:13	75-71-8	
1,1-Dichloroethane	ND	mg/kg	0.0046	0.00055	1		06/13/24 12:13	75-34-3	
1,2-Dichloroethane	ND	mg/kg	0.0046	0.00094	1		06/13/24 12:13	107-06-2	
1,1-Dichloroethene	ND	mg/kg	0.0046	0.00069	1		06/13/24 12:13	75-35-4	
cis-1,2-Dichloroethene	ND	mg/kg	0.0046	0.00063	1		06/13/24 12:13	156-59-2	
trans-1,2-Dichloroethene	ND	mg/kg	0.0046	0.00061	1		06/13/24 12:13	156-60-5	
1,2-Dichloropropane	ND	mg/kg	0.0046	0.00065	1		06/13/24 12:13	78-87-5	
1,3-Dichloropropane	ND	mg/kg	0.0046	0.00064	1		06/13/24 12:13	142-28-9	
2,2-Dichloropropane	ND	mg/kg	0.0046	0.00059	1		06/13/24 12:13	594-20-7	
1,1-Dichloropropene	ND	mg/kg	0.0046	0.0014	1		06/13/24 12:13	563-58-6	
cis-1,3-Dichloropropene	ND	mg/kg	0.0046	0.00057	1		06/13/24 12:13	10061-01-5	
trans-1,3-Dichloropropene	ND	mg/kg	0.0046	0.0012	1		06/13/24 12:13	10061-02-6	
Ethylbenzene	ND	mg/kg	0.0046	0.00058	1		06/13/24 12:13	100-41-4	
Ethyl methacrylate	ND	mg/kg	0.091	0.00061	1		06/13/24 12:13	97-63-2	
Hexachloro-1,3-butadiene	ND	mg/kg	0.0046	0.00062	1		06/13/24 12:13	87-68-3	
n-Hexane	ND	mg/kg	0.0046	0.0032	1		06/13/24 12:13	110-54-3	
2-Hexanone	ND	mg/kg	0.091	0.0086	1		06/13/24 12:13	591-78-6	
Iodomethane	ND	mg/kg	0.091	0.0026	1		06/13/24 12:13	74-88-4	
Isopropylbenzene (Cumene)	ND	mg/kg	0.0046	0.0015	1		06/13/24 12:13	98-82-8	
p-Isopropyltoluene	ND	mg/kg	0.0046	0.00057	1		06/13/24 12:13	99-87-6	
Methylene Chloride	ND	mg/kg	0.018	0.0081	1		06/13/24 12:13	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	mg/kg	0.023	0.0034	1		06/13/24 12:13	108-10-1	
Methyl-tert-butyl ether	ND	mg/kg	0.0046	0.00054	1		06/13/24 12:13	1634-04-4	
Naphthalene	ND	mg/kg	0.0046	0.00069	1		06/13/24 12:13	91-20-3	
n-Propylbenzene	ND	mg/kg	0.0046	0.00055	1		06/13/24 12:13	103-65-1	
Styrene	ND	mg/kg	0.0046	0.0033	1		06/13/24 12:13	100-42-5	
1,1,1,2-Tetrachloroethane	ND	mg/kg	0.0046	0.00062	1		06/13/24 12:13	630-20-6	
1,1,1,2,2-Tetrachloroethane	ND	mg/kg	0.0046	0.00069	1		06/13/24 12:13	79-34-5	
Tetrachloroethene	ND	mg/kg	0.0046	0.00057	1		06/13/24 12:13	127-18-4	
Toluene	ND	mg/kg	0.0046	0.0011	1		06/13/24 12:13	108-88-3	
1,2,3-Trichlorobenzene	ND	mg/kg	0.0046	0.00066	1		06/13/24 12:13	87-61-6	
1,2,4-Trichlorobenzene	ND	mg/kg	0.0046	0.00066	1		06/13/24 12:13	120-82-1	

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### ANALYTICAL RESULTS

Project: Genesis Convention Center

Pace Project No.: 50375189

Sample: SB-1 (12-14) Lab ID: 50375189002 Collected: 06/04/24 09:28 Received: 06/06/24 13:02 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV 5035A VOA</b>									
Analytical Method: EPA 8260									
Pace Analytical Services - Indianapolis									
1,1,1-Trichloroethane	ND	mg/kg	0.0046	0.00067	1		06/13/24 12:13	71-55-6	
1,1,2-Trichloroethane	ND	mg/kg	0.0046	0.00067	1		06/13/24 12:13	79-00-5	
Trichloroethene	ND	mg/kg	0.0046	0.00064	1		06/13/24 12:13	79-01-6	
Trichlorofluoromethane	ND	mg/kg	0.0046	0.0026	1		06/13/24 12:13	75-69-4	
1,2,3-Trichloropropane	ND	mg/kg	0.0046	0.0012	1		06/13/24 12:13	96-18-4	
1,2,4-Trimethylbenzene	ND	mg/kg	0.0046	0.00060	1		06/13/24 12:13	95-63-6	
1,3,5-Trimethylbenzene	ND	mg/kg	0.0046	0.0030	1		06/13/24 12:13	108-67-8	
Vinyl acetate	ND	mg/kg	0.091	0.0018	1		06/13/24 12:13	108-05-4	
Vinyl chloride	ND	mg/kg	0.0046	0.00050	1		06/13/24 12:13	75-01-4	
Xylene (Total)	ND	mg/kg	0.0091	0.0012	1		06/13/24 12:13	1330-20-7	
<b>Surrogates</b>									
Dibromofluoromethane (S)	103	%	75-135		1		06/13/24 12:13	1868-53-7	
Toluene-d8 (S)	97	%	65-148		1		06/13/24 12:13	2037-26-5	
4-Bromofluorobenzene (S)	94	%	63-132		1		06/13/24 12:13	460-00-4	
<b>Percent Moisture</b>									
Analytical Method: SM 2540G									
Pace Analytical Services - Indianapolis									
Percent Moisture	5.8	%	0.10	0.10	1		06/18/24 13:26		N2

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## ANALYTICAL RESULTS

Project: Genesis Convention Center

Pace Project No.: 50375189

Sample: SB-2 (1-3) Lab ID: 50375189003 Collected: 06/04/24 10:02 Received: 06/06/24 13:02 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
<b>6010 MET ICP</b>									
Analytical Method: EPA 6010 Preparation Method: EPA 3050									
Pace Analytical Services - Indianapolis									
Lead	17.3	mg/kg	0.94	0.22	1	06/18/24 00:04	06/18/24 11:16	7439-92-1	
<b>8270 PAH Soil by SIM</b>									
Analytical Method: EPA 8270 by SIM Preparation Method: EPA 3546									
Pace Analytical Services - Indianapolis									
Acenaphthene	ND	mg/kg	0.025	0.010	5	06/14/24 22:02	06/17/24 17:50	83-32-9	
Acenaphthylene	ND	mg/kg	0.025	0.0096	5	06/14/24 22:02	06/17/24 17:50	208-96-8	
Anthracene	0.061	mg/kg	0.025	0.013	5	06/14/24 22:02	06/17/24 17:50	120-12-7	
Benzo(a)anthracene	0.28	mg/kg	0.025	0.0072	5	06/14/24 22:02	06/17/24 17:50	56-55-3	
Benzo(a)pyrene	0.30	mg/kg	0.025	0.015	5	06/14/24 22:02	06/17/24 17:50	50-32-8	
Benzo(b)fluoranthene	0.37	mg/kg	0.025	0.014	5	06/14/24 22:02	06/17/24 17:50	205-99-2	
Benzo(g,h,i)perylene	0.25	mg/kg	0.025	0.015	5	06/14/24 22:02	06/17/24 17:50	191-24-2	
Benzo(k)fluoranthene	0.16	mg/kg	0.025	0.012	5	06/14/24 22:02	06/17/24 17:50	207-08-9	
Chrysene	0.31	mg/kg	0.025	0.018	5	06/14/24 22:02	06/17/24 17:50	218-01-9	
Dibenz(a,h)anthracene	ND	mg/kg	0.025	0.013	5	06/14/24 22:02	06/17/24 17:50	53-70-3	
Fluoranthene	0.54	mg/kg	0.025	0.018	5	06/14/24 22:02	06/17/24 17:50	206-44-0	
Fluorene	ND	mg/kg	0.025	0.010	5	06/14/24 22:02	06/17/24 17:50	86-73-7	
Indeno(1,2,3-cd)pyrene	0.19	mg/kg	0.025	0.013	5	06/14/24 22:02	06/17/24 17:50	193-39-5	
1-Methylnaphthalene	ND	mg/kg	0.025	0.010	5	06/14/24 22:02	06/17/24 17:50	90-12-0	
2-Methylnaphthalene	ND	mg/kg	0.025	0.024	5	06/14/24 22:02	06/17/24 17:50	91-57-6	
Naphthalene	ND	mg/kg	0.025	0.023	5	06/14/24 22:02	06/17/24 17:50	91-20-3	ED
Phenanthrene	0.27	mg/kg	0.025	0.018	5	06/14/24 22:02	06/17/24 17:50	85-01-8	
Pyrene	0.54	mg/kg	0.025	0.017	5	06/14/24 22:02	06/17/24 17:50	129-00-0	
<b>Surrogates</b>									
2-Fluorobiphenyl (S)	70	%	16-93		5	06/14/24 22:02	06/17/24 17:50	321-60-8	
p-Terphenyl-d14 (S)	79	%	19-115		5	06/14/24 22:02	06/17/24 17:50	1718-51-0	
<b>8260 MSV 5035A VOA</b>									
Analytical Method: EPA 8260									
Pace Analytical Services - Indianapolis									
Acetone	ND	mg/kg	0.11	0.022	1		06/13/24 12:43	67-64-1	
Acrolein	ND	mg/kg	0.11	0.021	1		06/13/24 12:43	107-02-8	
Acrylonitrile	ND	mg/kg	0.11	0.0042	1		06/13/24 12:43	107-13-1	
Benzene	ND	mg/kg	0.0055	0.00064	1		06/13/24 12:43	71-43-2	
Bromobenzene	ND	mg/kg	0.0055	0.00077	1		06/13/24 12:43	108-86-1	
Bromochloromethane	ND	mg/kg	0.0055	0.00087	1		06/13/24 12:43	74-97-5	
Bromodichloromethane	ND	mg/kg	0.0055	0.00069	1		06/13/24 12:43	75-27-4	
Bromoform	ND	mg/kg	0.0055	0.00074	1		06/13/24 12:43	75-25-2	
Bromomethane	ND	mg/kg	0.0055	0.00070	1		06/13/24 12:43	74-83-9	
2-Butanone (MEK)	ND	mg/kg	0.028	0.014	1		06/13/24 12:43	78-93-3	
n-Butylbenzene	ND	mg/kg	0.0055	0.00069	1		06/13/24 12:43	104-51-8	
sec-Butylbenzene	ND	mg/kg	0.0055	0.00069	1		06/13/24 12:43	135-98-8	
tert-Butylbenzene	ND	mg/kg	0.0055	0.00069	1		06/13/24 12:43	98-06-6	
Carbon disulfide	ND	mg/kg	0.011	0.00077	1		06/13/24 12:43	75-15-0	
Carbon tetrachloride	ND	mg/kg	0.0055	0.0028	1		06/13/24 12:43	56-23-5	
Chlorobenzene	ND	mg/kg	0.0055	0.00074	1		06/13/24 12:43	108-90-7	

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## ANALYTICAL RESULTS

Project: Genesis Convention Center

Pace Project No.: 50375189

Sample: SB-2 (1-3) Lab ID: 50375189003 Collected: 06/04/24 10:02 Received: 06/06/24 13:02 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV 5035A VOA</b>		Analytical Method: EPA 8260 Pace Analytical Services - Indianapolis							
Chloroethane	ND	mg/kg	0.0055	0.0011	1		06/13/24 12:43	75-00-3	
Chloroform	ND	mg/kg	0.0055	0.0026	1		06/13/24 12:43	67-66-3	
Chloromethane	ND	mg/kg	0.0055	0.00064	1		06/13/24 12:43	74-87-3	
2-Chlorotoluene	ND	mg/kg	0.0055	0.00076	1		06/13/24 12:43	95-49-8	
4-Chlorotoluene	ND	mg/kg	0.0055	0.00074	1		06/13/24 12:43	106-43-4	
Dibromochloromethane	ND	mg/kg	0.0055	0.00077	1		06/13/24 12:43	124-48-1	
1,2-Dibromoethane (EDB)	ND	mg/kg	0.0055	0.00076	1		06/13/24 12:43	106-93-4	
Dibromomethane	ND	mg/kg	0.0055	0.0014	1		06/13/24 12:43	74-95-3	
1,2-Dichlorobenzene	ND	mg/kg	0.0055	0.00075	1		06/13/24 12:43	95-50-1	
1,3-Dichlorobenzene	ND	mg/kg	0.0055	0.00075	1		06/13/24 12:43	541-73-1	
1,4-Dichlorobenzene	ND	mg/kg	0.0055	0.00072	1		06/13/24 12:43	106-46-7	
trans-1,4-Dichloro-2-butene	ND	mg/kg	0.11	0.0014	1		06/13/24 12:43	110-57-6	
Dichlorodifluoromethane	ND	mg/kg	0.0055	0.0029	1		06/13/24 12:43	75-71-8	
1,1-Dichloroethane	ND	mg/kg	0.0055	0.00067	1		06/13/24 12:43	75-34-3	
1,2-Dichloroethane	ND	mg/kg	0.0055	0.0011	1		06/13/24 12:43	107-06-2	
1,1-Dichloroethene	ND	mg/kg	0.0055	0.00084	1		06/13/24 12:43	75-35-4	
cis-1,2-Dichloroethene	ND	mg/kg	0.0055	0.00076	1		06/13/24 12:43	156-59-2	
trans-1,2-Dichloroethene	ND	mg/kg	0.0055	0.00074	1		06/13/24 12:43	156-60-5	
1,2-Dichloropropane	ND	mg/kg	0.0055	0.00078	1		06/13/24 12:43	78-87-5	
1,3-Dichloropropane	ND	mg/kg	0.0055	0.00077	1		06/13/24 12:43	142-28-9	
2,2-Dichloropropane	ND	mg/kg	0.0055	0.00071	1		06/13/24 12:43	594-20-7	
1,1-Dichloropropene	ND	mg/kg	0.0055	0.0017	1		06/13/24 12:43	563-58-6	
cis-1,3-Dichloropropene	ND	mg/kg	0.0055	0.00070	1		06/13/24 12:43	10061-01-5	
trans-1,3-Dichloropropene	ND	mg/kg	0.0055	0.0014	1		06/13/24 12:43	10061-02-6	
Ethylbenzene	ND	mg/kg	0.0055	0.00071	1		06/13/24 12:43	100-41-4	
Ethyl methacrylate	ND	mg/kg	0.11	0.00074	1		06/13/24 12:43	97-63-2	
Hexachloro-1,3-butadiene	ND	mg/kg	0.0055	0.00075	1		06/13/24 12:43	87-68-3	
n-Hexane	ND	mg/kg	0.0055	0.0039	1		06/13/24 12:43	110-54-3	
2-Hexanone	ND	mg/kg	0.11	0.010	1		06/13/24 12:43	591-78-6	
Iodomethane	ND	mg/kg	0.11	0.0032	1		06/13/24 12:43	74-88-4	
Isopropylbenzene (Cumene)	ND	mg/kg	0.0055	0.0018	1		06/13/24 12:43	98-82-8	
p-Isopropyltoluene	ND	mg/kg	0.0055	0.00069	1		06/13/24 12:43	99-87-6	
Methylene Chloride	ND	mg/kg	0.022	0.0098	1		06/13/24 12:43	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	mg/kg	0.028	0.0041	1		06/13/24 12:43	108-10-1	
Methyl-tert-butyl ether	ND	mg/kg	0.0055	0.00065	1		06/13/24 12:43	1634-04-4	
Naphthalene	ND	mg/kg	0.0055	0.00084	1		06/13/24 12:43	91-20-3	
n-Propylbenzene	ND	mg/kg	0.0055	0.00067	1		06/13/24 12:43	103-65-1	
Styrene	ND	mg/kg	0.0055	0.0040	1		06/13/24 12:43	100-42-5	
1,1,1,2-Tetrachloroethane	ND	mg/kg	0.0055	0.00076	1		06/13/24 12:43	630-20-6	
1,1,2,2-Tetrachloroethane	ND	mg/kg	0.0055	0.00083	1		06/13/24 12:43	79-34-5	
Tetrachloroethene	ND	mg/kg	0.0055	0.00069	1		06/13/24 12:43	127-18-4	
Toluene	ND	mg/kg	0.0055	0.0013	1		06/13/24 12:43	108-88-3	
1,2,3-Trichlorobenzene	ND	mg/kg	0.0055	0.00080	1		06/13/24 12:43	87-61-6	
1,2,4-Trichlorobenzene	ND	mg/kg	0.0055	0.00080	1		06/13/24 12:43	120-82-1	

## REPORT OF LABORATORY ANALYSIS

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### ANALYTICAL RESULTS

Project: Genesis Convention Center

Pace Project No.: 50375189

Sample: SB-2 (1-3) Lab ID: 50375189003 Collected: 06/04/24 10:02 Received: 06/06/24 13:02 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV 5035A VOA</b>									
Analytical Method: EPA 8260									
Pace Analytical Services - Indianapolis									
1,1,1-Trichloroethane	ND	mg/kg	0.0055	0.00081	1		06/13/24 12:43	71-55-6	
1,1,2-Trichloroethane	ND	mg/kg	0.0055	0.00082	1		06/13/24 12:43	79-00-5	
Trichloroethene	ND	mg/kg	0.0055	0.00077	1		06/13/24 12:43	79-01-6	
Trichlorofluoromethane	ND	mg/kg	0.0055	0.0031	1		06/13/24 12:43	75-69-4	
1,2,3-Trichloropropane	ND	mg/kg	0.0055	0.0015	1		06/13/24 12:43	96-18-4	
1,2,4-Trimethylbenzene	ND	mg/kg	0.0055	0.00073	1		06/13/24 12:43	95-63-6	
1,3,5-Trimethylbenzene	ND	mg/kg	0.0055	0.0037	1		06/13/24 12:43	108-67-8	
Vinyl acetate	ND	mg/kg	0.11	0.0021	1		06/13/24 12:43	108-05-4	
Vinyl chloride	ND	mg/kg	0.0055	0.00061	1		06/13/24 12:43	75-01-4	
Xylene (Total)	ND	mg/kg	0.011	0.0014	1		06/13/24 12:43	1330-20-7	
<b>Surrogates</b>									
Dibromofluoromethane (S)	105	%	75-135		1		06/13/24 12:43	1868-53-7	
Toluene-d8 (S)	97	%	65-148		1		06/13/24 12:43	2037-26-5	
4-Bromofluorobenzene (S)	91	%	63-132		1		06/13/24 12:43	460-00-4	

#### Percent Moisture

Analytical Method: SM 2540G

Pace Analytical Services - Indianapolis

Percent Moisture	4.5	%	0.10	0.10	1		06/18/24 13:26		N2
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## ANALYTICAL RESULTS

Project: Genesis Convention Center

Pace Project No.: 50375189

Sample: SB-2 (12-14) Lab ID: 50375189004 Collected: 06/04/24 10:15 Received: 06/06/24 13:02 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
<b>6010 MET ICP</b>									
Analytical Method: EPA 6010 Preparation Method: EPA 3050									
Pace Analytical Services - Indianapolis									
Lead	1.4	mg/kg	1.0	0.24	1	06/18/24 00:04	06/18/24 11:18	7439-92-1	
<b>8270 PAH Soil by SIM</b>									
Analytical Method: EPA 8270 by SIM Preparation Method: EPA 3546									
Pace Analytical Services - Indianapolis									
Acenaphthene	ND	mg/kg	0.0052	0.0021	1	06/14/24 22:02	06/17/24 18:03	83-32-9	
Acenaphthylene	ND	mg/kg	0.0052	0.0020	1	06/14/24 22:02	06/17/24 18:03	208-96-8	
Anthracene	ND	mg/kg	0.0052	0.0026	1	06/14/24 22:02	06/17/24 18:03	120-12-7	
Benzo(a)anthracene	ND	mg/kg	0.0052	0.0015	1	06/14/24 22:02	06/17/24 18:03	56-55-3	
Benzo(a)pyrene	ND	mg/kg	0.0052	0.0031	1	06/14/24 22:02	06/17/24 18:03	50-32-8	
Benzo(b)fluoranthene	ND	mg/kg	0.0052	0.0029	1	06/14/24 22:02	06/17/24 18:03	205-99-2	
Benzo(g,h,i)perylene	ND	mg/kg	0.0052	0.0031	1	06/14/24 22:02	06/17/24 18:03	191-24-2	
Benzo(k)fluoranthene	ND	mg/kg	0.0052	0.0024	1	06/14/24 22:02	06/17/24 18:03	207-08-9	
Chrysene	ND	mg/kg	0.0052	0.0036	1	06/14/24 22:02	06/17/24 18:03	218-01-9	
Dibenz(a,h)anthracene	ND	mg/kg	0.0052	0.0026	1	06/14/24 22:02	06/17/24 18:03	53-70-3	
Fluoranthene	ND	mg/kg	0.0052	0.0036	1	06/14/24 22:02	06/17/24 18:03	206-44-0	
Fluorene	ND	mg/kg	0.0052	0.0021	1	06/14/24 22:02	06/17/24 18:03	86-73-7	
Indeno(1,2,3-cd)pyrene	ND	mg/kg	0.0052	0.0027	1	06/14/24 22:02	06/17/24 18:03	193-39-5	
1-Methylnaphthalene	ND	mg/kg	0.0052	0.0021	1	06/14/24 22:02	06/17/24 18:03	90-12-0	
2-Methylnaphthalene	ND	mg/kg	0.0052	0.0049	1	06/14/24 22:02	06/17/24 18:03	91-57-6	
Naphthalene	ND	mg/kg	0.0052	0.0048	1	06/14/24 22:02	06/17/24 18:03	91-20-3	
Phenanthrene	ND	mg/kg	0.0052	0.0037	1	06/14/24 22:02	06/17/24 18:03	85-01-8	
Pyrene	ND	mg/kg	0.0052	0.0036	1	06/14/24 22:02	06/17/24 18:03	129-00-0	
<b>Surrogates</b>									
2-Fluorobiphenyl (S)	66	%	16-93		1	06/14/24 22:02	06/17/24 18:03	321-60-8	
p-Terphenyl-d14 (S)	76	%	19-115		1	06/14/24 22:02	06/17/24 18:03	1718-51-0	
<b>8260 MSV 5035A VOA</b>									
Analytical Method: EPA 8260									
Pace Analytical Services - Indianapolis									
Acetone	ND	mg/kg	0.10	0.021	1		06/13/24 13:12	67-64-1	
Acrolein	ND	mg/kg	0.10	0.020	1		06/13/24 13:12	107-02-8	
Acrylonitrile	ND	mg/kg	0.10	0.0039	1		06/13/24 13:12	107-13-1	
Benzene	ND	mg/kg	0.0052	0.00060	1		06/13/24 13:12	71-43-2	
Bromobenzene	ND	mg/kg	0.0052	0.00073	1		06/13/24 13:12	108-86-1	
Bromochloromethane	ND	mg/kg	0.0052	0.00082	1		06/13/24 13:12	74-97-5	
Bromodichloromethane	ND	mg/kg	0.0052	0.00065	1		06/13/24 13:12	75-27-4	
Bromoform	ND	mg/kg	0.0052	0.00069	1		06/13/24 13:12	75-25-2	
Bromomethane	ND	mg/kg	0.0052	0.00066	1		06/13/24 13:12	74-83-9	
2-Butanone (MEK)	ND	mg/kg	0.026	0.013	1		06/13/24 13:12	78-93-3	
n-Butylbenzene	ND	mg/kg	0.0052	0.00065	1		06/13/24 13:12	104-51-8	
sec-Butylbenzene	ND	mg/kg	0.0052	0.00065	1		06/13/24 13:12	135-98-8	
tert-Butylbenzene	ND	mg/kg	0.0052	0.00065	1		06/13/24 13:12	98-06-6	
Carbon disulfide	ND	mg/kg	0.010	0.00073	1		06/13/24 13:12	75-15-0	
Carbon tetrachloride	ND	mg/kg	0.0052	0.0026	1		06/13/24 13:12	56-23-5	
Chlorobenzene	ND	mg/kg	0.0052	0.00069	1		06/13/24 13:12	108-90-7	

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## ANALYTICAL RESULTS

Project: Genesis Convention Center

Pace Project No.: 50375189

Sample: SB-2 (12-14) Lab ID: 50375189004 Collected: 06/04/24 10:15 Received: 06/06/24 13:02 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV 5035A VOA</b>		Analytical Method: EPA 8260 Pace Analytical Services - Indianapolis							
Chloroethane	ND	mg/kg	0.0052	0.0010	1		06/13/24 13:12	75-00-3	
Chloroform	ND	mg/kg	0.0052	0.0024	1		06/13/24 13:12	67-66-3	
Chloromethane	ND	mg/kg	0.0052	0.00061	1		06/13/24 13:12	74-87-3	
2-Chlorotoluene	ND	mg/kg	0.0052	0.00071	1		06/13/24 13:12	95-49-8	
4-Chlorotoluene	ND	mg/kg	0.0052	0.00070	1		06/13/24 13:12	106-43-4	
Dibromochloromethane	ND	mg/kg	0.0052	0.00072	1		06/13/24 13:12	124-48-1	
1,2-Dibromoethane (EDB)	ND	mg/kg	0.0052	0.00072	1		06/13/24 13:12	106-93-4	
Dibromomethane	ND	mg/kg	0.0052	0.0013	1		06/13/24 13:12	74-95-3	
1,2-Dichlorobenzene	ND	mg/kg	0.0052	0.00071	1		06/13/24 13:12	95-50-1	
1,3-Dichlorobenzene	ND	mg/kg	0.0052	0.00070	1		06/13/24 13:12	541-73-1	
1,4-Dichlorobenzene	ND	mg/kg	0.0052	0.00068	1		06/13/24 13:12	106-46-7	
trans-1,4-Dichloro-2-butene	ND	mg/kg	0.10	0.0013	1		06/13/24 13:12	110-57-6	
Dichlorodifluoromethane	ND	mg/kg	0.0052	0.0027	1		06/13/24 13:12	75-71-8	
1,1-Dichloroethane	ND	mg/kg	0.0052	0.00063	1		06/13/24 13:12	75-34-3	
1,2-Dichloroethane	ND	mg/kg	0.0052	0.0011	1		06/13/24 13:12	107-06-2	
1,1-Dichloroethene	ND	mg/kg	0.0052	0.00079	1		06/13/24 13:12	75-35-4	
cis-1,2-Dichloroethene	ND	mg/kg	0.0052	0.00072	1		06/13/24 13:12	156-59-2	
trans-1,2-Dichloroethene	ND	mg/kg	0.0052	0.00069	1		06/13/24 13:12	156-60-5	
1,2-Dichloropropane	ND	mg/kg	0.0052	0.00074	1		06/13/24 13:12	78-87-5	
1,3-Dichloropropane	ND	mg/kg	0.0052	0.00073	1		06/13/24 13:12	142-28-9	
2,2-Dichloropropane	ND	mg/kg	0.0052	0.00067	1		06/13/24 13:12	594-20-7	
1,1-Dichloropropene	ND	mg/kg	0.0052	0.0016	1		06/13/24 13:12	563-58-6	
cis-1,3-Dichloropropene	ND	mg/kg	0.0052	0.00066	1		06/13/24 13:12	10061-01-5	
trans-1,3-Dichloropropene	ND	mg/kg	0.0052	0.0013	1		06/13/24 13:12	10061-02-6	
Ethylbenzene	ND	mg/kg	0.0052	0.00067	1		06/13/24 13:12	100-41-4	
Ethyl methacrylate	ND	mg/kg	0.10	0.00069	1		06/13/24 13:12	97-63-2	
Hexachloro-1,3-butadiene	ND	mg/kg	0.0052	0.00071	1		06/13/24 13:12	87-68-3	
n-Hexane	ND	mg/kg	0.0052	0.0037	1		06/13/24 13:12	110-54-3	
2-Hexanone	ND	mg/kg	0.10	0.0098	1		06/13/24 13:12	591-78-6	
Iodomethane	ND	mg/kg	0.10	0.0030	1		06/13/24 13:12	74-88-4	
Isopropylbenzene (Cumene)	ND	mg/kg	0.0052	0.0017	1		06/13/24 13:12	98-82-8	
p-Isopropyltoluene	ND	mg/kg	0.0052	0.00065	1		06/13/24 13:12	99-87-6	
Methylene Chloride	ND	mg/kg	0.021	0.0093	1		06/13/24 13:12	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	mg/kg	0.026	0.0039	1		06/13/24 13:12	108-10-1	
Methyl-tert-butyl ether	ND	mg/kg	0.0052	0.00061	1		06/13/24 13:12	1634-04-4	
Naphthalene	ND	mg/kg	0.0052	0.00079	1		06/13/24 13:12	91-20-3	
n-Propylbenzene	ND	mg/kg	0.0052	0.00063	1		06/13/24 13:12	103-65-1	
Styrene	ND	mg/kg	0.0052	0.0038	1		06/13/24 13:12	100-42-5	
1,1,1,2-Tetrachloroethane	ND	mg/kg	0.0052	0.00071	1		06/13/24 13:12	630-20-6	
1,1,1,2,2-Tetrachloroethane	ND	mg/kg	0.0052	0.00078	1		06/13/24 13:12	79-34-5	
Tetrachloroethene	ND	mg/kg	0.0052	0.00065	1		06/13/24 13:12	127-18-4	
Toluene	ND	mg/kg	0.0052	0.0013	1		06/13/24 13:12	108-88-3	
1,2,3-Trichlorobenzene	ND	mg/kg	0.0052	0.00076	1		06/13/24 13:12	87-61-6	
1,2,4-Trichlorobenzene	ND	mg/kg	0.0052	0.00075	1		06/13/24 13:12	120-82-1	

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### ANALYTICAL RESULTS

Project: Genesis Convention Center

Pace Project No.: 50375189

Sample: SB-2 (12-14) Lab ID: 50375189004 Collected: 06/04/24 10:15 Received: 06/06/24 13:02 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV 5035A VOA</b>									
Analytical Method: EPA 8260									
Pace Analytical Services - Indianapolis									
1,1,1-Trichloroethane	ND	mg/kg	0.0052	0.00077	1		06/13/24 13:12	71-55-6	
1,1,2-Trichloroethane	ND	mg/kg	0.0052	0.00077	1		06/13/24 13:12	79-00-5	
Trichloroethene	ND	mg/kg	0.0052	0.00073	1		06/13/24 13:12	79-01-6	
Trichlorofluoromethane	ND	mg/kg	0.0052	0.0029	1		06/13/24 13:12	75-69-4	
1,2,3-Trichloropropane	ND	mg/kg	0.0052	0.0014	1		06/13/24 13:12	96-18-4	
1,2,4-Trimethylbenzene	ND	mg/kg	0.0052	0.00069	1		06/13/24 13:12	95-63-6	
1,3,5-Trimethylbenzene	ND	mg/kg	0.0052	0.0034	1		06/13/24 13:12	108-67-8	
Vinyl acetate	ND	mg/kg	0.10	0.0020	1		06/13/24 13:12	108-05-4	
Vinyl chloride	ND	mg/kg	0.0052	0.00057	1		06/13/24 13:12	75-01-4	
Xylene (Total)	ND	mg/kg	0.010	0.0014	1		06/13/24 13:12	1330-20-7	
<b>Surrogates</b>									
Dibromofluoromethane (S)	106	%	75-135		1		06/13/24 13:12	1868-53-7	
Toluene-d8 (S)	98	%	65-148		1		06/13/24 13:12	2037-26-5	
4-Bromofluorobenzene (S)	95	%	63-132		1		06/13/24 13:12	460-00-4	
<b>Percent Moisture</b>									
Analytical Method: SM 2540G									
Pace Analytical Services - Indianapolis									
Percent Moisture	5.3	%	0.10	0.10	1		06/18/24 13:26		N2

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## ANALYTICAL RESULTS

Project: Genesis Convention Center

Pace Project No.: 50375189

Sample: SB-3 (1-3) Lab ID: 50375189005 Collected: 06/04/24 10:55 Received: 06/06/24 13:02 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
<b>6010 MET ICP</b>									
Analytical Method: EPA 6010 Preparation Method: EPA 3050									
Pace Analytical Services - Indianapolis									
Lead	20.0	mg/kg	0.98	0.23	1	06/18/24 00:04	06/18/24 11:20	7439-92-1	
<b>8270 PAH Soil by SIM</b>									
Analytical Method: EPA 8270 by SIM Preparation Method: EPA 3546									
Pace Analytical Services - Indianapolis									
Acenaphthene	0.0060	mg/kg	0.0049	0.0020	1	06/14/24 22:02	06/17/24 18:17	83-32-9	
Acenaphthylene	0.027	mg/kg	0.0049	0.0019	1	06/14/24 22:02	06/17/24 18:17	208-96-8	
Anthracene	0.021	mg/kg	0.0049	0.0025	1	06/14/24 22:02	06/17/24 18:17	120-12-7	
Benzo(a)anthracene	0.12	mg/kg	0.0049	0.0014	1	06/14/24 22:02	06/17/24 18:17	56-55-3	
Benzo(a)pyrene	0.14	mg/kg	0.0049	0.0029	1	06/14/24 22:02	06/17/24 18:17	50-32-8	
Benzo(b)fluoranthene	0.21	mg/kg	0.0049	0.0027	1	06/14/24 22:02	06/17/24 18:17	205-99-2	
Benzo(g,h,i)perylene	0.10	mg/kg	0.0049	0.0029	1	06/14/24 22:02	06/17/24 18:17	191-24-2	
Benzo(k)fluoranthene	0.075	mg/kg	0.0049	0.0023	1	06/14/24 22:02	06/17/24 18:17	207-08-9	
Chrysene	0.15	mg/kg	0.0049	0.0034	1	06/14/24 22:02	06/17/24 18:17	218-01-9	
Dibenz(a,h)anthracene	0.032	mg/kg	0.0049	0.0024	1	06/14/24 22:02	06/17/24 18:17	53-70-3	
Fluoranthene	0.20	mg/kg	0.0049	0.0034	1	06/14/24 22:02	06/17/24 18:17	206-44-0	
Fluorene	0.0070	mg/kg	0.0049	0.0019	1	06/14/24 22:02	06/17/24 18:17	86-73-7	
Indeno(1,2,3-cd)pyrene	0.095	mg/kg	0.0049	0.0025	1	06/14/24 22:02	06/17/24 18:17	193-39-5	
1-Methylnaphthalene	0.0080	mg/kg	0.0049	0.0020	1	06/14/24 22:02	06/17/24 18:17	90-12-0	
2-Methylnaphthalene	0.010	mg/kg	0.0049	0.0046	1	06/14/24 22:02	06/17/24 18:17	91-57-6	
Naphthalene	0.018	mg/kg	0.0049	0.0045	1	06/14/24 22:02	06/17/24 18:17	91-20-3	
Phenanthrene	0.13	mg/kg	0.0049	0.0035	1	06/14/24 22:02	06/17/24 18:17	85-01-8	
Pyrene	0.20	mg/kg	0.0049	0.0034	1	06/14/24 22:02	06/17/24 18:17	129-00-0	
<b>Surrogates</b>									
2-Fluorobiphenyl (S)	74	%	16-93		1	06/14/24 22:02	06/17/24 18:17	321-60-8	
p-Terphenyl-d14 (S)	84	%	19-115		1	06/14/24 22:02	06/17/24 18:17	1718-51-0	
<b>8260 MSV 5035A VOA</b>									
Analytical Method: EPA 8260									
Pace Analytical Services - Indianapolis									
Acetone	ND	mg/kg	0.12	0.024	1		06/13/24 13:42	67-64-1	
Acrolein	ND	mg/kg	0.12	0.022	1		06/13/24 13:42	107-02-8	
Acrylonitrile	ND	mg/kg	0.12	0.0044	1		06/13/24 13:42	107-13-1	
Benzene	ND	mg/kg	0.0058	0.00067	1		06/13/24 13:42	71-43-2	
Bromobenzene	ND	mg/kg	0.0058	0.00081	1		06/13/24 13:42	108-86-1	
Bromochloromethane	ND	mg/kg	0.0058	0.00091	1		06/13/24 13:42	74-97-5	
Bromodichloromethane	ND	mg/kg	0.0058	0.00073	1		06/13/24 13:42	75-27-4	
Bromoform	ND	mg/kg	0.0058	0.00077	1		06/13/24 13:42	75-25-2	
Bromomethane	ND	mg/kg	0.0058	0.00073	1		06/13/24 13:42	74-83-9	
2-Butanone (MEK)	ND	mg/kg	0.029	0.014	1		06/13/24 13:42	78-93-3	
n-Butylbenzene	ND	mg/kg	0.0058	0.00072	1		06/13/24 13:42	104-51-8	
sec-Butylbenzene	ND	mg/kg	0.0058	0.00072	1		06/13/24 13:42	135-98-8	
tert-Butylbenzene	ND	mg/kg	0.0058	0.00073	1		06/13/24 13:42	98-06-6	
Carbon disulfide	ND	mg/kg	0.012	0.00081	1		06/13/24 13:42	75-15-0	
Carbon tetrachloride	ND	mg/kg	0.0058	0.0029	1		06/13/24 13:42	56-23-5	
Chlorobenzene	ND	mg/kg	0.0058	0.00077	1		06/13/24 13:42	108-90-7	

## REPORT OF LABORATORY ANALYSIS

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## ANALYTICAL RESULTS

Project: Genesis Convention Center

Pace Project No.: 50375189

Sample: SB-3 (1-3) Lab ID: 50375189005 Collected: 06/04/24 10:55 Received: 06/06/24 13:02 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV 5035A VOA</b>		Analytical Method: EPA 8260 Pace Analytical Services - Indianapolis							
Chloroethane	ND	mg/kg	0.0058	0.0011	1		06/13/24 13:42	75-00-3	
Chloroform	ND	mg/kg	0.0058	0.0027	1		06/13/24 13:42	67-66-3	
Chloromethane	ND	mg/kg	0.0058	0.00067	1		06/13/24 13:42	74-87-3	
2-Chlorotoluene	ND	mg/kg	0.0058	0.00079	1		06/13/24 13:42	95-49-8	
4-Chlorotoluene	ND	mg/kg	0.0058	0.00077	1		06/13/24 13:42	106-43-4	
Dibromochloromethane	ND	mg/kg	0.0058	0.00080	1		06/13/24 13:42	124-48-1	
1,2-Dibromoethane (EDB)	ND	mg/kg	0.0058	0.00080	1		06/13/24 13:42	106-93-4	
Dibromomethane	ND	mg/kg	0.0058	0.0015	1		06/13/24 13:42	74-95-3	
1,2-Dichlorobenzene	ND	mg/kg	0.0058	0.00078	1		06/13/24 13:42	95-50-1	
1,3-Dichlorobenzene	ND	mg/kg	0.0058	0.00078	1		06/13/24 13:42	541-73-1	
1,4-Dichlorobenzene	ND	mg/kg	0.0058	0.00075	1		06/13/24 13:42	106-46-7	
trans-1,4-Dichloro-2-butene	ND	mg/kg	0.12	0.0015	1		06/13/24 13:42	110-57-6	
Dichlorodifluoromethane	ND	mg/kg	0.0058	0.0030	1		06/13/24 13:42	75-71-8	
1,1-Dichloroethane	ND	mg/kg	0.0058	0.00070	1		06/13/24 13:42	75-34-3	
1,2-Dichloroethane	ND	mg/kg	0.0058	0.0012	1		06/13/24 13:42	107-06-2	
1,1-Dichloroethene	ND	mg/kg	0.0058	0.00088	1		06/13/24 13:42	75-35-4	
cis-1,2-Dichloroethene	ND	mg/kg	0.0058	0.00080	1		06/13/24 13:42	156-59-2	
trans-1,2-Dichloroethene	ND	mg/kg	0.0058	0.00077	1		06/13/24 13:42	156-60-5	
1,2-Dichloropropane	ND	mg/kg	0.0058	0.00082	1		06/13/24 13:42	78-87-5	
1,3-Dichloropropane	ND	mg/kg	0.0058	0.00081	1		06/13/24 13:42	142-28-9	
2,2-Dichloropropane	ND	mg/kg	0.0058	0.00074	1		06/13/24 13:42	594-20-7	
1,1-Dichloropropene	ND	mg/kg	0.0058	0.0017	1		06/13/24 13:42	563-58-6	
cis-1,3-Dichloropropene	ND	mg/kg	0.0058	0.00073	1		06/13/24 13:42	10061-01-5	
trans-1,3-Dichloropropene	ND	mg/kg	0.0058	0.0015	1		06/13/24 13:42	10061-02-6	
Ethylbenzene	ND	mg/kg	0.0058	0.00074	1		06/13/24 13:42	100-41-4	
Ethyl methacrylate	ND	mg/kg	0.12	0.00077	1		06/13/24 13:42	97-63-2	
Hexachloro-1,3-butadiene	ND	mg/kg	0.0058	0.00079	1		06/13/24 13:42	87-68-3	
n-Hexane	ND	mg/kg	0.0058	0.0041	1		06/13/24 13:42	110-54-3	
2-Hexanone	ND	mg/kg	0.12	0.011	1		06/13/24 13:42	591-78-6	
Iodomethane	ND	mg/kg	0.12	0.0033	1		06/13/24 13:42	74-88-4	
Isopropylbenzene (Cumene)	ND	mg/kg	0.0058	0.0019	1		06/13/24 13:42	98-82-8	
p-Isopropyltoluene	ND	mg/kg	0.0058	0.00072	1		06/13/24 13:42	99-87-6	
Methylene Chloride	ND	mg/kg	0.023	0.010	1		06/13/24 13:42	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	mg/kg	0.029	0.0043	1		06/13/24 13:42	108-10-1	
Methyl-tert-butyl ether	ND	mg/kg	0.0058	0.00068	1		06/13/24 13:42	1634-04-4	
Naphthalene	ND	mg/kg	0.0058	0.00087	1		06/13/24 13:42	91-20-3	
n-Propylbenzene	ND	mg/kg	0.0058	0.00070	1		06/13/24 13:42	103-65-1	
Styrene	ND	mg/kg	0.0058	0.0042	1		06/13/24 13:42	100-42-5	
1,1,1,2-Tetrachloroethane	ND	mg/kg	0.0058	0.00079	1		06/13/24 13:42	630-20-6	
1,1,1,2,2-Tetrachloroethane	ND	mg/kg	0.0058	0.00087	1		06/13/24 13:42	79-34-5	
Tetrachloroethene	ND	mg/kg	0.0058	0.00072	1		06/13/24 13:42	127-18-4	
Toluene	ND	mg/kg	0.0058	0.0014	1		06/13/24 13:42	108-88-3	
1,2,3-Trichlorobenzene	ND	mg/kg	0.0058	0.00084	1		06/13/24 13:42	87-61-6	
1,2,4-Trichlorobenzene	ND	mg/kg	0.0058	0.00084	1		06/13/24 13:42	120-82-1	

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### ANALYTICAL RESULTS

Project: Genesis Convention Center

Pace Project No.: 50375189

Sample: SB-3 (1-3) Lab ID: 50375189005 Collected: 06/04/24 10:55 Received: 06/06/24 13:02 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV 5035A VOA</b>									
Analytical Method: EPA 8260									
Pace Analytical Services - Indianapolis									
1,1,1-Trichloroethane	ND	mg/kg	0.0058	0.00085	1		06/13/24 13:42	71-55-6	
1,1,2-Trichloroethane	ND	mg/kg	0.0058	0.00086	1		06/13/24 13:42	79-00-5	
Trichloroethene	ND	mg/kg	0.0058	0.00081	1		06/13/24 13:42	79-01-6	
Trichlorofluoromethane	ND	mg/kg	0.0058	0.0033	1		06/13/24 13:42	75-69-4	
1,2,3-Trichloropropane	ND	mg/kg	0.0058	0.0016	1		06/13/24 13:42	96-18-4	
1,2,4-Trimethylbenzene	ND	mg/kg	0.0058	0.00076	1		06/13/24 13:42	95-63-6	
1,3,5-Trimethylbenzene	ND	mg/kg	0.0058	0.0038	1		06/13/24 13:42	108-67-8	
Vinyl acetate	ND	mg/kg	0.12	0.0022	1		06/13/24 13:42	108-05-4	
Vinyl chloride	ND	mg/kg	0.0058	0.00063	1		06/13/24 13:42	75-01-4	
Xylene (Total)	ND	mg/kg	0.012	0.0015	1		06/13/24 13:42	1330-20-7	
<b>Surrogates</b>									
Dibromofluoromethane (S)	105	%	75-135		1		06/13/24 13:42	1868-53-7	
Toluene-d8 (S)	97	%	65-148		1		06/13/24 13:42	2037-26-5	
4-Bromofluorobenzene (S)	94	%	63-132		1		06/13/24 13:42	460-00-4	

**Percent Moisture**

Analytical Method: SM 2540G

Pace Analytical Services - Indianapolis

Percent Moisture	2.9	%	0.10	0.10	1		06/18/24 13:26		N2
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## ANALYTICAL RESULTS

Project: Genesis Convention Center

Pace Project No.: 50375189

Sample: SB-3 (12-14) Lab ID: 50375189006 Collected: 06/04/24 11:06 Received: 06/06/24 13:02 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
<b>6010 MET ICP</b>									
Analytical Method: EPA 6010 Preparation Method: EPA 3050									
Pace Analytical Services - Indianapolis									
Lead	1.6	mg/kg	1.1	0.25	1	06/18/24 00:04	06/18/24 11:22	7439-92-1	
<b>8270 PAH Soil by SIM</b>									
Analytical Method: EPA 8270 by SIM Preparation Method: EPA 3546									
Pace Analytical Services - Indianapolis									
Acenaphthene	ND	mg/kg	0.0056	0.0022	1	06/14/24 22:02	06/17/24 18:30	83-32-9	
Acenaphthylene	ND	mg/kg	0.0056	0.0021	1	06/14/24 22:02	06/17/24 18:30	208-96-8	
Anthracene	ND	mg/kg	0.0056	0.0028	1	06/14/24 22:02	06/17/24 18:30	120-12-7	
Benzo(a)anthracene	ND	mg/kg	0.0056	0.0016	1	06/14/24 22:02	06/17/24 18:30	56-55-3	
Benzo(a)pyrene	ND	mg/kg	0.0056	0.0033	1	06/14/24 22:02	06/17/24 18:30	50-32-8	
Benzo(b)fluoranthene	ND	mg/kg	0.0056	0.0031	1	06/14/24 22:02	06/17/24 18:30	205-99-2	
Benzo(g,h,i)perylene	ND	mg/kg	0.0056	0.0033	1	06/14/24 22:02	06/17/24 18:30	191-24-2	
Benzo(k)fluoranthene	ND	mg/kg	0.0056	0.0026	1	06/14/24 22:02	06/17/24 18:30	207-08-9	
Chrysene	ND	mg/kg	0.0056	0.0038	1	06/14/24 22:02	06/17/24 18:30	218-01-9	
Dibenz(a,h)anthracene	ND	mg/kg	0.0056	0.0027	1	06/14/24 22:02	06/17/24 18:30	53-70-3	
Fluoranthene	ND	mg/kg	0.0056	0.0039	1	06/14/24 22:02	06/17/24 18:30	206-44-0	
Fluorene	ND	mg/kg	0.0056	0.0022	1	06/14/24 22:02	06/17/24 18:30	86-73-7	
Indeno(1,2,3-cd)pyrene	ND	mg/kg	0.0056	0.0028	1	06/14/24 22:02	06/17/24 18:30	193-39-5	
1-Methylnaphthalene	ND	mg/kg	0.0056	0.0022	1	06/14/24 22:02	06/17/24 18:30	90-12-0	
2-Methylnaphthalene	ND	mg/kg	0.0056	0.0053	1	06/14/24 22:02	06/17/24 18:30	91-57-6	
Naphthalene	ND	mg/kg	0.0056	0.0051	1	06/14/24 22:02	06/17/24 18:30	91-20-3	
Phenanthrene	ND	mg/kg	0.0056	0.0040	1	06/14/24 22:02	06/17/24 18:30	85-01-8	
Pyrene	ND	mg/kg	0.0056	0.0038	1	06/14/24 22:02	06/17/24 18:30	129-00-0	
<b>Surrogates</b>									
2-Fluorobiphenyl (S)	69	%	16-93		1	06/14/24 22:02	06/17/24 18:30	321-60-8	
p-Terphenyl-d14 (S)	79	%	19-115		1	06/14/24 22:02	06/17/24 18:30	1718-51-0	
<b>8260 MSV 5035A VOA</b>									
Analytical Method: EPA 8260									
Pace Analytical Services - Indianapolis									
Acetone	ND	mg/kg	0.13	0.025	1		06/13/24 14:12	67-64-1	
Acrolein	ND	mg/kg	0.13	0.024	1		06/13/24 14:12	107-02-8	
Acrylonitrile	ND	mg/kg	0.13	0.0047	1		06/13/24 14:12	107-13-1	
Benzene	ND	mg/kg	0.0063	0.00072	1		06/13/24 14:12	71-43-2	
Bromobenzene	ND	mg/kg	0.0063	0.00088	1		06/13/24 14:12	108-86-1	
Bromochloromethane	ND	mg/kg	0.0063	0.00099	1		06/13/24 14:12	74-97-5	
Bromodichloromethane	ND	mg/kg	0.0063	0.00079	1		06/13/24 14:12	75-27-4	
Bromoform	ND	mg/kg	0.0063	0.00083	1		06/13/24 14:12	75-25-2	
Bromomethane	ND	mg/kg	0.0063	0.00079	1		06/13/24 14:12	74-83-9	
2-Butanone (MEK)	ND	mg/kg	0.031	0.015	1		06/13/24 14:12	78-93-3	
n-Butylbenzene	ND	mg/kg	0.0063	0.00078	1		06/13/24 14:12	104-51-8	
sec-Butylbenzene	ND	mg/kg	0.0063	0.00078	1		06/13/24 14:12	135-98-8	
tert-Butylbenzene	ND	mg/kg	0.0063	0.00079	1		06/13/24 14:12	98-06-6	
Carbon disulfide	ND	mg/kg	0.013	0.00088	1		06/13/24 14:12	75-15-0	
Carbon tetrachloride	ND	mg/kg	0.0063	0.0032	1		06/13/24 14:12	56-23-5	
Chlorobenzene	ND	mg/kg	0.0063	0.00083	1		06/13/24 14:12	108-90-7	

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## ANALYTICAL RESULTS

Project: Genesis Convention Center

Pace Project No.: 50375189

Sample: SB-3 (12-14) Lab ID: 50375189006 Collected: 06/04/24 11:06 Received: 06/06/24 13:02 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV 5035A VOA</b>		Analytical Method: EPA 8260 Pace Analytical Services - Indianapolis							
Chloroethane	ND	mg/kg	0.0063	0.0012	1		06/13/24 14:12	75-00-3	
Chloroform	ND	mg/kg	0.0063	0.0029	1		06/13/24 14:12	67-66-3	
Chloromethane	ND	mg/kg	0.0063	0.00073	1		06/13/24 14:12	74-87-3	
2-Chlorotoluene	ND	mg/kg	0.0063	0.00086	1		06/13/24 14:12	95-49-8	
4-Chlorotoluene	ND	mg/kg	0.0063	0.00084	1		06/13/24 14:12	106-43-4	
Dibromochloromethane	ND	mg/kg	0.0063	0.00087	1		06/13/24 14:12	124-48-1	
1,2-Dibromoethane (EDB)	ND	mg/kg	0.0063	0.00086	1		06/13/24 14:12	106-93-4	
Dibromomethane	ND	mg/kg	0.0063	0.0016	1		06/13/24 14:12	74-95-3	
1,2-Dichlorobenzene	ND	mg/kg	0.0063	0.00085	1		06/13/24 14:12	95-50-1	
1,3-Dichlorobenzene	ND	mg/kg	0.0063	0.00085	1		06/13/24 14:12	541-73-1	
1,4-Dichlorobenzene	ND	mg/kg	0.0063	0.00081	1		06/13/24 14:12	106-46-7	
trans-1,4-Dichloro-2-butene	ND	mg/kg	0.13	0.0016	1		06/13/24 14:12	110-57-6	
Dichlorodifluoromethane	ND	mg/kg	0.0063	0.0033	1		06/13/24 14:12	75-71-8	
1,1-Dichloroethane	ND	mg/kg	0.0063	0.00076	1		06/13/24 14:12	75-34-3	
1,2-Dichloroethane	ND	mg/kg	0.0063	0.0013	1		06/13/24 14:12	107-06-2	
1,1-Dichloroethene	ND	mg/kg	0.0063	0.00096	1		06/13/24 14:12	75-35-4	
cis-1,2-Dichloroethene	ND	mg/kg	0.0063	0.00086	1		06/13/24 14:12	156-59-2	
trans-1,2-Dichloroethene	ND	mg/kg	0.0063	0.00084	1		06/13/24 14:12	156-60-5	
1,2-Dichloropropane	ND	mg/kg	0.0063	0.00089	1		06/13/24 14:12	78-87-5	
1,3-Dichloropropane	ND	mg/kg	0.0063	0.00088	1		06/13/24 14:12	142-28-9	
2,2-Dichloropropane	ND	mg/kg	0.0063	0.00081	1		06/13/24 14:12	594-20-7	
1,1-Dichloropropene	ND	mg/kg	0.0063	0.0019	1		06/13/24 14:12	563-58-6	
cis-1,3-Dichloropropene	ND	mg/kg	0.0063	0.00079	1		06/13/24 14:12	10061-01-5	
trans-1,3-Dichloropropene	ND	mg/kg	0.0063	0.0016	1		06/13/24 14:12	10061-02-6	
Ethylbenzene	ND	mg/kg	0.0063	0.00080	1		06/13/24 14:12	100-41-4	
Ethyl methacrylate	ND	mg/kg	0.13	0.00083	1		06/13/24 14:12	97-63-2	
Hexachloro-1,3-butadiene	ND	mg/kg	0.0063	0.00085	1		06/13/24 14:12	87-68-3	
n-Hexane	ND	mg/kg	0.0063	0.0045	1		06/13/24 14:12	110-54-3	
2-Hexanone	ND	mg/kg	0.13	0.012	1		06/13/24 14:12	591-78-6	
Iodomethane	ND	mg/kg	0.13	0.0036	1		06/13/24 14:12	74-88-4	
Isopropylbenzene (Cumene)	ND	mg/kg	0.0063	0.0020	1		06/13/24 14:12	98-82-8	
p-Isopropyltoluene	ND	mg/kg	0.0063	0.00078	1		06/13/24 14:12	99-87-6	
Methylene Chloride	ND	mg/kg	0.025	0.011	1		06/13/24 14:12	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	mg/kg	0.031	0.0047	1		06/13/24 14:12	108-10-1	
Methyl-tert-butyl ether	ND	mg/kg	0.0063	0.00074	1		06/13/24 14:12	1634-04-4	
Naphthalene	ND	mg/kg	0.0063	0.00095	1		06/13/24 14:12	91-20-3	
n-Propylbenzene	ND	mg/kg	0.0063	0.00076	1		06/13/24 14:12	103-65-1	
Styrene	ND	mg/kg	0.0063	0.0045	1		06/13/24 14:12	100-42-5	
1,1,1,2-Tetrachloroethane	ND	mg/kg	0.0063	0.00086	1		06/13/24 14:12	630-20-6	
1,1,1,2,2-Tetrachloroethane	ND	mg/kg	0.0063	0.00094	1		06/13/24 14:12	79-34-5	
Tetrachloroethene	ND	mg/kg	0.0063	0.00078	1		06/13/24 14:12	127-18-4	
Toluene	ND	mg/kg	0.0063	0.0015	1		06/13/24 14:12	108-88-3	
1,2,3-Trichlorobenzene	ND	mg/kg	0.0063	0.00091	1		06/13/24 14:12	87-61-6	
1,2,4-Trichlorobenzene	ND	mg/kg	0.0063	0.00091	1		06/13/24 14:12	120-82-1	

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### ANALYTICAL RESULTS

Project: Genesis Convention Center

Pace Project No.: 50375189

**Sample: SB-3 (12-14)**      **Lab ID: 50375189006**      Collected: 06/04/24 11:06      Received: 06/06/24 13:02      Matrix: Solid

*Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.*

Parameters	Results	Units	Report		DF	Prepared	Analyzed	CAS No.	Qual
			Limit	MDL					
<b>8260 MSV 5035A VOA</b>									
Analytical Method: EPA 8260									
Pace Analytical Services - Indianapolis									
1,1,1-Trichloroethane	ND	mg/kg	0.0063	0.00092	1		06/13/24 14:12	71-55-6	
1,1,2-Trichloroethane	ND	mg/kg	0.0063	0.00093	1		06/13/24 14:12	79-00-5	
Trichloroethene	ND	mg/kg	0.0063	0.00088	1		06/13/24 14:12	79-01-6	
Trichlorofluoromethane	ND	mg/kg	0.0063	0.0035	1		06/13/24 14:12	75-69-4	
1,2,3-Trichloropropane	ND	mg/kg	0.0063	0.0017	1		06/13/24 14:12	96-18-4	
1,2,4-Trimethylbenzene	ND	mg/kg	0.0063	0.00083	1		06/13/24 14:12	95-63-6	
1,3,5-Trimethylbenzene	ND	mg/kg	0.0063	0.0041	1		06/13/24 14:12	108-67-8	
Vinyl acetate	ND	mg/kg	0.13	0.0024	1		06/13/24 14:12	108-05-4	
Vinyl chloride	ND	mg/kg	0.0063	0.00069	1		06/13/24 14:12	75-01-4	
Xylene (Total)	ND	mg/kg	0.013	0.0016	1		06/13/24 14:12	1330-20-7	
<b>Surrogates</b>									
Dibromofluoromethane (S)	105	%	75-135		1		06/13/24 14:12	1868-53-7	
Toluene-d8 (S)	98	%	65-148		1		06/13/24 14:12	2037-26-5	
4-Bromofluorobenzene (S)	96	%	63-132		1		06/13/24 14:12	460-00-4	

**Percent Moisture**

Analytical Method: SM 2540G

Pace Analytical Services - Indianapolis

Percent Moisture	<b>11.7</b>	%	0.10	0.10	1		06/18/24 13:26		N2
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## ANALYTICAL RESULTS

Project: Genesis Convention Center

Pace Project No.: 50375189

Sample: SB-4 (1-3) Lab ID: 50375189007 Collected: 06/04/24 12:38 Received: 06/06/24 13:02 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
<b>6010 MET ICP</b>									
Analytical Method: EPA 6010 Preparation Method: EPA 3050									
Pace Analytical Services - Indianapolis									
Lead	11.9	mg/kg	0.97	0.23	1	06/18/24 00:04	06/18/24 11:24	7439-92-1	
<b>8270 PAH Soil by SIM</b>									
Analytical Method: EPA 8270 by SIM Preparation Method: EPA 3546									
Pace Analytical Services - Indianapolis									
Acenaphthene	ND	mg/kg	0.0050	0.0020	1	06/14/24 22:02	06/17/24 18:43	83-32-9	
Acenaphthylene	ND	mg/kg	0.0050	0.0019	1	06/14/24 22:02	06/17/24 18:43	208-96-8	
Anthracene	0.013	mg/kg	0.0050	0.0025	1	06/14/24 22:02	06/17/24 18:43	120-12-7	
Benzo(a)anthracene	0.060	mg/kg	0.0050	0.0014	1	06/14/24 22:02	06/17/24 18:43	56-55-3	
Benzo(a)pyrene	0.064	mg/kg	0.0050	0.0030	1	06/14/24 22:02	06/17/24 18:43	50-32-8	
Benzo(b)fluoranthene	0.090	mg/kg	0.0050	0.0028	1	06/14/24 22:02	06/17/24 18:43	205-99-2	
Benzo(g,h,i)perylene	0.043	mg/kg	0.0050	0.0030	1	06/14/24 22:02	06/17/24 18:43	191-24-2	
Benzo(k)fluoranthene	0.029	mg/kg	0.0050	0.0023	1	06/14/24 22:02	06/17/24 18:43	207-08-9	
Chrysene	0.067	mg/kg	0.0050	0.0034	1	06/14/24 22:02	06/17/24 18:43	218-01-9	
Dibenz(a,h)anthracene	0.012	mg/kg	0.0050	0.0025	1	06/14/24 22:02	06/17/24 18:43	53-70-3	
Fluoranthene	0.11	mg/kg	0.0050	0.0035	1	06/14/24 22:02	06/17/24 18:43	206-44-0	
Fluorene	ND	mg/kg	0.0050	0.0020	1	06/14/24 22:02	06/17/24 18:43	86-73-7	
Indeno(1,2,3-cd)pyrene	0.038	mg/kg	0.0050	0.0026	1	06/14/24 22:02	06/17/24 18:43	193-39-5	
1-Methylnaphthalene	ND	mg/kg	0.0050	0.0020	1	06/14/24 22:02	06/17/24 18:43	90-12-0	
2-Methylnaphthalene	ND	mg/kg	0.0050	0.0047	1	06/14/24 22:02	06/17/24 18:43	91-57-6	
Naphthalene	ND	mg/kg	0.0050	0.0046	1	06/14/24 22:02	06/17/24 18:43	91-20-3	
Phenanthrene	0.058	mg/kg	0.0050	0.0036	1	06/14/24 22:02	06/17/24 18:43	85-01-8	
Pyrene	0.11	mg/kg	0.0050	0.0034	1	06/14/24 22:02	06/17/24 18:43	129-00-0	
<b>Surrogates</b>									
2-Fluorobiphenyl (S)	71	%	16-93		1	06/14/24 22:02	06/17/24 18:43	321-60-8	
p-Terphenyl-d14 (S)	84	%	19-115		1	06/14/24 22:02	06/17/24 18:43	1718-51-0	
<b>8260 MSV 5035A VOA</b>									
Analytical Method: EPA 8260									
Pace Analytical Services - Indianapolis									
Acetone	ND	mg/kg	0.10	0.021	1		06/13/24 14:41	67-64-1	
Acrolein	ND	mg/kg	0.10	0.020	1		06/13/24 14:41	107-02-8	
Acrylonitrile	ND	mg/kg	0.10	0.0039	1		06/13/24 14:41	107-13-1	
Benzene	ND	mg/kg	0.0052	0.00059	1		06/13/24 14:41	71-43-2	
Bromobenzene	ND	mg/kg	0.0052	0.00072	1		06/13/24 14:41	108-86-1	
Bromochloromethane	ND	mg/kg	0.0052	0.00082	1		06/13/24 14:41	74-97-5	
Bromodichloromethane	ND	mg/kg	0.0052	0.00065	1		06/13/24 14:41	75-27-4	
Bromoform	ND	mg/kg	0.0052	0.00069	1		06/13/24 14:41	75-25-2	
Bromomethane	ND	mg/kg	0.0052	0.00065	1		06/13/24 14:41	74-83-9	
2-Butanone (MEK)	ND	mg/kg	0.026	0.013	1		06/13/24 14:41	78-93-3	
n-Butylbenzene	ND	mg/kg	0.0052	0.00064	1		06/13/24 14:41	104-51-8	
sec-Butylbenzene	ND	mg/kg	0.0052	0.00065	1		06/13/24 14:41	135-98-8	
tert-Butylbenzene	ND	mg/kg	0.0052	0.00065	1		06/13/24 14:41	98-06-6	
Carbon disulfide	ND	mg/kg	0.010	0.00072	1		06/13/24 14:41	75-15-0	
Carbon tetrachloride	ND	mg/kg	0.0052	0.0026	1		06/13/24 14:41	56-23-5	
Chlorobenzene	ND	mg/kg	0.0052	0.00069	1		06/13/24 14:41	108-90-7	

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## ANALYTICAL RESULTS

Project: Genesis Convention Center

Pace Project No.: 50375189

Sample: SB-4 (1-3) Lab ID: 50375189007 Collected: 06/04/24 12:38 Received: 06/06/24 13:02 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV 5035A VOA</b>		Analytical Method: EPA 8260							
		Pace Analytical Services - Indianapolis							
Chloroethane	ND	mg/kg	0.0052	0.00099	1		06/13/24 14:41	75-00-3	
Chloroform	ND	mg/kg	0.0052	0.0024	1		06/13/24 14:41	67-66-3	
Chloromethane	ND	mg/kg	0.0052	0.00060	1		06/13/24 14:41	74-87-3	
2-Chlorotoluene	ND	mg/kg	0.0052	0.00071	1		06/13/24 14:41	95-49-8	
4-Chlorotoluene	ND	mg/kg	0.0052	0.00069	1		06/13/24 14:41	106-43-4	
Dibromochloromethane	ND	mg/kg	0.0052	0.00071	1		06/13/24 14:41	124-48-1	
1,2-Dibromoethane (EDB)	ND	mg/kg	0.0052	0.00071	1		06/13/24 14:41	106-93-4	
Dibromomethane	ND	mg/kg	0.0052	0.0013	1		06/13/24 14:41	74-95-3	
1,2-Dichlorobenzene	ND	mg/kg	0.0052	0.00070	1		06/13/24 14:41	95-50-1	
1,3-Dichlorobenzene	ND	mg/kg	0.0052	0.00070	1		06/13/24 14:41	541-73-1	
1,4-Dichlorobenzene	ND	mg/kg	0.0052	0.00067	1		06/13/24 14:41	106-46-7	
trans-1,4-Dichloro-2-butene	ND	mg/kg	0.10	0.0013	1		06/13/24 14:41	110-57-6	
Dichlorodifluoromethane	ND	mg/kg	0.0052	0.0027	1		06/13/24 14:41	75-71-8	
1,1-Dichloroethane	ND	mg/kg	0.0052	0.00063	1		06/13/24 14:41	75-34-3	
1,2-Dichloroethane	ND	mg/kg	0.0052	0.0011	1		06/13/24 14:41	107-06-2	
1,1-Dichloroethene	ND	mg/kg	0.0052	0.00079	1		06/13/24 14:41	75-35-4	
cis-1,2-Dichloroethene	ND	mg/kg	0.0052	0.00071	1		06/13/24 14:41	156-59-2	
trans-1,2-Dichloroethene	ND	mg/kg	0.0052	0.00069	1		06/13/24 14:41	156-60-5	
1,2-Dichloropropane	ND	mg/kg	0.0052	0.00073	1		06/13/24 14:41	78-87-5	
1,3-Dichloropropane	ND	mg/kg	0.0052	0.00072	1		06/13/24 14:41	142-28-9	
2,2-Dichloropropane	ND	mg/kg	0.0052	0.00066	1		06/13/24 14:41	594-20-7	
1,1-Dichloropropene	ND	mg/kg	0.0052	0.0016	1		06/13/24 14:41	563-58-6	
cis-1,3-Dichloropropene	ND	mg/kg	0.0052	0.00065	1		06/13/24 14:41	10061-01-5	
trans-1,3-Dichloropropene	ND	mg/kg	0.0052	0.0013	1		06/13/24 14:41	10061-02-6	
Ethylbenzene	ND	mg/kg	0.0052	0.00066	1		06/13/24 14:41	100-41-4	
Ethyl methacrylate	ND	mg/kg	0.10	0.00069	1		06/13/24 14:41	97-63-2	
Hexachloro-1,3-butadiene	ND	mg/kg	0.0052	0.00070	1		06/13/24 14:41	87-68-3	
n-Hexane	ND	mg/kg	0.0052	0.0037	1		06/13/24 14:41	110-54-3	
2-Hexanone	ND	mg/kg	0.10	0.0097	1		06/13/24 14:41	591-78-6	
Iodomethane	ND	mg/kg	0.10	0.0029	1		06/13/24 14:41	74-88-4	
Isopropylbenzene (Cumene)	ND	mg/kg	0.0052	0.0017	1		06/13/24 14:41	98-82-8	
p-Isopropyltoluene	ND	mg/kg	0.0052	0.00064	1		06/13/24 14:41	99-87-6	
Methylene Chloride	ND	mg/kg	0.021	0.0092	1		06/13/24 14:41	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	mg/kg	0.026	0.0039	1		06/13/24 14:41	108-10-1	
Methyl-tert-butyl ether	ND	mg/kg	0.0052	0.00061	1		06/13/24 14:41	1634-04-4	
Naphthalene	ND	mg/kg	0.0052	0.00078	1		06/13/24 14:41	91-20-3	
n-Propylbenzene	ND	mg/kg	0.0052	0.00063	1		06/13/24 14:41	103-65-1	
Styrene	ND	mg/kg	0.0052	0.0037	1		06/13/24 14:41	100-42-5	
1,1,1,2-Tetrachloroethane	ND	mg/kg	0.0052	0.00071	1		06/13/24 14:41	630-20-6	
1,1,2,2-Tetrachloroethane	ND	mg/kg	0.0052	0.00078	1		06/13/24 14:41	79-34-5	
Tetrachloroethene	ND	mg/kg	0.0052	0.00065	1		06/13/24 14:41	127-18-4	
Toluene	ND	mg/kg	0.0052	0.0012	1		06/13/24 14:41	108-88-3	
1,2,3-Trichlorobenzene	ND	mg/kg	0.0052	0.00075	1		06/13/24 14:41	87-61-6	
1,2,4-Trichlorobenzene	ND	mg/kg	0.0052	0.00075	1		06/13/24 14:41	120-82-1	

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### ANALYTICAL RESULTS

Project: Genesis Convention Center

Pace Project No.: 50375189

Sample: SB-4 (1-3) Lab ID: 50375189007 Collected: 06/04/24 12:38 Received: 06/06/24 13:02 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV 5035A VOA</b>									
Analytical Method: EPA 8260									
Pace Analytical Services - Indianapolis									
1,1,1-Trichloroethane	ND	mg/kg	0.0052	0.00076	1		06/13/24 14:41	71-55-6	
1,1,2-Trichloroethane	ND	mg/kg	0.0052	0.00076	1		06/13/24 14:41	79-00-5	
Trichloroethene	ND	mg/kg	0.0052	0.00072	1		06/13/24 14:41	79-01-6	
Trichlorofluoromethane	ND	mg/kg	0.0052	0.0029	1		06/13/24 14:41	75-69-4	
1,2,3-Trichloropropane	ND	mg/kg	0.0052	0.0014	1		06/13/24 14:41	96-18-4	
1,2,4-Trimethylbenzene	ND	mg/kg	0.0052	0.00068	1		06/13/24 14:41	95-63-6	
1,3,5-Trimethylbenzene	ND	mg/kg	0.0052	0.0034	1		06/13/24 14:41	108-67-8	
Vinyl acetate	ND	mg/kg	0.10	0.0020	1		06/13/24 14:41	108-05-4	
Vinyl chloride	ND	mg/kg	0.0052	0.00057	1		06/13/24 14:41	75-01-4	
Xylene (Total)	ND	mg/kg	0.010	0.0013	1		06/13/24 14:41	1330-20-7	
<b>Surrogates</b>									
Dibromofluoromethane (S)	109	%	75-135		1		06/13/24 14:41	1868-53-7	
Toluene-d8 (S)	98	%	65-148		1		06/13/24 14:41	2037-26-5	
4-Bromofluorobenzene (S)	94	%	63-132		1		06/13/24 14:41	460-00-4	
<b>Percent Moisture</b>									
Analytical Method: SM 2540G									
Pace Analytical Services - Indianapolis									
Percent Moisture	3.6	%	0.10	0.10	1		06/18/24 13:26		N2

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## ANALYTICAL RESULTS

Project: Genesis Convention Center

Pace Project No.: 50375189

Sample: SB-4 (12-14) Lab ID: 50375189008 Collected: 06/04/24 12:45 Received: 06/06/24 13:02 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
<b>6010 MET ICP</b>									
Analytical Method: EPA 6010 Preparation Method: EPA 3050									
Pace Analytical Services - Indianapolis									
Lead	1.4	mg/kg	0.94	0.22	1	06/18/24 00:04	06/18/24 11:26	7439-92-1	
<b>8270 PAH Soil by SIM</b>									
Analytical Method: EPA 8270 by SIM Preparation Method: EPA 3546									
Pace Analytical Services - Indianapolis									
Acenaphthene	ND	mg/kg	0.0051	0.0020	1	06/14/24 22:02	06/17/24 18:57	83-32-9	
Acenaphthylene	ND	mg/kg	0.0051	0.0019	1	06/14/24 22:02	06/17/24 18:57	208-96-8	
Anthracene	ND	mg/kg	0.0051	0.0025	1	06/14/24 22:02	06/17/24 18:57	120-12-7	
Benzo(a)anthracene	ND	mg/kg	0.0051	0.0014	1	06/14/24 22:02	06/17/24 18:57	56-55-3	
Benzo(a)pyrene	ND	mg/kg	0.0051	0.0030	1	06/14/24 22:02	06/17/24 18:57	50-32-8	
Benzo(b)fluoranthene	ND	mg/kg	0.0051	0.0028	1	06/14/24 22:02	06/17/24 18:57	205-99-2	
Benzo(g,h,i)perylene	ND	mg/kg	0.0051	0.0030	1	06/14/24 22:02	06/17/24 18:57	191-24-2	
Benzo(k)fluoranthene	ND	mg/kg	0.0051	0.0024	1	06/14/24 22:02	06/17/24 18:57	207-08-9	
Chrysene	ND	mg/kg	0.0051	0.0035	1	06/14/24 22:02	06/17/24 18:57	218-01-9	
Dibenz(a,h)anthracene	ND	mg/kg	0.0051	0.0025	1	06/14/24 22:02	06/17/24 18:57	53-70-3	
Fluoranthene	ND	mg/kg	0.0051	0.0035	1	06/14/24 22:02	06/17/24 18:57	206-44-0	
Fluorene	ND	mg/kg	0.0051	0.0020	1	06/14/24 22:02	06/17/24 18:57	86-73-7	
Indeno(1,2,3-cd)pyrene	ND	mg/kg	0.0051	0.0026	1	06/14/24 22:02	06/17/24 18:57	193-39-5	
1-Methylnaphthalene	ND	mg/kg	0.0051	0.0020	1	06/14/24 22:02	06/17/24 18:57	90-12-0	
2-Methylnaphthalene	ND	mg/kg	0.0051	0.0048	1	06/14/24 22:02	06/17/24 18:57	91-57-6	
Naphthalene	ND	mg/kg	0.0051	0.0047	1	06/14/24 22:02	06/17/24 18:57	91-20-3	
Phenanthrene	ND	mg/kg	0.0051	0.0037	1	06/14/24 22:02	06/17/24 18:57	85-01-8	
Pyrene	ND	mg/kg	0.0051	0.0035	1	06/14/24 22:02	06/17/24 18:57	129-00-0	
<b>Surrogates</b>									
2-Fluorobiphenyl (S)	68	%	16-93		1	06/14/24 22:02	06/17/24 18:57	321-60-8	
p-Terphenyl-d14 (S)	80	%	19-115		1	06/14/24 22:02	06/17/24 18:57	1718-51-0	
<b>8260 MSV 5035A VOA</b>									
Analytical Method: EPA 8260									
Pace Analytical Services - Indianapolis									
Acetone	ND	mg/kg	0.11	0.022	1		06/13/24 15:11	67-64-1	
Acrolein	ND	mg/kg	0.11	0.021	1		06/13/24 15:11	107-02-8	
Acrylonitrile	ND	mg/kg	0.11	0.0041	1		06/13/24 15:11	107-13-1	
Benzene	ND	mg/kg	0.0055	0.00063	1		06/13/24 15:11	71-43-2	
Bromobenzene	ND	mg/kg	0.0055	0.00077	1		06/13/24 15:11	108-86-1	
Bromochloromethane	ND	mg/kg	0.0055	0.00087	1		06/13/24 15:11	74-97-5	
Bromodichloromethane	ND	mg/kg	0.0055	0.00069	1		06/13/24 15:11	75-27-4	
Bromoform	ND	mg/kg	0.0055	0.00073	1		06/13/24 15:11	75-25-2	
Bromomethane	ND	mg/kg	0.0055	0.00070	1		06/13/24 15:11	74-83-9	
2-Butanone (MEK)	ND	mg/kg	0.028	0.014	1		06/13/24 15:11	78-93-3	
n-Butylbenzene	ND	mg/kg	0.0055	0.00069	1		06/13/24 15:11	104-51-8	
sec-Butylbenzene	ND	mg/kg	0.0055	0.00069	1		06/13/24 15:11	135-98-8	
tert-Butylbenzene	ND	mg/kg	0.0055	0.00069	1		06/13/24 15:11	98-06-6	
Carbon disulfide	ND	mg/kg	0.011	0.00077	1		06/13/24 15:11	75-15-0	
Carbon tetrachloride	ND	mg/kg	0.0055	0.0028	1		06/13/24 15:11	56-23-5	
Chlorobenzene	ND	mg/kg	0.0055	0.00073	1		06/13/24 15:11	108-90-7	

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## ANALYTICAL RESULTS

Project: Genesis Convention Center

Pace Project No.: 50375189

Sample: SB-4 (12-14) Lab ID: 50375189008 Collected: 06/04/24 12:45 Received: 06/06/24 13:02 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV 5035A VOA</b>		Analytical Method: EPA 8260 Pace Analytical Services - Indianapolis							
Chloroethane	ND	mg/kg	0.0055	0.0011	1		06/13/24 15:11	75-00-3	
Chloroform	ND	mg/kg	0.0055	0.0026	1		06/13/24 15:11	67-66-3	
Chloromethane	ND	mg/kg	0.0055	0.00064	1		06/13/24 15:11	74-87-3	
2-Chlorotoluene	ND	mg/kg	0.0055	0.00075	1		06/13/24 15:11	95-49-8	
4-Chlorotoluene	ND	mg/kg	0.0055	0.00074	1		06/13/24 15:11	106-43-4	
Dibromochloromethane	ND	mg/kg	0.0055	0.00076	1		06/13/24 15:11	124-48-1	
1,2-Dibromoethane (EDB)	ND	mg/kg	0.0055	0.00076	1		06/13/24 15:11	106-93-4	
Dibromomethane	ND	mg/kg	0.0055	0.0014	1		06/13/24 15:11	74-95-3	
1,2-Dichlorobenzene	ND	mg/kg	0.0055	0.00075	1		06/13/24 15:11	95-50-1	
1,3-Dichlorobenzene	ND	mg/kg	0.0055	0.00074	1		06/13/24 15:11	541-73-1	
1,4-Dichlorobenzene	ND	mg/kg	0.0055	0.00072	1		06/13/24 15:11	106-46-7	
trans-1,4-Dichloro-2-butene	ND	mg/kg	0.11	0.0014	1		06/13/24 15:11	110-57-6	
Dichlorodifluoromethane	ND	mg/kg	0.0055	0.0029	1		06/13/24 15:11	75-71-8	
1,1-Dichloroethane	ND	mg/kg	0.0055	0.00067	1		06/13/24 15:11	75-34-3	
1,2-Dichloroethane	ND	mg/kg	0.0055	0.0011	1		06/13/24 15:11	107-06-2	
1,1-Dichloroethene	ND	mg/kg	0.0055	0.00084	1		06/13/24 15:11	75-35-4	
cis-1,2-Dichloroethene	ND	mg/kg	0.0055	0.00076	1		06/13/24 15:11	156-59-2	
trans-1,2-Dichloroethene	ND	mg/kg	0.0055	0.00073	1		06/13/24 15:11	156-60-5	
1,2-Dichloropropane	ND	mg/kg	0.0055	0.00078	1		06/13/24 15:11	78-87-5	
1,3-Dichloropropane	ND	mg/kg	0.0055	0.00077	1		06/13/24 15:11	142-28-9	
2,2-Dichloropropane	ND	mg/kg	0.0055	0.00071	1		06/13/24 15:11	594-20-7	
1,1-Dichloropropene	ND	mg/kg	0.0055	0.0017	1		06/13/24 15:11	563-58-6	
cis-1,3-Dichloropropene	ND	mg/kg	0.0055	0.00069	1		06/13/24 15:11	10061-01-5	
trans-1,3-Dichloropropene	ND	mg/kg	0.0055	0.0014	1		06/13/24 15:11	10061-02-6	
Ethylbenzene	ND	mg/kg	0.0055	0.00070	1		06/13/24 15:11	100-41-4	
Ethyl methacrylate	ND	mg/kg	0.11	0.00073	1		06/13/24 15:11	97-63-2	
Hexachloro-1,3-butadiene	ND	mg/kg	0.0055	0.00075	1		06/13/24 15:11	87-68-3	
n-Hexane	ND	mg/kg	0.0055	0.0039	1		06/13/24 15:11	110-54-3	
2-Hexanone	ND	mg/kg	0.11	0.010	1		06/13/24 15:11	591-78-6	
Iodomethane	ND	mg/kg	0.11	0.0031	1		06/13/24 15:11	74-88-4	
Isopropylbenzene (Cumene)	ND	mg/kg	0.0055	0.0018	1		06/13/24 15:11	98-82-8	
p-Isopropyltoluene	ND	mg/kg	0.0055	0.00069	1		06/13/24 15:11	99-87-6	
Methylene Chloride	ND	mg/kg	0.022	0.0098	1		06/13/24 15:11	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	mg/kg	0.028	0.0041	1		06/13/24 15:11	108-10-1	
Methyl-tert-butyl ether	ND	mg/kg	0.0055	0.00065	1		06/13/24 15:11	1634-04-4	
Naphthalene	ND	mg/kg	0.0055	0.00083	1		06/13/24 15:11	91-20-3	
n-Propylbenzene	ND	mg/kg	0.0055	0.00067	1		06/13/24 15:11	103-65-1	
Styrene	ND	mg/kg	0.0055	0.0040	1		06/13/24 15:11	100-42-5	
1,1,1,2-Tetrachloroethane	ND	mg/kg	0.0055	0.00075	1		06/13/24 15:11	630-20-6	
1,1,1,2,2-Tetrachloroethane	ND	mg/kg	0.0055	0.00083	1		06/13/24 15:11	79-34-5	
Tetrachloroethene	ND	mg/kg	0.0055	0.00069	1		06/13/24 15:11	127-18-4	
Toluene	ND	mg/kg	0.0055	0.0013	1		06/13/24 15:11	108-88-3	
1,2,3-Trichlorobenzene	ND	mg/kg	0.0055	0.00080	1		06/13/24 15:11	87-61-6	
1,2,4-Trichlorobenzene	ND	mg/kg	0.0055	0.00080	1		06/13/24 15:11	120-82-1	

## REPORT OF LABORATORY ANALYSIS

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### ANALYTICAL RESULTS

Project: Genesis Convention Center

Pace Project No.: 50375189

Sample: SB-4 (12-14) Lab ID: 50375189008 Collected: 06/04/24 12:45 Received: 06/06/24 13:02 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report		DF	Prepared	Analyzed	CAS No.	Qual
			Limit	MDL					
<b>8260 MSV 5035A VOA</b>									
Analytical Method: EPA 8260									
Pace Analytical Services - Indianapolis									
1,1,1-Trichloroethane	ND	mg/kg	0.0055	0.00081	1		06/13/24 15:11	71-55-6	
1,1,2-Trichloroethane	ND	mg/kg	0.0055	0.00082	1		06/13/24 15:11	79-00-5	
Trichloroethene	ND	mg/kg	0.0055	0.00077	1		06/13/24 15:11	79-01-6	
Trichlorofluoromethane	ND	mg/kg	0.0055	0.0031	1		06/13/24 15:11	75-69-4	
1,2,3-Trichloropropane	ND	mg/kg	0.0055	0.0015	1		06/13/24 15:11	96-18-4	
1,2,4-Trimethylbenzene	ND	mg/kg	0.0055	0.00073	1		06/13/24 15:11	95-63-6	
1,3,5-Trimethylbenzene	ND	mg/kg	0.0055	0.0036	1		06/13/24 15:11	108-67-8	
Vinyl acetate	ND	mg/kg	0.11	0.0021	1		06/13/24 15:11	108-05-4	
Vinyl chloride	ND	mg/kg	0.0055	0.00060	1		06/13/24 15:11	75-01-4	
Xylene (Total)	ND	mg/kg	0.011	0.0014	1		06/13/24 15:11	1330-20-7	
<b>Surrogates</b>									
Dibromofluoromethane (S)	107	%	75-135		1		06/13/24 15:11	1868-53-7	
Toluene-d8 (S)	96	%	65-148		1		06/13/24 15:11	2037-26-5	
4-Bromofluorobenzene (S)	95	%	63-132		1		06/13/24 15:11	460-00-4	

**Percent Moisture**

Analytical Method: SM 2540G

Pace Analytical Services - Indianapolis

Percent Moisture	5.6	%	0.10	0.10	1		06/18/24 13:26		N2
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## ANALYTICAL RESULTS

Project: Genesis Convention Center

Pace Project No.: 50375189

Sample: SB-5 (1-3) Lab ID: 50375189009 Collected: 06/04/24 13:17 Received: 06/06/24 13:02 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
<b>6010 MET ICP</b>									
Analytical Method: EPA 6010 Preparation Method: EPA 3050									
Pace Analytical Services - Indianapolis									
Lead	2.3	mg/kg	0.93	0.22	1	06/18/24 00:04	06/18/24 11:27	7439-92-1	
<b>8270 PAH Soil by SIM</b>									
Analytical Method: EPA 8270 by SIM Preparation Method: EPA 3546									
Pace Analytical Services - Indianapolis									
Acenaphthene	ND	mg/kg	0.0050	0.0020	1	06/14/24 22:02	06/17/24 19:10	83-32-9	
Acenaphthylene	ND	mg/kg	0.0050	0.0019	1	06/14/24 22:02	06/17/24 19:10	208-96-8	
Anthracene	0.015	mg/kg	0.0050	0.0025	1	06/14/24 22:02	06/17/24 19:10	120-12-7	R1
Benzo(a)anthracene	0.12	mg/kg	0.0050	0.0014	1	06/14/24 22:02	06/17/24 19:10	56-55-3	M1,R1
Benzo(a)pyrene	0.14	mg/kg	0.0050	0.0030	1	06/14/24 22:02	06/17/24 19:10	50-32-8	M1,R1
Benzo(b)fluoranthene	0.18	mg/kg	0.0050	0.0027	1	06/14/24 22:02	06/17/24 19:10	205-99-2	M1,R1
Benzo(g,h,i)perylene	0.096	mg/kg	0.0050	0.0029	1	06/14/24 22:02	06/17/24 19:10	191-24-2	M1,R1
Benzo(k)fluoranthene	0.067	mg/kg	0.0050	0.0023	1	06/14/24 22:02	06/17/24 19:10	207-08-9	M1,R1
Chrysene	0.13	mg/kg	0.0050	0.0034	1	06/14/24 22:02	06/17/24 19:10	218-01-9	M1,R1
Dibenz(a,h)anthracene	0.027	mg/kg	0.0050	0.0024	1	06/14/24 22:02	06/17/24 19:10	53-70-3	R1
Fluoranthene	0.21	mg/kg	0.0050	0.0035	1	06/14/24 22:02	06/17/24 19:10	206-44-0	M1,R1
Fluorene	ND	mg/kg	0.0050	0.0020	1	06/14/24 22:02	06/17/24 19:10	86-73-7	
Indeno(1,2,3-cd)pyrene	0.081	mg/kg	0.0050	0.0025	1	06/14/24 22:02	06/17/24 19:10	193-39-5	M1,R1
1-Methylnaphthalene	ND	mg/kg	0.0050	0.0020	1	06/14/24 22:02	06/17/24 19:10	90-12-0	
2-Methylnaphthalene	ND	mg/kg	0.0050	0.0047	1	06/14/24 22:02	06/17/24 19:10	91-57-6	
Naphthalene	ND	mg/kg	0.0050	0.0046	1	06/14/24 22:02	06/17/24 19:10	91-20-3	
Phenanthrene	0.054	mg/kg	0.0050	0.0036	1	06/14/24 22:02	06/17/24 19:10	85-01-8	R1
Pyrene	0.23	mg/kg	0.0050	0.0034	1	06/14/24 22:02	06/17/24 19:10	129-00-0	M1,R1
<b>Surrogates</b>									
2-Fluorobiphenyl (S)	69	%	16-93		1	06/14/24 22:02	06/17/24 19:10	321-60-8	
p-Terphenyl-d14 (S)	80	%	19-115		1	06/14/24 22:02	06/17/24 19:10	1718-51-0	
<b>8260 MSV 5035A VOA</b>									
Analytical Method: EPA 8260									
Pace Analytical Services - Indianapolis									
Acetone	ND	mg/kg	0.12	0.023	1		06/13/24 15:41	67-64-1	
Acrolein	ND	mg/kg	0.12	0.022	1		06/13/24 15:41	107-02-8	
Acrylonitrile	ND	mg/kg	0.12	0.0043	1		06/13/24 15:41	107-13-1	
Benzene	ND	mg/kg	0.0058	0.00066	1		06/13/24 15:41	71-43-2	
Bromobenzene	ND	mg/kg	0.0058	0.00080	1		06/13/24 15:41	108-86-1	
Bromochloromethane	ND	mg/kg	0.0058	0.00091	1		06/13/24 15:41	74-97-5	
Bromodichloromethane	ND	mg/kg	0.0058	0.00072	1		06/13/24 15:41	75-27-4	
Bromoform	ND	mg/kg	0.0058	0.00077	1		06/13/24 15:41	75-25-2	
Bromomethane	ND	mg/kg	0.0058	0.00073	1		06/13/24 15:41	74-83-9	
2-Butanone (MEK)	ND	mg/kg	0.029	0.014	1		06/13/24 15:41	78-93-3	
n-Butylbenzene	ND	mg/kg	0.0058	0.00072	1		06/13/24 15:41	104-51-8	
sec-Butylbenzene	ND	mg/kg	0.0058	0.00072	1		06/13/24 15:41	135-98-8	
tert-Butylbenzene	ND	mg/kg	0.0058	0.00072	1		06/13/24 15:41	98-06-6	
Carbon disulfide	ND	mg/kg	0.012	0.00080	1		06/13/24 15:41	75-15-0	
Carbon tetrachloride	ND	mg/kg	0.0058	0.0029	1		06/13/24 15:41	56-23-5	
Chlorobenzene	ND	mg/kg	0.0058	0.00077	1		06/13/24 15:41	108-90-7	

## REPORT OF LABORATORY ANALYSIS

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## ANALYTICAL RESULTS

Project: Genesis Convention Center

Pace Project No.: 50375189

Sample: SB-5 (1-3) Lab ID: 50375189009 Collected: 06/04/24 13:17 Received: 06/06/24 13:02 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV 5035A VOA</b>		Analytical Method: EPA 8260 Pace Analytical Services - Indianapolis							
Chloroethane	ND	mg/kg	0.0058	0.0011	1		06/13/24 15:41	75-00-3	
Chloroform	ND	mg/kg	0.0058	0.0027	1		06/13/24 15:41	67-66-3	
Chloromethane	ND	mg/kg	0.0058	0.00067	1		06/13/24 15:41	74-87-3	
2-Chlorotoluene	ND	mg/kg	0.0058	0.00079	1		06/13/24 15:41	95-49-8	
4-Chlorotoluene	ND	mg/kg	0.0058	0.00077	1		06/13/24 15:41	106-43-4	
Dibromochloromethane	ND	mg/kg	0.0058	0.00080	1		06/13/24 15:41	124-48-1	
1,2-Dibromoethane (EDB)	ND	mg/kg	0.0058	0.00079	1		06/13/24 15:41	106-93-4	
Dibromomethane	ND	mg/kg	0.0058	0.0015	1		06/13/24 15:41	74-95-3	
1,2-Dichlorobenzene	ND	mg/kg	0.0058	0.00078	1		06/13/24 15:41	95-50-1	
1,3-Dichlorobenzene	ND	mg/kg	0.0058	0.00078	1		06/13/24 15:41	541-73-1	
1,4-Dichlorobenzene	ND	mg/kg	0.0058	0.00075	1		06/13/24 15:41	106-46-7	
trans-1,4-Dichloro-2-butene	ND	mg/kg	0.12	0.0015	1		06/13/24 15:41	110-57-6	
Dichlorodifluoromethane	ND	mg/kg	0.0058	0.0030	1		06/13/24 15:41	75-71-8	
1,1-Dichloroethane	ND	mg/kg	0.0058	0.00070	1		06/13/24 15:41	75-34-3	
1,2-Dichloroethane	ND	mg/kg	0.0058	0.0012	1		06/13/24 15:41	107-06-2	
1,1-Dichloroethene	ND	mg/kg	0.0058	0.00088	1		06/13/24 15:41	75-35-4	
cis-1,2-Dichloroethene	ND	mg/kg	0.0058	0.00079	1		06/13/24 15:41	156-59-2	
trans-1,2-Dichloroethene	ND	mg/kg	0.0058	0.00077	1		06/13/24 15:41	156-60-5	
1,2-Dichloropropane	ND	mg/kg	0.0058	0.00082	1		06/13/24 15:41	78-87-5	
1,3-Dichloropropane	ND	mg/kg	0.0058	0.00081	1		06/13/24 15:41	142-28-9	
2,2-Dichloropropane	ND	mg/kg	0.0058	0.00074	1		06/13/24 15:41	594-20-7	
1,1-Dichloropropene	ND	mg/kg	0.0058	0.0017	1		06/13/24 15:41	563-58-6	
cis-1,3-Dichloropropene	ND	mg/kg	0.0058	0.00073	1		06/13/24 15:41	10061-01-5	
trans-1,3-Dichloropropene	ND	mg/kg	0.0058	0.0015	1		06/13/24 15:41	10061-02-6	
Ethylbenzene	ND	mg/kg	0.0058	0.00074	1		06/13/24 15:41	100-41-4	
Ethyl methacrylate	ND	mg/kg	0.12	0.00077	1		06/13/24 15:41	97-63-2	
Hexachloro-1,3-butadiene	ND	mg/kg	0.0058	0.00079	1		06/13/24 15:41	87-68-3	
n-Hexane	ND	mg/kg	0.0058	0.0041	1		06/13/24 15:41	110-54-3	
2-Hexanone	ND	mg/kg	0.12	0.011	1		06/13/24 15:41	591-78-6	
Iodomethane	ND	mg/kg	0.12	0.0033	1		06/13/24 15:41	74-88-4	
Isopropylbenzene (Cumene)	ND	mg/kg	0.0058	0.0019	1		06/13/24 15:41	98-82-8	
p-Isopropyltoluene	ND	mg/kg	0.0058	0.00072	1		06/13/24 15:41	99-87-6	
Methylene Chloride	ND	mg/kg	0.023	0.010	1		06/13/24 15:41	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	mg/kg	0.029	0.0043	1		06/13/24 15:41	108-10-1	
Methyl-tert-butyl ether	ND	mg/kg	0.0058	0.00068	1		06/13/24 15:41	1634-04-4	
Naphthalene	ND	mg/kg	0.0058	0.00087	1		06/13/24 15:41	91-20-3	
n-Propylbenzene	ND	mg/kg	0.0058	0.00070	1		06/13/24 15:41	103-65-1	
Styrene	ND	mg/kg	0.0058	0.0042	1		06/13/24 15:41	100-42-5	
1,1,1,2-Tetrachloroethane	ND	mg/kg	0.0058	0.00079	1		06/13/24 15:41	630-20-6	
1,1,2,2-Tetrachloroethane	ND	mg/kg	0.0058	0.00087	1		06/13/24 15:41	79-34-5	
Tetrachloroethene	ND	mg/kg	0.0058	0.00072	1		06/13/24 15:41	127-18-4	
Toluene	ND	mg/kg	0.0058	0.0014	1		06/13/24 15:41	108-88-3	
1,2,3-Trichlorobenzene	ND	mg/kg	0.0058	0.00084	1		06/13/24 15:41	87-61-6	
1,2,4-Trichlorobenzene	ND	mg/kg	0.0058	0.00083	1		06/13/24 15:41	120-82-1	

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**ANALYTICAL RESULTS**

Project: Genesis Convention Center

Pace Project No.: 50375189

**Sample: SB-5 (1-3)**      **Lab ID: 50375189009**      Collected: 06/04/24 13:17      Received: 06/06/24 13:02      Matrix: Solid

*Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.*

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV 5035A VOA</b>									
Analytical Method: EPA 8260									
Pace Analytical Services - Indianapolis									
1,1,1-Trichloroethane	ND	mg/kg	0.0058	0.00085	1		06/13/24 15:41	71-55-6	
1,1,2-Trichloroethane	ND	mg/kg	0.0058	0.00085	1		06/13/24 15:41	79-00-5	
Trichloroethene	ND	mg/kg	0.0058	0.00080	1		06/13/24 15:41	79-01-6	
Trichlorofluoromethane	ND	mg/kg	0.0058	0.0032	1		06/13/24 15:41	75-69-4	
1,2,3-Trichloropropane	ND	mg/kg	0.0058	0.0016	1		06/13/24 15:41	96-18-4	
1,2,4-Trimethylbenzene	ND	mg/kg	0.0058	0.00076	1		06/13/24 15:41	95-63-6	
1,3,5-Trimethylbenzene	ND	mg/kg	0.0058	0.0038	1		06/13/24 15:41	108-67-8	
Vinyl acetate	ND	mg/kg	0.12	0.0022	1		06/13/24 15:41	108-05-4	
Vinyl chloride	ND	mg/kg	0.0058	0.00063	1		06/13/24 15:41	75-01-4	
Xylene (Total)	ND	mg/kg	0.012	0.0015	1		06/13/24 15:41	1330-20-7	
<b>Surrogates</b>									
Dibromofluoromethane (S)	108	%	75-135		1		06/13/24 15:41	1868-53-7	
Toluene-d8 (S)	95	%	65-148		1		06/13/24 15:41	2037-26-5	
4-Bromofluorobenzene (S)	93	%	63-132		1		06/13/24 15:41	460-00-4	

**Percent Moisture**

Analytical Method: SM 2540G

Pace Analytical Services - Indianapolis

Percent Moisture	<b>3.2</b>	%	0.10	0.10	1		06/18/24 13:26		N2
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## ANALYTICAL RESULTS

Project: Genesis Convention Center

Pace Project No.: 50375189

Sample: SB-5 (12-14) Lab ID: 50375189010 Collected: 06/04/24 13:26 Received: 06/06/24 13:02 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
<b>6010 MET ICP</b>									
Analytical Method: EPA 6010 Preparation Method: EPA 3050									
Pace Analytical Services - Indianapolis									
Lead	1.8	mg/kg	0.98	0.23	1	06/18/24 00:04	06/18/24 11:40	7439-92-1	
<b>8270 PAH Soil by SIM</b>									
Analytical Method: EPA 8270 by SIM Preparation Method: EPA 3546									
Pace Analytical Services - Indianapolis									
Acenaphthene	ND	mg/kg	0.0051	0.0021	1	06/14/24 22:02	06/17/24 19:50	83-32-9	
Acenaphthylene	ND	mg/kg	0.0051	0.0019	1	06/14/24 22:02	06/17/24 19:50	208-96-8	
Anthracene	ND	mg/kg	0.0051	0.0026	1	06/14/24 22:02	06/17/24 19:50	120-12-7	
Benzo(a)anthracene	ND	mg/kg	0.0051	0.0015	1	06/14/24 22:02	06/17/24 19:50	56-55-3	
Benzo(a)pyrene	ND	mg/kg	0.0051	0.0031	1	06/14/24 22:02	06/17/24 19:50	50-32-8	
Benzo(b)fluoranthene	ND	mg/kg	0.0051	0.0028	1	06/14/24 22:02	06/17/24 19:50	205-99-2	
Benzo(g,h,i)perylene	ND	mg/kg	0.0051	0.0031	1	06/14/24 22:02	06/17/24 19:50	191-24-2	
Benzo(k)fluoranthene	ND	mg/kg	0.0051	0.0024	1	06/14/24 22:02	06/17/24 19:50	207-08-9	
Chrysene	ND	mg/kg	0.0051	0.0035	1	06/14/24 22:02	06/17/24 19:50	218-01-9	
Dibenz(a,h)anthracene	ND	mg/kg	0.0051	0.0025	1	06/14/24 22:02	06/17/24 19:50	53-70-3	
Fluoranthene	ND	mg/kg	0.0051	0.0036	1	06/14/24 22:02	06/17/24 19:50	206-44-0	
Fluorene	ND	mg/kg	0.0051	0.0020	1	06/14/24 22:02	06/17/24 19:50	86-73-7	
Indeno(1,2,3-cd)pyrene	ND	mg/kg	0.0051	0.0026	1	06/14/24 22:02	06/17/24 19:50	193-39-5	
1-Methylnaphthalene	ND	mg/kg	0.0051	0.0021	1	06/14/24 22:02	06/17/24 19:50	90-12-0	
2-Methylnaphthalene	ND	mg/kg	0.0051	0.0048	1	06/14/24 22:02	06/17/24 19:50	91-57-6	
Naphthalene	ND	mg/kg	0.0051	0.0047	1	06/14/24 22:02	06/17/24 19:50	91-20-3	
Phenanthrene	ND	mg/kg	0.0051	0.0037	1	06/14/24 22:02	06/17/24 19:50	85-01-8	
Pyrene	ND	mg/kg	0.0051	0.0035	1	06/14/24 22:02	06/17/24 19:50	129-00-0	
<b>Surrogates</b>									
2-Fluorobiphenyl (S)	70	%	16-93		1	06/14/24 22:02	06/17/24 19:50	321-60-8	
p-Terphenyl-d14 (S)	85	%	19-115		1	06/14/24 22:02	06/17/24 19:50	1718-51-0	
<b>8260 MSV 5035A VOA</b>									
Analytical Method: EPA 8260									
Pace Analytical Services - Indianapolis									
Acetone	ND	mg/kg	0.11	0.023	1		06/13/24 17:09	67-64-1	
Acrolein	ND	mg/kg	0.11	0.021	1		06/13/24 17:09	107-02-8	
Acrylonitrile	ND	mg/kg	0.11	0.0042	1		06/13/24 17:09	107-13-1	
Benzene	ND	mg/kg	0.0056	0.00064	1		06/13/24 17:09	71-43-2	
Bromobenzene	ND	mg/kg	0.0056	0.00078	1		06/13/24 17:09	108-86-1	
Bromochloromethane	ND	mg/kg	0.0056	0.00088	1		06/13/24 17:09	74-97-5	
Bromodichloromethane	ND	mg/kg	0.0056	0.00070	1		06/13/24 17:09	75-27-4	
Bromoform	ND	mg/kg	0.0056	0.00074	1		06/13/24 17:09	75-25-2	
Bromomethane	ND	mg/kg	0.0056	0.00070	1		06/13/24 17:09	74-83-9	
2-Butanone (MEK)	ND	mg/kg	0.028	0.014	1		06/13/24 17:09	78-93-3	
n-Butylbenzene	ND	mg/kg	0.0056	0.00069	1		06/13/24 17:09	104-51-8	
sec-Butylbenzene	ND	mg/kg	0.0056	0.00069	1		06/13/24 17:09	135-98-8	
tert-Butylbenzene	ND	mg/kg	0.0056	0.00070	1		06/13/24 17:09	98-06-6	
Carbon disulfide	ND	mg/kg	0.011	0.00078	1		06/13/24 17:09	75-15-0	
Carbon tetrachloride	ND	mg/kg	0.0056	0.0028	1		06/13/24 17:09	56-23-5	
Chlorobenzene	ND	mg/kg	0.0056	0.00074	1		06/13/24 17:09	108-90-7	

## REPORT OF LABORATORY ANALYSIS

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## ANALYTICAL RESULTS

Project: Genesis Convention Center

Pace Project No.: 50375189

Sample: SB-5 (12-14) Lab ID: 50375189010 Collected: 06/04/24 13:26 Received: 06/06/24 13:02 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV 5035A VOA</b>		Analytical Method: EPA 8260 Pace Analytical Services - Indianapolis							
Chloroethane	ND	mg/kg	0.0056	0.0011	1		06/13/24 17:09	75-00-3	
Chloroform	ND	mg/kg	0.0056	0.0026	1		06/13/24 17:09	67-66-3	
Chloromethane	ND	mg/kg	0.0056	0.00065	1		06/13/24 17:09	74-87-3	
2-Chlorotoluene	ND	mg/kg	0.0056	0.00076	1		06/13/24 17:09	95-49-8	
4-Chlorotoluene	ND	mg/kg	0.0056	0.00074	1		06/13/24 17:09	106-43-4	
Dibromochloromethane	ND	mg/kg	0.0056	0.00077	1		06/13/24 17:09	124-48-1	
1,2-Dibromoethane (EDB)	ND	mg/kg	0.0056	0.00077	1		06/13/24 17:09	106-93-4	
Dibromomethane	ND	mg/kg	0.0056	0.0014	1		06/13/24 17:09	74-95-3	
1,2-Dichlorobenzene	ND	mg/kg	0.0056	0.00075	1		06/13/24 17:09	95-50-1	
1,3-Dichlorobenzene	ND	mg/kg	0.0056	0.00075	1		06/13/24 17:09	541-73-1	
1,4-Dichlorobenzene	ND	mg/kg	0.0056	0.00072	1		06/13/24 17:09	106-46-7	
trans-1,4-Dichloro-2-butene	ND	mg/kg	0.11	0.0014	1		06/13/24 17:09	110-57-6	
Dichlorodifluoromethane	ND	mg/kg	0.0056	0.0029	1		06/13/24 17:09	75-71-8	
1,1-Dichloroethane	ND	mg/kg	0.0056	0.00067	1		06/13/24 17:09	75-34-3	
1,2-Dichloroethane	ND	mg/kg	0.0056	0.0011	1		06/13/24 17:09	107-06-2	
1,1-Dichloroethene	ND	mg/kg	0.0056	0.00085	1		06/13/24 17:09	75-35-4	
cis-1,2-Dichloroethene	ND	mg/kg	0.0056	0.00076	1		06/13/24 17:09	156-59-2	
trans-1,2-Dichloroethene	ND	mg/kg	0.0056	0.00074	1		06/13/24 17:09	156-60-5	
1,2-Dichloropropane	ND	mg/kg	0.0056	0.00079	1		06/13/24 17:09	78-87-5	
1,3-Dichloropropane	ND	mg/kg	0.0056	0.00078	1		06/13/24 17:09	142-28-9	
2,2-Dichloropropane	ND	mg/kg	0.0056	0.00071	1		06/13/24 17:09	594-20-7	
1,1-Dichloropropene	ND	mg/kg	0.0056	0.0017	1		06/13/24 17:09	563-58-6	
cis-1,3-Dichloropropene	ND	mg/kg	0.0056	0.00070	1		06/13/24 17:09	10061-01-5	
trans-1,3-Dichloropropene	ND	mg/kg	0.0056	0.0014	1		06/13/24 17:09	10061-02-6	
Ethylbenzene	ND	mg/kg	0.0056	0.00071	1		06/13/24 17:09	100-41-4	
Ethyl methacrylate	ND	mg/kg	0.11	0.00074	1		06/13/24 17:09	97-63-2	
Hexachloro-1,3-butadiene	ND	mg/kg	0.0056	0.00076	1		06/13/24 17:09	87-68-3	
n-Hexane	ND	mg/kg	0.0056	0.0040	1		06/13/24 17:09	110-54-3	
2-Hexanone	ND	mg/kg	0.11	0.010	1		06/13/24 17:09	591-78-6	
Iodomethane	ND	mg/kg	0.11	0.0032	1		06/13/24 17:09	74-88-4	
Isopropylbenzene (Cumene)	ND	mg/kg	0.0056	0.0018	1		06/13/24 17:09	98-82-8	
p-Isopropyltoluene	ND	mg/kg	0.0056	0.00069	1		06/13/24 17:09	99-87-6	
Methylene Chloride	ND	mg/kg	0.022	0.0099	1		06/13/24 17:09	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	mg/kg	0.028	0.0042	1		06/13/24 17:09	108-10-1	
Methyl-tert-butyl ether	ND	mg/kg	0.0056	0.00065	1		06/13/24 17:09	1634-04-4	
Naphthalene	ND	mg/kg	0.0056	0.00084	1		06/13/24 17:09	91-20-3	
n-Propylbenzene	ND	mg/kg	0.0056	0.00067	1		06/13/24 17:09	103-65-1	
Styrene	ND	mg/kg	0.0056	0.0040	1		06/13/24 17:09	100-42-5	
1,1,1,2-Tetrachloroethane	ND	mg/kg	0.0056	0.00076	1		06/13/24 17:09	630-20-6	
1,1,2,2-Tetrachloroethane	ND	mg/kg	0.0056	0.00084	1		06/13/24 17:09	79-34-5	
Tetrachloroethene	ND	mg/kg	0.0056	0.00069	1		06/13/24 17:09	127-18-4	
Toluene	ND	mg/kg	0.0056	0.0013	1		06/13/24 17:09	108-88-3	
1,2,3-Trichlorobenzene	ND	mg/kg	0.0056	0.00081	1		06/13/24 17:09	87-61-6	
1,2,4-Trichlorobenzene	ND	mg/kg	0.0056	0.00080	1		06/13/24 17:09	120-82-1	

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### ANALYTICAL RESULTS

Project: Genesis Convention Center

Pace Project No.: 50375189

Sample: SB-5 (12-14) Lab ID: 50375189010 Collected: 06/04/24 13:26 Received: 06/06/24 13:02 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV 5035A VOA</b>									
Analytical Method: EPA 8260									
Pace Analytical Services - Indianapolis									
1,1,1-Trichloroethane	ND	mg/kg	0.0056	0.00082	1		06/13/24 17:09	71-55-6	
1,1,2-Trichloroethane	ND	mg/kg	0.0056	0.00082	1		06/13/24 17:09	79-00-5	
Trichloroethene	ND	mg/kg	0.0056	0.00078	1		06/13/24 17:09	79-01-6	
Trichlorofluoromethane	ND	mg/kg	0.0056	0.0031	1		06/13/24 17:09	75-69-4	
1,2,3-Trichloropropane	ND	mg/kg	0.0056	0.0015	1		06/13/24 17:09	96-18-4	
1,2,4-Trimethylbenzene	ND	mg/kg	0.0056	0.00073	1		06/13/24 17:09	95-63-6	
1,3,5-Trimethylbenzene	ND	mg/kg	0.0056	0.0037	1		06/13/24 17:09	108-67-8	
Vinyl acetate	ND	mg/kg	0.11	0.0021	1		06/13/24 17:09	108-05-4	
Vinyl chloride	ND	mg/kg	0.0056	0.00061	1		06/13/24 17:09	75-01-4	
Xylene (Total)	ND	mg/kg	0.011	0.0014	1		06/13/24 17:09	1330-20-7	
<b>Surrogates</b>									
Dibromofluoromethane (S)	108	%	75-135		1		06/13/24 17:09	1868-53-7	
Toluene-d8 (S)	96	%	65-148		1		06/13/24 17:09	2037-26-5	
4-Bromofluorobenzene (S)	95	%	63-132		1		06/13/24 17:09	460-00-4	

#### Percent Moisture

Analytical Method: SM 2540G

Pace Analytical Services - Indianapolis

Percent Moisture	4.7	%	0.10	0.10	1		06/18/24 13:26		N2
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## ANALYTICAL RESULTS

Project: Genesis Convention Center

Pace Project No.: 50375189

Sample: SB-6 (1-3) Lab ID: 50375189011 Collected: 06/04/24 13:54 Received: 06/06/24 13:02 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
<b>6010 MET ICP</b>									
Analytical Method: EPA 6010 Preparation Method: EPA 3050									
Pace Analytical Services - Indianapolis									
Lead	2.9	mg/kg	1.0	0.23	1	06/18/24 00:04	06/18/24 11:42	7439-92-1	
<b>8270 PAH Soil by SIM</b>									
Analytical Method: EPA 8270 by SIM Preparation Method: EPA 3546									
Pace Analytical Services - Indianapolis									
Acenaphthene	ND	mg/kg	0.0050	0.0020	1	06/14/24 22:02	06/17/24 20:03	83-32-9	
Acenaphthylene	ND	mg/kg	0.0050	0.0019	1	06/14/24 22:02	06/17/24 20:03	208-96-8	
Anthracene	ND	mg/kg	0.0050	0.0025	1	06/14/24 22:02	06/17/24 20:03	120-12-7	
Benzo(a)anthracene	0.0087	mg/kg	0.0050	0.0014	1	06/14/24 22:02	06/17/24 20:03	56-55-3	
Benzo(a)pyrene	0.0095	mg/kg	0.0050	0.0030	1	06/14/24 22:02	06/17/24 20:03	50-32-8	
Benzo(b)fluoranthene	0.012	mg/kg	0.0050	0.0028	1	06/14/24 22:02	06/17/24 20:03	205-99-2	
Benzo(g,h,i)perylene	0.0077	mg/kg	0.0050	0.0030	1	06/14/24 22:02	06/17/24 20:03	191-24-2	
Benzo(k)fluoranthene	ND	mg/kg	0.0050	0.0023	1	06/14/24 22:02	06/17/24 20:03	207-08-9	
Chrysene	0.0094	mg/kg	0.0050	0.0034	1	06/14/24 22:02	06/17/24 20:03	218-01-9	
Dibenz(a,h)anthracene	ND	mg/kg	0.0050	0.0025	1	06/14/24 22:02	06/17/24 20:03	53-70-3	
Fluoranthene	0.015	mg/kg	0.0050	0.0035	1	06/14/24 22:02	06/17/24 20:03	206-44-0	
Fluorene	ND	mg/kg	0.0050	0.0020	1	06/14/24 22:02	06/17/24 20:03	86-73-7	
Indeno(1,2,3-cd)pyrene	0.0055	mg/kg	0.0050	0.0026	1	06/14/24 22:02	06/17/24 20:03	193-39-5	
1-Methylnaphthalene	ND	mg/kg	0.0050	0.0020	1	06/14/24 22:02	06/17/24 20:03	90-12-0	
2-Methylnaphthalene	ND	mg/kg	0.0050	0.0047	1	06/14/24 22:02	06/17/24 20:03	91-57-6	
Naphthalene	ND	mg/kg	0.0050	0.0046	1	06/14/24 22:02	06/17/24 20:03	91-20-3	
Phenanthrene	0.0083	mg/kg	0.0050	0.0036	1	06/14/24 22:02	06/17/24 20:03	85-01-8	
Pyrene	0.015	mg/kg	0.0050	0.0034	1	06/14/24 22:02	06/17/24 20:03	129-00-0	
<b>Surrogates</b>									
2-Fluorobiphenyl (S)	69	%	16-93		1	06/14/24 22:02	06/17/24 20:03	321-60-8	
p-Terphenyl-d14 (S)	85	%	19-115		1	06/14/24 22:02	06/17/24 20:03	1718-51-0	
<b>8260 MSV 5035A VOA</b>									
Analytical Method: EPA 8260									
Pace Analytical Services - Indianapolis									
Acetone	ND	mg/kg	0.12	0.024	1		06/13/24 17:39	67-64-1	
Acrolein	ND	mg/kg	0.12	0.022	1		06/13/24 17:39	107-02-8	
Acrylonitrile	ND	mg/kg	0.12	0.0044	1		06/13/24 17:39	107-13-1	
Benzene	ND	mg/kg	0.0059	0.00068	1		06/13/24 17:39	71-43-2	
Bromobenzene	ND	mg/kg	0.0059	0.00082	1		06/13/24 17:39	108-86-1	
Bromochloromethane	ND	mg/kg	0.0059	0.00093	1		06/13/24 17:39	74-97-5	
Bromodichloromethane	ND	mg/kg	0.0059	0.00074	1		06/13/24 17:39	75-27-4	
Bromoform	ND	mg/kg	0.0059	0.00078	1		06/13/24 17:39	75-25-2	
Bromomethane	ND	mg/kg	0.0059	0.00075	1		06/13/24 17:39	74-83-9	
2-Butanone (MEK)	ND	mg/kg	0.029	0.014	1		06/13/24 17:39	78-93-3	
n-Butylbenzene	ND	mg/kg	0.0059	0.00073	1		06/13/24 17:39	104-51-8	
sec-Butylbenzene	ND	mg/kg	0.0059	0.00074	1		06/13/24 17:39	135-98-8	
tert-Butylbenzene	ND	mg/kg	0.0059	0.00074	1		06/13/24 17:39	98-06-6	
Carbon disulfide	ND	mg/kg	0.012	0.00082	1		06/13/24 17:39	75-15-0	
Carbon tetrachloride	ND	mg/kg	0.0059	0.0030	1		06/13/24 17:39	56-23-5	
Chlorobenzene	ND	mg/kg	0.0059	0.00078	1		06/13/24 17:39	108-90-7	

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## ANALYTICAL RESULTS

Project: Genesis Convention Center

Pace Project No.: 50375189

Sample: SB-6 (1-3) Lab ID: 50375189011 Collected: 06/04/24 13:54 Received: 06/06/24 13:02 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV 5035A VOA</b>		Analytical Method: EPA 8260 Pace Analytical Services - Indianapolis							
Chloroethane	ND	mg/kg	0.0059	0.0011	1		06/13/24 17:39	75-00-3	
Chloroform	ND	mg/kg	0.0059	0.0027	1		06/13/24 17:39	67-66-3	
Chloromethane	ND	mg/kg	0.0059	0.00068	1		06/13/24 17:39	74-87-3	
2-Chlorotoluene	ND	mg/kg	0.0059	0.00080	1		06/13/24 17:39	95-49-8	
4-Chlorotoluene	ND	mg/kg	0.0059	0.00079	1		06/13/24 17:39	106-43-4	
Dibromochloromethane	ND	mg/kg	0.0059	0.00081	1		06/13/24 17:39	124-48-1	
1,2-Dibromoethane (EDB)	ND	mg/kg	0.0059	0.00081	1		06/13/24 17:39	106-93-4	
Dibromomethane	ND	mg/kg	0.0059	0.0015	1		06/13/24 17:39	74-95-3	
1,2-Dichlorobenzene	ND	mg/kg	0.0059	0.00080	1		06/13/24 17:39	95-50-1	
1,3-Dichlorobenzene	ND	mg/kg	0.0059	0.00079	1		06/13/24 17:39	541-73-1	
1,4-Dichlorobenzene	ND	mg/kg	0.0059	0.00076	1		06/13/24 17:39	106-46-7	
trans-1,4-Dichloro-2-butene	ND	mg/kg	0.12	0.0015	1		06/13/24 17:39	110-57-6	
Dichlorodifluoromethane	ND	mg/kg	0.0059	0.0031	1		06/13/24 17:39	75-71-8	
1,1-Dichloroethane	ND	mg/kg	0.0059	0.00071	1		06/13/24 17:39	75-34-3	
1,2-Dichloroethane	ND	mg/kg	0.0059	0.0012	1		06/13/24 17:39	107-06-2	
1,1-Dichloroethene	ND	mg/kg	0.0059	0.00090	1		06/13/24 17:39	75-35-4	
cis-1,2-Dichloroethene	ND	mg/kg	0.0059	0.00081	1		06/13/24 17:39	156-59-2	
trans-1,2-Dichloroethene	ND	mg/kg	0.0059	0.00078	1		06/13/24 17:39	156-60-5	
1,2-Dichloropropane	ND	mg/kg	0.0059	0.00083	1		06/13/24 17:39	78-87-5	
1,3-Dichloropropane	ND	mg/kg	0.0059	0.00082	1		06/13/24 17:39	142-28-9	
2,2-Dichloropropane	ND	mg/kg	0.0059	0.00076	1		06/13/24 17:39	594-20-7	
1,1-Dichloropropene	ND	mg/kg	0.0059	0.0018	1		06/13/24 17:39	563-58-6	
cis-1,3-Dichloropropene	ND	mg/kg	0.0059	0.00074	1		06/13/24 17:39	10061-01-5	
trans-1,3-Dichloropropene	ND	mg/kg	0.0059	0.0015	1		06/13/24 17:39	10061-02-6	
Ethylbenzene	ND	mg/kg	0.0059	0.00075	1		06/13/24 17:39	100-41-4	
Ethyl methacrylate	ND	mg/kg	0.12	0.00078	1		06/13/24 17:39	97-63-2	
Hexachloro-1,3-butadiene	ND	mg/kg	0.0059	0.00080	1		06/13/24 17:39	87-68-3	
n-Hexane	ND	mg/kg	0.0059	0.0042	1		06/13/24 17:39	110-54-3	
2-Hexanone	ND	mg/kg	0.12	0.011	1		06/13/24 17:39	591-78-6	
Iodomethane	ND	mg/kg	0.12	0.0034	1		06/13/24 17:39	74-88-4	
Isopropylbenzene (Cumene)	ND	mg/kg	0.0059	0.0019	1		06/13/24 17:39	98-82-8	
p-Isopropyltoluene	ND	mg/kg	0.0059	0.00073	1		06/13/24 17:39	99-87-6	
Methylene Chloride	ND	mg/kg	0.024	0.010	1		06/13/24 17:39	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	mg/kg	0.029	0.0044	1		06/13/24 17:39	108-10-1	
Methyl-tert-butyl ether	ND	mg/kg	0.0059	0.00069	1		06/13/24 17:39	1634-04-4	
Naphthalene	ND	mg/kg	0.0059	0.00089	1		06/13/24 17:39	91-20-3	
n-Propylbenzene	ND	mg/kg	0.0059	0.00071	1		06/13/24 17:39	103-65-1	
Styrene	ND	mg/kg	0.0059	0.0042	1		06/13/24 17:39	100-42-5	
1,1,1,2-Tetrachloroethane	ND	mg/kg	0.0059	0.00080	1		06/13/24 17:39	630-20-6	
1,1,1,2,2-Tetrachloroethane	ND	mg/kg	0.0059	0.00089	1		06/13/24 17:39	79-34-5	
Tetrachloroethene	ND	mg/kg	0.0059	0.00074	1		06/13/24 17:39	127-18-4	
Toluene	ND	mg/kg	0.0059	0.0014	1		06/13/24 17:39	108-88-3	
1,2,3-Trichlorobenzene	ND	mg/kg	0.0059	0.00086	1		06/13/24 17:39	87-61-6	
1,2,4-Trichlorobenzene	ND	mg/kg	0.0059	0.00085	1		06/13/24 17:39	120-82-1	

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### ANALYTICAL RESULTS

Project: Genesis Convention Center

Pace Project No.: 50375189

Sample: SB-6 (1-3) Lab ID: 50375189011 Collected: 06/04/24 13:54 Received: 06/06/24 13:02 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV 5035A VOA</b>									
Analytical Method: EPA 8260									
Pace Analytical Services - Indianapolis									
1,1,1-Trichloroethane	ND	mg/kg	0.0059	0.00087	1		06/13/24 17:39	71-55-6	
1,1,2-Trichloroethane	ND	mg/kg	0.0059	0.00087	1		06/13/24 17:39	79-00-5	
Trichloroethene	ND	mg/kg	0.0059	0.00082	1		06/13/24 17:39	79-01-6	
Trichlorofluoromethane	ND	mg/kg	0.0059	0.0033	1		06/13/24 17:39	75-69-4	
1,2,3-Trichloropropane	ND	mg/kg	0.0059	0.0016	1		06/13/24 17:39	96-18-4	
1,2,4-Trimethylbenzene	ND	mg/kg	0.0059	0.00078	1		06/13/24 17:39	95-63-6	
1,3,5-Trimethylbenzene	ND	mg/kg	0.0059	0.0039	1		06/13/24 17:39	108-67-8	
Vinyl acetate	ND	mg/kg	0.12	0.0023	1		06/13/24 17:39	108-05-4	
Vinyl chloride	ND	mg/kg	0.0059	0.00064	1		06/13/24 17:39	75-01-4	
Xylene (Total)	ND	mg/kg	0.012	0.0015	1		06/13/24 17:39	1330-20-7	
<b>Surrogates</b>									
Dibromofluoromethane (S)	110	%	75-135		1		06/13/24 17:39	1868-53-7	
Toluene-d8 (S)	95	%	65-148		1		06/13/24 17:39	2037-26-5	
4-Bromofluorobenzene (S)	95	%	63-132		1		06/13/24 17:39	460-00-4	
<b>Percent Moisture</b>									
Analytical Method: SM 2540G									
Pace Analytical Services - Indianapolis									
Percent Moisture	3.4	%	0.10	0.10	1		06/18/24 13:26		N2

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## ANALYTICAL RESULTS

Project: Genesis Convention Center

Pace Project No.: 50375189

Sample: SB-6 (12-14) Lab ID: 50375189012 Collected: 06/04/24 14:08 Received: 06/06/24 13:02 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
<b>6010 MET ICP</b>									
Analytical Method: EPA 6010 Preparation Method: EPA 3050									
Pace Analytical Services - Indianapolis									
Lead	1.4	mg/kg	0.95	0.22	1	06/18/24 00:04	06/18/24 11:44	7439-92-1	
<b>8270 PAH Soil by SIM</b>									
Analytical Method: EPA 8270 by SIM Preparation Method: EPA 3546									
Pace Analytical Services - Indianapolis									
Acenaphthene	ND	mg/kg	0.0049	0.0020	1	06/14/24 22:02	06/17/24 20:17	83-32-9	
Acenaphthylene	ND	mg/kg	0.0049	0.0018	1	06/14/24 22:02	06/17/24 20:17	208-96-8	
Anthracene	ND	mg/kg	0.0049	0.0025	1	06/14/24 22:02	06/17/24 20:17	120-12-7	
Benzo(a)anthracene	ND	mg/kg	0.0049	0.0014	1	06/14/24 22:02	06/17/24 20:17	56-55-3	
Benzo(a)pyrene	ND	mg/kg	0.0049	0.0029	1	06/14/24 22:02	06/17/24 20:17	50-32-8	
Benzo(b)fluoranthene	ND	mg/kg	0.0049	0.0027	1	06/14/24 22:02	06/17/24 20:17	205-99-2	
Benzo(g,h,i)perylene	ND	mg/kg	0.0049	0.0029	1	06/14/24 22:02	06/17/24 20:17	191-24-2	
Benzo(k)fluoranthene	ND	mg/kg	0.0049	0.0023	1	06/14/24 22:02	06/17/24 20:17	207-08-9	
Chrysene	ND	mg/kg	0.0049	0.0034	1	06/14/24 22:02	06/17/24 20:17	218-01-9	
Dibenz(a,h)anthracene	ND	mg/kg	0.0049	0.0024	1	06/14/24 22:02	06/17/24 20:17	53-70-3	
Fluoranthene	ND	mg/kg	0.0049	0.0034	1	06/14/24 22:02	06/17/24 20:17	206-44-0	
Fluorene	ND	mg/kg	0.0049	0.0019	1	06/14/24 22:02	06/17/24 20:17	86-73-7	
Indeno(1,2,3-cd)pyrene	ND	mg/kg	0.0049	0.0025	1	06/14/24 22:02	06/17/24 20:17	193-39-5	
1-Methylnaphthalene	ND	mg/kg	0.0049	0.0020	1	06/14/24 22:02	06/17/24 20:17	90-12-0	
2-Methylnaphthalene	ND	mg/kg	0.0049	0.0046	1	06/14/24 22:02	06/17/24 20:17	91-57-6	
Naphthalene	ND	mg/kg	0.0049	0.0045	1	06/14/24 22:02	06/17/24 20:17	91-20-3	
Phenanthrene	ND	mg/kg	0.0049	0.0035	1	06/14/24 22:02	06/17/24 20:17	85-01-8	
Pyrene	ND	mg/kg	0.0049	0.0034	1	06/14/24 22:02	06/17/24 20:17	129-00-0	
<b>Surrogates</b>									
2-Fluorobiphenyl (S)	67	%	16-93		1	06/14/24 22:02	06/17/24 20:17	321-60-8	
p-Terphenyl-d14 (S)	78	%	19-115		1	06/14/24 22:02	06/17/24 20:17	1718-51-0	
<b>8260 MSV 5035A VOA</b>									
Analytical Method: EPA 8260									
Pace Analytical Services - Indianapolis									
Acetone	ND	mg/kg	0.11	0.023	1		06/13/24 18:09	67-64-1	
Acrolein	ND	mg/kg	0.11	0.021	1		06/13/24 18:09	107-02-8	
Acrylonitrile	ND	mg/kg	0.11	0.0042	1		06/13/24 18:09	107-13-1	
Benzene	ND	mg/kg	0.0056	0.00065	1		06/13/24 18:09	71-43-2	
Bromobenzene	ND	mg/kg	0.0056	0.00079	1		06/13/24 18:09	108-86-1	
Bromochloromethane	ND	mg/kg	0.0056	0.00089	1		06/13/24 18:09	74-97-5	
Bromodichloromethane	ND	mg/kg	0.0056	0.00071	1		06/13/24 18:09	75-27-4	
Bromoform	ND	mg/kg	0.0056	0.00075	1		06/13/24 18:09	75-25-2	
Bromomethane	ND	mg/kg	0.0056	0.00071	1		06/13/24 18:09	74-83-9	
2-Butanone (MEK)	ND	mg/kg	0.028	0.014	1		06/13/24 18:09	78-93-3	
n-Butylbenzene	ND	mg/kg	0.0056	0.00070	1		06/13/24 18:09	104-51-8	
sec-Butylbenzene	ND	mg/kg	0.0056	0.00071	1		06/13/24 18:09	135-98-8	
tert-Butylbenzene	ND	mg/kg	0.0056	0.00071	1		06/13/24 18:09	98-06-6	
Carbon disulfide	ND	mg/kg	0.011	0.00079	1		06/13/24 18:09	75-15-0	
Carbon tetrachloride	ND	mg/kg	0.0056	0.0029	1		06/13/24 18:09	56-23-5	
Chlorobenzene	ND	mg/kg	0.0056	0.00075	1		06/13/24 18:09	108-90-7	

## REPORT OF LABORATORY ANALYSIS

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## ANALYTICAL RESULTS

Project: Genesis Convention Center

Pace Project No.: 50375189

Sample: SB-6 (12-14) Lab ID: 50375189012 Collected: 06/04/24 14:08 Received: 06/06/24 13:02 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV 5035A VOA</b>		Analytical Method: EPA 8260 Pace Analytical Services - Indianapolis							
Chloroethane	ND	mg/kg	0.0056	0.0011	1		06/13/24 18:09	75-00-3	
Chloroform	ND	mg/kg	0.0056	0.0026	1		06/13/24 18:09	67-66-3	
Chloromethane	ND	mg/kg	0.0056	0.00066	1		06/13/24 18:09	74-87-3	
2-Chlorotoluene	ND	mg/kg	0.0056	0.00077	1		06/13/24 18:09	95-49-8	
4-Chlorotoluene	ND	mg/kg	0.0056	0.00075	1		06/13/24 18:09	106-43-4	
Dibromochloromethane	ND	mg/kg	0.0056	0.00078	1		06/13/24 18:09	124-48-1	
1,2-Dibromoethane (EDB)	ND	mg/kg	0.0056	0.00078	1		06/13/24 18:09	106-93-4	
Dibromomethane	ND	mg/kg	0.0056	0.0014	1		06/13/24 18:09	74-95-3	
1,2-Dichlorobenzene	ND	mg/kg	0.0056	0.00076	1		06/13/24 18:09	95-50-1	
1,3-Dichlorobenzene	ND	mg/kg	0.0056	0.00076	1		06/13/24 18:09	541-73-1	
1,4-Dichlorobenzene	ND	mg/kg	0.0056	0.00073	1		06/13/24 18:09	106-46-7	
trans-1,4-Dichloro-2-butene	ND	mg/kg	0.11	0.0015	1		06/13/24 18:09	110-57-6	
Dichlorodifluoromethane	ND	mg/kg	0.0056	0.0029	1		06/13/24 18:09	75-71-8	
1,1-Dichloroethane	ND	mg/kg	0.0056	0.00068	1		06/13/24 18:09	75-34-3	
1,2-Dichloroethane	ND	mg/kg	0.0056	0.0012	1		06/13/24 18:09	107-06-2	
1,1-Dichloroethene	ND	mg/kg	0.0056	0.00086	1		06/13/24 18:09	75-35-4	
cis-1,2-Dichloroethene	ND	mg/kg	0.0056	0.00078	1		06/13/24 18:09	156-59-2	
trans-1,2-Dichloroethene	ND	mg/kg	0.0056	0.00075	1		06/13/24 18:09	156-60-5	
1,2-Dichloropropane	ND	mg/kg	0.0056	0.00080	1		06/13/24 18:09	78-87-5	
1,3-Dichloropropane	ND	mg/kg	0.0056	0.00079	1		06/13/24 18:09	142-28-9	
2,2-Dichloropropane	ND	mg/kg	0.0056	0.00072	1		06/13/24 18:09	594-20-7	
1,1-Dichloropropene	ND	mg/kg	0.0056	0.0017	1		06/13/24 18:09	563-58-6	
cis-1,3-Dichloropropene	ND	mg/kg	0.0056	0.00071	1		06/13/24 18:09	10061-01-5	
trans-1,3-Dichloropropene	ND	mg/kg	0.0056	0.0015	1		06/13/24 18:09	10061-02-6	
Ethylbenzene	ND	mg/kg	0.0056	0.00072	1		06/13/24 18:09	100-41-4	
Ethyl methacrylate	ND	mg/kg	0.11	0.00075	1		06/13/24 18:09	97-63-2	
Hexachloro-1,3-butadiene	ND	mg/kg	0.0056	0.00077	1		06/13/24 18:09	87-68-3	
n-Hexane	ND	mg/kg	0.0056	0.0040	1		06/13/24 18:09	110-54-3	
2-Hexanone	ND	mg/kg	0.11	0.011	1		06/13/24 18:09	591-78-6	
Iodomethane	ND	mg/kg	0.11	0.0032	1		06/13/24 18:09	74-88-4	
Isopropylbenzene (Cumene)	ND	mg/kg	0.0056	0.0018	1		06/13/24 18:09	98-82-8	
p-Isopropyltoluene	ND	mg/kg	0.0056	0.00070	1		06/13/24 18:09	99-87-6	
Methylene Chloride	ND	mg/kg	0.023	0.010	1		06/13/24 18:09	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	mg/kg	0.028	0.0042	1		06/13/24 18:09	108-10-1	
Methyl-tert-butyl ether	ND	mg/kg	0.0056	0.00066	1		06/13/24 18:09	1634-04-4	
Naphthalene	ND	mg/kg	0.0056	0.00085	1		06/13/24 18:09	91-20-3	
n-Propylbenzene	ND	mg/kg	0.0056	0.00068	1		06/13/24 18:09	103-65-1	
Styrene	ND	mg/kg	0.0056	0.0041	1		06/13/24 18:09	100-42-5	
1,1,1,2-Tetrachloroethane	ND	mg/kg	0.0056	0.00077	1		06/13/24 18:09	630-20-6	
1,1,2,2-Tetrachloroethane	ND	mg/kg	0.0056	0.00085	1		06/13/24 18:09	79-34-5	
Tetrachloroethene	ND	mg/kg	0.0056	0.00070	1		06/13/24 18:09	127-18-4	
Toluene	ND	mg/kg	0.0056	0.0014	1		06/13/24 18:09	108-88-3	
1,2,3-Trichlorobenzene	ND	mg/kg	0.0056	0.00082	1		06/13/24 18:09	87-61-6	
1,2,4-Trichlorobenzene	ND	mg/kg	0.0056	0.00082	1		06/13/24 18:09	120-82-1	

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### ANALYTICAL RESULTS

Project: Genesis Convention Center

Pace Project No.: 50375189

Sample: SB-6 (12-14) Lab ID: 50375189012 Collected: 06/04/24 14:08 Received: 06/06/24 13:02 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV 5035A VOA</b>									
Analytical Method: EPA 8260									
Pace Analytical Services - Indianapolis									
1,1,1-Trichloroethane	ND	mg/kg	0.0056	0.00083	1		06/13/24 18:09	71-55-6	
1,1,2-Trichloroethane	ND	mg/kg	0.0056	0.00083	1		06/13/24 18:09	79-00-5	
Trichloroethene	ND	mg/kg	0.0056	0.00079	1		06/13/24 18:09	79-01-6	
Trichlorofluoromethane	ND	mg/kg	0.0056	0.0032	1		06/13/24 18:09	75-69-4	
1,2,3-Trichloropropane	ND	mg/kg	0.0056	0.0015	1		06/13/24 18:09	96-18-4	
1,2,4-Trimethylbenzene	ND	mg/kg	0.0056	0.00074	1		06/13/24 18:09	95-63-6	
1,3,5-Trimethylbenzene	ND	mg/kg	0.0056	0.0037	1		06/13/24 18:09	108-67-8	
Vinyl acetate	ND	mg/kg	0.11	0.0022	1		06/13/24 18:09	108-05-4	
Vinyl chloride	ND	mg/kg	0.0056	0.00062	1		06/13/24 18:09	75-01-4	
Xylene (Total)	ND	mg/kg	0.011	0.0015	1		06/13/24 18:09	1330-20-7	
<b>Surrogates</b>									
Dibromofluoromethane (S)	110	%	75-135		1		06/13/24 18:09	1868-53-7	
Toluene-d8 (S)	96	%	65-148		1		06/13/24 18:09	2037-26-5	
4-Bromofluorobenzene (S)	96	%	63-132		1		06/13/24 18:09	460-00-4	
<b>Percent Moisture</b>									
Analytical Method: SM 2540G									
Pace Analytical Services - Indianapolis									
Percent Moisture	3.3	%	0.10	0.10	1		06/18/24 13:27		N2

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## ANALYTICAL RESULTS

Project: Genesis Convention Center

Pace Project No.: 50375189

Sample: SB-7 (1-3) Lab ID: 50375189013 Collected: 06/04/24 14:39 Received: 06/06/24 13:02 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
<b>6010 MET ICP</b>									
Analytical Method: EPA 6010 Preparation Method: EPA 3050									
Pace Analytical Services - Indianapolis									
Lead	13.0	mg/kg	1.0	0.23	1	06/18/24 00:04	06/18/24 11:46	7439-92-1	
<b>8270 PAH Soil by SIM</b>									
Analytical Method: EPA 8270 by SIM Preparation Method: EPA 3546									
Pace Analytical Services - Indianapolis									
Acenaphthene	ND	mg/kg	0.0052	0.0021	1	06/14/24 22:02	06/17/24 20:30	83-32-9	
Acenaphthylene	0.042	mg/kg	0.0052	0.0020	1	06/14/24 22:02	06/17/24 20:30	208-96-8	
Anthracene	0.023	mg/kg	0.0052	0.0026	1	06/14/24 22:02	06/17/24 20:30	120-12-7	
Benzo(a)anthracene	0.22	mg/kg	0.0052	0.0015	1	06/14/24 22:02	06/17/24 20:30	56-55-3	
Benzo(a)pyrene	0.32	mg/kg	0.0052	0.0031	1	06/14/24 22:02	06/17/24 20:30	50-32-8	
Benzo(b)fluoranthene	0.54	mg/kg	0.0052	0.0029	1	06/14/24 22:02	06/17/24 20:30	205-99-2	
Benzo(g,h,i)perylene	0.25	mg/kg	0.0052	0.0031	1	06/14/24 22:02	06/17/24 20:30	191-24-2	
Benzo(k)fluoranthene	0.16	mg/kg	0.0052	0.0024	1	06/14/24 22:02	06/17/24 20:30	207-08-9	
Chrysene	0.26	mg/kg	0.0052	0.0036	1	06/14/24 22:02	06/17/24 20:30	218-01-9	
Dibenz(a,h)anthracene	0.093	mg/kg	0.0052	0.0026	1	06/14/24 22:02	06/17/24 20:30	53-70-3	
Fluoranthene	0.27	mg/kg	0.0052	0.0036	1	06/14/24 22:02	06/17/24 20:30	206-44-0	
Fluorene	ND	mg/kg	0.0052	0.0021	1	06/14/24 22:02	06/17/24 20:30	86-73-7	
Indeno(1,2,3-cd)pyrene	0.23	mg/kg	0.0052	0.0027	1	06/14/24 22:02	06/17/24 20:30	193-39-5	
1-Methylnaphthalene	ND	mg/kg	0.0052	0.0021	1	06/14/24 22:02	06/17/24 20:30	90-12-0	
2-Methylnaphthalene	ND	mg/kg	0.0052	0.0049	1	06/14/24 22:02	06/17/24 20:30	91-57-6	
Naphthalene	ND	mg/kg	0.0052	0.0048	1	06/14/24 22:02	06/17/24 20:30	91-20-3	
Phenanthrene	0.052	mg/kg	0.0052	0.0038	1	06/14/24 22:02	06/17/24 20:30	85-01-8	
Pyrene	0.31	mg/kg	0.0052	0.0036	1	06/14/24 22:02	06/17/24 20:30	129-00-0	
<b>Surrogates</b>									
2-Fluorobiphenyl (S)	71	%	16-93		1	06/14/24 22:02	06/17/24 20:30	321-60-8	
p-Terphenyl-d14 (S)	82	%	19-115		1	06/14/24 22:02	06/17/24 20:30	1718-51-0	
<b>8260 MSV 5035A VOA</b>									
Analytical Method: EPA 8260									
Pace Analytical Services - Indianapolis									
Acetone	ND	mg/kg	0.11	0.021	1		06/13/24 18:38	67-64-1	
Acrolein	ND	mg/kg	0.11	0.020	1		06/13/24 18:38	107-02-8	
Acrylonitrile	ND	mg/kg	0.11	0.0040	1		06/13/24 18:38	107-13-1	
Benzene	ND	mg/kg	0.0053	0.00061	1		06/13/24 18:38	71-43-2	
Bromobenzene	ND	mg/kg	0.0053	0.00074	1		06/13/24 18:38	108-86-1	
Bromochloromethane	ND	mg/kg	0.0053	0.00083	1		06/13/24 18:38	74-97-5	
Bromodichloromethane	ND	mg/kg	0.0053	0.00066	1		06/13/24 18:38	75-27-4	
Bromoform	ND	mg/kg	0.0053	0.00070	1		06/13/24 18:38	75-25-2	
Bromomethane	ND	mg/kg	0.0053	0.00067	1		06/13/24 18:38	74-83-9	
2-Butanone (MEK)	ND	mg/kg	0.026	0.013	1		06/13/24 18:38	78-93-3	
n-Butylbenzene	ND	mg/kg	0.0053	0.00066	1		06/13/24 18:38	104-51-8	
sec-Butylbenzene	ND	mg/kg	0.0053	0.00066	1		06/13/24 18:38	135-98-8	
tert-Butylbenzene	ND	mg/kg	0.0053	0.00066	1		06/13/24 18:38	98-06-6	
Carbon disulfide	ND	mg/kg	0.011	0.00074	1		06/13/24 18:38	75-15-0	
Carbon tetrachloride	ND	mg/kg	0.0053	0.0027	1		06/13/24 18:38	56-23-5	
Chlorobenzene	ND	mg/kg	0.0053	0.00070	1		06/13/24 18:38	108-90-7	

## REPORT OF LABORATORY ANALYSIS

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## ANALYTICAL RESULTS

Project: Genesis Convention Center

Pace Project No.: 50375189

Sample: SB-7 (1-3) Lab ID: 50375189013 Collected: 06/04/24 14:39 Received: 06/06/24 13:02 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV 5035A VOA</b>		Analytical Method: EPA 8260 Pace Analytical Services - Indianapolis							
Chloroethane	ND	mg/kg	0.0053	0.0010	1		06/13/24 18:38	75-00-3	
Chloroform	ND	mg/kg	0.0053	0.0025	1		06/13/24 18:38	67-66-3	
Chloromethane	ND	mg/kg	0.0053	0.00061	1		06/13/24 18:38	74-87-3	
2-Chlorotoluene	ND	mg/kg	0.0053	0.00072	1		06/13/24 18:38	95-49-8	
4-Chlorotoluene	ND	mg/kg	0.0053	0.00071	1		06/13/24 18:38	106-43-4	
Dibromochloromethane	ND	mg/kg	0.0053	0.00073	1		06/13/24 18:38	124-48-1	
1,2-Dibromoethane (EDB)	ND	mg/kg	0.0053	0.00073	1		06/13/24 18:38	106-93-4	
Dibromomethane	ND	mg/kg	0.0053	0.0013	1		06/13/24 18:38	74-95-3	
1,2-Dichlorobenzene	ND	mg/kg	0.0053	0.00072	1		06/13/24 18:38	95-50-1	
1,3-Dichlorobenzene	ND	mg/kg	0.0053	0.00071	1		06/13/24 18:38	541-73-1	
1,4-Dichlorobenzene	ND	mg/kg	0.0053	0.00069	1		06/13/24 18:38	106-46-7	
trans-1,4-Dichloro-2-butene	ND	mg/kg	0.11	0.0014	1		06/13/24 18:38	110-57-6	
Dichlorodifluoromethane	ND	mg/kg	0.0053	0.0027	1		06/13/24 18:38	75-71-8	
1,1-Dichloroethane	ND	mg/kg	0.0053	0.00064	1		06/13/24 18:38	75-34-3	
1,2-Dichloroethane	ND	mg/kg	0.0053	0.0011	1		06/13/24 18:38	107-06-2	
1,1-Dichloroethene	ND	mg/kg	0.0053	0.00081	1		06/13/24 18:38	75-35-4	
cis-1,2-Dichloroethene	ND	mg/kg	0.0053	0.00073	1		06/13/24 18:38	156-59-2	
trans-1,2-Dichloroethene	ND	mg/kg	0.0053	0.00070	1		06/13/24 18:38	156-60-5	
1,2-Dichloropropane	ND	mg/kg	0.0053	0.00075	1		06/13/24 18:38	78-87-5	
1,3-Dichloropropane	ND	mg/kg	0.0053	0.00074	1		06/13/24 18:38	142-28-9	
2,2-Dichloropropane	ND	mg/kg	0.0053	0.00068	1		06/13/24 18:38	594-20-7	
1,1-Dichloropropene	ND	mg/kg	0.0053	0.0016	1		06/13/24 18:38	563-58-6	
cis-1,3-Dichloropropene	ND	mg/kg	0.0053	0.00067	1		06/13/24 18:38	10061-01-5	
trans-1,3-Dichloropropene	ND	mg/kg	0.0053	0.0014	1		06/13/24 18:38	10061-02-6	
Ethylbenzene	ND	mg/kg	0.0053	0.00067	1		06/13/24 18:38	100-41-4	
Ethyl methacrylate	ND	mg/kg	0.11	0.00070	1		06/13/24 18:38	97-63-2	
Hexachloro-1,3-butadiene	ND	mg/kg	0.0053	0.00072	1		06/13/24 18:38	87-68-3	
n-Hexane	ND	mg/kg	0.0053	0.0038	1		06/13/24 18:38	110-54-3	
2-Hexanone	ND	mg/kg	0.11	0.0099	1		06/13/24 18:38	591-78-6	
Iodomethane	ND	mg/kg	0.11	0.0030	1		06/13/24 18:38	74-88-4	
Isopropylbenzene (Cumene)	ND	mg/kg	0.0053	0.0017	1		06/13/24 18:38	98-82-8	
p-Isopropyltoluene	ND	mg/kg	0.0053	0.00066	1		06/13/24 18:38	99-87-6	
Methylene Chloride	ND	mg/kg	0.021	0.0094	1		06/13/24 18:38	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	mg/kg	0.026	0.0040	1		06/13/24 18:38	108-10-1	
Methyl-tert-butyl ether	ND	mg/kg	0.0053	0.00062	1		06/13/24 18:38	1634-04-4	
Naphthalene	ND	mg/kg	0.0053	0.00080	1		06/13/24 18:38	91-20-3	
n-Propylbenzene	ND	mg/kg	0.0053	0.00064	1		06/13/24 18:38	103-65-1	
Styrene	ND	mg/kg	0.0053	0.0038	1		06/13/24 18:38	100-42-5	
1,1,1,2-Tetrachloroethane	ND	mg/kg	0.0053	0.00072	1		06/13/24 18:38	630-20-6	
1,1,1,2,2-Tetrachloroethane	ND	mg/kg	0.0053	0.00080	1		06/13/24 18:38	79-34-5	
Tetrachloroethene	ND	mg/kg	0.0053	0.00066	1		06/13/24 18:38	127-18-4	
Toluene	ND	mg/kg	0.0053	0.0013	1		06/13/24 18:38	108-88-3	
1,2,3-Trichlorobenzene	ND	mg/kg	0.0053	0.00077	1		06/13/24 18:38	87-61-6	
1,2,4-Trichlorobenzene	ND	mg/kg	0.0053	0.00076	1		06/13/24 18:38	120-82-1	

## REPORT OF LABORATORY ANALYSIS

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### ANALYTICAL RESULTS

Project: Genesis Convention Center

Pace Project No.: 50375189

Sample: **SB-7 (1-3)** Lab ID: **50375189013** Collected: 06/04/24 14:39 Received: 06/06/24 13:02 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV 5035A VOA</b>									
Analytical Method: EPA 8260									
Pace Analytical Services - Indianapolis									
1,1,1-Trichloroethane	ND	mg/kg	0.0053	0.00078	1		06/13/24 18:38	71-55-6	
1,1,2-Trichloroethane	ND	mg/kg	0.0053	0.00078	1		06/13/24 18:38	79-00-5	
Trichloroethene	ND	mg/kg	0.0053	0.00074	1		06/13/24 18:38	79-01-6	
Trichlorofluoromethane	ND	mg/kg	0.0053	0.0030	1		06/13/24 18:38	75-69-4	
1,2,3-Trichloropropane	ND	mg/kg	0.0053	0.0014	1		06/13/24 18:38	96-18-4	
1,2,4-Trimethylbenzene	ND	mg/kg	0.0053	0.00070	1		06/13/24 18:38	95-63-6	
1,3,5-Trimethylbenzene	ND	mg/kg	0.0053	0.0035	1		06/13/24 18:38	108-67-8	
Vinyl acetate	ND	mg/kg	0.11	0.0020	1		06/13/24 18:38	108-05-4	
Vinyl chloride	ND	mg/kg	0.0053	0.00058	1		06/13/24 18:38	75-01-4	
Xylene (Total)	ND	mg/kg	0.011	0.0014	1		06/13/24 18:38	1330-20-7	
<b>Surrogates</b>									
Dibromofluoromethane (S)	108	%	75-135		1		06/13/24 18:38	1868-53-7	
Toluene-d8 (S)	97	%	65-148		1		06/13/24 18:38	2037-26-5	
4-Bromofluorobenzene (S)	94	%	63-132		1		06/13/24 18:38	460-00-4	
<b>Percent Moisture</b>									
Analytical Method: SM 2540G									
Pace Analytical Services - Indianapolis									
Percent Moisture	<b>6.6</b>	%	0.10	0.10	1		06/18/24 13:57		N2

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## ANALYTICAL RESULTS

Project: Genesis Convention Center

Pace Project No.: 50375189

Sample: SB-7 (12-14) Lab ID: 50375189014 Collected: 06/04/24 14:52 Received: 06/06/24 13:02 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
<b>6010 MET ICP</b>									
Analytical Method: EPA 6010 Preparation Method: EPA 3050									
Pace Analytical Services - Indianapolis									
Lead	2.3	mg/kg	0.92	0.22	1	06/18/24 00:04	06/18/24 11:48	7439-92-1	
<b>8270 PAH Soil by SIM</b>									
Analytical Method: EPA 8270 by SIM Preparation Method: EPA 3546									
Pace Analytical Services - Indianapolis									
Acenaphthene	ND	mg/kg	0.0051	0.0021	1	06/14/24 22:02	06/17/24 20:43	83-32-9	
Acenaphthylene	ND	mg/kg	0.0051	0.0019	1	06/14/24 22:02	06/17/24 20:43	208-96-8	
Anthracene	ND	mg/kg	0.0051	0.0026	1	06/14/24 22:02	06/17/24 20:43	120-12-7	
Benzo(a)anthracene	ND	mg/kg	0.0051	0.0015	1	06/14/24 22:02	06/17/24 20:43	56-55-3	
Benzo(a)pyrene	ND	mg/kg	0.0051	0.0031	1	06/14/24 22:02	06/17/24 20:43	50-32-8	
Benzo(b)fluoranthene	ND	mg/kg	0.0051	0.0028	1	06/14/24 22:02	06/17/24 20:43	205-99-2	
Benzo(g,h,i)perylene	ND	mg/kg	0.0051	0.0031	1	06/14/24 22:02	06/17/24 20:43	191-24-2	
Benzo(k)fluoranthene	ND	mg/kg	0.0051	0.0024	1	06/14/24 22:02	06/17/24 20:43	207-08-9	
Chrysene	ND	mg/kg	0.0051	0.0035	1	06/14/24 22:02	06/17/24 20:43	218-01-9	
Dibenz(a,h)anthracene	ND	mg/kg	0.0051	0.0025	1	06/14/24 22:02	06/17/24 20:43	53-70-3	
Fluoranthene	ND	mg/kg	0.0051	0.0036	1	06/14/24 22:02	06/17/24 20:43	206-44-0	
Fluorene	ND	mg/kg	0.0051	0.0020	1	06/14/24 22:02	06/17/24 20:43	86-73-7	
Indeno(1,2,3-cd)pyrene	ND	mg/kg	0.0051	0.0026	1	06/14/24 22:02	06/17/24 20:43	193-39-5	
1-Methylnaphthalene	ND	mg/kg	0.0051	0.0021	1	06/14/24 22:02	06/17/24 20:43	90-12-0	
2-Methylnaphthalene	ND	mg/kg	0.0051	0.0048	1	06/14/24 22:02	06/17/24 20:43	91-57-6	
Naphthalene	ND	mg/kg	0.0051	0.0047	1	06/14/24 22:02	06/17/24 20:43	91-20-3	
Phenanthrene	ND	mg/kg	0.0051	0.0037	1	06/14/24 22:02	06/17/24 20:43	85-01-8	
Pyrene	ND	mg/kg	0.0051	0.0035	1	06/14/24 22:02	06/17/24 20:43	129-00-0	
<b>Surrogates</b>									
2-Fluorobiphenyl (S)	68	%	16-93		1	06/14/24 22:02	06/17/24 20:43	321-60-8	
p-Terphenyl-d14 (S)	85	%	19-115		1	06/14/24 22:02	06/17/24 20:43	1718-51-0	
<b>8260 MSV 5035A VOA</b>									
Analytical Method: EPA 8260									
Pace Analytical Services - Indianapolis									
Acetone	ND	mg/kg	0.12	0.025	1		06/13/24 19:08	67-64-1	
Acrolein	ND	mg/kg	0.12	0.023	1		06/13/24 19:08	107-02-8	
Acrylonitrile	ND	mg/kg	0.12	0.0046	1		06/13/24 19:08	107-13-1	
Benzene	ND	mg/kg	0.0061	0.00070	1		06/13/24 19:08	71-43-2	
Bromobenzene	ND	mg/kg	0.0061	0.00085	1		06/13/24 19:08	108-86-1	
Bromochloromethane	ND	mg/kg	0.0061	0.00096	1		06/13/24 19:08	74-97-5	
Bromodichloromethane	ND	mg/kg	0.0061	0.00076	1		06/13/24 19:08	75-27-4	
Bromoform	ND	mg/kg	0.0061	0.00081	1		06/13/24 19:08	75-25-2	
Bromomethane	ND	mg/kg	0.0061	0.00077	1		06/13/24 19:08	74-83-9	
2-Butanone (MEK)	ND	mg/kg	0.030	0.015	1		06/13/24 19:08	78-93-3	
n-Butylbenzene	ND	mg/kg	0.0061	0.00076	1		06/13/24 19:08	104-51-8	
sec-Butylbenzene	ND	mg/kg	0.0061	0.00076	1		06/13/24 19:08	135-98-8	
tert-Butylbenzene	ND	mg/kg	0.0061	0.00076	1		06/13/24 19:08	98-06-6	
Carbon disulfide	ND	mg/kg	0.012	0.00085	1		06/13/24 19:08	75-15-0	
Carbon tetrachloride	ND	mg/kg	0.0061	0.0031	1		06/13/24 19:08	56-23-5	
Chlorobenzene	ND	mg/kg	0.0061	0.00081	1		06/13/24 19:08	108-90-7	

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## ANALYTICAL RESULTS

Project: Genesis Convention Center

Pace Project No.: 50375189

Sample: SB-7 (12-14) Lab ID: 50375189014 Collected: 06/04/24 14:52 Received: 06/06/24 13:02 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV 5035A VOA</b>		Analytical Method: EPA 8260 Pace Analytical Services - Indianapolis							
Chloroethane	ND	mg/kg	0.0061	0.0012	1		06/13/24 19:08	75-00-3	
Chloroform	ND	mg/kg	0.0061	0.0028	1		06/13/24 19:08	67-66-3	
Chloromethane	ND	mg/kg	0.0061	0.00071	1		06/13/24 19:08	74-87-3	
2-Chlorotoluene	ND	mg/kg	0.0061	0.00083	1		06/13/24 19:08	95-49-8	
4-Chlorotoluene	ND	mg/kg	0.0061	0.00081	1		06/13/24 19:08	106-43-4	
Dibromochloromethane	ND	mg/kg	0.0061	0.00084	1		06/13/24 19:08	124-48-1	
1,2-Dibromoethane (EDB)	ND	mg/kg	0.0061	0.00084	1		06/13/24 19:08	106-93-4	
Dibromomethane	ND	mg/kg	0.0061	0.0015	1		06/13/24 19:08	74-95-3	
1,2-Dichlorobenzene	ND	mg/kg	0.0061	0.00082	1		06/13/24 19:08	95-50-1	
1,3-Dichlorobenzene	ND	mg/kg	0.0061	0.00082	1		06/13/24 19:08	541-73-1	
1,4-Dichlorobenzene	ND	mg/kg	0.0061	0.00079	1		06/13/24 19:08	106-46-7	
trans-1,4-Dichloro-2-butene	ND	mg/kg	0.12	0.0016	1		06/13/24 19:08	110-57-6	
Dichlorodifluoromethane	ND	mg/kg	0.0061	0.0031	1		06/13/24 19:08	75-71-8	
1,1-Dichloroethane	ND	mg/kg	0.0061	0.00074	1		06/13/24 19:08	75-34-3	
1,2-Dichloroethane	ND	mg/kg	0.0061	0.0013	1		06/13/24 19:08	107-06-2	
1,1-Dichloroethene	ND	mg/kg	0.0061	0.00093	1		06/13/24 19:08	75-35-4	
cis-1,2-Dichloroethene	ND	mg/kg	0.0061	0.00083	1		06/13/24 19:08	156-59-2	
trans-1,2-Dichloroethene	ND	mg/kg	0.0061	0.00081	1		06/13/24 19:08	156-60-5	
1,2-Dichloropropane	ND	mg/kg	0.0061	0.00086	1		06/13/24 19:08	78-87-5	
1,3-Dichloropropane	ND	mg/kg	0.0061	0.00085	1		06/13/24 19:08	142-28-9	
2,2-Dichloropropane	ND	mg/kg	0.0061	0.00078	1		06/13/24 19:08	594-20-7	
1,1-Dichloropropene	ND	mg/kg	0.0061	0.0018	1		06/13/24 19:08	563-58-6	
cis-1,3-Dichloropropene	ND	mg/kg	0.0061	0.00076	1		06/13/24 19:08	10061-01-5	
trans-1,3-Dichloropropene	ND	mg/kg	0.0061	0.0016	1		06/13/24 19:08	10061-02-6	
Ethylbenzene	ND	mg/kg	0.0061	0.00078	1		06/13/24 19:08	100-41-4	
Ethyl methacrylate	ND	mg/kg	0.12	0.00081	1		06/13/24 19:08	97-63-2	
Hexachloro-1,3-butadiene	ND	mg/kg	0.0061	0.00083	1		06/13/24 19:08	87-68-3	
n-Hexane	ND	mg/kg	0.0061	0.0043	1		06/13/24 19:08	110-54-3	
2-Hexanone	ND	mg/kg	0.12	0.011	1		06/13/24 19:08	591-78-6	
Iodomethane	ND	mg/kg	0.12	0.0035	1		06/13/24 19:08	74-88-4	
Isopropylbenzene (Cumene)	ND	mg/kg	0.0061	0.0020	1		06/13/24 19:08	98-82-8	
p-Isopropyltoluene	ND	mg/kg	0.0061	0.00076	1		06/13/24 19:08	99-87-6	
Methylene Chloride	ND	mg/kg	0.024	0.011	1		06/13/24 19:08	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	mg/kg	0.030	0.0045	1		06/13/24 19:08	108-10-1	
Methyl-tert-butyl ether	ND	mg/kg	0.0061	0.00071	1		06/13/24 19:08	1634-04-4	
Naphthalene	ND	mg/kg	0.0061	0.00092	1		06/13/24 19:08	91-20-3	
n-Propylbenzene	ND	mg/kg	0.0061	0.00074	1		06/13/24 19:08	103-65-1	
Styrene	ND	mg/kg	0.0061	0.0044	1		06/13/24 19:08	100-42-5	
1,1,1,2-Tetrachloroethane	ND	mg/kg	0.0061	0.00083	1		06/13/24 19:08	630-20-6	
1,1,2,2-Tetrachloroethane	ND	mg/kg	0.0061	0.00091	1		06/13/24 19:08	79-34-5	
Tetrachloroethene	ND	mg/kg	0.0061	0.00076	1		06/13/24 19:08	127-18-4	
Toluene	ND	mg/kg	0.0061	0.0015	1		06/13/24 19:08	108-88-3	
1,2,3-Trichlorobenzene	ND	mg/kg	0.0061	0.00088	1		06/13/24 19:08	87-61-6	
1,2,4-Trichlorobenzene	ND	mg/kg	0.0061	0.00088	1		06/13/24 19:08	120-82-1	

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### ANALYTICAL RESULTS

Project: Genesis Convention Center

Pace Project No.: 50375189

Sample: **SB-7 (12-14)** Lab ID: **50375189014** Collected: 06/04/24 14:52 Received: 06/06/24 13:02 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV 5035A VOA</b>									
Analytical Method: EPA 8260									
Pace Analytical Services - Indianapolis									
1,1,1-Trichloroethane	ND	mg/kg	0.0061	0.00089	1		06/13/24 19:08	71-55-6	
1,1,2-Trichloroethane	ND	mg/kg	0.0061	0.00090	1		06/13/24 19:08	79-00-5	
Trichloroethene	ND	mg/kg	0.0061	0.00085	1		06/13/24 19:08	79-01-6	
Trichlorofluoromethane	ND	mg/kg	0.0061	0.0034	1		06/13/24 19:08	75-69-4	
1,2,3-Trichloropropane	ND	mg/kg	0.0061	0.0017	1		06/13/24 19:08	96-18-4	
1,2,4-Trimethylbenzene	ND	mg/kg	0.0061	0.00080	1		06/13/24 19:08	95-63-6	
1,3,5-Trimethylbenzene	ND	mg/kg	0.0061	0.0040	1		06/13/24 19:08	108-67-8	
Vinyl acetate	ND	mg/kg	0.12	0.0023	1		06/13/24 19:08	108-05-4	
Vinyl chloride	ND	mg/kg	0.0061	0.00066	1		06/13/24 19:08	75-01-4	
Xylene (Total)	ND	mg/kg	0.012	0.0016	1		06/13/24 19:08	1330-20-7	
<b>Surrogates</b>									
Dibromofluoromethane (S)	107	%	75-135		1		06/13/24 19:08	1868-53-7	
Toluene-d8 (S)	95	%	65-148		1		06/13/24 19:08	2037-26-5	
4-Bromofluorobenzene (S)	94	%	63-132		1		06/13/24 19:08	460-00-4	
<b>Percent Moisture</b>									
Analytical Method: SM 2540G									
Pace Analytical Services - Indianapolis									
Percent Moisture	<b>4.8</b>	%	0.10	0.10	1		06/18/24 13:57		N2

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## ANALYTICAL RESULTS

Project: Genesis Convention Center

Pace Project No.: 50375189

Sample: SB-8 (1-3) Lab ID: 50375189015 Collected: 06/04/24 15:19 Received: 06/06/24 13:02 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
<b>6010 MET ICP</b>									
Analytical Method: EPA 6010 Preparation Method: EPA 3050									
Pace Analytical Services - Indianapolis									
Lead	9.7	mg/kg	0.94	0.22	1	06/18/24 00:04	06/18/24 11:50	7439-92-1	
<b>8270 PAH Soil by SIM</b>									
Analytical Method: EPA 8270 by SIM Preparation Method: EPA 3546									
Pace Analytical Services - Indianapolis									
Acenaphthene	ND	mg/kg	0.0050	0.0020	1	06/14/24 22:02	06/17/24 20:56	83-32-9	
Acenaphthylene	0.0080	mg/kg	0.0050	0.0019	1	06/14/24 22:02	06/17/24 20:56	208-96-8	
Anthracene	0.017	mg/kg	0.0050	0.0025	1	06/14/24 22:02	06/17/24 20:56	120-12-7	
Benzo(a)anthracene	0.11	mg/kg	0.0050	0.0014	1	06/14/24 22:02	06/17/24 20:56	56-55-3	
Benzo(a)pyrene	0.15	mg/kg	0.0050	0.0030	1	06/14/24 22:02	06/17/24 20:56	50-32-8	
Benzo(b)fluoranthene	0.21	mg/kg	0.0050	0.0028	1	06/14/24 22:02	06/17/24 20:56	205-99-2	
Benzo(g,h,i)perylene	0.11	mg/kg	0.0050	0.0030	1	06/14/24 22:02	06/17/24 20:56	191-24-2	
Benzo(k)fluoranthene	0.058	mg/kg	0.0050	0.0023	1	06/14/24 22:02	06/17/24 20:56	207-08-9	
Chrysene	0.12	mg/kg	0.0050	0.0035	1	06/14/24 22:02	06/17/24 20:56	218-01-9	
Dibenz(a,h)anthracene	0.030	mg/kg	0.0050	0.0025	1	06/14/24 22:02	06/17/24 20:56	53-70-3	
Fluoranthene	0.17	mg/kg	0.0050	0.0035	1	06/14/24 22:02	06/17/24 20:56	206-44-0	
Fluorene	ND	mg/kg	0.0050	0.0020	1	06/14/24 22:02	06/17/24 20:56	86-73-7	
Indeno(1,2,3-cd)pyrene	0.094	mg/kg	0.0050	0.0026	1	06/14/24 22:02	06/17/24 20:56	193-39-5	
1-Methylnaphthalene	ND	mg/kg	0.0050	0.0020	1	06/14/24 22:02	06/17/24 20:56	90-12-0	
2-Methylnaphthalene	ND	mg/kg	0.0050	0.0047	1	06/14/24 22:02	06/17/24 20:56	91-57-6	
Naphthalene	ND	mg/kg	0.0050	0.0046	1	06/14/24 22:02	06/17/24 20:56	91-20-3	
Phenanthrene	0.050	mg/kg	0.0050	0.0036	1	06/14/24 22:02	06/17/24 20:56	85-01-8	
Pyrene	0.18	mg/kg	0.0050	0.0035	1	06/14/24 22:02	06/17/24 20:56	129-00-0	
<b>Surrogates</b>									
2-Fluorobiphenyl (S)	68	%	16-93		1	06/14/24 22:02	06/17/24 20:56	321-60-8	
p-Terphenyl-d14 (S)	85	%	19-115		1	06/14/24 22:02	06/17/24 20:56	1718-51-0	
<b>8260 MSV 5035A VOA</b>									
Analytical Method: EPA 8260									
Pace Analytical Services - Indianapolis									
Acetone	ND	mg/kg	0.12	0.013	1		06/13/24 15:26	67-64-1	
Acrolein	ND	mg/kg	0.12	0.023	1		06/13/24 15:26	107-02-8	
Acrylonitrile	ND	mg/kg	0.12	0.0035	1		06/13/24 15:26	107-13-1	
Benzene	ND	mg/kg	0.0058	0.00064	1		06/13/24 15:26	71-43-2	
Bromobenzene	ND	mg/kg	0.0058	0.00076	1		06/13/24 15:26	108-86-1	
Bromochloromethane	ND	mg/kg	0.0058	0.00088	1		06/13/24 15:26	74-97-5	
Bromodichloromethane	ND	mg/kg	0.0058	0.00073	1		06/13/24 15:26	75-27-4	
Bromoform	ND	mg/kg	0.0058	0.00079	1		06/13/24 15:26	75-25-2	
Bromomethane	ND	mg/kg	0.0058	0.00095	1		06/13/24 15:26	74-83-9	
2-Butanone (MEK)	ND	mg/kg	0.029	0.020	1		06/13/24 15:26	78-93-3	
n-Butylbenzene	ND	mg/kg	0.0058	0.00064	1		06/13/24 15:26	104-51-8	
sec-Butylbenzene	ND	mg/kg	0.0058	0.00064	1		06/13/24 15:26	135-98-8	
tert-Butylbenzene	ND	mg/kg	0.0058	0.00072	1		06/13/24 15:26	98-06-6	
Carbon disulfide	ND	mg/kg	0.012	0.00081	1		06/13/24 15:26	75-15-0	
Carbon tetrachloride	ND	mg/kg	0.0058	0.00070	1		06/13/24 15:26	56-23-5	
Chlorobenzene	ND	mg/kg	0.0058	0.00074	1		06/13/24 15:26	108-90-7	

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## ANALYTICAL RESULTS

Project: Genesis Convention Center

Pace Project No.: 50375189

Sample: SB-8 (1-3) Lab ID: 50375189015 Collected: 06/04/24 15:19 Received: 06/06/24 13:02 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV 5035A VOA</b>		Analytical Method: EPA 8260 Pace Analytical Services - Indianapolis							
Chloroethane	ND	mg/kg	0.0058	0.0013	1		06/13/24 15:26	75-00-3	
Chloroform	ND	mg/kg	0.0058	0.0019	1		06/13/24 15:26	67-66-3	
Chloromethane	ND	mg/kg	0.0058	0.00084	1		06/13/24 15:26	74-87-3	
2-Chlorotoluene	ND	mg/kg	0.0058	0.00075	1		06/13/24 15:26	95-49-8	
4-Chlorotoluene	ND	mg/kg	0.0058	0.00073	1		06/13/24 15:26	106-43-4	
Dibromochloromethane	ND	mg/kg	0.0058	0.00071	1		06/13/24 15:26	124-48-1	
1,2-Dibromoethane (EDB)	ND	mg/kg	0.0058	0.00081	1		06/13/24 15:26	106-93-4	
Dibromomethane	ND	mg/kg	0.0058	0.00077	1		06/13/24 15:26	74-95-3	
1,2-Dichlorobenzene	ND	mg/kg	0.0058	0.00076	1		06/13/24 15:26	95-50-1	
1,3-Dichlorobenzene	ND	mg/kg	0.0058	0.00075	1		06/13/24 15:26	541-73-1	
1,4-Dichlorobenzene	ND	mg/kg	0.0058	0.00074	1		06/13/24 15:26	106-46-7	
trans-1,4-Dichloro-2-butene	ND	mg/kg	0.12	0.0015	1		06/13/24 15:26	110-57-6	
Dichlorodifluoromethane	ND	mg/kg	0.0058	0.0027	1		06/13/24 15:26	75-71-8	
1,1-Dichloroethane	ND	mg/kg	0.0058	0.00065	1		06/13/24 15:26	75-34-3	
1,2-Dichloroethane	ND	mg/kg	0.0058	0.00073	1		06/13/24 15:26	107-06-2	
1,1-Dichloroethene	ND	mg/kg	0.0058	0.00075	1		06/13/24 15:26	75-35-4	
cis-1,2-Dichloroethene	ND	mg/kg	0.0058	0.00073	1		06/13/24 15:26	156-59-2	
trans-1,2-Dichloroethene	ND	mg/kg	0.0058	0.00073	1		06/13/24 15:26	156-60-5	
1,2-Dichloropropane	ND	mg/kg	0.0058	0.00078	1		06/13/24 15:26	78-87-5	
1,3-Dichloropropane	ND	mg/kg	0.0058	0.00080	1		06/13/24 15:26	142-28-9	
2,2-Dichloropropane	ND	mg/kg	0.0058	0.0020	1		06/13/24 15:26	594-20-7	
1,1-Dichloropropene	ND	mg/kg	0.0058	0.00075	1		06/13/24 15:26	563-58-6	
cis-1,3-Dichloropropene	ND	mg/kg	0.0058	0.00071	1		06/13/24 15:26	10061-01-5	
trans-1,3-Dichloropropene	ND	mg/kg	0.0058	0.00077	1		06/13/24 15:26	10061-02-6	
Ethylbenzene	ND	mg/kg	0.0058	0.00075	1		06/13/24 15:26	100-41-4	
Ethyl methacrylate	ND	mg/kg	0.12	0.00077	1		06/13/24 15:26	97-63-2	
Hexachloro-1,3-butadiene	ND	mg/kg	0.0058	0.00067	1		06/13/24 15:26	87-68-3	
n-Hexane	ND	mg/kg	0.0058	0.0037	1		06/13/24 15:26	110-54-3	
2-Hexanone	ND	mg/kg	0.12	0.0045	1		06/13/24 15:26	591-78-6	L2
Iodomethane	ND	mg/kg	0.12	0.0036	1		06/13/24 15:26	74-88-4	
Isopropylbenzene (Cumene)	ND	mg/kg	0.0058	0.0018	1		06/13/24 15:26	98-82-8	
p-Isopropyltoluene	ND	mg/kg	0.0058	0.00067	1		06/13/24 15:26	99-87-6	
Methylene Chloride	ND	mg/kg	0.023	0.0093	1		06/13/24 15:26	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	mg/kg	0.029	0.0042	1		06/13/24 15:26	108-10-1	L2
Methyl-tert-butyl ether	ND	mg/kg	0.0058	0.00070	1		06/13/24 15:26	1634-04-4	
Naphthalene	ND	mg/kg	0.0058	0.00081	1		06/13/24 15:26	91-20-3	
n-Propylbenzene	ND	mg/kg	0.0058	0.00070	1		06/13/24 15:26	103-65-1	
Styrene	ND	mg/kg	0.0058	0.00076	1		06/13/24 15:26	100-42-5	
1,1,1,2-Tetrachloroethane	ND	mg/kg	0.0058	0.00079	1		06/13/24 15:26	630-20-6	
1,1,1,2,2-Tetrachloroethane	ND	mg/kg	0.0058	0.00083	1		06/13/24 15:26	79-34-5	
Tetrachloroethene	ND	mg/kg	0.0058	0.00070	1		06/13/24 15:26	127-18-4	
Toluene	ND	mg/kg	0.0058	0.0015	1		06/13/24 15:26	108-88-3	
1,2,3-Trichlorobenzene	ND	mg/kg	0.0058	0.00070	1		06/13/24 15:26	87-61-6	
1,2,4-Trichlorobenzene	ND	mg/kg	0.0058	0.00074	1		06/13/24 15:26	120-82-1	

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**ANALYTICAL RESULTS**

Project: Genesis Convention Center

Pace Project No.: 50375189

**Sample: SB-8 (1-3)**      **Lab ID: 50375189015**      Collected: 06/04/24 15:19      Received: 06/06/24 13:02      Matrix: Solid

*Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.*

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV 5035A VOA</b>									
Analytical Method: EPA 8260									
Pace Analytical Services - Indianapolis									
1,1,1-Trichloroethane	ND	mg/kg	0.0058	0.00070	1		06/13/24 15:26	71-55-6	
1,1,2-Trichloroethane	ND	mg/kg	0.0058	0.00081	1		06/13/24 15:26	79-00-5	
Trichloroethene	ND	mg/kg	0.0058	0.00071	1		06/13/24 15:26	79-01-6	
Trichlorofluoromethane	ND	mg/kg	0.0058	0.0023	1		06/13/24 15:26	75-69-4	
1,2,3-Trichloropropane	ND	mg/kg	0.0058	0.0017	1		06/13/24 15:26	96-18-4	
1,2,4-Trimethylbenzene	ND	mg/kg	0.0058	0.00078	1		06/13/24 15:26	95-63-6	
1,3,5-Trimethylbenzene	ND	mg/kg	0.0058	0.00072	1		06/13/24 15:26	108-67-8	
Vinyl acetate	ND	mg/kg	0.12	0.0022	1		06/13/24 15:26	108-05-4	
Vinyl chloride	ND	mg/kg	0.0058	0.00091	1		06/13/24 15:26	75-01-4	
Xylene (Total)	ND	mg/kg	0.012	0.0021	1		06/13/24 15:26	1330-20-7	
<b>Surrogates</b>									
Dibromofluoromethane (S)	105	%	75-135		1		06/13/24 15:26	1868-53-7	
Toluene-d8 (S)	98	%	65-148		1		06/13/24 15:26	2037-26-5	
4-Bromofluorobenzene (S)	94	%	63-132		1		06/13/24 15:26	460-00-4	
<b>Percent Moisture</b>									
Analytical Method: SM 2540G									
Pace Analytical Services - Indianapolis									
Percent Moisture	<b>3.4</b>	%	0.10	0.10	1		06/18/24 13:57		N2

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## ANALYTICAL RESULTS

Project: Genesis Convention Center

Pace Project No.: 50375189

Sample: SB-8 (12-14) Lab ID: 50375189016 Collected: 06/04/24 15:28 Received: 06/06/24 13:02 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
<b>6010 MET ICP</b>									
Analytical Method: EPA 6010 Preparation Method: EPA 3050									
Pace Analytical Services - Indianapolis									
Lead	1.5	mg/kg	0.98	0.23	1	06/18/24 00:04	06/18/24 11:55	7439-92-1	
<b>8270 PAH Soil by SIM</b>									
Analytical Method: EPA 8270 by SIM Preparation Method: EPA 3546									
Pace Analytical Services - Indianapolis									
Acenaphthene	ND	mg/kg	0.0055	0.0022	1	06/14/24 22:02	06/17/24 21:10	83-32-9	
Acenaphthylene	ND	mg/kg	0.0055	0.0021	1	06/14/24 22:02	06/17/24 21:10	208-96-8	
Anthracene	ND	mg/kg	0.0055	0.0028	1	06/14/24 22:02	06/17/24 21:10	120-12-7	
Benzo(a)anthracene	ND	mg/kg	0.0055	0.0016	1	06/14/24 22:02	06/17/24 21:10	56-55-3	
Benzo(a)pyrene	ND	mg/kg	0.0055	0.0033	1	06/14/24 22:02	06/17/24 21:10	50-32-8	
Benzo(b)fluoranthene	ND	mg/kg	0.0055	0.0030	1	06/14/24 22:02	06/17/24 21:10	205-99-2	
Benzo(g,h,i)perylene	ND	mg/kg	0.0055	0.0033	1	06/14/24 22:02	06/17/24 21:10	191-24-2	
Benzo(k)fluoranthene	ND	mg/kg	0.0055	0.0026	1	06/14/24 22:02	06/17/24 21:10	207-08-9	
Chrysene	ND	mg/kg	0.0055	0.0038	1	06/14/24 22:02	06/17/24 21:10	218-01-9	
Dibenz(a,h)anthracene	ND	mg/kg	0.0055	0.0027	1	06/14/24 22:02	06/17/24 21:10	53-70-3	
Fluoranthene	ND	mg/kg	0.0055	0.0038	1	06/14/24 22:02	06/17/24 21:10	206-44-0	
Fluorene	ND	mg/kg	0.0055	0.0022	1	06/14/24 22:02	06/17/24 21:10	86-73-7	
Indeno(1,2,3-cd)pyrene	ND	mg/kg	0.0055	0.0028	1	06/14/24 22:02	06/17/24 21:10	193-39-5	
1-Methylnaphthalene	ND	mg/kg	0.0055	0.0022	1	06/14/24 22:02	06/17/24 21:10	90-12-0	
2-Methylnaphthalene	ND	mg/kg	0.0055	0.0052	1	06/14/24 22:02	06/17/24 21:10	91-57-6	
Naphthalene	ND	mg/kg	0.0055	0.0051	1	06/14/24 22:02	06/17/24 21:10	91-20-3	
Phenanthrene	ND	mg/kg	0.0055	0.0040	1	06/14/24 22:02	06/17/24 21:10	85-01-8	
Pyrene	ND	mg/kg	0.0055	0.0038	1	06/14/24 22:02	06/17/24 21:10	129-00-0	
<b>Surrogates</b>									
2-Fluorobiphenyl (S)	67	%	16-93		1	06/14/24 22:02	06/17/24 21:10	321-60-8	
p-Terphenyl-d14 (S)	77	%	19-115		1	06/14/24 22:02	06/17/24 21:10	1718-51-0	
<b>8260 MSV 5035A VOA</b>									
Analytical Method: EPA 8260									
Pace Analytical Services - Indianapolis									
Acetone	ND	mg/kg	0.11	0.012	1		06/13/24 15:55	67-64-1	
Acrolein	ND	mg/kg	0.11	0.022	1		06/13/24 15:55	107-02-8	
Acrylonitrile	ND	mg/kg	0.11	0.0034	1		06/13/24 15:55	107-13-1	
Benzene	ND	mg/kg	0.0055	0.00062	1		06/13/24 15:55	71-43-2	
Bromobenzene	ND	mg/kg	0.0055	0.00073	1		06/13/24 15:55	108-86-1	
Bromochloromethane	ND	mg/kg	0.0055	0.00085	1		06/13/24 15:55	74-97-5	
Bromodichloromethane	ND	mg/kg	0.0055	0.00071	1		06/13/24 15:55	75-27-4	
Bromoform	ND	mg/kg	0.0055	0.00076	1		06/13/24 15:55	75-25-2	
Bromomethane	ND	mg/kg	0.0055	0.00091	1		06/13/24 15:55	74-83-9	
2-Butanone (MEK)	ND	mg/kg	0.028	0.019	1		06/13/24 15:55	78-93-3	
n-Butylbenzene	ND	mg/kg	0.0055	0.00061	1		06/13/24 15:55	104-51-8	
sec-Butylbenzene	ND	mg/kg	0.0055	0.00061	1		06/13/24 15:55	135-98-8	
tert-Butylbenzene	ND	mg/kg	0.0055	0.00069	1		06/13/24 15:55	98-06-6	
Carbon disulfide	ND	mg/kg	0.011	0.00078	1		06/13/24 15:55	75-15-0	
Carbon tetrachloride	ND	mg/kg	0.0055	0.00067	1		06/13/24 15:55	56-23-5	
Chlorobenzene	ND	mg/kg	0.0055	0.00071	1		06/13/24 15:55	108-90-7	

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## ANALYTICAL RESULTS

Project: Genesis Convention Center

Pace Project No.: 50375189

Sample: SB-8 (12-14) Lab ID: 50375189016 Collected: 06/04/24 15:28 Received: 06/06/24 13:02 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV 5035A VOA</b>		Analytical Method: EPA 8260 Pace Analytical Services - Indianapolis							
Chloroethane	ND	mg/kg	0.0055	0.0013	1		06/13/24 15:55	75-00-3	
Chloroform	ND	mg/kg	0.0055	0.0019	1		06/13/24 15:55	67-66-3	
Chloromethane	ND	mg/kg	0.0055	0.00081	1		06/13/24 15:55	74-87-3	
2-Chlorotoluene	ND	mg/kg	0.0055	0.00072	1		06/13/24 15:55	95-49-8	
4-Chlorotoluene	ND	mg/kg	0.0055	0.00071	1		06/13/24 15:55	106-43-4	
Dibromochloromethane	ND	mg/kg	0.0055	0.00069	1		06/13/24 15:55	124-48-1	
1,2-Dibromoethane (EDB)	ND	mg/kg	0.0055	0.00078	1		06/13/24 15:55	106-93-4	
Dibromomethane	ND	mg/kg	0.0055	0.00074	1		06/13/24 15:55	74-95-3	
1,2-Dichlorobenzene	ND	mg/kg	0.0055	0.00073	1		06/13/24 15:55	95-50-1	
1,3-Dichlorobenzene	ND	mg/kg	0.0055	0.00072	1		06/13/24 15:55	541-73-1	
1,4-Dichlorobenzene	ND	mg/kg	0.0055	0.00071	1		06/13/24 15:55	106-46-7	
trans-1,4-Dichloro-2-butene	ND	mg/kg	0.11	0.0014	1		06/13/24 15:55	110-57-6	
Dichlorodifluoromethane	ND	mg/kg	0.0055	0.0026	1		06/13/24 15:55	75-71-8	
1,1-Dichloroethane	ND	mg/kg	0.0055	0.00063	1		06/13/24 15:55	75-34-3	
1,2-Dichloroethane	ND	mg/kg	0.0055	0.00070	1		06/13/24 15:55	107-06-2	
1,1-Dichloroethene	ND	mg/kg	0.0055	0.00072	1		06/13/24 15:55	75-35-4	
cis-1,2-Dichloroethene	ND	mg/kg	0.0055	0.00070	1		06/13/24 15:55	156-59-2	
trans-1,2-Dichloroethene	ND	mg/kg	0.0055	0.00071	1		06/13/24 15:55	156-60-5	
1,2-Dichloropropane	ND	mg/kg	0.0055	0.00075	1		06/13/24 15:55	78-87-5	
1,3-Dichloropropane	ND	mg/kg	0.0055	0.00077	1		06/13/24 15:55	142-28-9	
2,2-Dichloropropane	ND	mg/kg	0.0055	0.0019	1		06/13/24 15:55	594-20-7	
1,1-Dichloropropene	ND	mg/kg	0.0055	0.00072	1		06/13/24 15:55	563-58-6	
cis-1,3-Dichloropropene	ND	mg/kg	0.0055	0.00068	1		06/13/24 15:55	10061-01-5	
trans-1,3-Dichloropropene	ND	mg/kg	0.0055	0.00074	1		06/13/24 15:55	10061-02-6	
Ethylbenzene	ND	mg/kg	0.0055	0.00072	1		06/13/24 15:55	100-41-4	
Ethyl methacrylate	ND	mg/kg	0.11	0.00074	1		06/13/24 15:55	97-63-2	
Hexachloro-1,3-butadiene	ND	mg/kg	0.0055	0.00064	1		06/13/24 15:55	87-68-3	
n-Hexane	ND	mg/kg	0.0055	0.0035	1		06/13/24 15:55	110-54-3	
2-Hexanone	ND	mg/kg	0.11	0.0044	1		06/13/24 15:55	591-78-6	L2
Iodomethane	ND	mg/kg	0.11	0.0034	1		06/13/24 15:55	74-88-4	
Isopropylbenzene (Cumene)	ND	mg/kg	0.0055	0.0017	1		06/13/24 15:55	98-82-8	
p-Isopropyltoluene	ND	mg/kg	0.0055	0.00065	1		06/13/24 15:55	99-87-6	
Methylene Chloride	ND	mg/kg	0.022	0.0089	1		06/13/24 15:55	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	mg/kg	0.028	0.0040	1		06/13/24 15:55	108-10-1	L2
Methyl-tert-butyl ether	ND	mg/kg	0.0055	0.00068	1		06/13/24 15:55	1634-04-4	
Naphthalene	ND	mg/kg	0.0055	0.00078	1		06/13/24 15:55	91-20-3	
n-Propylbenzene	ND	mg/kg	0.0055	0.00067	1		06/13/24 15:55	103-65-1	
Styrene	ND	mg/kg	0.0055	0.00073	1		06/13/24 15:55	100-42-5	
1,1,1,2-Tetrachloroethane	ND	mg/kg	0.0055	0.00076	1		06/13/24 15:55	630-20-6	
1,1,1,2,2-Tetrachloroethane	ND	mg/kg	0.0055	0.00080	1		06/13/24 15:55	79-34-5	
Tetrachloroethene	ND	mg/kg	0.0055	0.00067	1		06/13/24 15:55	127-18-4	
Toluene	ND	mg/kg	0.0055	0.0014	1		06/13/24 15:55	108-88-3	
1,2,3-Trichlorobenzene	ND	mg/kg	0.0055	0.00067	1		06/13/24 15:55	87-61-6	
1,2,4-Trichlorobenzene	ND	mg/kg	0.0055	0.00071	1		06/13/24 15:55	120-82-1	

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### ANALYTICAL RESULTS

Project: Genesis Convention Center

Pace Project No.: 50375189

Sample: SB-8 (12-14) Lab ID: 50375189016 Collected: 06/04/24 15:28 Received: 06/06/24 13:02 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV 5035A VOA</b>									
Analytical Method: EPA 8260									
Pace Analytical Services - Indianapolis									
1,1,1-Trichloroethane	ND	mg/kg	0.0055	0.00067	1		06/13/24 15:55	71-55-6	
1,1,2-Trichloroethane	ND	mg/kg	0.0055	0.00078	1		06/13/24 15:55	79-00-5	
Trichloroethene	ND	mg/kg	0.0055	0.00068	1		06/13/24 15:55	79-01-6	
Trichlorofluoromethane	ND	mg/kg	0.0055	0.0023	1		06/13/24 15:55	75-69-4	
1,2,3-Trichloropropane	ND	mg/kg	0.0055	0.0016	1		06/13/24 15:55	96-18-4	
1,2,4-Trimethylbenzene	ND	mg/kg	0.0055	0.00075	1		06/13/24 15:55	95-63-6	
1,3,5-Trimethylbenzene	ND	mg/kg	0.0055	0.00070	1		06/13/24 15:55	108-67-8	
Vinyl acetate	ND	mg/kg	0.11	0.0021	1		06/13/24 15:55	108-05-4	
Vinyl chloride	ND	mg/kg	0.0055	0.00087	1		06/13/24 15:55	75-01-4	
Xylene (Total)	ND	mg/kg	0.011	0.0020	1		06/13/24 15:55	1330-20-7	
<b>Surrogates</b>									
Dibromofluoromethane (S)	103	%	75-135		1		06/13/24 15:55	1868-53-7	
Toluene-d8 (S)	97	%	65-148		1		06/13/24 15:55	2037-26-5	
4-Bromofluorobenzene (S)	96	%	63-132		1		06/13/24 15:55	460-00-4	
<b>Percent Moisture</b>									
Analytical Method: SM 2540G									
Pace Analytical Services - Indianapolis									
Percent Moisture	13.4	%	0.10	0.10	1		06/18/24 13:58		N2

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## ANALYTICAL RESULTS

Project: Genesis Convention Center

Pace Project No.: 50375189

Sample: SB-9 (1-3) Lab ID: 50375189017 Collected: 06/04/24 15:58 Received: 06/06/24 13:02 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
<b>6010 MET ICP</b>									
Analytical Method: EPA 6010 Preparation Method: EPA 3050									
Pace Analytical Services - Indianapolis									
Lead	20.0	mg/kg	0.99	0.23	1	06/18/24 00:04	06/18/24 11:57	7439-92-1	
<b>8270 PAH Soil by SIM</b>									
Analytical Method: EPA 8270 by SIM Preparation Method: EPA 3546									
Pace Analytical Services - Indianapolis									
Acenaphthene	ND	mg/kg	0.025	0.010	5	06/14/24 22:02	06/17/24 21:23	83-32-9	
Acenaphthylene	ND	mg/kg	0.025	0.0094	5	06/14/24 22:02	06/17/24 21:23	208-96-8	
Anthracene	0.028	mg/kg	0.025	0.013	5	06/14/24 22:02	06/17/24 21:23	120-12-7	
Benzo(a)anthracene	0.20	mg/kg	0.025	0.0071	5	06/14/24 22:02	06/17/24 21:23	56-55-3	
Benzo(a)pyrene	0.23	mg/kg	0.025	0.015	5	06/14/24 22:02	06/17/24 21:23	50-32-8	
Benzo(b)fluoranthene	0.27	mg/kg	0.025	0.014	5	06/14/24 22:02	06/17/24 21:23	205-99-2	
Benzo(g,h,i)perylene	0.15	mg/kg	0.025	0.015	5	06/14/24 22:02	06/17/24 21:23	191-24-2	
Benzo(k)fluoranthene	0.12	mg/kg	0.025	0.012	5	06/14/24 22:02	06/17/24 21:23	207-08-9	
Chrysene	0.21	mg/kg	0.025	0.017	5	06/14/24 22:02	06/17/24 21:23	218-01-9	
Dibenz(a,h)anthracene	0.041	mg/kg	0.025	0.012	5	06/14/24 22:02	06/17/24 21:23	53-70-3	
Fluoranthene	0.26	mg/kg	0.025	0.017	5	06/14/24 22:02	06/17/24 21:23	206-44-0	
Fluorene	ND	mg/kg	0.025	0.0099	5	06/14/24 22:02	06/17/24 21:23	86-73-7	
Indeno(1,2,3-cd)pyrene	0.13	mg/kg	0.025	0.013	5	06/14/24 22:02	06/17/24 21:23	193-39-5	
1-Methylnaphthalene	ND	mg/kg	0.025	0.010	5	06/14/24 22:02	06/17/24 21:23	90-12-0	
2-Methylnaphthalene	ND	mg/kg	0.025	0.024	5	06/14/24 22:02	06/17/24 21:23	91-57-6	
Naphthalene	ND	mg/kg	0.025	0.023	5	06/14/24 22:02	06/17/24 21:23	91-20-3	ED
Phenanthrene	0.076	mg/kg	0.025	0.018	5	06/14/24 22:02	06/17/24 21:23	85-01-8	
Pyrene	0.26	mg/kg	0.025	0.017	5	06/14/24 22:02	06/17/24 21:23	129-00-0	
<b>Surrogates</b>									
2-Fluorobiphenyl (S)	73	%	16-93		5	06/14/24 22:02	06/17/24 21:23	321-60-8	
p-Terphenyl-d14 (S)	89	%	19-115		5	06/14/24 22:02	06/17/24 21:23	1718-51-0	
<b>8260 MSV 5035A VOA</b>									
Analytical Method: EPA 8260									
Pace Analytical Services - Indianapolis									
Acetone	ND	mg/kg	0.12	0.013	1		06/13/24 16:25	67-64-1	
Acrolein	ND	mg/kg	0.12	0.024	1		06/13/24 16:25	107-02-8	
Acrylonitrile	ND	mg/kg	0.12	0.0037	1		06/13/24 16:25	107-13-1	
Benzene	ND	mg/kg	0.0060	0.00067	1		06/13/24 16:25	71-43-2	
Bromobenzene	ND	mg/kg	0.0060	0.00079	1		06/13/24 16:25	108-86-1	
Bromochloromethane	ND	mg/kg	0.0060	0.00092	1		06/13/24 16:25	74-97-5	
Bromodichloromethane	ND	mg/kg	0.0060	0.00077	1		06/13/24 16:25	75-27-4	
Bromoform	ND	mg/kg	0.0060	0.00082	1		06/13/24 16:25	75-25-2	
Bromomethane	ND	mg/kg	0.0060	0.00099	1		06/13/24 16:25	74-83-9	
2-Butanone (MEK)	ND	mg/kg	0.030	0.021	1		06/13/24 16:25	78-93-3	
n-Butylbenzene	ND	mg/kg	0.0060	0.00066	1		06/13/24 16:25	104-51-8	
sec-Butylbenzene	ND	mg/kg	0.0060	0.00067	1		06/13/24 16:25	135-98-8	
tert-Butylbenzene	ND	mg/kg	0.0060	0.00075	1		06/13/24 16:25	98-06-6	
Carbon disulfide	ND	mg/kg	0.012	0.00085	1		06/13/24 16:25	75-15-0	
Carbon tetrachloride	ND	mg/kg	0.0060	0.00073	1		06/13/24 16:25	56-23-5	
Chlorobenzene	ND	mg/kg	0.0060	0.00077	1		06/13/24 16:25	108-90-7	

## REPORT OF LABORATORY ANALYSIS

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## ANALYTICAL RESULTS

Project: Genesis Convention Center

Pace Project No.: 50375189

Sample: SB-9 (1-3) Lab ID: 50375189017 Collected: 06/04/24 15:58 Received: 06/06/24 13:02 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV 5035A VOA</b>		Analytical Method: EPA 8260 Pace Analytical Services - Indianapolis							
Chloroethane	ND	mg/kg	0.0060	0.0014	1		06/13/24 16:25	75-00-3	
Chloroform	ND	mg/kg	0.0060	0.0020	1		06/13/24 16:25	67-66-3	
Chloromethane	ND	mg/kg	0.0060	0.00087	1		06/13/24 16:25	74-87-3	
2-Chlorotoluene	ND	mg/kg	0.0060	0.00078	1		06/13/24 16:25	95-49-8	
4-Chlorotoluene	ND	mg/kg	0.0060	0.00076	1		06/13/24 16:25	106-43-4	
Dibromochloromethane	ND	mg/kg	0.0060	0.00074	1		06/13/24 16:25	124-48-1	
1,2-Dibromoethane (EDB)	ND	mg/kg	0.0060	0.00084	1		06/13/24 16:25	106-93-4	
Dibromomethane	ND	mg/kg	0.0060	0.00081	1		06/13/24 16:25	74-95-3	
1,2-Dichlorobenzene	ND	mg/kg	0.0060	0.00079	1		06/13/24 16:25	95-50-1	
1,3-Dichlorobenzene	ND	mg/kg	0.0060	0.00078	1		06/13/24 16:25	541-73-1	
1,4-Dichlorobenzene	ND	mg/kg	0.0060	0.00077	1		06/13/24 16:25	106-46-7	
trans-1,4-Dichloro-2-butene	ND	mg/kg	0.12	0.0015	1		06/13/24 16:25	110-57-6	
Dichlorodifluoromethane	ND	mg/kg	0.0060	0.0028	1		06/13/24 16:25	75-71-8	
1,1-Dichloroethane	ND	mg/kg	0.0060	0.00068	1		06/13/24 16:25	75-34-3	
1,2-Dichloroethane	ND	mg/kg	0.0060	0.00076	1		06/13/24 16:25	107-06-2	
1,1-Dichloroethene	ND	mg/kg	0.0060	0.00078	1		06/13/24 16:25	75-35-4	
cis-1,2-Dichloroethene	ND	mg/kg	0.0060	0.00076	1		06/13/24 16:25	156-59-2	
trans-1,2-Dichloroethene	ND	mg/kg	0.0060	0.00076	1		06/13/24 16:25	156-60-5	
1,2-Dichloropropane	ND	mg/kg	0.0060	0.00081	1		06/13/24 16:25	78-87-5	
1,3-Dichloropropane	ND	mg/kg	0.0060	0.00084	1		06/13/24 16:25	142-28-9	
2,2-Dichloropropane	ND	mg/kg	0.0060	0.0021	1		06/13/24 16:25	594-20-7	
1,1-Dichloropropene	ND	mg/kg	0.0060	0.00078	1		06/13/24 16:25	563-58-6	
cis-1,3-Dichloropropene	ND	mg/kg	0.0060	0.00074	1		06/13/24 16:25	10061-01-5	
trans-1,3-Dichloropropene	ND	mg/kg	0.0060	0.00081	1		06/13/24 16:25	10061-02-6	
Ethylbenzene	ND	mg/kg	0.0060	0.00078	1		06/13/24 16:25	100-41-4	
Ethyl methacrylate	ND	mg/kg	0.12	0.00080	1		06/13/24 16:25	97-63-2	
Hexachloro-1,3-butadiene	ND	mg/kg	0.0060	0.00070	1		06/13/24 16:25	87-68-3	
n-Hexane	ND	mg/kg	0.0060	0.0038	1		06/13/24 16:25	110-54-3	
2-Hexanone	ND	mg/kg	0.12	0.0047	1		06/13/24 16:25	591-78-6	L2
Iodomethane	ND	mg/kg	0.12	0.0037	1		06/13/24 16:25	74-88-4	
Isopropylbenzene (Cumene)	ND	mg/kg	0.0060	0.0019	1		06/13/24 16:25	98-82-8	
p-Isopropyltoluene	ND	mg/kg	0.0060	0.00070	1		06/13/24 16:25	99-87-6	
Methylene Chloride	ND	mg/kg	0.024	0.0096	1		06/13/24 16:25	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	mg/kg	0.030	0.0043	1		06/13/24 16:25	108-10-1	L2
Methyl-tert-butyl ether	ND	mg/kg	0.0060	0.00073	1		06/13/24 16:25	1634-04-4	
Naphthalene	ND	mg/kg	0.0060	0.00085	1		06/13/24 16:25	91-20-3	
n-Propylbenzene	ND	mg/kg	0.0060	0.00073	1		06/13/24 16:25	103-65-1	
Styrene	ND	mg/kg	0.0060	0.00079	1		06/13/24 16:25	100-42-5	
1,1,1,2-Tetrachloroethane	ND	mg/kg	0.0060	0.00083	1		06/13/24 16:25	630-20-6	
1,1,1,2,2-Tetrachloroethane	ND	mg/kg	0.0060	0.00087	1		06/13/24 16:25	79-34-5	
Tetrachloroethene	ND	mg/kg	0.0060	0.00073	1		06/13/24 16:25	127-18-4	
Toluene	ND	mg/kg	0.0060	0.0016	1		06/13/24 16:25	108-88-3	
1,2,3-Trichlorobenzene	ND	mg/kg	0.0060	0.00073	1		06/13/24 16:25	87-61-6	
1,2,4-Trichlorobenzene	ND	mg/kg	0.0060	0.00077	1		06/13/24 16:25	120-82-1	

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### ANALYTICAL RESULTS

Project: Genesis Convention Center

Pace Project No.: 50375189

Sample: SB-9 (1-3) Lab ID: 50375189017 Collected: 06/04/24 15:58 Received: 06/06/24 13:02 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV 5035A VOA</b>									
Analytical Method: EPA 8260									
Pace Analytical Services - Indianapolis									
1,1,1-Trichloroethane	ND	mg/kg	0.0060	0.00072	1		06/13/24 16:25	71-55-6	
1,1,2-Trichloroethane	ND	mg/kg	0.0060	0.00084	1		06/13/24 16:25	79-00-5	
Trichloroethene	ND	mg/kg	0.0060	0.00074	1		06/13/24 16:25	79-01-6	
Trichlorofluoromethane	ND	mg/kg	0.0060	0.0024	1		06/13/24 16:25	75-69-4	
1,2,3-Trichloropropane	ND	mg/kg	0.0060	0.0018	1		06/13/24 16:25	96-18-4	
1,2,4-Trimethylbenzene	ND	mg/kg	0.0060	0.00082	1		06/13/24 16:25	95-63-6	
1,3,5-Trimethylbenzene	ND	mg/kg	0.0060	0.00075	1		06/13/24 16:25	108-67-8	
Vinyl acetate	ND	mg/kg	0.12	0.0023	1		06/13/24 16:25	108-05-4	
Vinyl chloride	ND	mg/kg	0.0060	0.00094	1		06/13/24 16:25	75-01-4	
Xylene (Total)	ND	mg/kg	0.012	0.0022	1		06/13/24 16:25	1330-20-7	
<b>Surrogates</b>									
Dibromofluoromethane (S)	103	%	75-135		1		06/13/24 16:25	1868-53-7	
Toluene-d8 (S)	98	%	65-148		1		06/13/24 16:25	2037-26-5	
4-Bromofluorobenzene (S)	95	%	63-132		1		06/13/24 16:25	460-00-4	
<b>Percent Moisture</b>									
Analytical Method: SM 2540G									
Pace Analytical Services - Indianapolis									
Percent Moisture	3.3	%	0.10	0.10	1		06/18/24 13:58		N2

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## ANALYTICAL RESULTS

Project: Genesis Convention Center

Pace Project No.: 50375189

Sample: SB-9 (11-13) Lab ID: 50375189018 Collected: 06/04/24 16:15 Received: 06/06/24 13:02 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
<b>6010 MET ICP</b>									
Analytical Method: EPA 6010 Preparation Method: EPA 3050									
Pace Analytical Services - Indianapolis									
Lead	211	mg/kg	1.0	0.24	1	06/18/24 00:04	06/18/24 11:59	7439-92-1	
<b>8270 PAH Soil by SIM</b>									
Analytical Method: EPA 8270 by SIM Preparation Method: EPA 3546									
Pace Analytical Services - Indianapolis									
Acenaphthene	0.27	mg/kg	0.028	0.011	5	06/14/24 22:02	06/17/24 21:36	83-32-9	
Acenaphthylene	ND	mg/kg	0.028	0.010	5	06/14/24 22:02	06/17/24 21:36	208-96-8	
Anthracene	0.69	mg/kg	0.028	0.014	5	06/14/24 22:02	06/17/24 21:36	120-12-7	
Benzo(a)anthracene	0.82	mg/kg	0.028	0.0078	5	06/14/24 22:02	06/17/24 21:36	56-55-3	
Benzo(a)pyrene	0.66	mg/kg	0.028	0.016	5	06/14/24 22:02	06/17/24 21:36	50-32-8	
Benzo(b)fluoranthene	0.85	mg/kg	0.028	0.015	5	06/14/24 22:02	06/17/24 21:36	205-99-2	
Benzo(g,h,i)perylene	0.40	mg/kg	0.028	0.016	5	06/14/24 22:02	06/17/24 21:36	191-24-2	
Benzo(k)fluoranthene	0.32	mg/kg	0.028	0.013	5	06/14/24 22:02	06/17/24 21:36	207-08-9	
Chrysene	0.84	mg/kg	0.028	0.019	5	06/14/24 22:02	06/17/24 21:36	218-01-9	
Dibenz(a,h)anthracene	0.12	mg/kg	0.028	0.014	5	06/14/24 22:02	06/17/24 21:36	53-70-3	
Fluoranthene	2.1	mg/kg	0.028	0.019	5	06/14/24 22:02	06/17/24 21:36	206-44-0	
Fluorene	0.28	mg/kg	0.028	0.011	5	06/14/24 22:02	06/17/24 21:36	86-73-7	
Indeno(1,2,3-cd)pyrene	0.35	mg/kg	0.028	0.014	5	06/14/24 22:02	06/17/24 21:36	193-39-5	
1-Methylnaphthalene	0.11	mg/kg	0.028	0.011	5	06/14/24 22:02	06/17/24 21:36	90-12-0	
2-Methylnaphthalene	0.13	mg/kg	0.028	0.026	5	06/14/24 22:02	06/17/24 21:36	91-57-6	
Naphthalene	0.20	mg/kg	0.028	0.025	5	06/14/24 22:02	06/17/24 21:36	91-20-3	ED
Phenanthrene	2.4	mg/kg	0.028	0.020	5	06/14/24 22:02	06/17/24 21:36	85-01-8	
Pyrene	1.8	mg/kg	0.028	0.019	5	06/14/24 22:02	06/17/24 21:36	129-00-0	
<b>Surrogates</b>									
2-Fluorobiphenyl (S)	59	%	16-93		5	06/14/24 22:02	06/17/24 21:36	321-60-8	
p-Terphenyl-d14 (S)	63	%	19-115		5	06/14/24 22:02	06/17/24 21:36	1718-51-0	
<b>8260 MSV 5035A VOA</b>									
Analytical Method: EPA 8260									
Pace Analytical Services - Indianapolis									
Acetone	ND	mg/kg	0.11	0.012	1		06/13/24 16:55	67-64-1	
Acrolein	ND	mg/kg	0.11	0.022	1		06/13/24 16:55	107-02-8	
Acrylonitrile	ND	mg/kg	0.11	0.0033	1		06/13/24 16:55	107-13-1	
Benzene	ND	mg/kg	0.0054	0.00060	1		06/13/24 16:55	71-43-2	
Bromobenzene	ND	mg/kg	0.0054	0.00071	1		06/13/24 16:55	108-86-1	
Bromochloromethane	ND	mg/kg	0.0054	0.00083	1		06/13/24 16:55	74-97-5	
Bromodichloromethane	ND	mg/kg	0.0054	0.00069	1		06/13/24 16:55	75-27-4	
Bromoform	ND	mg/kg	0.0054	0.00074	1		06/13/24 16:55	75-25-2	
Bromomethane	ND	mg/kg	0.0054	0.00089	1		06/13/24 16:55	74-83-9	
2-Butanone (MEK)	ND	mg/kg	0.027	0.018	1		06/13/24 16:55	78-93-3	
n-Butylbenzene	ND	mg/kg	0.0054	0.00060	1		06/13/24 16:55	104-51-8	
sec-Butylbenzene	ND	mg/kg	0.0054	0.00060	1		06/13/24 16:55	135-98-8	
tert-Butylbenzene	ND	mg/kg	0.0054	0.00067	1		06/13/24 16:55	98-06-6	
Carbon disulfide	ND	mg/kg	0.011	0.00076	1		06/13/24 16:55	75-15-0	
Carbon tetrachloride	ND	mg/kg	0.0054	0.00066	1		06/13/24 16:55	56-23-5	
Chlorobenzene	ND	mg/kg	0.0054	0.00070	1		06/13/24 16:55	108-90-7	

## REPORT OF LABORATORY ANALYSIS

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## ANALYTICAL RESULTS

Project: Genesis Convention Center

Pace Project No.: 50375189

Sample: SB-9 (11-13) Lab ID: 50375189018 Collected: 06/04/24 16:15 Received: 06/06/24 13:02 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV 5035A VOA</b>		Analytical Method: EPA 8260 Pace Analytical Services - Indianapolis							
Chloroethane	ND	mg/kg	0.0054	0.0012	1		06/13/24 16:55	75-00-3	
Chloroform	ND	mg/kg	0.0054	0.0018	1		06/13/24 16:55	67-66-3	
Chloromethane	ND	mg/kg	0.0054	0.00079	1		06/13/24 16:55	74-87-3	
2-Chlorotoluene	ND	mg/kg	0.0054	0.00070	1		06/13/24 16:55	95-49-8	
4-Chlorotoluene	ND	mg/kg	0.0054	0.00069	1		06/13/24 16:55	106-43-4	
Dibromochloromethane	ND	mg/kg	0.0054	0.00067	1		06/13/24 16:55	124-48-1	
1,2-Dibromoethane (EDB)	ND	mg/kg	0.0054	0.00076	1		06/13/24 16:55	106-93-4	
Dibromomethane	ND	mg/kg	0.0054	0.00073	1		06/13/24 16:55	74-95-3	
1,2-Dichlorobenzene	ND	mg/kg	0.0054	0.00071	1		06/13/24 16:55	95-50-1	
1,3-Dichlorobenzene	ND	mg/kg	0.0054	0.00070	1		06/13/24 16:55	541-73-1	
1,4-Dichlorobenzene	ND	mg/kg	0.0054	0.00069	1		06/13/24 16:55	106-46-7	
trans-1,4-Dichloro-2-butene	ND	mg/kg	0.11	0.0014	1		06/13/24 16:55	110-57-6	
Dichlorodifluoromethane	ND	mg/kg	0.0054	0.0026	1		06/13/24 16:55	75-71-8	
1,1-Dichloroethane	ND	mg/kg	0.0054	0.00061	1		06/13/24 16:55	75-34-3	
1,2-Dichloroethane	ND	mg/kg	0.0054	0.00068	1		06/13/24 16:55	107-06-2	
1,1-Dichloroethene	ND	mg/kg	0.0054	0.00071	1		06/13/24 16:55	75-35-4	
cis-1,2-Dichloroethene	ND	mg/kg	0.0054	0.00069	1		06/13/24 16:55	156-59-2	
trans-1,2-Dichloroethene	ND	mg/kg	0.0054	0.00069	1		06/13/24 16:55	156-60-5	
1,2-Dichloropropane	ND	mg/kg	0.0054	0.00073	1		06/13/24 16:55	78-87-5	
1,3-Dichloropropane	ND	mg/kg	0.0054	0.00076	1		06/13/24 16:55	142-28-9	
2,2-Dichloropropane	ND	mg/kg	0.0054	0.0019	1		06/13/24 16:55	594-20-7	
1,1-Dichloropropene	ND	mg/kg	0.0054	0.00070	1		06/13/24 16:55	563-58-6	
cis-1,3-Dichloropropene	ND	mg/kg	0.0054	0.00066	1		06/13/24 16:55	10061-01-5	
trans-1,3-Dichloropropene	ND	mg/kg	0.0054	0.00073	1		06/13/24 16:55	10061-02-6	
Ethylbenzene	ND	mg/kg	0.0054	0.00070	1		06/13/24 16:55	100-41-4	
Ethyl methacrylate	ND	mg/kg	0.11	0.00072	1		06/13/24 16:55	97-63-2	
Hexachloro-1,3-butadiene	ND	mg/kg	0.0054	0.00063	1		06/13/24 16:55	87-68-3	
n-Hexane	ND	mg/kg	0.0054	0.0034	1		06/13/24 16:55	110-54-3	
2-Hexanone	ND	mg/kg	0.11	0.0043	1		06/13/24 16:55	591-78-6	L2
Iodomethane	ND	mg/kg	0.11	0.0034	1		06/13/24 16:55	74-88-4	
Isopropylbenzene (Cumene)	ND	mg/kg	0.0054	0.0017	1		06/13/24 16:55	98-82-8	
p-Isopropyltoluene	ND	mg/kg	0.0054	0.00063	1		06/13/24 16:55	99-87-6	
Methylene Chloride	ND	mg/kg	0.022	0.0087	1		06/13/24 16:55	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	mg/kg	0.027	0.0039	1		06/13/24 16:55	108-10-1	L2
Methyl-tert-butyl ether	ND	mg/kg	0.0054	0.00066	1		06/13/24 16:55	1634-04-4	
Naphthalene	ND	mg/kg	0.0054	0.00076	1		06/13/24 16:55	91-20-3	
n-Propylbenzene	ND	mg/kg	0.0054	0.00066	1		06/13/24 16:55	103-65-1	
Styrene	ND	mg/kg	0.0054	0.00071	1		06/13/24 16:55	100-42-5	
1,1,1,2-Tetrachloroethane	ND	mg/kg	0.0054	0.00074	1		06/13/24 16:55	630-20-6	
1,1,1,2,2-Tetrachloroethane	ND	mg/kg	0.0054	0.00078	1		06/13/24 16:55	79-34-5	
Tetrachloroethene	ND	mg/kg	0.0054	0.00065	1		06/13/24 16:55	127-18-4	
Toluene	ND	mg/kg	0.0054	0.0014	1		06/13/24 16:55	108-88-3	
1,2,3-Trichlorobenzene	ND	mg/kg	0.0054	0.00066	1		06/13/24 16:55	87-61-6	
1,2,4-Trichlorobenzene	ND	mg/kg	0.0054	0.00069	1		06/13/24 16:55	120-82-1	

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**ANALYTICAL RESULTS**

Project: Genesis Convention Center

Pace Project No.: 50375189

**Sample: SB-9 (11-13)**      **Lab ID: 50375189018**      Collected: 06/04/24 16:15      Received: 06/06/24 13:02      Matrix: Solid

*Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.*

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV 5035A VOA</b>									
Analytical Method: EPA 8260									
Pace Analytical Services - Indianapolis									
1,1,1-Trichloroethane	ND	mg/kg	0.0054	0.00065	1		06/13/24 16:55	71-55-6	
1,1,2-Trichloroethane	ND	mg/kg	0.0054	0.00076	1		06/13/24 16:55	79-00-5	
Trichloroethene	ND	mg/kg	0.0054	0.00067	1		06/13/24 16:55	79-01-6	
Trichlorofluoromethane	ND	mg/kg	0.0054	0.0022	1		06/13/24 16:55	75-69-4	
1,2,3-Trichloropropane	ND	mg/kg	0.0054	0.0016	1		06/13/24 16:55	96-18-4	
1,2,4-Trimethylbenzene	ND	mg/kg	0.0054	0.00074	1		06/13/24 16:55	95-63-6	
1,3,5-Trimethylbenzene	ND	mg/kg	0.0054	0.00068	1		06/13/24 16:55	108-67-8	
Vinyl acetate	ND	mg/kg	0.11	0.0021	1		06/13/24 16:55	108-05-4	
Vinyl chloride	ND	mg/kg	0.0054	0.00085	1		06/13/24 16:55	75-01-4	
Xylene (Total)	ND	mg/kg	0.011	0.0019	1		06/13/24 16:55	1330-20-7	
<b>Surrogates</b>									
Dibromofluoromethane (S)	105	%	75-135		1		06/13/24 16:55	1868-53-7	
Toluene-d8 (S)	98	%	65-148		1		06/13/24 16:55	2037-26-5	
4-Bromofluorobenzene (S)	96	%	63-132		1		06/13/24 16:55	460-00-4	
<b>Percent Moisture</b>									
Analytical Method: SM 2540G									
Pace Analytical Services - Indianapolis									
Percent Moisture	<b>10.1</b>	%	0.10	0.10	1		06/18/24 13:58		N2

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## ANALYTICAL RESULTS

Project: Genesis Convention Center

Pace Project No.: 50375189

Sample: SB-10 (1-3) Lab ID: 50375189019 Collected: 06/05/24 13:33 Received: 06/06/24 13:02 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
<b>6010 MET ICP</b>									
Analytical Method: EPA 6010 Preparation Method: EPA 3050									
Pace Analytical Services - Indianapolis									
Lead	1.8	mg/kg	1.0	0.24	1	06/18/24 00:04	06/18/24 12:01	7439-92-1	
<b>8270 PAH Soil by SIM</b>									
Analytical Method: EPA 8270 by SIM Preparation Method: EPA 3546									
Pace Analytical Services - Indianapolis									
Acenaphthene	ND	mg/kg	0.0049	0.0020	1	06/14/24 18:18	06/17/24 19:38	83-32-9	
Acenaphthylene	ND	mg/kg	0.0049	0.0019	1	06/14/24 18:18	06/17/24 19:38	208-96-8	
Anthracene	ND	mg/kg	0.0049	0.0025	1	06/14/24 18:18	06/17/24 19:38	120-12-7	
Benzo(a)anthracene	ND	mg/kg	0.0049	0.0014	1	06/14/24 18:18	06/17/24 19:38	56-55-3	
Benzo(a)pyrene	ND	mg/kg	0.0049	0.0029	1	06/14/24 18:18	06/17/24 19:38	50-32-8	
Benzo(b)fluoranthene	0.0073	mg/kg	0.0049	0.0027	1	06/14/24 18:18	06/17/24 19:38	205-99-2	
Benzo(g,h,i)perylene	ND	mg/kg	0.0049	0.0029	1	06/14/24 18:18	06/17/24 19:38	191-24-2	
Benzo(k)fluoranthene	ND	mg/kg	0.0049	0.0023	1	06/14/24 18:18	06/17/24 19:38	207-08-9	
Chrysene	ND	mg/kg	0.0049	0.0034	1	06/14/24 18:18	06/17/24 19:38	218-01-9	
Dibenz(a,h)anthracene	ND	mg/kg	0.0049	0.0024	1	06/14/24 18:18	06/17/24 19:38	53-70-3	
Fluoranthene	0.0066	mg/kg	0.0049	0.0034	1	06/14/24 18:18	06/17/24 19:38	206-44-0	
Fluorene	ND	mg/kg	0.0049	0.0019	1	06/14/24 18:18	06/17/24 19:38	86-73-7	
Indeno(1,2,3-cd)pyrene	ND	mg/kg	0.0049	0.0025	1	06/14/24 18:18	06/17/24 19:38	193-39-5	
1-Methylnaphthalene	ND	mg/kg	0.0049	0.0020	1	06/14/24 18:18	06/17/24 19:38	90-12-0	
2-Methylnaphthalene	ND	mg/kg	0.0049	0.0046	1	06/14/24 18:18	06/17/24 19:38	91-57-6	
Naphthalene	ND	mg/kg	0.0049	0.0045	1	06/14/24 18:18	06/17/24 19:38	91-20-3	
Phenanthrene	ND	mg/kg	0.0049	0.0036	1	06/14/24 18:18	06/17/24 19:38	85-01-8	
Pyrene	0.0060	mg/kg	0.0049	0.0034	1	06/14/24 18:18	06/17/24 19:38	129-00-0	
<b>Surrogates</b>									
2-Fluorobiphenyl (S)	66	%	16-93		1	06/14/24 18:18	06/17/24 19:38	321-60-8	
p-Terphenyl-d14 (S)	77	%	19-115		1	06/14/24 18:18	06/17/24 19:38	1718-51-0	
<b>8260 MSV 5035A VOA</b>									
Analytical Method: EPA 8260									
Pace Analytical Services - Indianapolis									
Acetone	ND	mg/kg	0.12	0.013	1		06/13/24 17:24	67-64-1	
Acrolein	ND	mg/kg	0.12	0.023	1		06/13/24 17:24	107-02-8	
Acrylonitrile	ND	mg/kg	0.12	0.0035	1		06/13/24 17:24	107-13-1	
Benzene	ND	mg/kg	0.0058	0.00064	1		06/13/24 17:24	71-43-2	
Bromobenzene	ND	mg/kg	0.0058	0.00076	1		06/13/24 17:24	108-86-1	
Bromochloromethane	ND	mg/kg	0.0058	0.00089	1		06/13/24 17:24	74-97-5	
Bromodichloromethane	ND	mg/kg	0.0058	0.00074	1		06/13/24 17:24	75-27-4	
Bromoform	ND	mg/kg	0.0058	0.00079	1		06/13/24 17:24	75-25-2	
Bromomethane	ND	mg/kg	0.0058	0.00095	1		06/13/24 17:24	74-83-9	
2-Butanone (MEK)	ND	mg/kg	0.029	0.020	1		06/13/24 17:24	78-93-3	
n-Butylbenzene	ND	mg/kg	0.0058	0.00064	1		06/13/24 17:24	104-51-8	
sec-Butylbenzene	ND	mg/kg	0.0058	0.00064	1		06/13/24 17:24	135-98-8	
tert-Butylbenzene	ND	mg/kg	0.0058	0.00072	1		06/13/24 17:24	98-06-6	
Carbon disulfide	ND	mg/kg	0.012	0.00082	1		06/13/24 17:24	75-15-0	
Carbon tetrachloride	ND	mg/kg	0.0058	0.00070	1		06/13/24 17:24	56-23-5	
Chlorobenzene	ND	mg/kg	0.0058	0.00074	1		06/13/24 17:24	108-90-7	

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## ANALYTICAL RESULTS

Project: Genesis Convention Center

Pace Project No.: 50375189

Sample: SB-10 (1-3) Lab ID: 50375189019 Collected: 06/05/24 13:33 Received: 06/06/24 13:02 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV 5035A VOA</b>		Analytical Method: EPA 8260 Pace Analytical Services - Indianapolis							
Chloroethane	ND	mg/kg	0.0058	0.0013	1		06/13/24 17:24	75-00-3	
Chloroform	ND	mg/kg	0.0058	0.0019	1		06/13/24 17:24	67-66-3	
Chloromethane	ND	mg/kg	0.0058	0.00084	1		06/13/24 17:24	74-87-3	
2-Chlorotoluene	ND	mg/kg	0.0058	0.00075	1		06/13/24 17:24	95-49-8	
4-Chlorotoluene	ND	mg/kg	0.0058	0.00073	1		06/13/24 17:24	106-43-4	
Dibromochloromethane	ND	mg/kg	0.0058	0.00072	1		06/13/24 17:24	124-48-1	
1,2-Dibromoethane (EDB)	ND	mg/kg	0.0058	0.00081	1		06/13/24 17:24	106-93-4	
Dibromomethane	ND	mg/kg	0.0058	0.00078	1		06/13/24 17:24	74-95-3	
1,2-Dichlorobenzene	ND	mg/kg	0.0058	0.00076	1		06/13/24 17:24	95-50-1	
1,3-Dichlorobenzene	ND	mg/kg	0.0058	0.00075	1		06/13/24 17:24	541-73-1	
1,4-Dichlorobenzene	ND	mg/kg	0.0058	0.00074	1		06/13/24 17:24	106-46-7	
trans-1,4-Dichloro-2-butene	ND	mg/kg	0.12	0.0015	1		06/13/24 17:24	110-57-6	
Dichlorodifluoromethane	ND	mg/kg	0.0058	0.0027	1		06/13/24 17:24	75-71-8	
1,1-Dichloroethane	ND	mg/kg	0.0058	0.00065	1		06/13/24 17:24	75-34-3	
1,2-Dichloroethane	ND	mg/kg	0.0058	0.00073	1		06/13/24 17:24	107-06-2	
1,1-Dichloroethene	ND	mg/kg	0.0058	0.00075	1		06/13/24 17:24	75-35-4	
cis-1,2-Dichloroethene	ND	mg/kg	0.0058	0.00073	1		06/13/24 17:24	156-59-2	
trans-1,2-Dichloroethene	ND	mg/kg	0.0058	0.00073	1		06/13/24 17:24	156-60-5	
1,2-Dichloropropane	ND	mg/kg	0.0058	0.00078	1		06/13/24 17:24	78-87-5	
1,3-Dichloropropane	ND	mg/kg	0.0058	0.00081	1		06/13/24 17:24	142-28-9	
2,2-Dichloropropane	ND	mg/kg	0.0058	0.0020	1		06/13/24 17:24	594-20-7	
1,1-Dichloropropene	ND	mg/kg	0.0058	0.00075	1		06/13/24 17:24	563-58-6	
cis-1,3-Dichloropropene	ND	mg/kg	0.0058	0.00071	1		06/13/24 17:24	10061-01-5	
trans-1,3-Dichloropropene	ND	mg/kg	0.0058	0.00078	1		06/13/24 17:24	10061-02-6	
Ethylbenzene	ND	mg/kg	0.0058	0.00075	1		06/13/24 17:24	100-41-4	
Ethyl methacrylate	ND	mg/kg	0.12	0.00077	1		06/13/24 17:24	97-63-2	
Hexachloro-1,3-butadiene	ND	mg/kg	0.0058	0.00067	1		06/13/24 17:24	87-68-3	
n-Hexane	ND	mg/kg	0.0058	0.0037	1		06/13/24 17:24	110-54-3	
2-Hexanone	ND	mg/kg	0.12	0.0045	1		06/13/24 17:24	591-78-6	L2
Iodomethane	ND	mg/kg	0.12	0.0036	1		06/13/24 17:24	74-88-4	
Isopropylbenzene (Cumene)	ND	mg/kg	0.0058	0.0018	1		06/13/24 17:24	98-82-8	
p-Isopropyltoluene	ND	mg/kg	0.0058	0.00068	1		06/13/24 17:24	99-87-6	
Methylene Chloride	ND	mg/kg	0.023	0.0093	1		06/13/24 17:24	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	mg/kg	0.029	0.0042	1		06/13/24 17:24	108-10-1	L2
Methyl-tert-butyl ether	ND	mg/kg	0.0058	0.00070	1		06/13/24 17:24	1634-04-4	
Naphthalene	ND	mg/kg	0.0058	0.00082	1		06/13/24 17:24	91-20-3	
n-Propylbenzene	ND	mg/kg	0.0058	0.00070	1		06/13/24 17:24	103-65-1	
Styrene	ND	mg/kg	0.0058	0.00076	1		06/13/24 17:24	100-42-5	
1,1,1,2-Tetrachloroethane	ND	mg/kg	0.0058	0.00079	1		06/13/24 17:24	630-20-6	
1,1,1,2,2-Tetrachloroethane	ND	mg/kg	0.0058	0.00084	1		06/13/24 17:24	79-34-5	
Tetrachloroethene	ND	mg/kg	0.0058	0.00070	1		06/13/24 17:24	127-18-4	
Toluene	ND	mg/kg	0.0058	0.0015	1		06/13/24 17:24	108-88-3	
1,2,3-Trichlorobenzene	ND	mg/kg	0.0058	0.00070	1		06/13/24 17:24	87-61-6	
1,2,4-Trichlorobenzene	ND	mg/kg	0.0058	0.00074	1		06/13/24 17:24	120-82-1	

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### ANALYTICAL RESULTS

Project: Genesis Convention Center

Pace Project No.: 50375189

Sample: SB-10 (1-3) Lab ID: 50375189019 Collected: 06/05/24 13:33 Received: 06/06/24 13:02 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV 5035A VOA</b>									
Analytical Method: EPA 8260									
Pace Analytical Services - Indianapolis									
1,1,1-Trichloroethane	ND	mg/kg	0.0058	0.00070	1		06/13/24 17:24	71-55-6	
1,1,2-Trichloroethane	ND	mg/kg	0.0058	0.00081	1		06/13/24 17:24	79-00-5	
Trichloroethene	ND	mg/kg	0.0058	0.00071	1		06/13/24 17:24	79-01-6	
Trichlorofluoromethane	ND	mg/kg	0.0058	0.0024	1		06/13/24 17:24	75-69-4	
1,2,3-Trichloropropane	ND	mg/kg	0.0058	0.0017	1		06/13/24 17:24	96-18-4	
1,2,4-Trimethylbenzene	ND	mg/kg	0.0058	0.00079	1		06/13/24 17:24	95-63-6	
1,3,5-Trimethylbenzene	ND	mg/kg	0.0058	0.00072	1		06/13/24 17:24	108-67-8	
Vinyl acetate	ND	mg/kg	0.12	0.0022	1		06/13/24 17:24	108-05-4	
Vinyl chloride	ND	mg/kg	0.0058	0.00091	1		06/13/24 17:24	75-01-4	
Xylene (Total)	ND	mg/kg	0.012	0.0021	1		06/13/24 17:24	1330-20-7	
<b>Surrogates</b>									
Dibromofluoromethane (S)	105	%	75-135		1		06/13/24 17:24	1868-53-7	
Toluene-d8 (S)	96	%	65-148		1		06/13/24 17:24	2037-26-5	
4-Bromofluorobenzene (S)	96	%	63-132		1		06/13/24 17:24	460-00-4	
<b>Percent Moisture</b>									
Analytical Method: SM 2540G									
Pace Analytical Services - Indianapolis									
Percent Moisture	4.4	%	0.10	0.10	1		06/18/24 13:58		N2

### REPORT OF LABORATORY ANALYSIS

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## ANALYTICAL RESULTS

Project: Genesis Convention Center

Pace Project No.: 50375189

Sample: SB-10 (11-13) Lab ID: 50375189020 Collected: 06/05/24 13:42 Received: 06/06/24 13:02 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
<b>6010 MET ICP</b>									
Analytical Method: EPA 6010 Preparation Method: EPA 3050									
Pace Analytical Services - Indianapolis									
Lead	1.9	mg/kg	0.99	0.23	1	06/18/24 00:04	06/18/24 12:03	7439-92-1	
<b>8270 PAH Soil by SIM</b>									
Analytical Method: EPA 8270 by SIM Preparation Method: EPA 3546									
Pace Analytical Services - Indianapolis									
Acenaphthene	ND	mg/kg	0.0052	0.0021	1	06/14/24 18:18	06/17/24 19:52	83-32-9	
Acenaphthylene	ND	mg/kg	0.0052	0.0019	1	06/14/24 18:18	06/17/24 19:52	208-96-8	
Anthracene	ND	mg/kg	0.0052	0.0026	1	06/14/24 18:18	06/17/24 19:52	120-12-7	
Benzo(a)anthracene	ND	mg/kg	0.0052	0.0015	1	06/14/24 18:18	06/17/24 19:52	56-55-3	
Benzo(a)pyrene	ND	mg/kg	0.0052	0.0031	1	06/14/24 18:18	06/17/24 19:52	50-32-8	
Benzo(b)fluoranthene	ND	mg/kg	0.0052	0.0028	1	06/14/24 18:18	06/17/24 19:52	205-99-2	
Benzo(g,h,i)perylene	ND	mg/kg	0.0052	0.0031	1	06/14/24 18:18	06/17/24 19:52	191-24-2	
Benzo(k)fluoranthene	ND	mg/kg	0.0052	0.0024	1	06/14/24 18:18	06/17/24 19:52	207-08-9	
Chrysene	ND	mg/kg	0.0052	0.0036	1	06/14/24 18:18	06/17/24 19:52	218-01-9	
Dibenz(a,h)anthracene	ND	mg/kg	0.0052	0.0025	1	06/14/24 18:18	06/17/24 19:52	53-70-3	
Fluoranthene	ND	mg/kg	0.0052	0.0036	1	06/14/24 18:18	06/17/24 19:52	206-44-0	
Fluorene	ND	mg/kg	0.0052	0.0020	1	06/14/24 18:18	06/17/24 19:52	86-73-7	
Indeno(1,2,3-cd)pyrene	ND	mg/kg	0.0052	0.0026	1	06/14/24 18:18	06/17/24 19:52	193-39-5	
1-Methylnaphthalene	ND	mg/kg	0.0052	0.0021	1	06/14/24 18:18	06/17/24 19:52	90-12-0	
2-Methylnaphthalene	ND	mg/kg	0.0052	0.0049	1	06/14/24 18:18	06/17/24 19:52	91-57-6	
Naphthalene	ND	mg/kg	0.0052	0.0048	1	06/14/24 18:18	06/17/24 19:52	91-20-3	
Phenanthrene	ND	mg/kg	0.0052	0.0037	1	06/14/24 18:18	06/17/24 19:52	85-01-8	
Pyrene	ND	mg/kg	0.0052	0.0036	1	06/14/24 18:18	06/17/24 19:52	129-00-0	
<b>Surrogates</b>									
2-Fluorobiphenyl (S)	68	%	16-93		1	06/14/24 18:18	06/17/24 19:52	321-60-8	
p-Terphenyl-d14 (S)	78	%	19-115		1	06/14/24 18:18	06/17/24 19:52	1718-51-0	
<b>8260 MSV 5035A VOA</b>									
Analytical Method: EPA 8260									
Pace Analytical Services - Indianapolis									
Acetone	ND	mg/kg	0.11	0.012	1		06/13/24 17:54	67-64-1	
Acrolein	ND	mg/kg	0.11	0.022	1		06/13/24 17:54	107-02-8	
Acrylonitrile	ND	mg/kg	0.11	0.0034	1		06/13/24 17:54	107-13-1	
Benzene	ND	mg/kg	0.0056	0.00063	1		06/13/24 17:54	71-43-2	
Bromobenzene	ND	mg/kg	0.0056	0.00074	1		06/13/24 17:54	108-86-1	
Bromochloromethane	ND	mg/kg	0.0056	0.00086	1		06/13/24 17:54	74-97-5	
Bromodichloromethane	ND	mg/kg	0.0056	0.00072	1		06/13/24 17:54	75-27-4	
Bromoform	ND	mg/kg	0.0056	0.00077	1		06/13/24 17:54	75-25-2	
Bromomethane	ND	mg/kg	0.0056	0.00092	1		06/13/24 17:54	74-83-9	
2-Butanone (MEK)	ND	mg/kg	0.028	0.019	1		06/13/24 17:54	78-93-3	
n-Butylbenzene	ND	mg/kg	0.0056	0.00062	1		06/13/24 17:54	104-51-8	
sec-Butylbenzene	ND	mg/kg	0.0056	0.00062	1		06/13/24 17:54	135-98-8	
tert-Butylbenzene	ND	mg/kg	0.0056	0.00070	1		06/13/24 17:54	98-06-6	
Carbon disulfide	ND	mg/kg	0.011	0.00079	1		06/13/24 17:54	75-15-0	
Carbon tetrachloride	ND	mg/kg	0.0056	0.00068	1		06/13/24 17:54	56-23-5	
Chlorobenzene	ND	mg/kg	0.0056	0.00072	1		06/13/24 17:54	108-90-7	

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## ANALYTICAL RESULTS

Project: Genesis Convention Center

Pace Project No.: 50375189

Sample: SB-10 (11-13) Lab ID: 50375189020 Collected: 06/05/24 13:42 Received: 06/06/24 13:02 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV 5035A VOA</b>		Analytical Method: EPA 8260 Pace Analytical Services - Indianapolis							
Chloroethane	ND	mg/kg	0.0056	0.0013	1		06/13/24 17:54	75-00-3	
Chloroform	ND	mg/kg	0.0056	0.0019	1		06/13/24 17:54	67-66-3	
Chloromethane	ND	mg/kg	0.0056	0.00082	1		06/13/24 17:54	74-87-3	
2-Chlorotoluene	ND	mg/kg	0.0056	0.00073	1		06/13/24 17:54	95-49-8	
4-Chlorotoluene	ND	mg/kg	0.0056	0.00072	1		06/13/24 17:54	106-43-4	
Dibromochloromethane	ND	mg/kg	0.0056	0.00070	1		06/13/24 17:54	124-48-1	
1,2-Dibromoethane (EDB)	ND	mg/kg	0.0056	0.00079	1		06/13/24 17:54	106-93-4	
Dibromomethane	ND	mg/kg	0.0056	0.00076	1		06/13/24 17:54	74-95-3	
1,2-Dichlorobenzene	ND	mg/kg	0.0056	0.00074	1		06/13/24 17:54	95-50-1	
1,3-Dichlorobenzene	ND	mg/kg	0.0056	0.00073	1		06/13/24 17:54	541-73-1	
1,4-Dichlorobenzene	ND	mg/kg	0.0056	0.00072	1		06/13/24 17:54	106-46-7	
trans-1,4-Dichloro-2-butene	ND	mg/kg	0.11	0.0014	1		06/13/24 17:54	110-57-6	
Dichlorodifluoromethane	ND	mg/kg	0.0056	0.0026	1		06/13/24 17:54	75-71-8	
1,1-Dichloroethane	ND	mg/kg	0.0056	0.00063	1		06/13/24 17:54	75-34-3	
1,2-Dichloroethane	ND	mg/kg	0.0056	0.00071	1		06/13/24 17:54	107-06-2	
1,1-Dichloroethene	ND	mg/kg	0.0056	0.00073	1		06/13/24 17:54	75-35-4	
cis-1,2-Dichloroethene	ND	mg/kg	0.0056	0.00071	1		06/13/24 17:54	156-59-2	
trans-1,2-Dichloroethene	ND	mg/kg	0.0056	0.00072	1		06/13/24 17:54	156-60-5	
1,2-Dichloropropane	ND	mg/kg	0.0056	0.00076	1		06/13/24 17:54	78-87-5	
1,3-Dichloropropane	ND	mg/kg	0.0056	0.00078	1		06/13/24 17:54	142-28-9	
2,2-Dichloropropane	ND	mg/kg	0.0056	0.0019	1		06/13/24 17:54	594-20-7	
1,1-Dichloropropene	ND	mg/kg	0.0056	0.00073	1		06/13/24 17:54	563-58-6	
cis-1,3-Dichloropropene	ND	mg/kg	0.0056	0.00069	1		06/13/24 17:54	10061-01-5	
trans-1,3-Dichloropropene	ND	mg/kg	0.0056	0.00076	1		06/13/24 17:54	10061-02-6	
Ethylbenzene	ND	mg/kg	0.0056	0.00073	1		06/13/24 17:54	100-41-4	
Ethyl methacrylate	ND	mg/kg	0.11	0.00075	1		06/13/24 17:54	97-63-2	
Hexachloro-1,3-butadiene	ND	mg/kg	0.0056	0.00065	1		06/13/24 17:54	87-68-3	
n-Hexane	ND	mg/kg	0.0056	0.0036	1		06/13/24 17:54	110-54-3	
2-Hexanone	ND	mg/kg	0.11	0.0044	1		06/13/24 17:54	591-78-6	L2
Iodomethane	ND	mg/kg	0.11	0.0035	1		06/13/24 17:54	74-88-4	
Isopropylbenzene (Cumene)	ND	mg/kg	0.0056	0.0018	1		06/13/24 17:54	98-82-8	
p-Isopropyltoluene	ND	mg/kg	0.0056	0.00066	1		06/13/24 17:54	99-87-6	
Methylene Chloride	ND	mg/kg	0.022	0.0090	1		06/13/24 17:54	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	mg/kg	0.028	0.0041	1		06/13/24 17:54	108-10-1	L2
Methyl-tert-butyl ether	ND	mg/kg	0.0056	0.00069	1		06/13/24 17:54	1634-04-4	
Naphthalene	ND	mg/kg	0.0056	0.00079	1		06/13/24 17:54	91-20-3	
n-Propylbenzene	ND	mg/kg	0.0056	0.00068	1		06/13/24 17:54	103-65-1	
Styrene	ND	mg/kg	0.0056	0.00074	1		06/13/24 17:54	100-42-5	
1,1,1,2-Tetrachloroethane	ND	mg/kg	0.0056	0.00077	1		06/13/24 17:54	630-20-6	
1,1,1,2,2-Tetrachloroethane	ND	mg/kg	0.0056	0.00081	1		06/13/24 17:54	79-34-5	
Tetrachloroethene	ND	mg/kg	0.0056	0.00068	1		06/13/24 17:54	127-18-4	
Toluene	ND	mg/kg	0.0056	0.0015	1		06/13/24 17:54	108-88-3	
1,2,3-Trichlorobenzene	ND	mg/kg	0.0056	0.00068	1		06/13/24 17:54	87-61-6	
1,2,4-Trichlorobenzene	ND	mg/kg	0.0056	0.00072	1		06/13/24 17:54	120-82-1	

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### ANALYTICAL RESULTS

Project: Genesis Convention Center

Pace Project No.: 50375189

Sample: SB-10 (11-13) Lab ID: 50375189020 Collected: 06/05/24 13:42 Received: 06/06/24 13:02 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV 5035A VOA</b>									
Analytical Method: EPA 8260									
Pace Analytical Services - Indianapolis									
1,1,1-Trichloroethane	ND	mg/kg	0.0056	0.00068	1		06/13/24 17:54	71-55-6	
1,1,2-Trichloroethane	ND	mg/kg	0.0056	0.00079	1		06/13/24 17:54	79-00-5	
Trichloroethene	ND	mg/kg	0.0056	0.00069	1		06/13/24 17:54	79-01-6	
Trichlorofluoromethane	ND	mg/kg	0.0056	0.0023	1		06/13/24 17:54	75-69-4	
1,2,3-Trichloropropane	ND	mg/kg	0.0056	0.0017	1		06/13/24 17:54	96-18-4	
1,2,4-Trimethylbenzene	ND	mg/kg	0.0056	0.00076	1		06/13/24 17:54	95-63-6	
1,3,5-Trimethylbenzene	ND	mg/kg	0.0056	0.00070	1		06/13/24 17:54	108-67-8	
Vinyl acetate	ND	mg/kg	0.11	0.0022	1		06/13/24 17:54	108-05-4	
Vinyl chloride	ND	mg/kg	0.0056	0.00088	1		06/13/24 17:54	75-01-4	
Xylene (Total)	ND	mg/kg	0.011	0.0020	1		06/13/24 17:54	1330-20-7	
<b>Surrogates</b>									
Dibromofluoromethane (S)	104	%	75-135		1		06/13/24 17:54	1868-53-7	
Toluene-d8 (S)	96	%	65-148		1		06/13/24 17:54	2037-26-5	
4-Bromofluorobenzene (S)	98	%	63-132		1		06/13/24 17:54	460-00-4	
<b>Percent Moisture</b>									
Analytical Method: SM 2540G									
Pace Analytical Services - Indianapolis									
Percent Moisture	7.7	%	0.10	0.10	1		06/18/24 13:58		N2

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## ANALYTICAL RESULTS

Project: Genesis Convention Center

Pace Project No.: 50375189

Sample: SB-11 (1-3) Lab ID: 50375189021 Collected: 06/05/24 08:20 Received: 06/06/24 13:02 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
<b>6010 MET ICP</b>									
Analytical Method: EPA 6010 Preparation Method: EPA 3050									
Pace Analytical Services - Indianapolis									
Lead	10.6	mg/kg	0.91	0.12	1	06/17/24 09:01	06/18/24 02:20	7439-92-1	
<b>8270 PAH Soil by SIM</b>									
Analytical Method: EPA 8270 by SIM Preparation Method: EPA 3546									
Pace Analytical Services - Indianapolis									
Acenaphthene	0.037	mg/kg	0.025	0.010	5	06/14/24 18:18	06/17/24 20:06	83-32-9	
Acenaphthylene	0.059	mg/kg	0.025	0.0096	5	06/14/24 18:18	06/17/24 20:06	208-96-8	
Anthracene	0.42	mg/kg	0.025	0.013	5	06/14/24 18:18	06/17/24 20:06	120-12-7	
Benzo(a)anthracene	1.6	mg/kg	0.025	0.0072	5	06/14/24 18:18	06/17/24 20:06	56-55-3	
Benzo(a)pyrene	1.8	mg/kg	0.025	0.015	5	06/14/24 18:18	06/17/24 20:06	50-32-8	
Benzo(b)fluoranthene	2.2	mg/kg	0.025	0.014	5	06/14/24 18:18	06/17/24 20:06	205-99-2	
Benzo(g,h,i)perylene	1.0	mg/kg	0.025	0.015	5	06/14/24 18:18	06/17/24 20:06	191-24-2	
Benzo(k)fluoranthene	0.76	mg/kg	0.025	0.012	5	06/14/24 18:18	06/17/24 20:06	207-08-9	
Chrysene	1.5	mg/kg	0.025	0.017	5	06/14/24 18:18	06/17/24 20:06	218-01-9	
Dibenz(a,h)anthracene	0.30	mg/kg	0.025	0.012	5	06/14/24 18:18	06/17/24 20:06	53-70-3	
Fluoranthene	3.5	mg/kg	0.025	0.018	5	06/14/24 18:18	06/17/24 20:06	206-44-0	
Fluorene	0.071	mg/kg	0.025	0.010	5	06/14/24 18:18	06/17/24 20:06	86-73-7	
Indeno(1,2,3-cd)pyrene	1.0	mg/kg	0.025	0.013	5	06/14/24 18:18	06/17/24 20:06	193-39-5	
1-Methylnaphthalene	ND	mg/kg	0.025	0.010	5	06/14/24 18:18	06/17/24 20:06	90-12-0	
2-Methylnaphthalene	ND	mg/kg	0.025	0.024	5	06/14/24 18:18	06/17/24 20:06	91-57-6	
Naphthalene	ND	mg/kg	0.025	0.023	5	06/14/24 18:18	06/17/24 20:06	91-20-3	ED
Phenanthrene	1.3	mg/kg	0.025	0.018	5	06/14/24 18:18	06/17/24 20:06	85-01-8	
Pyrene	3.5	mg/kg	0.025	0.017	5	06/14/24 18:18	06/17/24 20:06	129-00-0	
<b>Surrogates</b>									
2-Fluorobiphenyl (S)	49	%	16-93		5	06/14/24 18:18	06/17/24 20:06	321-60-8	
p-Terphenyl-d14 (S)	58	%	19-115		5	06/14/24 18:18	06/17/24 20:06	1718-51-0	
<b>8260 MSV 5035A VOA</b>									
Analytical Method: EPA 8260									
Pace Analytical Services - Indianapolis									
Acetone	ND	mg/kg	0.12	0.013	1		06/13/24 18:24	67-64-1	
Acrolein	ND	mg/kg	0.12	0.024	1		06/13/24 18:24	107-02-8	
Acrylonitrile	ND	mg/kg	0.12	0.0036	1		06/13/24 18:24	107-13-1	
Benzene	ND	mg/kg	0.0059	0.00066	1		06/13/24 18:24	71-43-2	
Bromobenzene	ND	mg/kg	0.0059	0.00078	1		06/13/24 18:24	108-86-1	
Bromochloromethane	ND	mg/kg	0.0059	0.00091	1		06/13/24 18:24	74-97-5	
Bromodichloromethane	ND	mg/kg	0.0059	0.00075	1		06/13/24 18:24	75-27-4	
Bromoform	ND	mg/kg	0.0059	0.00081	1		06/13/24 18:24	75-25-2	
Bromomethane	ND	mg/kg	0.0059	0.00097	1		06/13/24 18:24	74-83-9	
2-Butanone (MEK)	ND	mg/kg	0.029	0.020	1		06/13/24 18:24	78-93-3	
n-Butylbenzene	ND	mg/kg	0.0059	0.00065	1		06/13/24 18:24	104-51-8	
sec-Butylbenzene	ND	mg/kg	0.0059	0.00065	1		06/13/24 18:24	135-98-8	
tert-Butylbenzene	ND	mg/kg	0.0059	0.00073	1		06/13/24 18:24	98-06-6	
Carbon disulfide	ND	mg/kg	0.012	0.00083	1		06/13/24 18:24	75-15-0	
Carbon tetrachloride	ND	mg/kg	0.0059	0.00072	1		06/13/24 18:24	56-23-5	
Chlorobenzene	ND	mg/kg	0.0059	0.00076	1		06/13/24 18:24	108-90-7	

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## ANALYTICAL RESULTS

Project: Genesis Convention Center

Pace Project No.: 50375189

Sample: SB-11 (1-3) Lab ID: 50375189021 Collected: 06/05/24 08:20 Received: 06/06/24 13:02 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV 5035A VOA</b>		Analytical Method: EPA 8260 Pace Analytical Services - Indianapolis							
Chloroethane	ND	mg/kg	0.0059	0.0013	1		06/13/24 18:24	75-00-3	
Chloroform	ND	mg/kg	0.0059	0.0020	1		06/13/24 18:24	67-66-3	
Chloromethane	ND	mg/kg	0.0059	0.00086	1		06/13/24 18:24	74-87-3	
2-Chlorotoluene	ND	mg/kg	0.0059	0.00077	1		06/13/24 18:24	95-49-8	
4-Chlorotoluene	ND	mg/kg	0.0059	0.00075	1		06/13/24 18:24	106-43-4	
Dibromochloromethane	ND	mg/kg	0.0059	0.00073	1		06/13/24 18:24	124-48-1	
1,2-Dibromoethane (EDB)	ND	mg/kg	0.0059	0.00083	1		06/13/24 18:24	106-93-4	
Dibromomethane	ND	mg/kg	0.0059	0.00079	1		06/13/24 18:24	74-95-3	
1,2-Dichlorobenzene	ND	mg/kg	0.0059	0.00078	1		06/13/24 18:24	95-50-1	
1,3-Dichlorobenzene	ND	mg/kg	0.0059	0.00077	1		06/13/24 18:24	541-73-1	
1,4-Dichlorobenzene	ND	mg/kg	0.0059	0.00076	1		06/13/24 18:24	106-46-7	
trans-1,4-Dichloro-2-butene	ND	mg/kg	0.12	0.0015	1		06/13/24 18:24	110-57-6	
Dichlorodifluoromethane	ND	mg/kg	0.0059	0.0028	1		06/13/24 18:24	75-71-8	
1,1-Dichloroethane	ND	mg/kg	0.0059	0.00067	1		06/13/24 18:24	75-34-3	
1,2-Dichloroethane	ND	mg/kg	0.0059	0.00075	1		06/13/24 18:24	107-06-2	
1,1-Dichloroethene	ND	mg/kg	0.0059	0.00077	1		06/13/24 18:24	75-35-4	
cis-1,2-Dichloroethene	ND	mg/kg	0.0059	0.00075	1		06/13/24 18:24	156-59-2	
trans-1,2-Dichloroethene	ND	mg/kg	0.0059	0.00075	1		06/13/24 18:24	156-60-5	
1,2-Dichloropropane	ND	mg/kg	0.0059	0.00079	1		06/13/24 18:24	78-87-5	
1,3-Dichloropropane	ND	mg/kg	0.0059	0.00082	1		06/13/24 18:24	142-28-9	
2,2-Dichloropropane	ND	mg/kg	0.0059	0.0020	1		06/13/24 18:24	594-20-7	
1,1-Dichloropropene	ND	mg/kg	0.0059	0.00077	1		06/13/24 18:24	563-58-6	
cis-1,3-Dichloropropene	ND	mg/kg	0.0059	0.00072	1		06/13/24 18:24	10061-01-5	
trans-1,3-Dichloropropene	ND	mg/kg	0.0059	0.00079	1		06/13/24 18:24	10061-02-6	
Ethylbenzene	ND	mg/kg	0.0059	0.00077	1		06/13/24 18:24	100-41-4	
Ethyl methacrylate	ND	mg/kg	0.12	0.00079	1		06/13/24 18:24	97-63-2	
Hexachloro-1,3-butadiene	ND	mg/kg	0.0059	0.00068	1		06/13/24 18:24	87-68-3	
n-Hexane	ND	mg/kg	0.0059	0.0037	1		06/13/24 18:24	110-54-3	
2-Hexanone	ND	mg/kg	0.12	0.0046	1		06/13/24 18:24	591-78-6	L2
Iodomethane	ND	mg/kg	0.12	0.0037	1		06/13/24 18:24	74-88-4	
Isopropylbenzene (Cumene)	ND	mg/kg	0.0059	0.0019	1		06/13/24 18:24	98-82-8	
p-Isopropyltoluene	ND	mg/kg	0.0059	0.00069	1		06/13/24 18:24	99-87-6	
Methylene Chloride	ND	mg/kg	0.024	0.0095	1		06/13/24 18:24	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	mg/kg	0.029	0.0043	1		06/13/24 18:24	108-10-1	L2
Methyl-tert-butyl ether	ND	mg/kg	0.0059	0.00072	1		06/13/24 18:24	1634-04-4	
Naphthalene	ND	mg/kg	0.0059	0.00083	1		06/13/24 18:24	91-20-3	
n-Propylbenzene	ND	mg/kg	0.0059	0.00072	1		06/13/24 18:24	103-65-1	
Styrene	ND	mg/kg	0.0059	0.00077	1		06/13/24 18:24	100-42-5	
1,1,1,2-Tetrachloroethane	ND	mg/kg	0.0059	0.00081	1		06/13/24 18:24	630-20-6	
1,1,1,2,2-Tetrachloroethane	ND	mg/kg	0.0059	0.00085	1		06/13/24 18:24	79-34-5	
Tetrachloroethene	ND	mg/kg	0.0059	0.00071	1		06/13/24 18:24	127-18-4	
Toluene	ND	mg/kg	0.0059	0.0015	1		06/13/24 18:24	108-88-3	
1,2,3-Trichlorobenzene	ND	mg/kg	0.0059	0.00072	1		06/13/24 18:24	87-61-6	
1,2,4-Trichlorobenzene	ND	mg/kg	0.0059	0.00075	1		06/13/24 18:24	120-82-1	

## REPORT OF LABORATORY ANALYSIS

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### ANALYTICAL RESULTS

Project: Genesis Convention Center

Pace Project No.: 50375189

Sample: SB-11 (1-3) Lab ID: 50375189021 Collected: 06/05/24 08:20 Received: 06/06/24 13:02 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV 5035A VOA</b>									
Analytical Method: EPA 8260									
Pace Analytical Services - Indianapolis									
1,1,1-Trichloroethane	ND	mg/kg	0.0059	0.00071	1		06/13/24 18:24	71-55-6	
1,1,2-Trichloroethane	ND	mg/kg	0.0059	0.00083	1		06/13/24 18:24	79-00-5	
Trichloroethene	ND	mg/kg	0.0059	0.00073	1		06/13/24 18:24	79-01-6	
Trichlorofluoromethane	ND	mg/kg	0.0059	0.0024	1		06/13/24 18:24	75-69-4	
1,2,3-Trichloropropane	ND	mg/kg	0.0059	0.0018	1		06/13/24 18:24	96-18-4	
1,2,4-Trimethylbenzene	ND	mg/kg	0.0059	0.00080	1		06/13/24 18:24	95-63-6	
1,3,5-Trimethylbenzene	ND	mg/kg	0.0059	0.00074	1		06/13/24 18:24	108-67-8	
Vinyl acetate	ND	mg/kg	0.12	0.0023	1		06/13/24 18:24	108-05-4	
Vinyl chloride	ND	mg/kg	0.0059	0.00093	1		06/13/24 18:24	75-01-4	
Xylene (Total)	ND	mg/kg	0.012	0.0021	1		06/13/24 18:24	1330-20-7	
<b>Surrogates</b>									
Dibromofluoromethane (S)	106	%	75-135		1		06/13/24 18:24	1868-53-7	
Toluene-d8 (S)	100	%	65-148		1		06/13/24 18:24	2037-26-5	
4-Bromofluorobenzene (S)	92	%	63-132		1		06/13/24 18:24	460-00-4	

**Percent Moisture**

Analytical Method: SM 2540G

Pace Analytical Services - Indianapolis

Percent Moisture	4.2	%	0.10	0.10	1		06/18/24 13:58		N2
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## ANALYTICAL RESULTS

Project: Genesis Convention Center

Pace Project No.: 50375189

Sample: SB-11 (11-13) Lab ID: 50375189022 Collected: 06/05/24 08:27 Received: 06/06/24 13:02 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
<b>6010 MET ICP</b>									
Analytical Method: EPA 6010 Preparation Method: EPA 3050									
Pace Analytical Services - Indianapolis									
Lead	1.6	mg/kg	0.96	0.12	1	06/17/24 09:01	06/18/24 02:22	7439-92-1	
<b>8270 PAH Soil by SIM</b>									
Analytical Method: EPA 8270 by SIM Preparation Method: EPA 3546									
Pace Analytical Services - Indianapolis									
Acenaphthene	ND	mg/kg	0.0054	0.0022	1	06/14/24 18:18	06/17/24 20:20	83-32-9	
Acenaphthylene	ND	mg/kg	0.0054	0.0020	1	06/14/24 18:18	06/17/24 20:20	208-96-8	
Anthracene	ND	mg/kg	0.0054	0.0027	1	06/14/24 18:18	06/17/24 20:20	120-12-7	
Benzo(a)anthracene	ND	mg/kg	0.0054	0.0015	1	06/14/24 18:18	06/17/24 20:20	56-55-3	
Benzo(a)pyrene	ND	mg/kg	0.0054	0.0032	1	06/14/24 18:18	06/17/24 20:20	50-32-8	
Benzo(b)fluoranthene	ND	mg/kg	0.0054	0.0029	1	06/14/24 18:18	06/17/24 20:20	205-99-2	
Benzo(g,h,i)perylene	ND	mg/kg	0.0054	0.0032	1	06/14/24 18:18	06/17/24 20:20	191-24-2	
Benzo(k)fluoranthene	ND	mg/kg	0.0054	0.0025	1	06/14/24 18:18	06/17/24 20:20	207-08-9	
Chrysene	ND	mg/kg	0.0054	0.0037	1	06/14/24 18:18	06/17/24 20:20	218-01-9	
Dibenz(a,h)anthracene	ND	mg/kg	0.0054	0.0026	1	06/14/24 18:18	06/17/24 20:20	53-70-3	
Fluoranthene	ND	mg/kg	0.0054	0.0037	1	06/14/24 18:18	06/17/24 20:20	206-44-0	
Fluorene	ND	mg/kg	0.0054	0.0021	1	06/14/24 18:18	06/17/24 20:20	86-73-7	
Indeno(1,2,3-cd)pyrene	ND	mg/kg	0.0054	0.0027	1	06/14/24 18:18	06/17/24 20:20	193-39-5	
1-Methylnaphthalene	ND	mg/kg	0.0054	0.0022	1	06/14/24 18:18	06/17/24 20:20	90-12-0	
2-Methylnaphthalene	ND	mg/kg	0.0054	0.0050	1	06/14/24 18:18	06/17/24 20:20	91-57-6	
Naphthalene	ND	mg/kg	0.0054	0.0049	1	06/14/24 18:18	06/17/24 20:20	91-20-3	
Phenanthrene	ND	mg/kg	0.0054	0.0039	1	06/14/24 18:18	06/17/24 20:20	85-01-8	
Pyrene	ND	mg/kg	0.0054	0.0037	1	06/14/24 18:18	06/17/24 20:20	129-00-0	
<b>Surrogates</b>									
2-Fluorobiphenyl (S)	64	%	16-93		1	06/14/24 18:18	06/17/24 20:20	321-60-8	
p-Terphenyl-d14 (S)	78	%	19-115		1	06/14/24 18:18	06/17/24 20:20	1718-51-0	
<b>8260 MSV 5035A VOA</b>									
Analytical Method: EPA 8260									
Pace Analytical Services - Indianapolis									
Acetone	ND	mg/kg	0.12	0.013	1		06/13/24 18:53	67-64-1	
Acrolein	ND	mg/kg	0.12	0.023	1		06/13/24 18:53	107-02-8	
Acrylonitrile	ND	mg/kg	0.12	0.0035	1		06/13/24 18:53	107-13-1	
Benzene	ND	mg/kg	0.0058	0.00065	1		06/13/24 18:53	71-43-2	
Bromobenzene	ND	mg/kg	0.0058	0.00077	1		06/13/24 18:53	108-86-1	
Bromochloromethane	ND	mg/kg	0.0058	0.00089	1		06/13/24 18:53	74-97-5	
Bromodichloromethane	ND	mg/kg	0.0058	0.00074	1		06/13/24 18:53	75-27-4	
Bromoform	ND	mg/kg	0.0058	0.00080	1		06/13/24 18:53	75-25-2	
Bromomethane	ND	mg/kg	0.0058	0.00096	1		06/13/24 18:53	74-83-9	
2-Butanone (MEK)	ND	mg/kg	0.029	0.020	1		06/13/24 18:53	78-93-3	
n-Butylbenzene	ND	mg/kg	0.0058	0.00064	1		06/13/24 18:53	104-51-8	
sec-Butylbenzene	ND	mg/kg	0.0058	0.00064	1		06/13/24 18:53	135-98-8	
tert-Butylbenzene	ND	mg/kg	0.0058	0.00072	1		06/13/24 18:53	98-06-6	
Carbon disulfide	ND	mg/kg	0.012	0.00082	1		06/13/24 18:53	75-15-0	
Carbon tetrachloride	ND	mg/kg	0.0058	0.00071	1		06/13/24 18:53	56-23-5	
Chlorobenzene	ND	mg/kg	0.0058	0.00075	1		06/13/24 18:53	108-90-7	

## REPORT OF LABORATORY ANALYSIS

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## ANALYTICAL RESULTS

Project: Genesis Convention Center

Pace Project No.: 50375189

Sample: SB-11 (11-13) Lab ID: 50375189022 Collected: 06/05/24 08:27 Received: 06/06/24 13:02 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV 5035A VOA</b>		Analytical Method: EPA 8260 Pace Analytical Services - Indianapolis							
Chloroethane	ND	mg/kg	0.0058	0.0013	1		06/13/24 18:53	75-00-3	
Chloroform	ND	mg/kg	0.0058	0.0020	1		06/13/24 18:53	67-66-3	
Chloromethane	ND	mg/kg	0.0058	0.00085	1		06/13/24 18:53	74-87-3	
2-Chlorotoluene	ND	mg/kg	0.0058	0.00075	1		06/13/24 18:53	95-49-8	
4-Chlorotoluene	ND	mg/kg	0.0058	0.00074	1		06/13/24 18:53	106-43-4	
Dibromochloromethane	ND	mg/kg	0.0058	0.00072	1		06/13/24 18:53	124-48-1	
1,2-Dibromoethane (EDB)	ND	mg/kg	0.0058	0.00082	1		06/13/24 18:53	106-93-4	
Dibromomethane	ND	mg/kg	0.0058	0.00078	1		06/13/24 18:53	74-95-3	
1,2-Dichlorobenzene	ND	mg/kg	0.0058	0.00077	1		06/13/24 18:53	95-50-1	
1,3-Dichlorobenzene	ND	mg/kg	0.0058	0.00075	1		06/13/24 18:53	541-73-1	
1,4-Dichlorobenzene	ND	mg/kg	0.0058	0.00074	1		06/13/24 18:53	106-46-7	
trans-1,4-Dichloro-2-butene	ND	mg/kg	0.12	0.0015	1		06/13/24 18:53	110-57-6	
Dichlorodifluoromethane	ND	mg/kg	0.0058	0.0027	1		06/13/24 18:53	75-71-8	
1,1-Dichloroethane	ND	mg/kg	0.0058	0.00066	1		06/13/24 18:53	75-34-3	
1,2-Dichloroethane	ND	mg/kg	0.0058	0.00074	1		06/13/24 18:53	107-06-2	
1,1-Dichloroethene	ND	mg/kg	0.0058	0.00076	1		06/13/24 18:53	75-35-4	
cis-1,2-Dichloroethene	ND	mg/kg	0.0058	0.00074	1		06/13/24 18:53	156-59-2	
trans-1,2-Dichloroethene	ND	mg/kg	0.0058	0.00074	1		06/13/24 18:53	156-60-5	
1,2-Dichloropropane	ND	mg/kg	0.0058	0.00078	1		06/13/24 18:53	78-87-5	
1,3-Dichloropropane	ND	mg/kg	0.0058	0.00081	1		06/13/24 18:53	142-28-9	
2,2-Dichloropropane	ND	mg/kg	0.0058	0.0020	1		06/13/24 18:53	594-20-7	
1,1-Dichloropropene	ND	mg/kg	0.0058	0.00075	1		06/13/24 18:53	563-58-6	
cis-1,3-Dichloropropene	ND	mg/kg	0.0058	0.00071	1		06/13/24 18:53	10061-01-5	
trans-1,3-Dichloropropene	ND	mg/kg	0.0058	0.00078	1		06/13/24 18:53	10061-02-6	
Ethylbenzene	ND	mg/kg	0.0058	0.00076	1		06/13/24 18:53	100-41-4	
Ethyl methacrylate	ND	mg/kg	0.12	0.00077	1		06/13/24 18:53	97-63-2	
Hexachloro-1,3-butadiene	ND	mg/kg	0.0058	0.00067	1		06/13/24 18:53	87-68-3	
n-Hexane	ND	mg/kg	0.0058	0.0037	1		06/13/24 18:53	110-54-3	
2-Hexanone	ND	mg/kg	0.12	0.0046	1		06/13/24 18:53	591-78-6	L2
Iodomethane	ND	mg/kg	0.12	0.0036	1		06/13/24 18:53	74-88-4	
Isopropylbenzene (Cumene)	ND	mg/kg	0.0058	0.0018	1		06/13/24 18:53	98-82-8	
p-Isopropyltoluene	ND	mg/kg	0.0058	0.00068	1		06/13/24 18:53	99-87-6	
Methylene Chloride	ND	mg/kg	0.023	0.0093	1		06/13/24 18:53	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	mg/kg	0.029	0.0042	1		06/13/24 18:53	108-10-1	L2
Methyl-tert-butyl ether	ND	mg/kg	0.0058	0.00071	1		06/13/24 18:53	1634-04-4	
Naphthalene	ND	mg/kg	0.0058	0.00082	1		06/13/24 18:53	91-20-3	
n-Propylbenzene	ND	mg/kg	0.0058	0.00071	1		06/13/24 18:53	103-65-1	
Styrene	ND	mg/kg	0.0058	0.00076	1		06/13/24 18:53	100-42-5	
1,1,1,2-Tetrachloroethane	ND	mg/kg	0.0058	0.00080	1		06/13/24 18:53	630-20-6	
1,1,1,2,2-Tetrachloroethane	ND	mg/kg	0.0058	0.00084	1		06/13/24 18:53	79-34-5	
Tetrachloroethene	ND	mg/kg	0.0058	0.00070	1		06/13/24 18:53	127-18-4	
Toluene	ND	mg/kg	0.0058	0.0015	1		06/13/24 18:53	108-88-3	
1,2,3-Trichlorobenzene	ND	mg/kg	0.0058	0.00071	1		06/13/24 18:53	87-61-6	
1,2,4-Trichlorobenzene	ND	mg/kg	0.0058	0.00074	1		06/13/24 18:53	120-82-1	

## REPORT OF LABORATORY ANALYSIS

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### ANALYTICAL RESULTS

Project: Genesis Convention Center

Pace Project No.: 50375189

Sample: SB-11 (11-13) Lab ID: 50375189022 Collected: 06/05/24 08:27 Received: 06/06/24 13:02 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV 5035A VOA</b>									
Analytical Method: EPA 8260									
Pace Analytical Services - Indianapolis									
1,1,1-Trichloroethane	ND	mg/kg	0.0058	0.00070	1		06/13/24 18:53	71-55-6	
1,1,2-Trichloroethane	ND	mg/kg	0.0058	0.00081	1		06/13/24 18:53	79-00-5	
Trichloroethene	ND	mg/kg	0.0058	0.00072	1		06/13/24 18:53	79-01-6	
Trichlorofluoromethane	ND	mg/kg	0.0058	0.0024	1		06/13/24 18:53	75-69-4	
1,2,3-Trichloropropane	ND	mg/kg	0.0058	0.0017	1		06/13/24 18:53	96-18-4	
1,2,4-Trimethylbenzene	ND	mg/kg	0.0058	0.00079	1		06/13/24 18:53	95-63-6	
1,3,5-Trimethylbenzene	ND	mg/kg	0.0058	0.00073	1		06/13/24 18:53	108-67-8	
Vinyl acetate	ND	mg/kg	0.12	0.0023	1		06/13/24 18:53	108-05-4	
Vinyl chloride	ND	mg/kg	0.0058	0.00091	1		06/13/24 18:53	75-01-4	
Xylene (Total)	ND	mg/kg	0.012	0.0021	1		06/13/24 18:53	1330-20-7	
<b>Surrogates</b>									
Dibromofluoromethane (S)	104	%	75-135		1		06/13/24 18:53	1868-53-7	
Toluene-d8 (S)	96	%	65-148		1		06/13/24 18:53	2037-26-5	
4-Bromofluorobenzene (S)	98	%	63-132		1		06/13/24 18:53	460-00-4	
<b>Percent Moisture</b>									
Analytical Method: SM 2540G									
Pace Analytical Services - Indianapolis									
Percent Moisture	7.9	%	0.10	0.10	1		06/18/24 13:58		N2

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## ANALYTICAL RESULTS

Project: Genesis Convention Center

Pace Project No.: 50375189

Sample: SB-12 (1-3) Lab ID: 50375189023 Collected: 06/05/24 12:19 Received: 06/06/24 13:02 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
<b>6010 MET ICP</b>									
Analytical Method: EPA 6010 Preparation Method: EPA 3050									
Pace Analytical Services - Indianapolis									
Lead	10.8	mg/kg	0.90	0.12	1	06/17/24 09:01	06/18/24 02:23	7439-92-1	
<b>8270 PAH Soil by SIM</b>									
Analytical Method: EPA 8270 by SIM Preparation Method: EPA 3546									
Pace Analytical Services - Indianapolis									
Acenaphthene	1.3	mg/kg	0.025	0.010	5	06/14/24 18:18	06/17/24 20:35	83-32-9	M1,R1
Acenaphthylene	0.24	mg/kg	0.025	0.0096	5	06/14/24 18:18	06/17/24 20:35	208-96-8	M1,R1
Anthracene	4.3	mg/kg	0.025	0.013	5	06/14/24 18:18	06/17/24 20:35	120-12-7	M1,R1
Benzo(a)anthracene	14.7	mg/kg	0.025	0.0072	5	06/14/24 18:18	06/17/24 20:35	56-55-3	M1,R1
Benzo(a)pyrene	14.0	mg/kg	0.025	0.015	5	06/14/24 18:18	06/17/24 20:35	50-32-8	M1,R1
Benzo(b)fluoranthene	17.4	mg/kg	0.025	0.014	5	06/14/24 18:18	06/17/24 20:35	205-99-2	M1,R1
Benzo(g,h,i)perylene	7.5	mg/kg	0.025	0.015	5	06/14/24 18:18	06/17/24 20:35	191-24-2	M1,R1
Benzo(k)fluoranthene	7.0	mg/kg	0.025	0.012	5	06/14/24 18:18	06/17/24 20:35	207-08-9	M1,R1
Chrysene	13.4	mg/kg	0.025	0.017	5	06/14/24 18:18	06/17/24 20:35	218-01-9	M1,R1
Dibenz(a,h)anthracene	2.3	mg/kg	0.025	0.013	5	06/14/24 18:18	06/17/24 20:35	53-70-3	M1,R1
Fluoranthene	28.2	mg/kg	0.025	0.018	5	06/14/24 18:18	06/17/24 20:35	206-44-0	M1,R1
Fluorene	1.8	mg/kg	0.025	0.010	5	06/14/24 18:18	06/17/24 20:35	86-73-7	M1,R1
Indeno(1,2,3-cd)pyrene	7.4	mg/kg	0.025	0.013	5	06/14/24 18:18	06/17/24 20:35	193-39-5	M1,R1
1-Methylnaphthalene	0.11	mg/kg	0.025	0.010	5	06/14/24 18:18	06/17/24 20:35	90-12-0	R1
2-Methylnaphthalene	0.15	mg/kg	0.025	0.024	5	06/14/24 18:18	06/17/24 20:35	91-57-6	
Naphthalene	0.25	mg/kg	0.025	0.023	5	06/14/24 18:18	06/17/24 20:35	91-20-3	ED
Phenanthrene	14.1	mg/kg	0.025	0.018	5	06/14/24 18:18	06/17/24 20:35	85-01-8	M1,R1
Pyrene	25.3	mg/kg	0.025	0.017	5	06/14/24 18:18	06/17/24 20:35	129-00-0	M1,R1
<b>Surrogates</b>									
2-Fluorobiphenyl (S)	58	%	16-93		5	06/14/24 18:18	06/17/24 20:35	321-60-8	
p-Terphenyl-d14 (S)	71	%	19-115		5	06/14/24 18:18	06/17/24 20:35	1718-51-0	
<b>8260 MSV 5035A VOA</b>									
Analytical Method: EPA 8260									
Pace Analytical Services - Indianapolis									
Acetone	ND	mg/kg	0.12	0.0063	1		06/13/24 11:35	67-64-1	
Acrolein	ND	mg/kg	0.12	0.019	1		06/13/24 11:35	107-02-8	
Acrylonitrile	ND	mg/kg	0.12	0.0020	1		06/13/24 11:35	107-13-1	
Benzene	ND	mg/kg	0.0058	0.00020	1		06/13/24 11:35	71-43-2	
Bromobenzene	ND	mg/kg	0.0058	0.00034	1		06/13/24 11:35	108-86-1	
Bromochloromethane	ND	mg/kg	0.0058	0.00040	1		06/13/24 11:35	74-97-5	
Bromodichloromethane	ND	mg/kg	0.0058	0.00035	1		06/13/24 11:35	75-27-4	
Bromoform	ND	mg/kg	0.0058	0.0021	1		06/13/24 11:35	75-25-2	
Bromomethane	ND	mg/kg	0.0058	0.0011	1		06/13/24 11:35	74-83-9	
2-Butanone (MEK)	ND	mg/kg	0.029	0.012	1		06/13/24 11:35	78-93-3	
n-Butylbenzene	ND	mg/kg	0.0058	0.00044	1		06/13/24 11:35	104-51-8	
sec-Butylbenzene	ND	mg/kg	0.0058	0.00029	1		06/13/24 11:35	135-98-8	
tert-Butylbenzene	ND	mg/kg	0.0058	0.00022	1		06/13/24 11:35	98-06-6	
Carbon disulfide	ND	mg/kg	0.012	0.0010	1		06/13/24 11:35	75-15-0	
Carbon tetrachloride	ND	mg/kg	0.0058	0.0016	1		06/13/24 11:35	56-23-5	
Chlorobenzene	ND	mg/kg	0.0058	0.00024	1		06/13/24 11:35	108-90-7	

## REPORT OF LABORATORY ANALYSIS

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### ANALYTICAL RESULTS

Project: Genesis Convention Center

Pace Project No.: 50375189

Sample: SB-12 (1-3) Lab ID: 50375189023 Collected: 06/05/24 12:19 Received: 06/06/24 13:02 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV 5035A VOA</b>		Analytical Method: EPA 8260 Pace Analytical Services - Indianapolis							
Chloroethane	ND	mg/kg	0.0058	0.0011	1		06/13/24 11:35	75-00-3	
Chloroform	ND	mg/kg	0.0058	0.0031	1		06/13/24 11:35	67-66-3	
Chloromethane	ND	mg/kg	0.0058	0.00049	1		06/13/24 11:35	74-87-3	
2-Chlorotoluene	ND	mg/kg	0.0058	0.00026	1		06/13/24 11:35	95-49-8	
4-Chlorotoluene	ND	mg/kg	0.0058	0.00025	1		06/13/24 11:35	106-43-4	
Dibromochloromethane	ND	mg/kg	0.0058	0.00041	1		06/13/24 11:35	124-48-1	
1,2-Dibromoethane (EDB)	ND	mg/kg	0.0058	0.00046	1		06/13/24 11:35	106-93-4	
Dibromomethane	ND	mg/kg	0.0058	0.0013	1		06/13/24 11:35	74-95-3	
1,2-Dichlorobenzene	ND	mg/kg	0.0058	0.00034	1		06/13/24 11:35	95-50-1	
1,3-Dichlorobenzene	ND	mg/kg	0.0058	0.00032	1		06/13/24 11:35	541-73-1	
1,4-Dichlorobenzene	ND	mg/kg	0.0058	0.00034	1		06/13/24 11:35	106-46-7	
trans-1,4-Dichloro-2-butene	ND	mg/kg	0.12	0.0029	1		06/13/24 11:35	110-57-6	
Dichlorodifluoromethane	ND	mg/kg	0.0058	0.00043	1		06/13/24 11:35	75-71-8	
1,1-Dichloroethane	ND	mg/kg	0.0058	0.00026	1		06/13/24 11:35	75-34-3	
1,2-Dichloroethane	ND	mg/kg	0.0058	0.00029	1		06/13/24 11:35	107-06-2	
1,1-Dichloroethene	ND	mg/kg	0.0058	0.00047	1		06/13/24 11:35	75-35-4	R1
cis-1,2-Dichloroethene	ND	mg/kg	0.0058	0.00039	1		06/13/24 11:35	156-59-2	
trans-1,2-Dichloroethene	ND	mg/kg	0.0058	0.00053	1		06/13/24 11:35	156-60-5	R1
1,2-Dichloropropane	ND	mg/kg	0.0058	0.00045	1		06/13/24 11:35	78-87-5	
1,3-Dichloropropane	ND	mg/kg	0.0058	0.00030	1		06/13/24 11:35	142-28-9	
2,2-Dichloropropane	ND	mg/kg	0.0058	0.0019	1		06/13/24 11:35	594-20-7	
1,1-Dichloropropene	ND	mg/kg	0.0058	0.00030	1		06/13/24 11:35	563-58-6	
cis-1,3-Dichloropropene	ND	mg/kg	0.0058	0.0010	1		06/13/24 11:35	10061-01-5	
trans-1,3-Dichloropropene	ND	mg/kg	0.0058	0.0013	1		06/13/24 11:35	10061-02-6	
Ethylbenzene	ND	mg/kg	0.0058	0.00029	1		06/13/24 11:35	100-41-4	R1
Ethyl methacrylate	ND	mg/kg	0.12	0.0035	1		06/13/24 11:35	97-63-2	
Hexachloro-1,3-butadiene	ND	mg/kg	0.0058	0.00058	1		06/13/24 11:35	87-68-3	
n-Hexane	ND	mg/kg	0.0058	0.00057	1		06/13/24 11:35	110-54-3	
2-Hexanone	ND	mg/kg	0.12	0.0025	1		06/13/24 11:35	591-78-6	
Iodomethane	ND	mg/kg	0.12	0.0030	1		06/13/24 11:35	74-88-4	
Isopropylbenzene (Cumene)	ND	mg/kg	0.0058	0.00028	1		06/13/24 11:35	98-82-8	R1
p-Isopropyltoluene	ND	mg/kg	0.0058	0.00036	1		06/13/24 11:35	99-87-6	
Methylene Chloride	ND	mg/kg	0.023	0.014	1		06/13/24 11:35	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	mg/kg	0.029	0.0030	1		06/13/24 11:35	108-10-1	
Methyl-tert-butyl ether	ND	mg/kg	0.0058	0.00030	1		06/13/24 11:35	1634-04-4	
Naphthalene	ND	mg/kg	0.0058	0.0022	1		06/13/24 11:35	91-20-3	
n-Propylbenzene	ND	mg/kg	0.0058	0.00024	1		06/13/24 11:35	103-65-1	
Styrene	ND	mg/kg	0.0058	0.00027	1		06/13/24 11:35	100-42-5	
1,1,1,2-Tetrachloroethane	ND	mg/kg	0.0058	0.00031	1		06/13/24 11:35	630-20-6	
1,1,1,2,2-Tetrachloroethane	ND	mg/kg	0.0058	0.00064	1		06/13/24 11:35	79-34-5	
Tetrachloroethene	ND	mg/kg	0.0058	0.00036	1		06/13/24 11:35	127-18-4	
Toluene	ND	mg/kg	0.0058	0.00053	1		06/13/24 11:35	108-88-3	
1,2,3-Trichlorobenzene	ND	mg/kg	0.0058	0.0010	1		06/13/24 11:35	87-61-6	
1,2,4-Trichlorobenzene	ND	mg/kg	0.0058	0.00089	1		06/13/24 11:35	120-82-1	

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**ANALYTICAL RESULTS**

Project: Genesis Convention Center

Pace Project No.: 50375189

**Sample: SB-12 (1-3)**      **Lab ID: 50375189023**      Collected: 06/05/24 12:19      Received: 06/06/24 13:02      Matrix: Solid

*Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.*

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV 5035A VOA</b>									
Analytical Method: EPA 8260									
Pace Analytical Services - Indianapolis									
1,1,1-Trichloroethane	ND	mg/kg	0.0058	0.00040	1		06/13/24 11:35	71-55-6	
1,1,2-Trichloroethane	ND	mg/kg	0.0058	0.0011	1		06/13/24 11:35	79-00-5	
Trichloroethene	ND	mg/kg	0.0058	0.00045	1		06/13/24 11:35	79-01-6	R1
Trichlorofluoromethane	ND	mg/kg	0.0058	0.00046	1		06/13/24 11:35	75-69-4	
1,2,3-Trichloropropane	ND	mg/kg	0.0058	0.0015	1		06/13/24 11:35	96-18-4	
1,2,4-Trimethylbenzene	ND	mg/kg	0.0058	0.00081	1		06/13/24 11:35	95-63-6	R1
1,3,5-Trimethylbenzene	ND	mg/kg	0.0058	0.00030	1		06/13/24 11:35	108-67-8	
Vinyl acetate	ND	mg/kg	0.12	0.0014	1		06/13/24 11:35	108-05-4	
Vinyl chloride	ND	mg/kg	0.0058	0.0012	1		06/13/24 11:35	75-01-4	
Xylene (Total)	ND	mg/kg	0.012	0.0025	1		06/13/24 11:35	1330-20-7	
<b>Surrogates</b>									
Dibromofluoromethane (S)	109	%	75-135		1		06/13/24 11:35	1868-53-7	
Toluene-d8 (S)	102	%	65-148		1		06/13/24 11:35	2037-26-5	
4-Bromofluorobenzene (S)	107	%	63-132		1		06/13/24 11:35	460-00-4	

**Percent Moisture**

Analytical Method: SM 2540G

Pace Analytical Services - Indianapolis

Percent Moisture	<b>4.9</b>	%	0.10	0.10	1		06/18/24 13:58		N2
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## ANALYTICAL RESULTS

Project: Genesis Convention Center

Pace Project No.: 50375189

Sample: SB-12 (11-13) Lab ID: 50375189024 Collected: 06/05/24 12:28 Received: 06/06/24 13:02 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
<b>6010 MET ICP</b>									
Analytical Method: EPA 6010 Preparation Method: EPA 3050									
Pace Analytical Services - Indianapolis									
Lead	8.9	mg/kg	1.0	0.13	1	06/17/24 09:01	06/18/24 02:32	7439-92-1	
<b>8270 PAH Soil by SIM</b>									
Analytical Method: EPA 8270 by SIM Preparation Method: EPA 3546									
Pace Analytical Services - Indianapolis									
Acenaphthene	2.8	mg/kg	0.026	0.010	5	06/14/24 18:18	06/17/24 21:17	83-32-9	
Acenaphthylene	0.085	mg/kg	0.026	0.0096	5	06/14/24 18:18	06/17/24 21:17	208-96-8	
Anthracene	7.8	mg/kg	0.026	0.013	5	06/14/24 18:18	06/17/24 21:17	120-12-7	
Benzo(a)anthracene	11.6	mg/kg	0.026	0.0073	5	06/14/24 18:18	06/17/24 21:17	56-55-3	
Benzo(a)pyrene	9.3	mg/kg	0.026	0.015	5	06/14/24 18:18	06/17/24 21:17	50-32-8	
Benzo(b)fluoranthene	11.5	mg/kg	0.026	0.014	5	06/14/24 18:18	06/17/24 21:17	205-99-2	
Benzo(g,h,i)perylene	4.8	mg/kg	0.026	0.015	5	06/14/24 18:18	06/17/24 21:17	191-24-2	
Benzo(k)fluoranthene	4.5	mg/kg	0.026	0.012	5	06/14/24 18:18	06/17/24 21:17	207-08-9	
Chrysene	9.5	mg/kg	0.026	0.018	5	06/14/24 18:18	06/17/24 21:17	218-01-9	
Dibenz(a,h)anthracene	1.7	mg/kg	0.026	0.013	5	06/14/24 18:18	06/17/24 21:17	53-70-3	
Fluoranthene	25.4	mg/kg	0.026	0.018	5	06/14/24 18:18	06/17/24 21:17	206-44-0	
Fluorene	4.5	mg/kg	0.026	0.010	5	06/14/24 18:18	06/17/24 21:17	86-73-7	
Indeno(1,2,3-cd)pyrene	4.6	mg/kg	0.026	0.013	5	06/14/24 18:18	06/17/24 21:17	193-39-5	
1-Methylnaphthalene	0.95	mg/kg	0.026	0.010	5	06/14/24 18:18	06/17/24 21:17	90-12-0	
2-Methylnaphthalene	0.93	mg/kg	0.026	0.024	5	06/14/24 18:18	06/17/24 21:17	91-57-6	
Naphthalene	0.76	mg/kg	0.026	0.024	5	06/14/24 18:18	06/17/24 21:17	91-20-3	ED
Phenanthrene	26.0	mg/kg	0.026	0.018	5	06/14/24 18:18	06/17/24 21:17	85-01-8	
Pyrene	20.5	mg/kg	0.026	0.018	5	06/14/24 18:18	06/17/24 21:17	129-00-0	
<b>Surrogates</b>									
2-Fluorobiphenyl (S)	51	%	16-93		5	06/14/24 18:18	06/17/24 21:17	321-60-8	
p-Terphenyl-d14 (S)	61	%	19-115		5	06/14/24 18:18	06/17/24 21:17	1718-51-0	

**8260 MSV 5035A VOA**

Analytical Method: EPA 8260

Pace Analytical Services - Indianapolis

Acetone	ND	mg/kg	0.11	0.0062	1		06/13/24 12:36	67-64-1	
Acrolein	ND	mg/kg	0.11	0.019	1		06/13/24 12:36	107-02-8	
Acrylonitrile	ND	mg/kg	0.11	0.0019	1		06/13/24 12:36	107-13-1	
Benzene	ND	mg/kg	0.0057	0.00020	1		06/13/24 12:36	71-43-2	
Bromobenzene	ND	mg/kg	0.0057	0.00033	1		06/13/24 12:36	108-86-1	
Bromochloromethane	ND	mg/kg	0.0057	0.00040	1		06/13/24 12:36	74-97-5	
Bromodichloromethane	ND	mg/kg	0.0057	0.00035	1		06/13/24 12:36	75-27-4	
Bromoform	ND	mg/kg	0.0057	0.0021	1		06/13/24 12:36	75-25-2	
Bromomethane	ND	mg/kg	0.0057	0.0011	1		06/13/24 12:36	74-83-9	
2-Butanone (MEK)	ND	mg/kg	0.028	0.012	1		06/13/24 12:36	78-93-3	
n-Butylbenzene	ND	mg/kg	0.0057	0.00043	1		06/13/24 12:36	104-51-8	
sec-Butylbenzene	ND	mg/kg	0.0057	0.00029	1		06/13/24 12:36	135-98-8	
tert-Butylbenzene	ND	mg/kg	0.0057	0.00022	1		06/13/24 12:36	98-06-6	
Carbon disulfide	ND	mg/kg	0.011	0.00099	1		06/13/24 12:36	75-15-0	
Carbon tetrachloride	ND	mg/kg	0.0057	0.0016	1		06/13/24 12:36	56-23-5	
Chlorobenzene	ND	mg/kg	0.0057	0.00024	1		06/13/24 12:36	108-90-7	

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## ANALYTICAL RESULTS

Project: Genesis Convention Center

Pace Project No.: 50375189

Sample: SB-12 (11-13) Lab ID: 50375189024 Collected: 06/05/24 12:28 Received: 06/06/24 13:02 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV 5035A VOA</b>		Analytical Method: EPA 8260 Pace Analytical Services - Indianapolis							
Chloroethane	ND	mg/kg	0.0057	0.0010	1		06/13/24 12:36	75-00-3	
Chloroform	ND	mg/kg	0.0057	0.0031	1		06/13/24 12:36	67-66-3	
Chloromethane	ND	mg/kg	0.0057	0.00049	1		06/13/24 12:36	74-87-3	
2-Chlorotoluene	ND	mg/kg	0.0057	0.00026	1		06/13/24 12:36	95-49-8	
4-Chlorotoluene	ND	mg/kg	0.0057	0.00024	1		06/13/24 12:36	106-43-4	
Dibromochloromethane	ND	mg/kg	0.0057	0.00041	1		06/13/24 12:36	124-48-1	
1,2-Dibromoethane (EDB)	ND	mg/kg	0.0057	0.00045	1		06/13/24 12:36	106-93-4	
Dibromomethane	ND	mg/kg	0.0057	0.0013	1		06/13/24 12:36	74-95-3	
1,2-Dichlorobenzene	ND	mg/kg	0.0057	0.00033	1		06/13/24 12:36	95-50-1	
1,3-Dichlorobenzene	ND	mg/kg	0.0057	0.00032	1		06/13/24 12:36	541-73-1	
1,4-Dichlorobenzene	ND	mg/kg	0.0057	0.00034	1		06/13/24 12:36	106-46-7	
trans-1,4-Dichloro-2-butene	ND	mg/kg	0.11	0.0029	1		06/13/24 12:36	110-57-6	
Dichlorodifluoromethane	ND	mg/kg	0.0057	0.00042	1		06/13/24 12:36	75-71-8	
1,1-Dichloroethane	ND	mg/kg	0.0057	0.00026	1		06/13/24 12:36	75-34-3	
1,2-Dichloroethane	ND	mg/kg	0.0057	0.00029	1		06/13/24 12:36	107-06-2	
1,1-Dichloroethene	ND	mg/kg	0.0057	0.00046	1		06/13/24 12:36	75-35-4	
cis-1,2-Dichloroethene	ND	mg/kg	0.0057	0.00038	1		06/13/24 12:36	156-59-2	
trans-1,2-Dichloroethene	ND	mg/kg	0.0057	0.00052	1		06/13/24 12:36	156-60-5	
1,2-Dichloropropane	ND	mg/kg	0.0057	0.00044	1		06/13/24 12:36	78-87-5	
1,3-Dichloropropane	ND	mg/kg	0.0057	0.00030	1		06/13/24 12:36	142-28-9	
2,2-Dichloropropane	ND	mg/kg	0.0057	0.0019	1		06/13/24 12:36	594-20-7	
1,1-Dichloropropene	ND	mg/kg	0.0057	0.00030	1		06/13/24 12:36	563-58-6	
cis-1,3-Dichloropropene	ND	mg/kg	0.0057	0.0010	1		06/13/24 12:36	10061-01-5	
trans-1,3-Dichloropropene	ND	mg/kg	0.0057	0.0013	1		06/13/24 12:36	10061-02-6	
Ethylbenzene	ND	mg/kg	0.0057	0.00029	1		06/13/24 12:36	100-41-4	
Ethyl methacrylate	ND	mg/kg	0.11	0.0035	1		06/13/24 12:36	97-63-2	
Hexachloro-1,3-butadiene	ND	mg/kg	0.0057	0.00057	1		06/13/24 12:36	87-68-3	
n-Hexane	ND	mg/kg	0.0057	0.00056	1		06/13/24 12:36	110-54-3	
2-Hexanone	ND	mg/kg	0.11	0.0025	1		06/13/24 12:36	591-78-6	
Iodomethane	ND	mg/kg	0.11	0.0030	1		06/13/24 12:36	74-88-4	
Isopropylbenzene (Cumene)	ND	mg/kg	0.0057	0.00027	1		06/13/24 12:36	98-82-8	
p-Isopropyltoluene	ND	mg/kg	0.0057	0.00036	1		06/13/24 12:36	99-87-6	
Methylene Chloride	ND	mg/kg	0.023	0.014	1		06/13/24 12:36	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	mg/kg	0.028	0.0030	1		06/13/24 12:36	108-10-1	
Methyl-tert-butyl ether	ND	mg/kg	0.0057	0.00030	1		06/13/24 12:36	1634-04-4	
Naphthalene	ND	mg/kg	0.0057	0.0022	1		06/13/24 12:36	91-20-3	
n-Propylbenzene	ND	mg/kg	0.0057	0.00024	1		06/13/24 12:36	103-65-1	
Styrene	ND	mg/kg	0.0057	0.00027	1		06/13/24 12:36	100-42-5	
1,1,1,2-Tetrachloroethane	ND	mg/kg	0.0057	0.00031	1		06/13/24 12:36	630-20-6	
1,1,1,2,2-Tetrachloroethane	ND	mg/kg	0.0057	0.00063	1		06/13/24 12:36	79-34-5	
Tetrachloroethene	ND	mg/kg	0.0057	0.00035	1		06/13/24 12:36	127-18-4	
Toluene	ND	mg/kg	0.0057	0.00052	1		06/13/24 12:36	108-88-3	
1,2,3-Trichlorobenzene	ND	mg/kg	0.0057	0.00099	1		06/13/24 12:36	87-61-6	
1,2,4-Trichlorobenzene	ND	mg/kg	0.0057	0.00088	1		06/13/24 12:36	120-82-1	

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### ANALYTICAL RESULTS

Project: Genesis Convention Center

Pace Project No.: 50375189

Sample: SB-12 (11-13) Lab ID: 50375189024 Collected: 06/05/24 12:28 Received: 06/06/24 13:02 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV 5035A VOA</b>									
Analytical Method: EPA 8260									
Pace Analytical Services - Indianapolis									
1,1,1-Trichloroethane	ND	mg/kg	0.0057	0.00040	1		06/13/24 12:36	71-55-6	
1,1,2-Trichloroethane	ND	mg/kg	0.0057	0.0011	1		06/13/24 12:36	79-00-5	
Trichloroethene	ND	mg/kg	0.0057	0.00044	1		06/13/24 12:36	79-01-6	
Trichlorofluoromethane	ND	mg/kg	0.0057	0.00045	1		06/13/24 12:36	75-69-4	
1,2,3-Trichloropropane	ND	mg/kg	0.0057	0.0015	1		06/13/24 12:36	96-18-4	
1,2,4-Trimethylbenzene	ND	mg/kg	0.0057	0.00080	1		06/13/24 12:36	95-63-6	
1,3,5-Trimethylbenzene	ND	mg/kg	0.0057	0.00030	1		06/13/24 12:36	108-67-8	
Vinyl acetate	ND	mg/kg	0.11	0.0014	1		06/13/24 12:36	108-05-4	
Vinyl chloride	ND	mg/kg	0.0057	0.0012	1		06/13/24 12:36	75-01-4	
Xylene (Total)	ND	mg/kg	0.011	0.0025	1		06/13/24 12:36	1330-20-7	
<b>Surrogates</b>									
Dibromofluoromethane (S)	110	%	75-135		1		06/13/24 12:36	1868-53-7	
Toluene-d8 (S)	92	%	65-148		1		06/13/24 12:36	2037-26-5	
4-Bromofluorobenzene (S)	106	%	63-132		1		06/13/24 12:36	460-00-4	
<b>Percent Moisture</b>									
Analytical Method: SM 2540G									
Pace Analytical Services - Indianapolis									
Percent Moisture	4.9	%	0.10	0.10	1		06/18/24 13:58		N2

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## ANALYTICAL RESULTS

Project: Genesis Convention Center

Pace Project No.: 50375189

Sample: SB-13 (1-3) Lab ID: 50375189025 Collected: 06/05/24 12:59 Received: 06/06/24 13:02 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
<b>6010 MET ICP</b>									
Analytical Method: EPA 6010 Preparation Method: EPA 3050									
Pace Analytical Services - Indianapolis									
Lead	18.7	mg/kg	1.0	0.13	1	06/17/24 09:01	06/18/24 02:38	7439-92-1	
<b>8270 PAH Soil by SIM</b>									
Analytical Method: EPA 8270 by SIM Preparation Method: EPA 3546									
Pace Analytical Services - Indianapolis									
Acenaphthene	1.3	mg/kg	0.026	0.010	5	06/14/24 18:18	06/17/24 21:31	83-32-9	
Acenaphthylene	0.24	mg/kg	0.026	0.0097	5	06/14/24 18:18	06/17/24 21:31	208-96-8	
Anthracene	4.2	mg/kg	0.026	0.013	5	06/14/24 18:18	06/17/24 21:31	120-12-7	
Benzo(a)anthracene	15.4	mg/kg	0.026	0.0073	5	06/14/24 18:18	06/17/24 21:31	56-55-3	
Benzo(a)pyrene	14.7	mg/kg	0.026	0.015	5	06/14/24 18:18	06/17/24 21:31	50-32-8	
Benzo(b)fluoranthene	17.5	mg/kg	0.026	0.014	5	06/14/24 18:18	06/17/24 21:31	205-99-2	
Benzo(g,h,i)perylene	7.9	mg/kg	0.026	0.015	5	06/14/24 18:18	06/17/24 21:31	191-24-2	
Benzo(k)fluoranthene	8.0	mg/kg	0.026	0.012	5	06/14/24 18:18	06/17/24 21:31	207-08-9	
Chrysene	13.4	mg/kg	0.026	0.018	5	06/14/24 18:18	06/17/24 21:31	218-01-9	
Dibenz(a,h)anthracene	2.6	mg/kg	0.026	0.013	5	06/14/24 18:18	06/17/24 21:31	53-70-3	
Fluoranthene	32.0	mg/kg	0.026	0.018	5	06/14/24 18:18	06/17/24 21:31	206-44-0	
Fluorene	1.3	mg/kg	0.026	0.010	5	06/14/24 18:18	06/17/24 21:31	86-73-7	
Indeno(1,2,3-cd)pyrene	7.9	mg/kg	0.026	0.013	5	06/14/24 18:18	06/17/24 21:31	193-39-5	
1-Methylnaphthalene	0.12	mg/kg	0.026	0.010	5	06/14/24 18:18	06/17/24 21:31	90-12-0	
2-Methylnaphthalene	0.10	mg/kg	0.026	0.024	5	06/14/24 18:18	06/17/24 21:31	91-57-6	
Naphthalene	0.10	mg/kg	0.026	0.024	5	06/14/24 18:18	06/17/24 21:31	91-20-3	ED
Phenanthrene	14.2	mg/kg	0.026	0.018	5	06/14/24 18:18	06/17/24 21:31	85-01-8	
Pyrene	28.3	mg/kg	0.026	0.018	5	06/14/24 18:18	06/17/24 21:31	129-00-0	
<b>Surrogates</b>									
2-Fluorobiphenyl (S)	51	%	16-93		5	06/14/24 18:18	06/17/24 21:31	321-60-8	
p-Terphenyl-d14 (S)	61	%	19-115		5	06/14/24 18:18	06/17/24 21:31	1718-51-0	
<b>8260 MSV 5035A VOA</b>									
Analytical Method: EPA 8260									
Pace Analytical Services - Indianapolis									
Acetone	ND	mg/kg	0.14	0.0075	1		06/13/24 13:06	67-64-1	
Acrolein	ND	mg/kg	0.14	0.022	1		06/13/24 13:06	107-02-8	
Acrylonitrile	ND	mg/kg	0.14	0.0023	1		06/13/24 13:06	107-13-1	
Benzene	ND	mg/kg	0.0069	0.00024	1		06/13/24 13:06	71-43-2	
Bromobenzene	ND	mg/kg	0.0069	0.00040	1		06/13/24 13:06	108-86-1	
Bromochloromethane	ND	mg/kg	0.0069	0.00048	1		06/13/24 13:06	74-97-5	
Bromodichloromethane	ND	mg/kg	0.0069	0.00042	1		06/13/24 13:06	75-27-4	
Bromoform	ND	mg/kg	0.0069	0.0025	1		06/13/24 13:06	75-25-2	
Bromomethane	ND	mg/kg	0.0069	0.0013	1		06/13/24 13:06	74-83-9	
2-Butanone (MEK)	ND	mg/kg	0.034	0.014	1		06/13/24 13:06	78-93-3	
n-Butylbenzene	ND	mg/kg	0.0069	0.00052	1		06/13/24 13:06	104-51-8	
sec-Butylbenzene	ND	mg/kg	0.0069	0.00035	1		06/13/24 13:06	135-98-8	
tert-Butylbenzene	ND	mg/kg	0.0069	0.00026	1		06/13/24 13:06	98-06-6	
Carbon disulfide	ND	mg/kg	0.014	0.0012	1		06/13/24 13:06	75-15-0	
Carbon tetrachloride	ND	mg/kg	0.0069	0.0019	1		06/13/24 13:06	56-23-5	
Chlorobenzene	ND	mg/kg	0.0069	0.00028	1		06/13/24 13:06	108-90-7	

## REPORT OF LABORATORY ANALYSIS

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## ANALYTICAL RESULTS

Project: Genesis Convention Center

Pace Project No.: 50375189

Sample: SB-13 (1-3) Lab ID: 50375189025 Collected: 06/05/24 12:59 Received: 06/06/24 13:02 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV 5035A VOA</b>		Analytical Method: EPA 8260 Pace Analytical Services - Indianapolis							
Chloroethane	ND	mg/kg	0.0069	0.0013	1		06/13/24 13:06	75-00-3	
Chloroform	ND	mg/kg	0.0069	0.0037	1		06/13/24 13:06	67-66-3	
Chloromethane	ND	mg/kg	0.0069	0.00059	1		06/13/24 13:06	74-87-3	
2-Chlorotoluene	ND	mg/kg	0.0069	0.00031	1		06/13/24 13:06	95-49-8	
4-Chlorotoluene	ND	mg/kg	0.0069	0.00029	1		06/13/24 13:06	106-43-4	
Dibromochloromethane	ND	mg/kg	0.0069	0.00049	1		06/13/24 13:06	124-48-1	
1,2-Dibromoethane (EDB)	ND	mg/kg	0.0069	0.00055	1		06/13/24 13:06	106-93-4	
Dibromomethane	ND	mg/kg	0.0069	0.0015	1		06/13/24 13:06	74-95-3	
1,2-Dichlorobenzene	ND	mg/kg	0.0069	0.00040	1		06/13/24 13:06	95-50-1	
1,3-Dichlorobenzene	ND	mg/kg	0.0069	0.00038	1		06/13/24 13:06	541-73-1	
1,4-Dichlorobenzene	ND	mg/kg	0.0069	0.00041	1		06/13/24 13:06	106-46-7	
trans-1,4-Dichloro-2-butene	ND	mg/kg	0.14	0.0035	1		06/13/24 13:06	110-57-6	
Dichlorodifluoromethane	ND	mg/kg	0.0069	0.00051	1		06/13/24 13:06	75-71-8	
1,1-Dichloroethane	ND	mg/kg	0.0069	0.00031	1		06/13/24 13:06	75-34-3	
1,2-Dichloroethane	ND	mg/kg	0.0069	0.00035	1		06/13/24 13:06	107-06-2	
1,1-Dichloroethene	ND	mg/kg	0.0069	0.00056	1		06/13/24 13:06	75-35-4	
cis-1,2-Dichloroethene	ND	mg/kg	0.0069	0.00046	1		06/13/24 13:06	156-59-2	
trans-1,2-Dichloroethene	ND	mg/kg	0.0069	0.00063	1		06/13/24 13:06	156-60-5	
1,2-Dichloropropane	ND	mg/kg	0.0069	0.00053	1		06/13/24 13:06	78-87-5	
1,3-Dichloropropane	ND	mg/kg	0.0069	0.00036	1		06/13/24 13:06	142-28-9	
2,2-Dichloropropane	ND	mg/kg	0.0069	0.0023	1		06/13/24 13:06	594-20-7	
1,1-Dichloropropene	ND	mg/kg	0.0069	0.00036	1		06/13/24 13:06	563-58-6	
cis-1,3-Dichloropropene	ND	mg/kg	0.0069	0.0012	1		06/13/24 13:06	10061-01-5	
trans-1,3-Dichloropropene	ND	mg/kg	0.0069	0.0016	1		06/13/24 13:06	10061-02-6	
Ethylbenzene	ND	mg/kg	0.0069	0.00035	1		06/13/24 13:06	100-41-4	
Ethyl methacrylate	ND	mg/kg	0.14	0.0042	1		06/13/24 13:06	97-63-2	
Hexachloro-1,3-butadiene	ND	mg/kg	0.0069	0.00069	1		06/13/24 13:06	87-68-3	
n-Hexane	ND	mg/kg	0.0069	0.00068	1		06/13/24 13:06	110-54-3	
2-Hexanone	ND	mg/kg	0.14	0.0030	1		06/13/24 13:06	591-78-6	
Iodomethane	ND	mg/kg	0.14	0.0036	1		06/13/24 13:06	74-88-4	
Isopropylbenzene (Cumene)	ND	mg/kg	0.0069	0.00033	1		06/13/24 13:06	98-82-8	
p-Isopropyltoluene	ND	mg/kg	0.0069	0.00043	1		06/13/24 13:06	99-87-6	
Methylene Chloride	ND	mg/kg	0.027	0.017	1		06/13/24 13:06	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	mg/kg	0.034	0.0036	1		06/13/24 13:06	108-10-1	
Methyl-tert-butyl ether	ND	mg/kg	0.0069	0.00036	1		06/13/24 13:06	1634-04-4	
Naphthalene	ND	mg/kg	0.0069	0.0026	1		06/13/24 13:06	91-20-3	
n-Propylbenzene	ND	mg/kg	0.0069	0.00029	1		06/13/24 13:06	103-65-1	
Styrene	ND	mg/kg	0.0069	0.00032	1		06/13/24 13:06	100-42-5	
1,1,1,2-Tetrachloroethane	ND	mg/kg	0.0069	0.00037	1		06/13/24 13:06	630-20-6	
1,1,1,2,2-Tetrachloroethane	ND	mg/kg	0.0069	0.00076	1		06/13/24 13:06	79-34-5	
Tetrachloroethene	ND	mg/kg	0.0069	0.00043	1		06/13/24 13:06	127-18-4	
Toluene	ND	mg/kg	0.0069	0.00063	1		06/13/24 13:06	108-88-3	
1,2,3-Trichlorobenzene	ND	mg/kg	0.0069	0.0012	1		06/13/24 13:06	87-61-6	
1,2,4-Trichlorobenzene	ND	mg/kg	0.0069	0.0011	1		06/13/24 13:06	120-82-1	

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### ANALYTICAL RESULTS

Project: Genesis Convention Center

Pace Project No.: 50375189

Sample: SB-13 (1-3) Lab ID: 50375189025 Collected: 06/05/24 12:59 Received: 06/06/24 13:02 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV 5035A VOA</b>									
Analytical Method: EPA 8260									
Pace Analytical Services - Indianapolis									
1,1,1-Trichloroethane	ND	mg/kg	0.0069	0.00048	1		06/13/24 13:06	71-55-6	
1,1,2-Trichloroethane	ND	mg/kg	0.0069	0.0013	1		06/13/24 13:06	79-00-5	
Trichloroethene	ND	mg/kg	0.0069	0.00053	1		06/13/24 13:06	79-01-6	
Trichlorofluoromethane	ND	mg/kg	0.0069	0.00054	1		06/13/24 13:06	75-69-4	
1,2,3-Trichloropropane	ND	mg/kg	0.0069	0.0018	1		06/13/24 13:06	96-18-4	
1,2,4-Trimethylbenzene	ND	mg/kg	0.0069	0.00096	1		06/13/24 13:06	95-63-6	
1,3,5-Trimethylbenzene	ND	mg/kg	0.0069	0.00036	1		06/13/24 13:06	108-67-8	
Vinyl acetate	ND	mg/kg	0.14	0.0016	1		06/13/24 13:06	108-05-4	
Vinyl chloride	ND	mg/kg	0.0069	0.0015	1		06/13/24 13:06	75-01-4	
Xylene (Total)	ND	mg/kg	0.014	0.0030	1		06/13/24 13:06	1330-20-7	
<b>Surrogates</b>									
Dibromofluoromethane (S)	109	%	75-135		1		06/13/24 13:06	1868-53-7	
Toluene-d8 (S)	97	%	65-148		1		06/13/24 13:06	2037-26-5	
4-Bromofluorobenzene (S)	101	%	63-132		1		06/13/24 13:06	460-00-4	
<b>Percent Moisture</b>									
Analytical Method: SM 2540G									
Pace Analytical Services - Indianapolis									
Percent Moisture	5.1	%	0.10	0.10	1		06/18/24 13:58		N2

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## ANALYTICAL RESULTS

Project: Genesis Convention Center

Pace Project No.: 50375189

Sample: SB-13 (11-13) Lab ID: 50375189026 Collected: 06/05/24 13:09 Received: 06/06/24 13:02 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
<b>6010 MET ICP</b>									
Analytical Method: EPA 6010 Preparation Method: EPA 3050									
Pace Analytical Services - Indianapolis									
Lead	1.9	mg/kg	0.89	0.11	1	06/17/24 09:01	06/18/24 02:40	7439-92-1	
<b>8270 PAH Soil by SIM</b>									
Analytical Method: EPA 8270 by SIM Preparation Method: EPA 3546									
Pace Analytical Services - Indianapolis									
Acenaphthene	ND	mg/kg	0.0050	0.0020	1	06/14/24 18:18	06/17/24 21:46	83-32-9	
Acenaphthylene	ND	mg/kg	0.0050	0.0019	1	06/14/24 18:18	06/17/24 21:46	208-96-8	
Anthracene	ND	mg/kg	0.0050	0.0025	1	06/14/24 18:18	06/17/24 21:46	120-12-7	
Benzo(a)anthracene	0.0077	mg/kg	0.0050	0.0014	1	06/14/24 18:18	06/17/24 21:46	56-55-3	
Benzo(a)pyrene	0.0076	mg/kg	0.0050	0.0030	1	06/14/24 18:18	06/17/24 21:46	50-32-8	
Benzo(b)fluoranthene	0.010	mg/kg	0.0050	0.0028	1	06/14/24 18:18	06/17/24 21:46	205-99-2	
Benzo(g,h,i)perylene	0.0055	mg/kg	0.0050	0.0030	1	06/14/24 18:18	06/17/24 21:46	191-24-2	
Benzo(k)fluoranthene	ND	mg/kg	0.0050	0.0023	1	06/14/24 18:18	06/17/24 21:46	207-08-9	
Chrysene	0.0072	mg/kg	0.0050	0.0034	1	06/14/24 18:18	06/17/24 21:46	218-01-9	
Dibenz(a,h)anthracene	ND	mg/kg	0.0050	0.0025	1	06/14/24 18:18	06/17/24 21:46	53-70-3	
Fluoranthene	0.015	mg/kg	0.0050	0.0035	1	06/14/24 18:18	06/17/24 21:46	206-44-0	
Fluorene	ND	mg/kg	0.0050	0.0020	1	06/14/24 18:18	06/17/24 21:46	86-73-7	
Indeno(1,2,3-cd)pyrene	ND	mg/kg	0.0050	0.0025	1	06/14/24 18:18	06/17/24 21:46	193-39-5	
1-Methylnaphthalene	ND	mg/kg	0.0050	0.0020	1	06/14/24 18:18	06/17/24 21:46	90-12-0	
2-Methylnaphthalene	ND	mg/kg	0.0050	0.0047	1	06/14/24 18:18	06/17/24 21:46	91-57-6	
Naphthalene	ND	mg/kg	0.0050	0.0046	1	06/14/24 18:18	06/17/24 21:46	91-20-3	
Phenanthrene	0.0074	mg/kg	0.0050	0.0036	1	06/14/24 18:18	06/17/24 21:46	85-01-8	
Pyrene	0.012	mg/kg	0.0050	0.0034	1	06/14/24 18:18	06/17/24 21:46	129-00-0	
<b>Surrogates</b>									
2-Fluorobiphenyl (S)	57	%	16-93		1	06/14/24 18:18	06/17/24 21:46	321-60-8	
p-Terphenyl-d14 (S)	70	%	19-115		1	06/14/24 18:18	06/17/24 21:46	1718-51-0	
<b>8260 MSV 5035A VOA</b>									
Analytical Method: EPA 8260									
Pace Analytical Services - Indianapolis									
Acetone	ND	mg/kg	0.12	0.0067	1		06/13/24 13:37	67-64-1	
Acrolein	ND	mg/kg	0.12	0.020	1		06/13/24 13:37	107-02-8	
Acrylonitrile	ND	mg/kg	0.12	0.0021	1		06/13/24 13:37	107-13-1	
Benzene	ND	mg/kg	0.0061	0.00021	1		06/13/24 13:37	71-43-2	
Bromobenzene	ND	mg/kg	0.0061	0.00036	1		06/13/24 13:37	108-86-1	
Bromochloromethane	ND	mg/kg	0.0061	0.00043	1		06/13/24 13:37	74-97-5	
Bromodichloromethane	ND	mg/kg	0.0061	0.00037	1		06/13/24 13:37	75-27-4	
Bromoform	ND	mg/kg	0.0061	0.0023	1		06/13/24 13:37	75-25-2	
Bromomethane	ND	mg/kg	0.0061	0.0012	1		06/13/24 13:37	74-83-9	
2-Butanone (MEK)	ND	mg/kg	0.031	0.013	1		06/13/24 13:37	78-93-3	
n-Butylbenzene	ND	mg/kg	0.0061	0.00047	1		06/13/24 13:37	104-51-8	
sec-Butylbenzene	ND	mg/kg	0.0061	0.00031	1		06/13/24 13:37	135-98-8	
tert-Butylbenzene	ND	mg/kg	0.0061	0.00024	1		06/13/24 13:37	98-06-6	
Carbon disulfide	ND	mg/kg	0.012	0.0011	1		06/13/24 13:37	75-15-0	
Carbon tetrachloride	ND	mg/kg	0.0061	0.0017	1		06/13/24 13:37	56-23-5	
Chlorobenzene	ND	mg/kg	0.0061	0.00025	1		06/13/24 13:37	108-90-7	

## REPORT OF LABORATORY ANALYSIS

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## ANALYTICAL RESULTS

Project: Genesis Convention Center

Pace Project No.: 50375189

Sample: SB-13 (11-13) Lab ID: 50375189026 Collected: 06/05/24 13:09 Received: 06/06/24 13:02 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV 5035A VOA</b>		Analytical Method: EPA 8260 Pace Analytical Services - Indianapolis							
Chloroethane	ND	mg/kg	0.0061	0.0011	1		06/13/24 13:37	75-00-3	
Chloroform	ND	mg/kg	0.0061	0.0033	1		06/13/24 13:37	67-66-3	
Chloromethane	ND	mg/kg	0.0061	0.00053	1		06/13/24 13:37	74-87-3	
2-Chlorotoluene	ND	mg/kg	0.0061	0.00028	1		06/13/24 13:37	95-49-8	
4-Chlorotoluene	ND	mg/kg	0.0061	0.00026	1		06/13/24 13:37	106-43-4	
Dibromochloromethane	ND	mg/kg	0.0061	0.00044	1		06/13/24 13:37	124-48-1	
1,2-Dibromoethane (EDB)	ND	mg/kg	0.0061	0.00049	1		06/13/24 13:37	106-93-4	
Dibromomethane	ND	mg/kg	0.0061	0.0014	1		06/13/24 13:37	74-95-3	
1,2-Dichlorobenzene	ND	mg/kg	0.0061	0.00036	1		06/13/24 13:37	95-50-1	
1,3-Dichlorobenzene	ND	mg/kg	0.0061	0.00034	1		06/13/24 13:37	541-73-1	
1,4-Dichlorobenzene	ND	mg/kg	0.0061	0.00037	1		06/13/24 13:37	106-46-7	
trans-1,4-Dichloro-2-butene	ND	mg/kg	0.12	0.0031	1		06/13/24 13:37	110-57-6	
Dichlorodifluoromethane	ND	mg/kg	0.0061	0.00045	1		06/13/24 13:37	75-71-8	
1,1-Dichloroethane	ND	mg/kg	0.0061	0.00028	1		06/13/24 13:37	75-34-3	
1,2-Dichloroethane	ND	mg/kg	0.0061	0.00031	1		06/13/24 13:37	107-06-2	
1,1-Dichloroethene	ND	mg/kg	0.0061	0.00050	1		06/13/24 13:37	75-35-4	
cis-1,2-Dichloroethene	ND	mg/kg	0.0061	0.00041	1		06/13/24 13:37	156-59-2	
trans-1,2-Dichloroethene	ND	mg/kg	0.0061	0.00056	1		06/13/24 13:37	156-60-5	
1,2-Dichloropropane	ND	mg/kg	0.0061	0.00048	1		06/13/24 13:37	78-87-5	
1,3-Dichloropropane	ND	mg/kg	0.0061	0.00032	1		06/13/24 13:37	142-28-9	
2,2-Dichloropropane	ND	mg/kg	0.0061	0.0021	1		06/13/24 13:37	594-20-7	
1,1-Dichloropropene	ND	mg/kg	0.0061	0.00032	1		06/13/24 13:37	563-58-6	
cis-1,3-Dichloropropene	ND	mg/kg	0.0061	0.0011	1		06/13/24 13:37	10061-01-5	
trans-1,3-Dichloropropene	ND	mg/kg	0.0061	0.0014	1		06/13/24 13:37	10061-02-6	
Ethylbenzene	ND	mg/kg	0.0061	0.00031	1		06/13/24 13:37	100-41-4	
Ethyl methacrylate	ND	mg/kg	0.12	0.0037	1		06/13/24 13:37	97-63-2	
Hexachloro-1,3-butadiene	ND	mg/kg	0.0061	0.00062	1		06/13/24 13:37	87-68-3	
n-Hexane	ND	mg/kg	0.0061	0.00061	1		06/13/24 13:37	110-54-3	
2-Hexanone	ND	mg/kg	0.12	0.0027	1		06/13/24 13:37	591-78-6	
Iodomethane	ND	mg/kg	0.12	0.0032	1		06/13/24 13:37	74-88-4	
Isopropylbenzene (Cumene)	ND	mg/kg	0.0061	0.00029	1		06/13/24 13:37	98-82-8	
p-Isopropyltoluene	ND	mg/kg	0.0061	0.00038	1		06/13/24 13:37	99-87-6	
Methylene Chloride	ND	mg/kg	0.025	0.015	1		06/13/24 13:37	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	mg/kg	0.031	0.0032	1		06/13/24 13:37	108-10-1	
Methyl-tert-butyl ether	ND	mg/kg	0.0061	0.00032	1		06/13/24 13:37	1634-04-4	
Naphthalene	ND	mg/kg	0.0061	0.0023	1		06/13/24 13:37	91-20-3	
n-Propylbenzene	ND	mg/kg	0.0061	0.00026	1		06/13/24 13:37	103-65-1	
Styrene	ND	mg/kg	0.0061	0.00029	1		06/13/24 13:37	100-42-5	
1,1,1,2-Tetrachloroethane	ND	mg/kg	0.0061	0.00033	1		06/13/24 13:37	630-20-6	
1,1,2,2-Tetrachloroethane	ND	mg/kg	0.0061	0.00068	1		06/13/24 13:37	79-34-5	
Tetrachloroethene	ND	mg/kg	0.0061	0.00038	1		06/13/24 13:37	127-18-4	
Toluene	ND	mg/kg	0.0061	0.00057	1		06/13/24 13:37	108-88-3	
1,2,3-Trichlorobenzene	ND	mg/kg	0.0061	0.0011	1		06/13/24 13:37	87-61-6	
1,2,4-Trichlorobenzene	ND	mg/kg	0.0061	0.00095	1		06/13/24 13:37	120-82-1	

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### ANALYTICAL RESULTS

Project: Genesis Convention Center

Pace Project No.: 50375189

Sample: SB-13 (11-13) Lab ID: 50375189026 Collected: 06/05/24 13:09 Received: 06/06/24 13:02 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV 5035A VOA</b>									
Analytical Method: EPA 8260									
Pace Analytical Services - Indianapolis									
1,1,1-Trichloroethane	ND	mg/kg	0.0061	0.00043	1		06/13/24 13:37	71-55-6	
1,1,2-Trichloroethane	ND	mg/kg	0.0061	0.0011	1		06/13/24 13:37	79-00-5	
Trichloroethene	ND	mg/kg	0.0061	0.00048	1		06/13/24 13:37	79-01-6	
Trichlorofluoromethane	ND	mg/kg	0.0061	0.00049	1		06/13/24 13:37	75-69-4	
1,2,3-Trichloropropane	ND	mg/kg	0.0061	0.0016	1		06/13/24 13:37	96-18-4	
1,2,4-Trimethylbenzene	ND	mg/kg	0.0061	0.00086	1		06/13/24 13:37	95-63-6	
1,3,5-Trimethylbenzene	ND	mg/kg	0.0061	0.00032	1		06/13/24 13:37	108-67-8	
Vinyl acetate	ND	mg/kg	0.12	0.0015	1		06/13/24 13:37	108-05-4	
Vinyl chloride	ND	mg/kg	0.0061	0.0013	1		06/13/24 13:37	75-01-4	
Xylene (Total)	ND	mg/kg	0.012	0.0027	1		06/13/24 13:37	1330-20-7	
<b>Surrogates</b>									
Dibromofluoromethane (S)	109	%	75-135		1		06/13/24 13:37	1868-53-7	
Toluene-d8 (S)	102	%	65-148		1		06/13/24 13:37	2037-26-5	
4-Bromofluorobenzene (S)	122	%	63-132		1		06/13/24 13:37	460-00-4	

#### Percent Moisture

Analytical Method: SM 2540G

Pace Analytical Services - Indianapolis

Percent Moisture	5.7	%	0.10	0.10	1		06/18/24 13:58		N2
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## ANALYTICAL RESULTS

Project: Genesis Convention Center

Pace Project No.: 50375189

Sample: SB-14 (1-3) Lab ID: 50375189027 Collected: 06/05/24 11:30 Received: 06/06/24 13:02 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
<b>6010 MET ICP</b>									
Analytical Method: EPA 6010 Preparation Method: EPA 3050									
Pace Analytical Services - Indianapolis									
Lead	16.1	mg/kg	1.0	0.13	1	06/17/24 09:01	06/18/24 02:41	7439-92-1	
<b>8270 PAH Soil by SIM</b>									
Analytical Method: EPA 8270 by SIM Preparation Method: EPA 3546									
Pace Analytical Services - Indianapolis									
Acenaphthene	ND	mg/kg	0.0054	0.0022	1	06/14/24 18:18	06/17/24 22:00	83-32-9	
Acenaphthylene	0.0081	mg/kg	0.0054	0.0020	1	06/14/24 18:18	06/17/24 22:00	208-96-8	
Anthracene	0.0088	mg/kg	0.0054	0.0027	1	06/14/24 18:18	06/17/24 22:00	120-12-7	
Benzo(a)anthracene	0.057	mg/kg	0.0054	0.0015	1	06/14/24 18:18	06/17/24 22:00	56-55-3	
Benzo(a)pyrene	0.078	mg/kg	0.0054	0.0032	1	06/14/24 18:18	06/17/24 22:00	50-32-8	
Benzo(b)fluoranthene	0.11	mg/kg	0.0054	0.0030	1	06/14/24 18:18	06/17/24 22:00	205-99-2	
Benzo(g,h,i)perylene	0.054	mg/kg	0.0054	0.0032	1	06/14/24 18:18	06/17/24 22:00	191-24-2	
Benzo(k)fluoranthene	0.040	mg/kg	0.0054	0.0025	1	06/14/24 18:18	06/17/24 22:00	207-08-9	
Chrysene	0.062	mg/kg	0.0054	0.0037	1	06/14/24 18:18	06/17/24 22:00	218-01-9	
Dibenz(a,h)anthracene	0.015	mg/kg	0.0054	0.0027	1	06/14/24 18:18	06/17/24 22:00	53-70-3	
Fluoranthene	0.099	mg/kg	0.0054	0.0038	1	06/14/24 18:18	06/17/24 22:00	206-44-0	
Fluorene	ND	mg/kg	0.0054	0.0022	1	06/14/24 18:18	06/17/24 22:00	86-73-7	
Indeno(1,2,3-cd)pyrene	0.050	mg/kg	0.0054	0.0028	1	06/14/24 18:18	06/17/24 22:00	193-39-5	
1-Methylnaphthalene	ND	mg/kg	0.0054	0.0022	1	06/14/24 18:18	06/17/24 22:00	90-12-0	
2-Methylnaphthalene	ND	mg/kg	0.0054	0.0051	1	06/14/24 18:18	06/17/24 22:00	91-57-6	
Naphthalene	ND	mg/kg	0.0054	0.0050	1	06/14/24 18:18	06/17/24 22:00	91-20-3	
Phenanthrene	0.027	mg/kg	0.0054	0.0039	1	06/14/24 18:18	06/17/24 22:00	85-01-8	
Pyrene	0.099	mg/kg	0.0054	0.0037	1	06/14/24 18:18	06/17/24 22:00	129-00-0	
<b>Surrogates</b>									
2-Fluorobiphenyl (S)	63	%	16-93		1	06/14/24 18:18	06/17/24 22:00	321-60-8	
p-Terphenyl-d14 (S)	77	%	19-115		1	06/14/24 18:18	06/17/24 22:00	1718-51-0	
<b>8260 MSV 5035A VOA</b>									
Analytical Method: EPA 8260									
Pace Analytical Services - Indianapolis									
Acetone	ND	mg/kg	0.12	0.0066	1		06/13/24 14:07	67-64-1	
Acrolein	ND	mg/kg	0.12	0.020	1		06/13/24 14:07	107-02-8	
Acrylonitrile	ND	mg/kg	0.12	0.0021	1		06/13/24 14:07	107-13-1	
Benzene	ND	mg/kg	0.0061	0.00021	1		06/13/24 14:07	71-43-2	
Bromobenzene	ND	mg/kg	0.0061	0.00036	1		06/13/24 14:07	108-86-1	
Bromochloromethane	ND	mg/kg	0.0061	0.00042	1		06/13/24 14:07	74-97-5	
Bromodichloromethane	ND	mg/kg	0.0061	0.00037	1		06/13/24 14:07	75-27-4	
Bromoform	ND	mg/kg	0.0061	0.0022	1		06/13/24 14:07	75-25-2	
Bromomethane	ND	mg/kg	0.0061	0.0011	1		06/13/24 14:07	74-83-9	
2-Butanone (MEK)	ND	mg/kg	0.030	0.013	1		06/13/24 14:07	78-93-3	
n-Butylbenzene	ND	mg/kg	0.0061	0.00046	1		06/13/24 14:07	104-51-8	
sec-Butylbenzene	ND	mg/kg	0.0061	0.00031	1		06/13/24 14:07	135-98-8	
tert-Butylbenzene	ND	mg/kg	0.0061	0.00023	1		06/13/24 14:07	98-06-6	
Carbon disulfide	ND	mg/kg	0.012	0.0011	1		06/13/24 14:07	75-15-0	
Carbon tetrachloride	ND	mg/kg	0.0061	0.0017	1		06/13/24 14:07	56-23-5	
Chlorobenzene	ND	mg/kg	0.0061	0.00025	1		06/13/24 14:07	108-90-7	

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## ANALYTICAL RESULTS

Project: Genesis Convention Center

Pace Project No.: 50375189

Sample: SB-14 (1-3) Lab ID: 50375189027 Collected: 06/05/24 11:30 Received: 06/06/24 13:02 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV 5035A VOA</b>		Analytical Method: EPA 8260 Pace Analytical Services - Indianapolis							
Chloroethane	ND	mg/kg	0.0061	0.0011	1		06/13/24 14:07	75-00-3	
Chloroform	ND	mg/kg	0.0061	0.0033	1		06/13/24 14:07	67-66-3	
Chloromethane	ND	mg/kg	0.0061	0.00052	1		06/13/24 14:07	74-87-3	
2-Chlorotoluene	ND	mg/kg	0.0061	0.00028	1		06/13/24 14:07	95-49-8	
4-Chlorotoluene	ND	mg/kg	0.0061	0.00026	1		06/13/24 14:07	106-43-4	
Dibromochloromethane	ND	mg/kg	0.0061	0.00043	1		06/13/24 14:07	124-48-1	
1,2-Dibromoethane (EDB)	ND	mg/kg	0.0061	0.00048	1		06/13/24 14:07	106-93-4	
Dibromomethane	ND	mg/kg	0.0061	0.0013	1		06/13/24 14:07	74-95-3	
1,2-Dichlorobenzene	ND	mg/kg	0.0061	0.00035	1		06/13/24 14:07	95-50-1	
1,3-Dichlorobenzene	ND	mg/kg	0.0061	0.00034	1		06/13/24 14:07	541-73-1	
1,4-Dichlorobenzene	ND	mg/kg	0.0061	0.00036	1		06/13/24 14:07	106-46-7	
trans-1,4-Dichloro-2-butene	ND	mg/kg	0.12	0.0031	1		06/13/24 14:07	110-57-6	
Dichlorodifluoromethane	ND	mg/kg	0.0061	0.00045	1		06/13/24 14:07	75-71-8	
1,1-Dichloroethane	ND	mg/kg	0.0061	0.00027	1		06/13/24 14:07	75-34-3	
1,2-Dichloroethane	ND	mg/kg	0.0061	0.00031	1		06/13/24 14:07	107-06-2	
1,1-Dichloroethene	ND	mg/kg	0.0061	0.00049	1		06/13/24 14:07	75-35-4	
cis-1,2-Dichloroethene	ND	mg/kg	0.0061	0.00041	1		06/13/24 14:07	156-59-2	
trans-1,2-Dichloroethene	ND	mg/kg	0.0061	0.00056	1		06/13/24 14:07	156-60-5	
1,2-Dichloropropane	ND	mg/kg	0.0061	0.00047	1		06/13/24 14:07	78-87-5	
1,3-Dichloropropane	ND	mg/kg	0.0061	0.00032	1		06/13/24 14:07	142-28-9	
2,2-Dichloropropane	ND	mg/kg	0.0061	0.0020	1		06/13/24 14:07	594-20-7	
1,1-Dichloropropene	ND	mg/kg	0.0061	0.00032	1		06/13/24 14:07	563-58-6	
cis-1,3-Dichloropropene	ND	mg/kg	0.0061	0.0011	1		06/13/24 14:07	10061-01-5	
trans-1,3-Dichloropropene	ND	mg/kg	0.0061	0.0014	1		06/13/24 14:07	10061-02-6	
Ethylbenzene	ND	mg/kg	0.0061	0.00031	1		06/13/24 14:07	100-41-4	
Ethyl methacrylate	ND	mg/kg	0.12	0.0037	1		06/13/24 14:07	97-63-2	
Hexachloro-1,3-butadiene	ND	mg/kg	0.0061	0.00061	1		06/13/24 14:07	87-68-3	
n-Hexane	ND	mg/kg	0.0061	0.00060	1		06/13/24 14:07	110-54-3	
2-Hexanone	ND	mg/kg	0.12	0.0026	1		06/13/24 14:07	591-78-6	
Iodomethane	ND	mg/kg	0.12	0.0032	1		06/13/24 14:07	74-88-4	
Isopropylbenzene (Cumene)	ND	mg/kg	0.0061	0.00029	1		06/13/24 14:07	98-82-8	
p-Isopropyltoluene	ND	mg/kg	0.0061	0.00038	1		06/13/24 14:07	99-87-6	
Methylene Chloride	ND	mg/kg	0.024	0.015	1		06/13/24 14:07	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	mg/kg	0.030	0.0032	1		06/13/24 14:07	108-10-1	
Methyl-tert-butyl ether	ND	mg/kg	0.0061	0.00031	1		06/13/24 14:07	1634-04-4	
Naphthalene	ND	mg/kg	0.0061	0.0023	1		06/13/24 14:07	91-20-3	
n-Propylbenzene	ND	mg/kg	0.0061	0.00025	1		06/13/24 14:07	103-65-1	
Styrene	ND	mg/kg	0.0061	0.00029	1		06/13/24 14:07	100-42-5	
1,1,1,2-Tetrachloroethane	ND	mg/kg	0.0061	0.00033	1		06/13/24 14:07	630-20-6	
1,1,2,2-Tetrachloroethane	ND	mg/kg	0.0061	0.00067	1		06/13/24 14:07	79-34-5	
Tetrachloroethene	ND	mg/kg	0.0061	0.00038	1		06/13/24 14:07	127-18-4	
Toluene	ND	mg/kg	0.0061	0.00056	1		06/13/24 14:07	108-88-3	
1,2,3-Trichlorobenzene	ND	mg/kg	0.0061	0.0011	1		06/13/24 14:07	87-61-6	
1,2,4-Trichlorobenzene	ND	mg/kg	0.0061	0.00093	1		06/13/24 14:07	120-82-1	

## REPORT OF LABORATORY ANALYSIS

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### ANALYTICAL RESULTS

Project: Genesis Convention Center

Pace Project No.: 50375189

Sample: SB-14 (1-3) Lab ID: 50375189027 Collected: 06/05/24 11:30 Received: 06/06/24 13:02 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report			Prepared	Analyzed	CAS No.	Qual
			Limit	MDL	DF				
<b>8260 MSV 5035A VOA</b>									
Analytical Method: EPA 8260									
Pace Analytical Services - Indianapolis									
1,1,1-Trichloroethane	ND	mg/kg	0.0061	0.00042	1		06/13/24 14:07	71-55-6	
1,1,2-Trichloroethane	ND	mg/kg	0.0061	0.0011	1		06/13/24 14:07	79-00-5	
Trichloroethene	ND	mg/kg	0.0061	0.00047	1		06/13/24 14:07	79-01-6	
Trichlorofluoromethane	ND	mg/kg	0.0061	0.00048	1		06/13/24 14:07	75-69-4	
1,2,3-Trichloropropane	ND	mg/kg	0.0061	0.0016	1		06/13/24 14:07	96-18-4	
1,2,4-Trimethylbenzene	ND	mg/kg	0.0061	0.00085	1		06/13/24 14:07	95-63-6	
1,3,5-Trimethylbenzene	ND	mg/kg	0.0061	0.00032	1		06/13/24 14:07	108-67-8	
Vinyl acetate	ND	mg/kg	0.12	0.0014	1		06/13/24 14:07	108-05-4	
Vinyl chloride	ND	mg/kg	0.0061	0.0013	1		06/13/24 14:07	75-01-4	
Xylene (Total)	ND	mg/kg	0.012	0.0027	1		06/13/24 14:07	1330-20-7	
<b>Surrogates</b>									
Dibromofluoromethane (S)	104	%	75-135		1		06/13/24 14:07	1868-53-7	
Toluene-d8 (S)	98	%	65-148		1		06/13/24 14:07	2037-26-5	
4-Bromofluorobenzene (S)	103	%	63-132		1		06/13/24 14:07	460-00-4	
<b>Percent Moisture</b>									
Analytical Method: SM 2540G									
Pace Analytical Services - Indianapolis									
Percent Moisture	<b>10.6</b>	%	0.10	0.10	1		06/18/24 13:59		N2

### REPORT OF LABORATORY ANALYSIS

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## ANALYTICAL RESULTS

Project: Genesis Convention Center

Pace Project No.: 50375189

Sample: SB-14 (11-13) Lab ID: 50375189028 Collected: 06/05/24 11:39 Received: 06/06/24 13:02 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
<b>6010 MET ICP</b>									
Analytical Method: EPA 6010 Preparation Method: EPA 3050									
Pace Analytical Services - Indianapolis									
Lead	1.7	mg/kg	0.95	0.12	1	06/17/24 09:01	06/18/24 02:43	7439-92-1	
<b>8270 PAH Soil by SIM</b>									
Analytical Method: EPA 8270 by SIM Preparation Method: EPA 3546									
Pace Analytical Services - Indianapolis									
Acenaphthene	ND	mg/kg	0.0055	0.0022	1	06/14/24 18:18	06/17/24 22:43	83-32-9	
Acenaphthylene	ND	mg/kg	0.0055	0.0021	1	06/14/24 18:18	06/17/24 22:43	208-96-8	
Anthracene	ND	mg/kg	0.0055	0.0028	1	06/14/24 18:18	06/17/24 22:43	120-12-7	
Benzo(a)anthracene	ND	mg/kg	0.0055	0.0016	1	06/14/24 18:18	06/17/24 22:43	56-55-3	
Benzo(a)pyrene	ND	mg/kg	0.0055	0.0033	1	06/14/24 18:18	06/17/24 22:43	50-32-8	
Benzo(b)fluoranthene	ND	mg/kg	0.0055	0.0030	1	06/14/24 18:18	06/17/24 22:43	205-99-2	
Benzo(g,h,i)perylene	ND	mg/kg	0.0055	0.0033	1	06/14/24 18:18	06/17/24 22:43	191-24-2	
Benzo(k)fluoranthene	ND	mg/kg	0.0055	0.0025	1	06/14/24 18:18	06/17/24 22:43	207-08-9	
Chrysene	ND	mg/kg	0.0055	0.0038	1	06/14/24 18:18	06/17/24 22:43	218-01-9	
Dibenz(a,h)anthracene	ND	mg/kg	0.0055	0.0027	1	06/14/24 18:18	06/17/24 22:43	53-70-3	
Fluoranthene	ND	mg/kg	0.0055	0.0038	1	06/14/24 18:18	06/17/24 22:43	206-44-0	
Fluorene	ND	mg/kg	0.0055	0.0022	1	06/14/24 18:18	06/17/24 22:43	86-73-7	
Indeno(1,2,3-cd)pyrene	ND	mg/kg	0.0055	0.0028	1	06/14/24 18:18	06/17/24 22:43	193-39-5	
1-Methylnaphthalene	ND	mg/kg	0.0055	0.0022	1	06/14/24 18:18	06/17/24 22:43	90-12-0	
2-Methylnaphthalene	ND	mg/kg	0.0055	0.0052	1	06/14/24 18:18	06/17/24 22:43	91-57-6	
Naphthalene	ND	mg/kg	0.0055	0.0051	1	06/14/24 18:18	06/17/24 22:43	91-20-3	
Phenanthrene	ND	mg/kg	0.0055	0.0040	1	06/14/24 18:18	06/17/24 22:43	85-01-8	
Pyrene	ND	mg/kg	0.0055	0.0038	1	06/14/24 18:18	06/17/24 22:43	129-00-0	
<b>Surrogates</b>									
2-Fluorobiphenyl (S)	68	%	16-93		1	06/14/24 18:18	06/17/24 22:43	321-60-8	
p-Terphenyl-d14 (S)	81	%	19-115		1	06/14/24 18:18	06/17/24 22:43	1718-51-0	
<b>8260 MSV 5035A VOA</b>									
Analytical Method: EPA 8260									
Pace Analytical Services - Indianapolis									
Acetone	ND	mg/kg	0.10	0.0057	1		06/13/24 14:37	67-64-1	
Acrolein	ND	mg/kg	0.10	0.017	1		06/13/24 14:37	107-02-8	
Acrylonitrile	ND	mg/kg	0.10	0.0018	1		06/13/24 14:37	107-13-1	
Benzene	ND	mg/kg	0.0052	0.00018	1		06/13/24 14:37	71-43-2	
Bromobenzene	ND	mg/kg	0.0052	0.00031	1		06/13/24 14:37	108-86-1	
Bromochloromethane	ND	mg/kg	0.0052	0.00037	1		06/13/24 14:37	74-97-5	
Bromodichloromethane	ND	mg/kg	0.0052	0.00032	1		06/13/24 14:37	75-27-4	
Bromoform	ND	mg/kg	0.0052	0.0019	1		06/13/24 14:37	75-25-2	
Bromomethane	ND	mg/kg	0.0052	0.00099	1		06/13/24 14:37	74-83-9	
2-Butanone (MEK)	ND	mg/kg	0.026	0.011	1		06/13/24 14:37	78-93-3	
n-Butylbenzene	ND	mg/kg	0.0052	0.00040	1		06/13/24 14:37	104-51-8	
sec-Butylbenzene	ND	mg/kg	0.0052	0.00027	1		06/13/24 14:37	135-98-8	
tert-Butylbenzene	ND	mg/kg	0.0052	0.00020	1		06/13/24 14:37	98-06-6	
Carbon disulfide	ND	mg/kg	0.010	0.00091	1		06/13/24 14:37	75-15-0	
Carbon tetrachloride	ND	mg/kg	0.0052	0.0015	1		06/13/24 14:37	56-23-5	
Chlorobenzene	ND	mg/kg	0.0052	0.00022	1		06/13/24 14:37	108-90-7	

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## ANALYTICAL RESULTS

Project: Genesis Convention Center

Pace Project No.: 50375189

Sample: SB-14 (11-13) Lab ID: 50375189028 Collected: 06/05/24 11:39 Received: 06/06/24 13:02 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV 5035A VOA</b>		Analytical Method: EPA 8260 Pace Analytical Services - Indianapolis							
Chloroethane	ND	mg/kg	0.0052	0.00096	1		06/13/24 14:37	75-00-3	
Chloroform	ND	mg/kg	0.0052	0.0028	1		06/13/24 14:37	67-66-3	
Chloromethane	ND	mg/kg	0.0052	0.00045	1		06/13/24 14:37	74-87-3	
2-Chlorotoluene	ND	mg/kg	0.0052	0.00024	1		06/13/24 14:37	95-49-8	
4-Chlorotoluene	ND	mg/kg	0.0052	0.00023	1		06/13/24 14:37	106-43-4	
Dibromochloromethane	ND	mg/kg	0.0052	0.00038	1		06/13/24 14:37	124-48-1	
1,2-Dibromoethane (EDB)	ND	mg/kg	0.0052	0.00042	1		06/13/24 14:37	106-93-4	
Dibromomethane	ND	mg/kg	0.0052	0.0012	1		06/13/24 14:37	74-95-3	
1,2-Dichlorobenzene	ND	mg/kg	0.0052	0.00031	1		06/13/24 14:37	95-50-1	
1,3-Dichlorobenzene	ND	mg/kg	0.0052	0.00029	1		06/13/24 14:37	541-73-1	
1,4-Dichlorobenzene	ND	mg/kg	0.0052	0.00031	1		06/13/24 14:37	106-46-7	
trans-1,4-Dichloro-2-butene	ND	mg/kg	0.10	0.0027	1		06/13/24 14:37	110-57-6	
Dichlorodifluoromethane	ND	mg/kg	0.0052	0.00039	1		06/13/24 14:37	75-71-8	
1,1-Dichloroethane	ND	mg/kg	0.0052	0.00024	1		06/13/24 14:37	75-34-3	
1,2-Dichloroethane	ND	mg/kg	0.0052	0.00027	1		06/13/24 14:37	107-06-2	
1,1-Dichloroethene	ND	mg/kg	0.0052	0.00043	1		06/13/24 14:37	75-35-4	
cis-1,2-Dichloroethene	ND	mg/kg	0.0052	0.00035	1		06/13/24 14:37	156-59-2	
trans-1,2-Dichloroethene	ND	mg/kg	0.0052	0.00048	1		06/13/24 14:37	156-60-5	
1,2-Dichloropropane	ND	mg/kg	0.0052	0.00041	1		06/13/24 14:37	78-87-5	
1,3-Dichloropropane	ND	mg/kg	0.0052	0.00027	1		06/13/24 14:37	142-28-9	
2,2-Dichloropropane	ND	mg/kg	0.0052	0.0018	1		06/13/24 14:37	594-20-7	
1,1-Dichloropropene	ND	mg/kg	0.0052	0.00028	1		06/13/24 14:37	563-58-6	
cis-1,3-Dichloropropene	ND	mg/kg	0.0052	0.00092	1		06/13/24 14:37	10061-01-5	
trans-1,3-Dichloropropene	ND	mg/kg	0.0052	0.0012	1		06/13/24 14:37	10061-02-6	
Ethylbenzene	ND	mg/kg	0.0052	0.00027	1		06/13/24 14:37	100-41-4	
Ethyl methacrylate	ND	mg/kg	0.10	0.0032	1		06/13/24 14:37	97-63-2	
Hexachloro-1,3-butadiene	ND	mg/kg	0.0052	0.00053	1		06/13/24 14:37	87-68-3	
n-Hexane	ND	mg/kg	0.0052	0.00052	1		06/13/24 14:37	110-54-3	
2-Hexanone	ND	mg/kg	0.10	0.0023	1		06/13/24 14:37	591-78-6	
Iodomethane	ND	mg/kg	0.10	0.0027	1		06/13/24 14:37	74-88-4	
Isopropylbenzene (Cumene)	ND	mg/kg	0.0052	0.00025	1		06/13/24 14:37	98-82-8	
p-Isopropyltoluene	ND	mg/kg	0.0052	0.00033	1		06/13/24 14:37	99-87-6	
Methylene Chloride	ND	mg/kg	0.021	0.013	1		06/13/24 14:37	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	mg/kg	0.026	0.0027	1		06/13/24 14:37	108-10-1	
Methyl-tert-butyl ether	ND	mg/kg	0.0052	0.00027	1		06/13/24 14:37	1634-04-4	
Naphthalene	ND	mg/kg	0.0052	0.0020	1		06/13/24 14:37	91-20-3	
n-Propylbenzene	ND	mg/kg	0.0052	0.00022	1		06/13/24 14:37	103-65-1	
Styrene	ND	mg/kg	0.0052	0.00025	1		06/13/24 14:37	100-42-5	
1,1,1,2-Tetrachloroethane	ND	mg/kg	0.0052	0.00028	1		06/13/24 14:37	630-20-6	
1,1,1,2,2-Tetrachloroethane	ND	mg/kg	0.0052	0.00058	1		06/13/24 14:37	79-34-5	
Tetrachloroethene	ND	mg/kg	0.0052	0.00033	1		06/13/24 14:37	127-18-4	
Toluene	ND	mg/kg	0.0052	0.00048	1		06/13/24 14:37	108-88-3	
1,2,3-Trichlorobenzene	ND	mg/kg	0.0052	0.00091	1		06/13/24 14:37	87-61-6	
1,2,4-Trichlorobenzene	ND	mg/kg	0.0052	0.00081	1		06/13/24 14:37	120-82-1	

## REPORT OF LABORATORY ANALYSIS

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**ANALYTICAL RESULTS**

Project: Genesis Convention Center

Pace Project No.: 50375189

**Sample: SB-14 (11-13)**      **Lab ID: 50375189028**      Collected: 06/05/24 11:39      Received: 06/06/24 13:02      Matrix: Solid

*Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.*

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV 5035A VOA</b>									
Analytical Method: EPA 8260									
Pace Analytical Services - Indianapolis									
1,1,1-Trichloroethane	ND	mg/kg	0.0052	0.00037	1		06/13/24 14:37	71-55-6	
1,1,2-Trichloroethane	ND	mg/kg	0.0052	0.00097	1		06/13/24 14:37	79-00-5	
Trichloroethene	ND	mg/kg	0.0052	0.00041	1		06/13/24 14:37	79-01-6	
Trichlorofluoromethane	ND	mg/kg	0.0052	0.00041	1		06/13/24 14:37	75-69-4	
1,2,3-Trichloropropane	ND	mg/kg	0.0052	0.0013	1		06/13/24 14:37	96-18-4	
1,2,4-Trimethylbenzene	ND	mg/kg	0.0052	0.00073	1		06/13/24 14:37	95-63-6	
1,3,5-Trimethylbenzene	ND	mg/kg	0.0052	0.00027	1		06/13/24 14:37	108-67-8	
Vinyl acetate	ND	mg/kg	0.10	0.0012	1		06/13/24 14:37	108-05-4	
Vinyl chloride	ND	mg/kg	0.0052	0.0011	1		06/13/24 14:37	75-01-4	
Xylene (Total)	ND	mg/kg	0.010	0.0023	1		06/13/24 14:37	1330-20-7	
<b>Surrogates</b>									
Dibromofluoromethane (S)	107	%	75-135		1		06/13/24 14:37	1868-53-7	
Toluene-d8 (S)	96	%	65-148		1		06/13/24 14:37	2037-26-5	
4-Bromofluorobenzene (S)	103	%	63-132		1		06/13/24 14:37	460-00-4	
<b>Percent Moisture</b>									
Analytical Method: SM 2540G									
Pace Analytical Services - Indianapolis									
Percent Moisture	<b>10.2</b>	%	0.10	0.10	1		06/18/24 13:59		N2

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## ANALYTICAL RESULTS

Project: Genesis Convention Center

Pace Project No.: 50375189

Sample: SB-15 (1-3) Lab ID: 50375189029 Collected: 06/05/24 10:09 Received: 06/06/24 13:02 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
<b>6010 MET ICP</b>									
Analytical Method: EPA 6010 Preparation Method: EPA 3050									
Pace Analytical Services - Indianapolis									
Lead	8.6	mg/kg	0.93	0.12	1	06/17/24 09:01	06/18/24 02:45	7439-92-1	
<b>8270 PAH Soil by SIM</b>									
Analytical Method: EPA 8270 by SIM Preparation Method: EPA 3546									
Pace Analytical Services - Indianapolis									
Acenaphthene	ND	mg/kg	0.0052	0.0021	1	06/14/24 18:18	06/17/24 22:57	83-32-9	
Acenaphthylene	ND	mg/kg	0.0052	0.0020	1	06/14/24 18:18	06/17/24 22:57	208-96-8	
Anthracene	0.0060	mg/kg	0.0052	0.0026	1	06/14/24 18:18	06/17/24 22:57	120-12-7	
Benzo(a)anthracene	0.032	mg/kg	0.0052	0.0015	1	06/14/24 18:18	06/17/24 22:57	56-55-3	
Benzo(a)pyrene	0.045	mg/kg	0.0052	0.0031	1	06/14/24 18:18	06/17/24 22:57	50-32-8	
Benzo(b)fluoranthene	0.056	mg/kg	0.0052	0.0029	1	06/14/24 18:18	06/17/24 22:57	205-99-2	
Benzo(g,h,i)perylene	0.032	mg/kg	0.0052	0.0031	1	06/14/24 18:18	06/17/24 22:57	191-24-2	
Benzo(k)fluoranthene	0.023	mg/kg	0.0052	0.0024	1	06/14/24 18:18	06/17/24 22:57	207-08-9	
Chrysene	0.033	mg/kg	0.0052	0.0036	1	06/14/24 18:18	06/17/24 22:57	218-01-9	
Dibenz(a,h)anthracene	0.0093	mg/kg	0.0052	0.0026	1	06/14/24 18:18	06/17/24 22:57	53-70-3	
Fluoranthene	0.049	mg/kg	0.0052	0.0037	1	06/14/24 18:18	06/17/24 22:57	206-44-0	
Fluorene	ND	mg/kg	0.0052	0.0021	1	06/14/24 18:18	06/17/24 22:57	86-73-7	
Indeno(1,2,3-cd)pyrene	0.030	mg/kg	0.0052	0.0027	1	06/14/24 18:18	06/17/24 22:57	193-39-5	
1-Methylnaphthalene	ND	mg/kg	0.0052	0.0021	1	06/14/24 18:18	06/17/24 22:57	90-12-0	
2-Methylnaphthalene	ND	mg/kg	0.0052	0.0049	1	06/14/24 18:18	06/17/24 22:57	91-57-6	
Naphthalene	ND	mg/kg	0.0052	0.0048	1	06/14/24 18:18	06/17/24 22:57	91-20-3	
Phenanthrene	0.011	mg/kg	0.0052	0.0038	1	06/14/24 18:18	06/17/24 22:57	85-01-8	
Pyrene	0.052	mg/kg	0.0052	0.0036	1	06/14/24 18:18	06/17/24 22:57	129-00-0	
<b>Surrogates</b>									
2-Fluorobiphenyl (S)	53	%	16-93		1	06/14/24 18:18	06/17/24 22:57	321-60-8	
p-Terphenyl-d14 (S)	67	%	19-115		1	06/14/24 18:18	06/17/24 22:57	1718-51-0	
<b>8260 MSV 5035A VOA</b>									
Analytical Method: EPA 8260									
Pace Analytical Services - Indianapolis									
Acetone	ND	mg/kg	0.11	0.0058	1		06/13/24 15:08	67-64-1	
Acrolein	ND	mg/kg	0.11	0.018	1		06/13/24 15:08	107-02-8	
Acrylonitrile	ND	mg/kg	0.11	0.0018	1		06/13/24 15:08	107-13-1	
Benzene	ND	mg/kg	0.0054	0.00018	1		06/13/24 15:08	71-43-2	
Bromobenzene	ND	mg/kg	0.0054	0.00032	1		06/13/24 15:08	108-86-1	
Bromochloromethane	ND	mg/kg	0.0054	0.00037	1		06/13/24 15:08	74-97-5	
Bromodichloromethane	ND	mg/kg	0.0054	0.00033	1		06/13/24 15:08	75-27-4	
Bromoform	ND	mg/kg	0.0054	0.0020	1		06/13/24 15:08	75-25-2	
Bromomethane	ND	mg/kg	0.0054	0.0010	1		06/13/24 15:08	74-83-9	
2-Butanone (MEK)	ND	mg/kg	0.027	0.011	1		06/13/24 15:08	78-93-3	
n-Butylbenzene	ND	mg/kg	0.0054	0.00041	1		06/13/24 15:08	104-51-8	
sec-Butylbenzene	ND	mg/kg	0.0054	0.00027	1		06/13/24 15:08	135-98-8	
tert-Butylbenzene	ND	mg/kg	0.0054	0.00021	1		06/13/24 15:08	98-06-6	
Carbon disulfide	ND	mg/kg	0.011	0.00093	1		06/13/24 15:08	75-15-0	
Carbon tetrachloride	ND	mg/kg	0.0054	0.0015	1		06/13/24 15:08	56-23-5	
Chlorobenzene	ND	mg/kg	0.0054	0.00022	1		06/13/24 15:08	108-90-7	

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## ANALYTICAL RESULTS

Project: Genesis Convention Center

Pace Project No.: 50375189

Sample: SB-15 (1-3) Lab ID: 50375189029 Collected: 06/05/24 10:09 Received: 06/06/24 13:02 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV 5035A VOA</b>		Analytical Method: EPA 8260 Pace Analytical Services - Indianapolis							
Chloroethane	ND	mg/kg	0.0054	0.00098	1		06/13/24 15:08	75-00-3	
Chloroform	ND	mg/kg	0.0054	0.0029	1		06/13/24 15:08	67-66-3	
Chloromethane	ND	mg/kg	0.0054	0.00046	1		06/13/24 15:08	74-87-3	
2-Chlorotoluene	ND	mg/kg	0.0054	0.00025	1		06/13/24 15:08	95-49-8	
4-Chlorotoluene	ND	mg/kg	0.0054	0.00023	1		06/13/24 15:08	106-43-4	
Dibromochloromethane	ND	mg/kg	0.0054	0.00038	1		06/13/24 15:08	124-48-1	
1,2-Dibromoethane (EDB)	ND	mg/kg	0.0054	0.00043	1		06/13/24 15:08	106-93-4	
Dibromomethane	ND	mg/kg	0.0054	0.0012	1		06/13/24 15:08	74-95-3	
1,2-Dichlorobenzene	ND	mg/kg	0.0054	0.00031	1		06/13/24 15:08	95-50-1	
1,3-Dichlorobenzene	ND	mg/kg	0.0054	0.00030	1		06/13/24 15:08	541-73-1	
1,4-Dichlorobenzene	ND	mg/kg	0.0054	0.00032	1		06/13/24 15:08	106-46-7	
trans-1,4-Dichloro-2-butene	ND	mg/kg	0.11	0.0027	1		06/13/24 15:08	110-57-6	
Dichlorodifluoromethane	ND	mg/kg	0.0054	0.00040	1		06/13/24 15:08	75-71-8	
1,1-Dichloroethane	ND	mg/kg	0.0054	0.00024	1		06/13/24 15:08	75-34-3	
1,2-Dichloroethane	ND	mg/kg	0.0054	0.00027	1		06/13/24 15:08	107-06-2	
1,1-Dichloroethene	ND	mg/kg	0.0054	0.00044	1		06/13/24 15:08	75-35-4	
cis-1,2-Dichloroethene	ND	mg/kg	0.0054	0.00036	1		06/13/24 15:08	156-59-2	
trans-1,2-Dichloroethene	ND	mg/kg	0.0054	0.00049	1		06/13/24 15:08	156-60-5	
1,2-Dichloropropane	ND	mg/kg	0.0054	0.00041	1		06/13/24 15:08	78-87-5	
1,3-Dichloropropane	ND	mg/kg	0.0054	0.00028	1		06/13/24 15:08	142-28-9	
2,2-Dichloropropane	ND	mg/kg	0.0054	0.0018	1		06/13/24 15:08	594-20-7	
1,1-Dichloropropene	ND	mg/kg	0.0054	0.00028	1		06/13/24 15:08	563-58-6	
cis-1,3-Dichloropropene	ND	mg/kg	0.0054	0.00094	1		06/13/24 15:08	10061-01-5	
trans-1,3-Dichloropropene	ND	mg/kg	0.0054	0.0012	1		06/13/24 15:08	10061-02-6	
Ethylbenzene	ND	mg/kg	0.0054	0.00027	1		06/13/24 15:08	100-41-4	
Ethyl methacrylate	ND	mg/kg	0.11	0.0033	1		06/13/24 15:08	97-63-2	
Hexachloro-1,3-butadiene	ND	mg/kg	0.0054	0.00054	1		06/13/24 15:08	87-68-3	
n-Hexane	ND	mg/kg	0.0054	0.00053	1		06/13/24 15:08	110-54-3	
2-Hexanone	ND	mg/kg	0.11	0.0023	1		06/13/24 15:08	591-78-6	
Iodomethane	ND	mg/kg	0.11	0.0028	1		06/13/24 15:08	74-88-4	
Isopropylbenzene (Cumene)	ND	mg/kg	0.0054	0.00026	1		06/13/24 15:08	98-82-8	
p-Isopropyltoluene	ND	mg/kg	0.0054	0.00034	1		06/13/24 15:08	99-87-6	
Methylene Chloride	ND	mg/kg	0.021	0.013	1		06/13/24 15:08	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	mg/kg	0.027	0.0028	1		06/13/24 15:08	108-10-1	
Methyl-tert-butyl ether	ND	mg/kg	0.0054	0.00028	1		06/13/24 15:08	1634-04-4	
Naphthalene	ND	mg/kg	0.0054	0.0020	1		06/13/24 15:08	91-20-3	
n-Propylbenzene	ND	mg/kg	0.0054	0.00022	1		06/13/24 15:08	103-65-1	
Styrene	ND	mg/kg	0.0054	0.00025	1		06/13/24 15:08	100-42-5	
1,1,1,2-Tetrachloroethane	ND	mg/kg	0.0054	0.00029	1		06/13/24 15:08	630-20-6	
1,1,1,2,2-Tetrachloroethane	ND	mg/kg	0.0054	0.00060	1		06/13/24 15:08	79-34-5	
Tetrachloroethene	ND	mg/kg	0.0054	0.00033	1		06/13/24 15:08	127-18-4	
Toluene	ND	mg/kg	0.0054	0.00049	1		06/13/24 15:08	108-88-3	
1,2,3-Trichlorobenzene	ND	mg/kg	0.0054	0.00093	1		06/13/24 15:08	87-61-6	
1,2,4-Trichlorobenzene	ND	mg/kg	0.0054	0.00083	1		06/13/24 15:08	120-82-1	

## REPORT OF LABORATORY ANALYSIS

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### ANALYTICAL RESULTS

Project: Genesis Convention Center

Pace Project No.: 50375189

Sample: **SB-15 (1-3)** Lab ID: **50375189029** Collected: 06/05/24 10:09 Received: 06/06/24 13:02 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV 5035A VOA</b>									
Analytical Method: EPA 8260									
Pace Analytical Services - Indianapolis									
1,1,1-Trichloroethane	ND	mg/kg	0.0054	0.00037	1		06/13/24 15:08	71-55-6	
1,1,2-Trichloroethane	ND	mg/kg	0.0054	0.00099	1		06/13/24 15:08	79-00-5	
Trichloroethene	ND	mg/kg	0.0054	0.00042	1		06/13/24 15:08	79-01-6	
Trichlorofluoromethane	ND	mg/kg	0.0054	0.00042	1		06/13/24 15:08	75-69-4	
1,2,3-Trichloropropane	ND	mg/kg	0.0054	0.0014	1		06/13/24 15:08	96-18-4	
1,2,4-Trimethylbenzene	ND	mg/kg	0.0054	0.00075	1		06/13/24 15:08	95-63-6	
1,3,5-Trimethylbenzene	ND	mg/kg	0.0054	0.00028	1		06/13/24 15:08	108-67-8	
Vinyl acetate	ND	mg/kg	0.11	0.0013	1		06/13/24 15:08	108-05-4	
Vinyl chloride	ND	mg/kg	0.0054	0.0012	1		06/13/24 15:08	75-01-4	
Xylene (Total)	ND	mg/kg	0.011	0.0024	1		06/13/24 15:08	1330-20-7	
<b>Surrogates</b>									
Dibromofluoromethane (S)	107	%	75-135		1		06/13/24 15:08	1868-53-7	
Toluene-d8 (S)	102	%	65-148		1		06/13/24 15:08	2037-26-5	
4-Bromofluorobenzene (S)	96	%	63-132		1		06/13/24 15:08	460-00-4	
<b>Percent Moisture</b>									
Analytical Method: SM 2540G									
Pace Analytical Services - Indianapolis									
Percent Moisture	<b>6.6</b>	%	0.10	0.10	1		06/18/24 13:59		N2

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## ANALYTICAL RESULTS

Project: Genesis Convention Center

Pace Project No.: 50375189

Sample: SB-15 (13-15) Lab ID: 50375189030 Collected: 06/05/24 10:22 Received: 06/06/24 13:02 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
<b>6010 MET ICP</b>									
Analytical Method: EPA 6010 Preparation Method: EPA 3050									
Pace Analytical Services - Indianapolis									
Lead	10.4	mg/kg	1.0	0.13	1	06/17/24 09:01	06/18/24 02:47	7439-92-1	
<b>8270 PAH Soil by SIM</b>									
Analytical Method: EPA 8270 by SIM Preparation Method: EPA 3546									
Pace Analytical Services - Indianapolis									
Acenaphthene	ND	mg/kg	0.0058	0.0023	1	06/14/24 18:18	06/17/24 23:11	83-32-9	
Acenaphthylene	ND	mg/kg	0.0058	0.0022	1	06/14/24 18:18	06/17/24 23:11	208-96-8	
Anthracene	ND	mg/kg	0.0058	0.0029	1	06/14/24 18:18	06/17/24 23:11	120-12-7	
Benzo(a)anthracene	ND	mg/kg	0.0058	0.0016	1	06/14/24 18:18	06/17/24 23:11	56-55-3	
Benzo(a)pyrene	ND	mg/kg	0.0058	0.0034	1	06/14/24 18:18	06/17/24 23:11	50-32-8	
Benzo(b)fluoranthene	ND	mg/kg	0.0058	0.0032	1	06/14/24 18:18	06/17/24 23:11	205-99-2	
Benzo(g,h,i)perylene	ND	mg/kg	0.0058	0.0034	1	06/14/24 18:18	06/17/24 23:11	191-24-2	
Benzo(k)fluoranthene	ND	mg/kg	0.0058	0.0027	1	06/14/24 18:18	06/17/24 23:11	207-08-9	
Chrysene	ND	mg/kg	0.0058	0.0040	1	06/14/24 18:18	06/17/24 23:11	218-01-9	
Dibenz(a,h)anthracene	ND	mg/kg	0.0058	0.0028	1	06/14/24 18:18	06/17/24 23:11	53-70-3	
Fluoranthene	ND	mg/kg	0.0058	0.0040	1	06/14/24 18:18	06/17/24 23:11	206-44-0	
Fluorene	ND	mg/kg	0.0058	0.0023	1	06/14/24 18:18	06/17/24 23:11	86-73-7	
Indeno(1,2,3-cd)pyrene	ND	mg/kg	0.0058	0.0029	1	06/14/24 18:18	06/17/24 23:11	193-39-5	
1-Methylnaphthalene	0.14	mg/kg	0.0058	0.0023	1	06/14/24 18:18	06/17/24 23:11	90-12-0	
2-Methylnaphthalene	0.0073	mg/kg	0.0058	0.0054	1	06/14/24 18:18	06/17/24 23:11	91-57-6	
Naphthalene	ND	mg/kg	0.0058	0.0053	1	06/14/24 18:18	06/17/24 23:11	91-20-3	
Phenanthrene	ND	mg/kg	0.0058	0.0042	1	06/14/24 18:18	06/17/24 23:11	85-01-8	
Pyrene	ND	mg/kg	0.0058	0.0040	1	06/14/24 18:18	06/17/24 23:11	129-00-0	
<b>Surrogates</b>									
2-Fluorobiphenyl (S)	54	%	16-93		1	06/14/24 18:18	06/17/24 23:11	321-60-8	
p-Terphenyl-d14 (S)	55	%	19-115		1	06/14/24 18:18	06/17/24 23:11	1718-51-0	
<b>8260 MSV 5035A VOA</b>									
Analytical Method: EPA 8260									
Pace Analytical Services - Indianapolis									
Acetone	ND	mg/kg	5.8	0.31	50		06/13/24 16:09	67-64-1	
Acrolein	ND	mg/kg	5.8	0.95	50		06/13/24 16:09	107-02-8	
Acrylonitrile	ND	mg/kg	5.8	0.098	50		06/13/24 16:09	107-13-1	
Benzene	ND	mg/kg	0.29	0.0099	50		06/13/24 16:09	71-43-2	
Bromobenzene	ND	mg/kg	0.29	0.017	50		06/13/24 16:09	108-86-1	
Bromochloromethane	ND	mg/kg	0.29	0.020	50		06/13/24 16:09	74-97-5	
Bromodichloromethane	ND	mg/kg	0.29	0.018	50		06/13/24 16:09	75-27-4	
Bromoform	ND	mg/kg	0.29	0.11	50		06/13/24 16:09	75-25-2	
Bromomethane	ND	mg/kg	0.29	0.054	50		06/13/24 16:09	74-83-9	
2-Butanone (MEK)	ND	mg/kg	1.4	0.60	50		06/13/24 16:09	78-93-3	
n-Butylbenzene	1.4	mg/kg	0.29	0.022	50		06/13/24 16:09	104-51-8	
sec-Butylbenzene	0.33	mg/kg	0.29	0.015	50		06/13/24 16:09	135-98-8	
tert-Butylbenzene	ND	mg/kg	0.29	0.011	50		06/13/24 16:09	98-06-6	
Carbon disulfide	ND	mg/kg	0.58	0.050	50		06/13/24 16:09	75-15-0	
Carbon tetrachloride	ND	mg/kg	0.29	0.081	50		06/13/24 16:09	56-23-5	
Chlorobenzene	ND	mg/kg	0.29	0.012	50		06/13/24 16:09	108-90-7	

## REPORT OF LABORATORY ANALYSIS

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## ANALYTICAL RESULTS

Project: Genesis Convention Center

Pace Project No.: 50375189

Sample: SB-15 (13-15) Lab ID: 50375189030 Collected: 06/05/24 10:22 Received: 06/06/24 13:02 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV 5035A VOA</b>		Analytical Method: EPA 8260							
		Pace Analytical Services - Indianapolis							
Chloroethane	ND	mg/kg	0.29	0.053	50		06/13/24 16:09	75-00-3	
Chloroform	ND	mg/kg	0.29	0.16	50		06/13/24 16:09	67-66-3	
Chloromethane	ND	mg/kg	0.29	0.025	50		06/13/24 16:09	74-87-3	
2-Chlorotoluene	ND	mg/kg	0.29	0.013	50		06/13/24 16:09	95-49-8	
4-Chlorotoluene	ND	mg/kg	0.29	0.012	50		06/13/24 16:09	106-43-4	
Dibromochloromethane	ND	mg/kg	0.29	0.021	50		06/13/24 16:09	124-48-1	
1,2-Dibromoethane (EDB)	ND	mg/kg	0.29	0.023	50		06/13/24 16:09	106-93-4	
Dibromomethane	ND	mg/kg	0.29	0.064	50		06/13/24 16:09	74-95-3	
1,2-Dichlorobenzene	ND	mg/kg	0.29	0.017	50		06/13/24 16:09	95-50-1	
1,3-Dichlorobenzene	ND	mg/kg	0.29	0.016	50		06/13/24 16:09	541-73-1	
1,4-Dichlorobenzene	ND	mg/kg	0.29	0.017	50		06/13/24 16:09	106-46-7	
trans-1,4-Dichloro-2-butene	ND	mg/kg	5.8	0.15	50		06/13/24 16:09	110-57-6	
Dichlorodifluoromethane	ND	mg/kg	0.29	0.021	50		06/13/24 16:09	75-71-8	
1,1-Dichloroethane	ND	mg/kg	0.29	0.013	50		06/13/24 16:09	75-34-3	
1,2-Dichloroethane	ND	mg/kg	0.29	0.015	50		06/13/24 16:09	107-06-2	
1,1-Dichloroethene	ND	mg/kg	0.29	0.023	50		06/13/24 16:09	75-35-4	
cis-1,2-Dichloroethene	ND	mg/kg	0.29	0.019	50		06/13/24 16:09	156-59-2	
trans-1,2-Dichloroethene	ND	mg/kg	0.29	0.027	50		06/13/24 16:09	156-60-5	
1,2-Dichloropropane	ND	mg/kg	0.29	0.022	50		06/13/24 16:09	78-87-5	
1,3-Dichloropropane	ND	mg/kg	0.29	0.015	50		06/13/24 16:09	142-28-9	
2,2-Dichloropropane	ND	mg/kg	0.29	0.096	50		06/13/24 16:09	594-20-7	
1,1-Dichloropropene	ND	mg/kg	0.29	0.015	50		06/13/24 16:09	563-58-6	
cis-1,3-Dichloropropene	ND	mg/kg	0.29	0.051	50		06/13/24 16:09	10061-01-5	
trans-1,3-Dichloropropene	ND	mg/kg	0.29	0.066	50		06/13/24 16:09	10061-02-6	
Ethylbenzene	ND	mg/kg	0.29	0.015	50		06/13/24 16:09	100-41-4	
Ethyl methacrylate	ND	mg/kg	5.8	0.18	50		06/13/24 16:09	97-63-2	
Hexachloro-1,3-butadiene	ND	mg/kg	0.29	0.029	50		06/13/24 16:09	87-68-3	
n-Hexane	ND	mg/kg	0.29	0.028	50		06/13/24 16:09	110-54-3	
2-Hexanone	ND	mg/kg	5.8	0.13	50		06/13/24 16:09	591-78-6	
Iodomethane	ND	mg/kg	5.8	0.15	50		06/13/24 16:09	74-88-4	
Isopropylbenzene (Cumene)	ND	mg/kg	0.29	0.014	50		06/13/24 16:09	98-82-8	
p-Isopropyltoluene	0.52	mg/kg	0.29	0.018	50		06/13/24 16:09	99-87-6	
Methylene Chloride	ND	mg/kg	1.2	0.71	50		06/13/24 16:09	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	mg/kg	1.4	0.15	50		06/13/24 16:09	108-10-1	
Methyl-tert-butyl ether	ND	mg/kg	0.29	0.015	50		06/13/24 16:09	1634-04-4	
Naphthalene	0.51	mg/kg	0.29	0.11	50		06/13/24 16:09	91-20-3	
n-Propylbenzene	ND	mg/kg	0.29	0.012	50		06/13/24 16:09	103-65-1	
Styrene	ND	mg/kg	0.29	0.014	50		06/13/24 16:09	100-42-5	
1,1,1,2-Tetrachloroethane	ND	mg/kg	0.29	0.016	50		06/13/24 16:09	630-20-6	
1,1,1,2,2-Tetrachloroethane	ND	mg/kg	0.29	0.032	50		06/13/24 16:09	79-34-5	
Tetrachloroethene	ND	mg/kg	0.29	0.018	50		06/13/24 16:09	127-18-4	
Toluene	ND	mg/kg	0.29	0.027	50		06/13/24 16:09	108-88-3	
1,2,3-Trichlorobenzene	ND	mg/kg	0.29	0.050	50		06/13/24 16:09	87-61-6	
1,2,4-Trichlorobenzene	ND	mg/kg	0.29	0.044	50		06/13/24 16:09	120-82-1	

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### ANALYTICAL RESULTS

Project: Genesis Convention Center

Pace Project No.: 50375189

Sample: SB-15 (13-15) Lab ID: 50375189030 Collected: 06/05/24 10:22 Received: 06/06/24 13:02 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV 5035A VOA</b>									
Analytical Method: EPA 8260									
Pace Analytical Services - Indianapolis									
1,1,1-Trichloroethane	ND	mg/kg	0.29	0.020	50		06/13/24 16:09	71-55-6	
1,1,2-Trichloroethane	ND	mg/kg	0.29	0.053	50		06/13/24 16:09	79-00-5	
Trichloroethene	ND	mg/kg	0.29	0.022	50		06/13/24 16:09	79-01-6	
Trichlorofluoromethane	ND	mg/kg	0.29	0.023	50		06/13/24 16:09	75-69-4	
1,2,3-Trichloropropane	ND	mg/kg	0.29	0.074	50		06/13/24 16:09	96-18-4	
1,2,4-Trimethylbenzene	1.3	mg/kg	0.29	0.040	50		06/13/24 16:09	95-63-6	
1,3,5-Trimethylbenzene	ND	mg/kg	0.29	0.015	50		06/13/24 16:09	108-67-8	
Vinyl acetate	ND	mg/kg	5.8	0.069	50		06/13/24 16:09	108-05-4	
Vinyl chloride	ND	mg/kg	0.29	0.062	50		06/13/24 16:09	75-01-4	
Xylene (Total)	ND	mg/kg	0.58	0.13	50		06/13/24 16:09	1330-20-7	
<b>Surrogates</b>									
Dibromofluoromethane (S)	111	%	75-135		50		06/13/24 16:09	1868-53-7	
Toluene-d8 (S)	165	%	65-148		50		06/13/24 16:09	2037-26-5	S5
4-Bromofluorobenzene (S)	220	%	63-132		50		06/13/24 16:09	460-00-4	S5
<b>Percent Moisture</b>									
Analytical Method: SM 2540G									
Pace Analytical Services - Indianapolis									
Percent Moisture	15.2	%	0.10	0.10	1		06/18/24 13:59		N2

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## ANALYTICAL RESULTS

Project: Genesis Convention Center

Pace Project No.: 50375189

Sample: SB-16 (1-3) Lab ID: 50375189031 Collected: 06/05/24 09:25 Received: 06/06/24 13:02 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
<b>6010 MET ICP</b>									
Analytical Method: EPA 6010 Preparation Method: EPA 3050									
Pace Analytical Services - Indianapolis									
Lead	15.7	mg/kg	1.0	0.13	1	06/17/24 09:01	06/18/24 02:49	7439-92-1	
<b>8270 PAH Soil by SIM</b>									
Analytical Method: EPA 8270 by SIM Preparation Method: EPA 3546									
Pace Analytical Services - Indianapolis									
Acenaphthene	0.026	mg/kg	0.0052	0.0021	1	06/14/24 18:18	06/17/24 23:26	83-32-9	
Acenaphthylene	0.027	mg/kg	0.0052	0.0019	1	06/14/24 18:18	06/17/24 23:26	208-96-8	
Anthracene	0.10	mg/kg	0.0052	0.0026	1	06/14/24 18:18	06/17/24 23:26	120-12-7	
Benzo(a)anthracene	0.48	mg/kg	0.0052	0.0015	1	06/14/24 18:18	06/17/24 23:26	56-55-3	
Benzo(a)pyrene	0.55	mg/kg	0.0052	0.0031	1	06/14/24 18:18	06/17/24 23:26	50-32-8	
Benzo(b)fluoranthene	0.72	mg/kg	0.0052	0.0028	1	06/14/24 18:18	06/17/24 23:26	205-99-2	
Benzo(g,h,i)perylene	0.34	mg/kg	0.0052	0.0031	1	06/14/24 18:18	06/17/24 23:26	191-24-2	
Benzo(k)fluoranthene	0.27	mg/kg	0.0052	0.0024	1	06/14/24 18:18	06/17/24 23:26	207-08-9	
Chrysene	0.48	mg/kg	0.0052	0.0036	1	06/14/24 18:18	06/17/24 23:26	218-01-9	
Dibenz(a,h)anthracene	0.10	mg/kg	0.0052	0.0025	1	06/14/24 18:18	06/17/24 23:26	53-70-3	
Fluoranthene	0.94	mg/kg	0.0052	0.0036	1	06/14/24 18:18	06/17/24 23:26	206-44-0	
Fluorene	0.031	mg/kg	0.0052	0.0020	1	06/14/24 18:18	06/17/24 23:26	86-73-7	
Indeno(1,2,3-cd)pyrene	0.32	mg/kg	0.0052	0.0026	1	06/14/24 18:18	06/17/24 23:26	193-39-5	
1-Methylnaphthalene	ND	mg/kg	0.0052	0.0021	1	06/14/24 18:18	06/17/24 23:26	90-12-0	
2-Methylnaphthalene	ND	mg/kg	0.0052	0.0049	1	06/14/24 18:18	06/17/24 23:26	91-57-6	
Naphthalene	0.0073	mg/kg	0.0052	0.0048	1	06/14/24 18:18	06/17/24 23:26	91-20-3	
Phenanthrene	0.42	mg/kg	0.0052	0.0037	1	06/14/24 18:18	06/17/24 23:26	85-01-8	
Pyrene	0.87	mg/kg	0.0052	0.0036	1	06/14/24 18:18	06/17/24 23:26	129-00-0	
<b>Surrogates</b>									
2-Fluorobiphenyl (S)	54	%	16-93		1	06/14/24 18:18	06/17/24 23:26	321-60-8	
p-Terphenyl-d14 (S)	62	%	19-115		1	06/14/24 18:18	06/17/24 23:26	1718-51-0	
<b>8260 MSV 5035A VOA</b>									
Analytical Method: EPA 8260									
Pace Analytical Services - Indianapolis									
Acetone	ND	mg/kg	0.15	0.0083	1		06/13/24 16:39	67-64-1	
Acrolein	ND	mg/kg	0.15	0.025	1		06/13/24 16:39	107-02-8	
Acrylonitrile	ND	mg/kg	0.15	0.0026	1		06/13/24 16:39	107-13-1	
Benzene	ND	mg/kg	0.0076	0.00026	1		06/13/24 16:39	71-43-2	
Bromobenzene	ND	mg/kg	0.0076	0.00045	1		06/13/24 16:39	108-86-1	
Bromochloromethane	ND	mg/kg	0.0076	0.00053	1		06/13/24 16:39	74-97-5	
Bromodichloromethane	ND	mg/kg	0.0076	0.00046	1		06/13/24 16:39	75-27-4	
Bromoform	ND	mg/kg	0.0076	0.0028	1		06/13/24 16:39	75-25-2	
Bromomethane	ND	mg/kg	0.0076	0.0014	1		06/13/24 16:39	74-83-9	
2-Butanone (MEK)	ND	mg/kg	0.038	0.016	1		06/13/24 16:39	78-93-3	
n-Butylbenzene	ND	mg/kg	0.0076	0.00058	1		06/13/24 16:39	104-51-8	
sec-Butylbenzene	ND	mg/kg	0.0076	0.00039	1		06/13/24 16:39	135-98-8	
tert-Butylbenzene	ND	mg/kg	0.0076	0.00029	1		06/13/24 16:39	98-06-6	
Carbon disulfide	ND	mg/kg	0.015	0.0013	1		06/13/24 16:39	75-15-0	
Carbon tetrachloride	ND	mg/kg	0.0076	0.0022	1		06/13/24 16:39	56-23-5	
Chlorobenzene	ND	mg/kg	0.0076	0.00032	1		06/13/24 16:39	108-90-7	

## REPORT OF LABORATORY ANALYSIS

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## ANALYTICAL RESULTS

Project: Genesis Convention Center

Pace Project No.: 50375189

Sample: SB-16 (1-3) Lab ID: 50375189031 Collected: 06/05/24 09:25 Received: 06/06/24 13:02 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV 5035A VOA</b>		Analytical Method: EPA 8260							
		Pace Analytical Services - Indianapolis							
Chloroethane	ND	mg/kg	0.0076	0.0014	1		06/13/24 16:39	75-00-3	
Chloroform	ND	mg/kg	0.0076	0.0041	1		06/13/24 16:39	67-66-3	
Chloromethane	ND	mg/kg	0.0076	0.00065	1		06/13/24 16:39	74-87-3	
2-Chlorotoluene	ND	mg/kg	0.0076	0.00035	1		06/13/24 16:39	95-49-8	
4-Chlorotoluene	ND	mg/kg	0.0076	0.00033	1		06/13/24 16:39	106-43-4	
Dibromochloromethane	ND	mg/kg	0.0076	0.00055	1		06/13/24 16:39	124-48-1	
1,2-Dibromoethane (EDB)	ND	mg/kg	0.0076	0.00061	1		06/13/24 16:39	106-93-4	
Dibromomethane	ND	mg/kg	0.0076	0.0017	1		06/13/24 16:39	74-95-3	
1,2-Dichlorobenzene	ND	mg/kg	0.0076	0.00044	1		06/13/24 16:39	95-50-1	
1,3-Dichlorobenzene	ND	mg/kg	0.0076	0.00043	1		06/13/24 16:39	541-73-1	
1,4-Dichlorobenzene	ND	mg/kg	0.0076	0.00046	1		06/13/24 16:39	106-46-7	
trans-1,4-Dichloro-2-butene	ND	mg/kg	0.15	0.0039	1		06/13/24 16:39	110-57-6	
Dichlorodifluoromethane	ND	mg/kg	0.0076	0.00057	1		06/13/24 16:39	75-71-8	
1,1-Dichloroethane	ND	mg/kg	0.0076	0.00035	1		06/13/24 16:39	75-34-3	
1,2-Dichloroethane	ND	mg/kg	0.0076	0.00039	1		06/13/24 16:39	107-06-2	
1,1-Dichloroethene	ND	mg/kg	0.0076	0.00062	1		06/13/24 16:39	75-35-4	
cis-1,2-Dichloroethene	ND	mg/kg	0.0076	0.00051	1		06/13/24 16:39	156-59-2	
trans-1,2-Dichloroethene	ND	mg/kg	0.0076	0.00070	1		06/13/24 16:39	156-60-5	
1,2-Dichloropropane	ND	mg/kg	0.0076	0.00059	1		06/13/24 16:39	78-87-5	
1,3-Dichloropropane	ND	mg/kg	0.0076	0.00040	1		06/13/24 16:39	142-28-9	
2,2-Dichloropropane	ND	mg/kg	0.0076	0.0026	1		06/13/24 16:39	594-20-7	
1,1-Dichloropropene	ND	mg/kg	0.0076	0.00040	1		06/13/24 16:39	563-58-6	
cis-1,3-Dichloropropene	ND	mg/kg	0.0076	0.0013	1		06/13/24 16:39	10061-01-5	
trans-1,3-Dichloropropene	ND	mg/kg	0.0076	0.0017	1		06/13/24 16:39	10061-02-6	
Ethylbenzene	ND	mg/kg	0.0076	0.00039	1		06/13/24 16:39	100-41-4	
Ethyl methacrylate	ND	mg/kg	0.15	0.0046	1		06/13/24 16:39	97-63-2	
Hexachloro-1,3-butadiene	ND	mg/kg	0.0076	0.00077	1		06/13/24 16:39	87-68-3	
n-Hexane	ND	mg/kg	0.0076	0.00075	1		06/13/24 16:39	110-54-3	
2-Hexanone	ND	mg/kg	0.15	0.0033	1		06/13/24 16:39	591-78-6	
Iodomethane	ND	mg/kg	0.15	0.0040	1		06/13/24 16:39	74-88-4	
Isopropylbenzene (Cumene)	ND	mg/kg	0.0076	0.00037	1		06/13/24 16:39	98-82-8	
p-Isopropyltoluene	ND	mg/kg	0.0076	0.00048	1		06/13/24 16:39	99-87-6	
Methylene Chloride	ND	mg/kg	0.031	0.019	1		06/13/24 16:39	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	mg/kg	0.038	0.0040	1		06/13/24 16:39	108-10-1	
Methyl-tert-butyl ether	ND	mg/kg	0.0076	0.00040	1		06/13/24 16:39	1634-04-4	
Naphthalene	ND	mg/kg	0.0076	0.0029	1		06/13/24 16:39	91-20-3	
n-Propylbenzene	ND	mg/kg	0.0076	0.00032	1		06/13/24 16:39	103-65-1	
Styrene	ND	mg/kg	0.0076	0.00036	1		06/13/24 16:39	100-42-5	
1,1,1,2-Tetrachloroethane	ND	mg/kg	0.0076	0.00041	1		06/13/24 16:39	630-20-6	
1,1,1,2,2-Tetrachloroethane	ND	mg/kg	0.0076	0.00085	1		06/13/24 16:39	79-34-5	
Tetrachloroethene	ND	mg/kg	0.0076	0.00047	1		06/13/24 16:39	127-18-4	
Toluene	ND	mg/kg	0.0076	0.00070	1		06/13/24 16:39	108-88-3	
1,2,3-Trichlorobenzene	ND	mg/kg	0.0076	0.0013	1		06/13/24 16:39	87-61-6	
1,2,4-Trichlorobenzene	ND	mg/kg	0.0076	0.0012	1		06/13/24 16:39	120-82-1	

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### ANALYTICAL RESULTS

Project: Genesis Convention Center

Pace Project No.: 50375189

Sample: SB-16 (1-3) Lab ID: 50375189031 Collected: 06/05/24 09:25 Received: 06/06/24 13:02 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV 5035A VOA</b>									
Analytical Method: EPA 8260									
Pace Analytical Services - Indianapolis									
1,1,1-Trichloroethane	ND	mg/kg	0.0076	0.00053	1		06/13/24 16:39	71-55-6	
1,1,2-Trichloroethane	ND	mg/kg	0.0076	0.0014	1		06/13/24 16:39	79-00-5	
Trichloroethene	ND	mg/kg	0.0076	0.00059	1		06/13/24 16:39	79-01-6	
Trichlorofluoromethane	ND	mg/kg	0.0076	0.00060	1		06/13/24 16:39	75-69-4	
1,2,3-Trichloropropane	ND	mg/kg	0.0076	0.0020	1		06/13/24 16:39	96-18-4	
1,2,4-Trimethylbenzene	ND	mg/kg	0.0076	0.0011	1		06/13/24 16:39	95-63-6	
1,3,5-Trimethylbenzene	ND	mg/kg	0.0076	0.00040	1		06/13/24 16:39	108-67-8	
Vinyl acetate	ND	mg/kg	0.15	0.0018	1		06/13/24 16:39	108-05-4	
Vinyl chloride	ND	mg/kg	0.0076	0.0017	1		06/13/24 16:39	75-01-4	
Xylene (Total)	ND	mg/kg	0.015	0.0034	1		06/13/24 16:39	1330-20-7	
<b>Surrogates</b>									
Dibromofluoromethane (S)	107	%	75-135		1		06/13/24 16:39	1868-53-7	
Toluene-d8 (S)	101	%	65-148		1		06/13/24 16:39	2037-26-5	
4-Bromofluorobenzene (S)	104	%	63-132		1		06/13/24 16:39	460-00-4	
<b>Percent Moisture</b>									
Analytical Method: SM 2540G									
Pace Analytical Services - Indianapolis									
Percent Moisture	8.8	%	0.10	0.10	1		06/18/24 13:59		N2

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## ANALYTICAL RESULTS

Project: Genesis Convention Center

Pace Project No.: 50375189

Sample: SB-16 (11-13) Lab ID: 50375189032 Collected: 06/05/24 09:34 Received: 06/06/24 13:02 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
<b>6010 MET ICP</b>									
Analytical Method: EPA 6010 Preparation Method: EPA 3050									
Pace Analytical Services - Indianapolis									
Lead	1.6	mg/kg	1.0	0.13	1	06/17/24 09:01	06/18/24 02:50	7439-92-1	
<b>8270 PAH Soil by SIM</b>									
Analytical Method: EPA 8270 by SIM Preparation Method: EPA 3546									
Pace Analytical Services - Indianapolis									
Acenaphthene	0.010	mg/kg	0.0050	0.0020	1	06/14/24 18:18	06/17/24 23:40	83-32-9	
Acenaphthylene	ND	mg/kg	0.0050	0.0019	1	06/14/24 18:18	06/17/24 23:40	208-96-8	
Anthracene	0.019	mg/kg	0.0050	0.0025	1	06/14/24 18:18	06/17/24 23:40	120-12-7	
Benzo(a)anthracene	0.018	mg/kg	0.0050	0.0014	1	06/14/24 18:18	06/17/24 23:40	56-55-3	
Benzo(a)pyrene	0.015	mg/kg	0.0050	0.0030	1	06/14/24 18:18	06/17/24 23:40	50-32-8	
Benzo(b)fluoranthene	0.019	mg/kg	0.0050	0.0027	1	06/14/24 18:18	06/17/24 23:40	205-99-2	
Benzo(g,h,i)perylene	0.0082	mg/kg	0.0050	0.0030	1	06/14/24 18:18	06/17/24 23:40	191-24-2	
Benzo(k)fluoranthene	0.0061	mg/kg	0.0050	0.0023	1	06/14/24 18:18	06/17/24 23:40	207-08-9	
Chrysene	0.014	mg/kg	0.0050	0.0034	1	06/14/24 18:18	06/17/24 23:40	218-01-9	
Dibenz(a,h)anthracene	ND	mg/kg	0.0050	0.0025	1	06/14/24 18:18	06/17/24 23:40	53-70-3	
Fluoranthene	0.048	mg/kg	0.0050	0.0035	1	06/14/24 18:18	06/17/24 23:40	206-44-0	
Fluorene	0.013	mg/kg	0.0050	0.0020	1	06/14/24 18:18	06/17/24 23:40	86-73-7	
Indeno(1,2,3-cd)pyrene	0.0078	mg/kg	0.0050	0.0025	1	06/14/24 18:18	06/17/24 23:40	193-39-5	
1-Methylnaphthalene	ND	mg/kg	0.0050	0.0020	1	06/14/24 18:18	06/17/24 23:40	90-12-0	
2-Methylnaphthalene	ND	mg/kg	0.0050	0.0047	1	06/14/24 18:18	06/17/24 23:40	91-57-6	
Naphthalene	ND	mg/kg	0.0050	0.0046	1	06/14/24 18:18	06/17/24 23:40	91-20-3	
Phenanthrene	0.056	mg/kg	0.0050	0.0036	1	06/14/24 18:18	06/17/24 23:40	85-01-8	
Pyrene	0.038	mg/kg	0.0050	0.0034	1	06/14/24 18:18	06/17/24 23:40	129-00-0	
<b>Surrogates</b>									
2-Fluorobiphenyl (S)	62	%	16-93		1	06/14/24 18:18	06/17/24 23:40	321-60-8	
p-Terphenyl-d14 (S)	73	%	19-115		1	06/14/24 18:18	06/17/24 23:40	1718-51-0	
<b>8260 MSV 5035A VOA</b>									
Analytical Method: EPA 8260									
Pace Analytical Services - Indianapolis									
Acetone	ND	mg/kg	0.12	0.0065	1		06/13/24 17:10	67-64-1	
Acrolein	ND	mg/kg	0.12	0.020	1		06/13/24 17:10	107-02-8	
Acrylonitrile	ND	mg/kg	0.12	0.0020	1		06/13/24 17:10	107-13-1	
Benzene	ND	mg/kg	0.0059	0.00020	1		06/13/24 17:10	71-43-2	
Bromobenzene	ND	mg/kg	0.0059	0.00035	1		06/13/24 17:10	108-86-1	
Bromochloromethane	ND	mg/kg	0.0059	0.00042	1		06/13/24 17:10	74-97-5	
Bromodichloromethane	ND	mg/kg	0.0059	0.00036	1		06/13/24 17:10	75-27-4	
Bromoform	ND	mg/kg	0.0059	0.0022	1		06/13/24 17:10	75-25-2	
Bromomethane	ND	mg/kg	0.0059	0.0011	1		06/13/24 17:10	74-83-9	
2-Butanone (MEK)	ND	mg/kg	0.030	0.012	1		06/13/24 17:10	78-93-3	
n-Butylbenzene	ND	mg/kg	0.0059	0.00045	1		06/13/24 17:10	104-51-8	
sec-Butylbenzene	ND	mg/kg	0.0059	0.00030	1		06/13/24 17:10	135-98-8	
tert-Butylbenzene	ND	mg/kg	0.0059	0.00023	1		06/13/24 17:10	98-06-6	
Carbon disulfide	ND	mg/kg	0.012	0.0010	1		06/13/24 17:10	75-15-0	
Carbon tetrachloride	ND	mg/kg	0.0059	0.0017	1		06/13/24 17:10	56-23-5	
Chlorobenzene	ND	mg/kg	0.0059	0.00025	1		06/13/24 17:10	108-90-7	

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## ANALYTICAL RESULTS

Project: Genesis Convention Center

Pace Project No.: 50375189

Sample: SB-16 (11-13) Lab ID: 50375189032 Collected: 06/05/24 09:34 Received: 06/06/24 13:02 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV 5035A VOA</b>		Analytical Method: EPA 8260 Pace Analytical Services - Indianapolis							
Chloroethane	ND	mg/kg	0.0059	0.0011	1		06/13/24 17:10	75-00-3	
Chloroform	ND	mg/kg	0.0059	0.0032	1		06/13/24 17:10	67-66-3	
Chloromethane	ND	mg/kg	0.0059	0.00051	1		06/13/24 17:10	74-87-3	
2-Chlorotoluene	ND	mg/kg	0.0059	0.00027	1		06/13/24 17:10	95-49-8	
4-Chlorotoluene	ND	mg/kg	0.0059	0.00026	1		06/13/24 17:10	106-43-4	
Dibromochloromethane	ND	mg/kg	0.0059	0.00043	1		06/13/24 17:10	124-48-1	
1,2-Dibromoethane (EDB)	ND	mg/kg	0.0059	0.00047	1		06/13/24 17:10	106-93-4	
Dibromomethane	ND	mg/kg	0.0059	0.0013	1		06/13/24 17:10	74-95-3	
1,2-Dichlorobenzene	ND	mg/kg	0.0059	0.00035	1		06/13/24 17:10	95-50-1	
1,3-Dichlorobenzene	ND	mg/kg	0.0059	0.00033	1		06/13/24 17:10	541-73-1	
1,4-Dichlorobenzene	ND	mg/kg	0.0059	0.00036	1		06/13/24 17:10	106-46-7	
trans-1,4-Dichloro-2-butene	ND	mg/kg	0.12	0.0030	1		06/13/24 17:10	110-57-6	
Dichlorodifluoromethane	ND	mg/kg	0.0059	0.00044	1		06/13/24 17:10	75-71-8	
1,1-Dichloroethane	ND	mg/kg	0.0059	0.00027	1		06/13/24 17:10	75-34-3	
1,2-Dichloroethane	ND	mg/kg	0.0059	0.00030	1		06/13/24 17:10	107-06-2	
1,1-Dichloroethene	ND	mg/kg	0.0059	0.00048	1		06/13/24 17:10	75-35-4	
cis-1,2-Dichloroethene	ND	mg/kg	0.0059	0.00040	1		06/13/24 17:10	156-59-2	
trans-1,2-Dichloroethene	ND	mg/kg	0.0059	0.00055	1		06/13/24 17:10	156-60-5	
1,2-Dichloropropane	ND	mg/kg	0.0059	0.00046	1		06/13/24 17:10	78-87-5	
1,3-Dichloropropane	ND	mg/kg	0.0059	0.00031	1		06/13/24 17:10	142-28-9	
2,2-Dichloropropane	ND	mg/kg	0.0059	0.0020	1		06/13/24 17:10	594-20-7	
1,1-Dichloropropene	ND	mg/kg	0.0059	0.00031	1		06/13/24 17:10	563-58-6	
cis-1,3-Dichloropropene	ND	mg/kg	0.0059	0.0010	1		06/13/24 17:10	10061-01-5	
trans-1,3-Dichloropropene	ND	mg/kg	0.0059	0.0014	1		06/13/24 17:10	10061-02-6	
Ethylbenzene	ND	mg/kg	0.0059	0.00030	1		06/13/24 17:10	100-41-4	
Ethyl methacrylate	ND	mg/kg	0.12	0.0036	1		06/13/24 17:10	97-63-2	
Hexachloro-1,3-butadiene	ND	mg/kg	0.0059	0.00060	1		06/13/24 17:10	87-68-3	
n-Hexane	ND	mg/kg	0.0059	0.00059	1		06/13/24 17:10	110-54-3	
2-Hexanone	ND	mg/kg	0.12	0.0026	1		06/13/24 17:10	591-78-6	
Iodomethane	ND	mg/kg	0.12	0.0031	1		06/13/24 17:10	74-88-4	
Isopropylbenzene (Cumene)	ND	mg/kg	0.0059	0.00028	1		06/13/24 17:10	98-82-8	
p-Isopropyltoluene	ND	mg/kg	0.0059	0.00037	1		06/13/24 17:10	99-87-6	
Methylene Chloride	ND	mg/kg	0.024	0.015	1		06/13/24 17:10	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	mg/kg	0.030	0.0031	1		06/13/24 17:10	108-10-1	
Methyl-tert-butyl ether	ND	mg/kg	0.0059	0.00031	1		06/13/24 17:10	1634-04-4	
Naphthalene	ND	mg/kg	0.0059	0.0023	1		06/13/24 17:10	91-20-3	
n-Propylbenzene	ND	mg/kg	0.0059	0.00025	1		06/13/24 17:10	103-65-1	
Styrene	ND	mg/kg	0.0059	0.00028	1		06/13/24 17:10	100-42-5	
1,1,1,2-Tetrachloroethane	ND	mg/kg	0.0059	0.00032	1		06/13/24 17:10	630-20-6	
1,1,2,2-Tetrachloroethane	ND	mg/kg	0.0059	0.00066	1		06/13/24 17:10	79-34-5	
Tetrachloroethene	ND	mg/kg	0.0059	0.00037	1		06/13/24 17:10	127-18-4	
Toluene	ND	mg/kg	0.0059	0.00055	1		06/13/24 17:10	108-88-3	
1,2,3-Trichlorobenzene	ND	mg/kg	0.0059	0.0010	1		06/13/24 17:10	87-61-6	
1,2,4-Trichlorobenzene	ND	mg/kg	0.0059	0.00092	1		06/13/24 17:10	120-82-1	

## REPORT OF LABORATORY ANALYSIS

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### ANALYTICAL RESULTS

Project: Genesis Convention Center

Pace Project No.: 50375189

Sample: SB-16 (11-13) Lab ID: 50375189032 Collected: 06/05/24 09:34 Received: 06/06/24 13:02 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV 5035A VOA</b>									
Analytical Method: EPA 8260									
Pace Analytical Services - Indianapolis									
1,1,1-Trichloroethane	ND	mg/kg	0.0059	0.00042	1		06/13/24 17:10	71-55-6	
1,1,2-Trichloroethane	ND	mg/kg	0.0059	0.0011	1		06/13/24 17:10	79-00-5	
Trichloroethene	ND	mg/kg	0.0059	0.00046	1		06/13/24 17:10	79-01-6	
Trichlorofluoromethane	ND	mg/kg	0.0059	0.00047	1		06/13/24 17:10	75-69-4	
1,2,3-Trichloropropane	ND	mg/kg	0.0059	0.0015	1		06/13/24 17:10	96-18-4	
1,2,4-Trimethylbenzene	ND	mg/kg	0.0059	0.00083	1		06/13/24 17:10	95-63-6	
1,3,5-Trimethylbenzene	ND	mg/kg	0.0059	0.00031	1		06/13/24 17:10	108-67-8	
Vinyl acetate	ND	mg/kg	0.12	0.0014	1		06/13/24 17:10	108-05-4	
Vinyl chloride	ND	mg/kg	0.0059	0.0013	1		06/13/24 17:10	75-01-4	
Xylene (Total)	ND	mg/kg	0.012	0.0026	1		06/13/24 17:10	1330-20-7	
<b>Surrogates</b>									
Dibromofluoromethane (S)	103	%	75-135		1		06/13/24 17:10	1868-53-7	
Toluene-d8 (S)	96	%	65-148		1		06/13/24 17:10	2037-26-5	
4-Bromofluorobenzene (S)	108	%	63-132		1		06/13/24 17:10	460-00-4	
<b>Percent Moisture</b>									
Analytical Method: SM 2540G									
Pace Analytical Services - Indianapolis									
Percent Moisture	4.4	%	0.10	0.10	1		06/18/24 13:59		N2

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## ANALYTICAL RESULTS

Project: Genesis Convention Center

Pace Project No.: 50375189

Sample: FD-1 Lab ID: 50375189033 Collected: 06/04/24 08:00 Received: 06/06/24 13:02 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
<b>6010 MET ICP</b>									
Analytical Method: EPA 6010 Preparation Method: EPA 3050									
Pace Analytical Services - Indianapolis									
Lead	1.7	mg/kg	0.95	0.12	1	06/17/24 09:01	06/18/24 02:52	7439-92-1	
<b>8270 PAH Soil by SIM</b>									
Analytical Method: EPA 8270 by SIM Preparation Method: EPA 3546									
Pace Analytical Services - Indianapolis									
Acenaphthene	ND	mg/kg	0.0053	0.0021	1	06/14/24 22:02	06/17/24 21:50	83-32-9	
Acenaphthylene	ND	mg/kg	0.0053	0.0020	1	06/14/24 22:02	06/17/24 21:50	208-96-8	
Anthracene	ND	mg/kg	0.0053	0.0027	1	06/14/24 22:02	06/17/24 21:50	120-12-7	
Benzo(a)anthracene	ND	mg/kg	0.0053	0.0015	1	06/14/24 22:02	06/17/24 21:50	56-55-3	
Benzo(a)pyrene	ND	mg/kg	0.0053	0.0032	1	06/14/24 22:02	06/17/24 21:50	50-32-8	
Benzo(b)fluoranthene	ND	mg/kg	0.0053	0.0029	1	06/14/24 22:02	06/17/24 21:50	205-99-2	
Benzo(g,h,i)perylene	ND	mg/kg	0.0053	0.0031	1	06/14/24 22:02	06/17/24 21:50	191-24-2	
Benzo(k)fluoranthene	ND	mg/kg	0.0053	0.0024	1	06/14/24 22:02	06/17/24 21:50	207-08-9	
Chrysene	ND	mg/kg	0.0053	0.0036	1	06/14/24 22:02	06/17/24 21:50	218-01-9	
Dibenz(a,h)anthracene	ND	mg/kg	0.0053	0.0026	1	06/14/24 22:02	06/17/24 21:50	53-70-3	
Fluoranthene	ND	mg/kg	0.0053	0.0037	1	06/14/24 22:02	06/17/24 21:50	206-44-0	
Fluorene	ND	mg/kg	0.0053	0.0021	1	06/14/24 22:02	06/17/24 21:50	86-73-7	
Indeno(1,2,3-cd)pyrene	ND	mg/kg	0.0053	0.0027	1	06/14/24 22:02	06/17/24 21:50	193-39-5	
1-Methylnaphthalene	ND	mg/kg	0.0053	0.0021	1	06/14/24 22:02	06/17/24 21:50	90-12-0	
2-Methylnaphthalene	ND	mg/kg	0.0053	0.0050	1	06/14/24 22:02	06/17/24 21:50	91-57-6	
Naphthalene	ND	mg/kg	0.0053	0.0049	1	06/14/24 22:02	06/17/24 21:50	91-20-3	
Phenanthrene	ND	mg/kg	0.0053	0.0038	1	06/14/24 22:02	06/17/24 21:50	85-01-8	
Pyrene	ND	mg/kg	0.0053	0.0036	1	06/14/24 22:02	06/17/24 21:50	129-00-0	
<b>Surrogates</b>									
2-Fluorobiphenyl (S)	68	%	16-93		1	06/14/24 22:02	06/17/24 21:50	321-60-8	
p-Terphenyl-d14 (S)	78	%	19-115		1	06/14/24 22:02	06/17/24 21:50	1718-51-0	
<b>8260 MSV 5035A VOA</b>									
Analytical Method: EPA 8260									
Pace Analytical Services - Indianapolis									
Acetone	ND	mg/kg	0.11	0.015	1		06/13/24 11:20	67-64-1	
Acrolein	ND	mg/kg	0.11	0.020	1		06/13/24 11:20	107-02-8	
Acrylonitrile	ND	mg/kg	0.11	0.0020	1		06/13/24 11:20	107-13-1	
Benzene	ND	mg/kg	0.0053	0.00027	1		06/13/24 11:20	71-43-2	
Bromobenzene	ND	mg/kg	0.0053	0.00039	1		06/13/24 11:20	108-86-1	
Bromochloromethane	ND	mg/kg	0.0053	0.00042	1		06/13/24 11:20	74-97-5	
Bromodichloromethane	ND	mg/kg	0.0053	0.00040	1		06/13/24 11:20	75-27-4	
Bromoform	ND	mg/kg	0.0053	0.00043	1		06/13/24 11:20	75-25-2	L1
Bromomethane	ND	mg/kg	0.0053	0.00051	1		06/13/24 11:20	74-83-9	
2-Butanone (MEK)	ND	mg/kg	0.027	0.0076	1		06/13/24 11:20	78-93-3	
n-Butylbenzene	ND	mg/kg	0.0053	0.00037	1		06/13/24 11:20	104-51-8	
sec-Butylbenzene	ND	mg/kg	0.0053	0.00030	1		06/13/24 11:20	135-98-8	
tert-Butylbenzene	ND	mg/kg	0.0053	0.00028	1		06/13/24 11:20	98-06-6	
Carbon disulfide	ND	mg/kg	0.011	0.00070	1		06/13/24 11:20	75-15-0	
Carbon tetrachloride	ND	mg/kg	0.0053	0.00031	1		06/13/24 11:20	56-23-5	
Chlorobenzene	ND	mg/kg	0.0053	0.00027	1		06/13/24 11:20	108-90-7	

## REPORT OF LABORATORY ANALYSIS

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## ANALYTICAL RESULTS

Project: Genesis Convention Center

Pace Project No.: 50375189

Sample: FD-1 Lab ID: 50375189033 Collected: 06/04/24 08:00 Received: 06/06/24 13:02 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV 5035A VOA</b>		Analytical Method: EPA 8260 Pace Analytical Services - Indianapolis							
Chloroethane	ND	mg/kg	0.0053	0.00074	1		06/13/24 11:20	75-00-3	
Chloroform	ND	mg/kg	0.0053	0.0023	1		06/13/24 11:20	67-66-3	
Chloromethane	ND	mg/kg	0.0053	0.00035	1		06/13/24 11:20	74-87-3	
2-Chlorotoluene	ND	mg/kg	0.0053	0.00033	1		06/13/24 11:20	95-49-8	
4-Chlorotoluene	ND	mg/kg	0.0053	0.00037	1		06/13/24 11:20	106-43-4	
Dibromochloromethane	ND	mg/kg	0.0053	0.00041	1		06/13/24 11:20	124-48-1	
1,2-Dibromoethane (EDB)	ND	mg/kg	0.0053	0.00070	1		06/13/24 11:20	106-93-4	
Dibromomethane	ND	mg/kg	0.0053	0.00063	1		06/13/24 11:20	74-95-3	
1,2-Dichlorobenzene	ND	mg/kg	0.0053	0.00034	1		06/13/24 11:20	95-50-1	
1,3-Dichlorobenzene	ND	mg/kg	0.0053	0.00035	1		06/13/24 11:20	541-73-1	
1,4-Dichlorobenzene	ND	mg/kg	0.0053	0.00036	1		06/13/24 11:20	106-46-7	
trans-1,4-Dichloro-2-butene	ND	mg/kg	0.11	0.0024	1		06/13/24 11:20	110-57-6	
Dichlorodifluoromethane	ND	mg/kg	0.0053	0.00035	1		06/13/24 11:20	75-71-8	
1,1-Dichloroethane	ND	mg/kg	0.0053	0.00024	1		06/13/24 11:20	75-34-3	
1,2-Dichloroethane	ND	mg/kg	0.0053	0.00027	1		06/13/24 11:20	107-06-2	
1,1-Dichloroethene	ND	mg/kg	0.0053	0.00040	1		06/13/24 11:20	75-35-4	
cis-1,2-Dichloroethene	ND	mg/kg	0.0053	0.00036	1		06/13/24 11:20	156-59-2	
trans-1,2-Dichloroethene	ND	mg/kg	0.0053	0.00054	1		06/13/24 11:20	156-60-5	
1,2-Dichloropropane	ND	mg/kg	0.0053	0.00049	1		06/13/24 11:20	78-87-5	
1,3-Dichloropropane	ND	mg/kg	0.0053	0.00031	1		06/13/24 11:20	142-28-9	
2,2-Dichloropropane	ND	mg/kg	0.0053	0.0018	1		06/13/24 11:20	594-20-7	
1,1-Dichloropropene	ND	mg/kg	0.0053	0.00026	1		06/13/24 11:20	563-58-6	
cis-1,3-Dichloropropene	ND	mg/kg	0.0053	0.00029	1		06/13/24 11:20	10061-01-5	
trans-1,3-Dichloropropene	ND	mg/kg	0.0053	0.0011	1		06/13/24 11:20	10061-02-6	
Ethylbenzene	ND	mg/kg	0.0053	0.00026	1		06/13/24 11:20	100-41-4	
Ethyl methacrylate	ND	mg/kg	0.11	0.0030	1		06/13/24 11:20	97-63-2	
Hexachloro-1,3-butadiene	ND	mg/kg	0.0053	0.00035	1		06/13/24 11:20	87-68-3	
n-Hexane	ND	mg/kg	0.0053	0.00058	1		06/13/24 11:20	110-54-3	
2-Hexanone	ND	mg/kg	0.11	0.0025	1		06/13/24 11:20	591-78-6	
Iodomethane	ND	mg/kg	0.11	0.00051	1		06/13/24 11:20	74-88-4	L1
Isopropylbenzene (Cumene)	ND	mg/kg	0.0053	0.00034	1		06/13/24 11:20	98-82-8	
p-Isopropyltoluene	ND	mg/kg	0.0053	0.00033	1		06/13/24 11:20	99-87-6	
Methylene Chloride	ND	mg/kg	0.021	0.012	1		06/13/24 11:20	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	mg/kg	0.027	0.0018	1		06/13/24 11:20	108-10-1	
Methyl-tert-butyl ether	ND	mg/kg	0.0053	0.00026	1		06/13/24 11:20	1634-04-4	
Naphthalene	ND	mg/kg	0.0053	0.00094	1		06/13/24 11:20	91-20-3	
n-Propylbenzene	ND	mg/kg	0.0053	0.00030	1		06/13/24 11:20	103-65-1	
Styrene	ND	mg/kg	0.0053	0.00035	1		06/13/24 11:20	100-42-5	
1,1,1,2-Tetrachloroethane	ND	mg/kg	0.0053	0.00035	1		06/13/24 11:20	630-20-6	
1,1,2,2-Tetrachloroethane	ND	mg/kg	0.0053	0.00072	1		06/13/24 11:20	79-34-5	
Tetrachloroethene	ND	mg/kg	0.0053	0.00030	1		06/13/24 11:20	127-18-4	
Toluene	ND	mg/kg	0.0053	0.0014	1		06/13/24 11:20	108-88-3	
1,2,3-Trichlorobenzene	ND	mg/kg	0.0053	0.00064	1		06/13/24 11:20	87-61-6	
1,2,4-Trichlorobenzene	ND	mg/kg	0.0053	0.00059	1		06/13/24 11:20	120-82-1	

## REPORT OF LABORATORY ANALYSIS

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**ANALYTICAL RESULTS**

Project: Genesis Convention Center

Pace Project No.: 50375189

**Sample: FD-1**      **Lab ID: 50375189033**      Collected: 06/04/24 08:00      Received: 06/06/24 13:02      Matrix: Solid

*Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.*

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV 5035A VOA</b>									
Analytical Method: EPA 8260									
Pace Analytical Services - Indianapolis									
1,1,1-Trichloroethane	ND	mg/kg	0.0053	0.00033	1		06/13/24 11:20	71-55-6	
1,1,2-Trichloroethane	ND	mg/kg	0.0053	0.00074	1		06/13/24 11:20	79-00-5	
Trichloroethene	ND	mg/kg	0.0053	0.00057	1		06/13/24 11:20	79-01-6	
Trichlorofluoromethane	ND	mg/kg	0.0053	0.00038	1		06/13/24 11:20	75-69-4	
1,2,3-Trichloropropane	ND	mg/kg	0.0053	0.0018	1		06/13/24 11:20	96-18-4	L1
1,2,4-Trimethylbenzene	ND	mg/kg	0.0053	0.00028	1		06/13/24 11:20	95-63-6	
1,3,5-Trimethylbenzene	ND	mg/kg	0.0053	0.00030	1		06/13/24 11:20	108-67-8	
Vinyl acetate	ND	mg/kg	0.11	0.0011	1		06/13/24 11:20	108-05-4	
Vinyl chloride	ND	mg/kg	0.0053	0.00027	1		06/13/24 11:20	75-01-4	
Xylene (Total)	ND	mg/kg	0.011	0.00071	1		06/13/24 11:20	1330-20-7	
<b>Surrogates</b>									
Dibromofluoromethane (S)	102	%	75-135		1		06/13/24 11:20	1868-53-7	
Toluene-d8 (S)	95	%	65-148		1		06/13/24 11:20	2037-26-5	
4-Bromofluorobenzene (S)	117	%	63-132		1		06/13/24 11:20	460-00-4	

**Percent Moisture**

Analytical Method: SM 2540G

Pace Analytical Services - Indianapolis

Percent Moisture	<b>10.4</b>	%	0.10	0.10	1		06/18/24 14:13		N2
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## ANALYTICAL RESULTS

Project: Genesis Convention Center

Pace Project No.: 50375189

Sample: FD-2 Lab ID: 50375189034 Collected: 06/05/24 08:00 Received: 06/06/24 13:02 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
<b>6010 MET ICP</b>									
Analytical Method: EPA 6010 Preparation Method: EPA 3050									
Pace Analytical Services - Indianapolis									
Lead	1.6	mg/kg	1.0	0.13	1	06/17/24 09:01	06/18/24 02:54	7439-92-1	
<b>8270 PAH Soil by SIM</b>									
Analytical Method: EPA 8270 by SIM Preparation Method: EPA 3546									
Pace Analytical Services - Indianapolis									
Acenaphthene	ND	mg/kg	0.0055	0.0022	1	06/14/24 18:18	06/17/24 23:54	83-32-9	
Acenaphthylene	ND	mg/kg	0.0055	0.0021	1	06/14/24 18:18	06/17/24 23:54	208-96-8	
Anthracene	ND	mg/kg	0.0055	0.0028	1	06/14/24 18:18	06/17/24 23:54	120-12-7	
Benzo(a)anthracene	ND	mg/kg	0.0055	0.0016	1	06/14/24 18:18	06/17/24 23:54	56-55-3	
Benzo(a)pyrene	ND	mg/kg	0.0055	0.0033	1	06/14/24 18:18	06/17/24 23:54	50-32-8	
Benzo(b)fluoranthene	ND	mg/kg	0.0055	0.0030	1	06/14/24 18:18	06/17/24 23:54	205-99-2	
Benzo(g,h,i)perylene	ND	mg/kg	0.0055	0.0033	1	06/14/24 18:18	06/17/24 23:54	191-24-2	
Benzo(k)fluoranthene	ND	mg/kg	0.0055	0.0025	1	06/14/24 18:18	06/17/24 23:54	207-08-9	
Chrysene	ND	mg/kg	0.0055	0.0038	1	06/14/24 18:18	06/17/24 23:54	218-01-9	
Dibenz(a,h)anthracene	ND	mg/kg	0.0055	0.0027	1	06/14/24 18:18	06/17/24 23:54	53-70-3	
Fluoranthene	ND	mg/kg	0.0055	0.0038	1	06/14/24 18:18	06/17/24 23:54	206-44-0	
Fluorene	ND	mg/kg	0.0055	0.0022	1	06/14/24 18:18	06/17/24 23:54	86-73-7	
Indeno(1,2,3-cd)pyrene	ND	mg/kg	0.0055	0.0028	1	06/14/24 18:18	06/17/24 23:54	193-39-5	
1-Methylnaphthalene	ND	mg/kg	0.0055	0.0022	1	06/14/24 18:18	06/17/24 23:54	90-12-0	
2-Methylnaphthalene	ND	mg/kg	0.0055	0.0052	1	06/14/24 18:18	06/17/24 23:54	91-57-6	
Naphthalene	ND	mg/kg	0.0055	0.0051	1	06/14/24 18:18	06/17/24 23:54	91-20-3	
Phenanthrene	ND	mg/kg	0.0055	0.0040	1	06/14/24 18:18	06/17/24 23:54	85-01-8	
Pyrene	ND	mg/kg	0.0055	0.0038	1	06/14/24 18:18	06/17/24 23:54	129-00-0	
<b>Surrogates</b>									
2-Fluorobiphenyl (S)	63	%	16-93		1	06/14/24 18:18	06/17/24 23:54	321-60-8	
p-Terphenyl-d14 (S)	74	%	19-115		1	06/14/24 18:18	06/17/24 23:54	1718-51-0	
<b>8260 MSV 5035A VOA</b>									
Analytical Method: EPA 8260									
Pace Analytical Services - Indianapolis									
Acetone	ND	mg/kg	0.12	0.017	1		06/13/24 11:50	67-64-1	
Acrolein	ND	mg/kg	0.12	0.023	1		06/13/24 11:50	107-02-8	
Acrylonitrile	ND	mg/kg	0.12	0.0023	1		06/13/24 11:50	107-13-1	
Benzene	ND	mg/kg	0.0061	0.00030	1		06/13/24 11:50	71-43-2	
Bromobenzene	ND	mg/kg	0.0061	0.00044	1		06/13/24 11:50	108-86-1	
Bromochloromethane	ND	mg/kg	0.0061	0.00048	1		06/13/24 11:50	74-97-5	
Bromodichloromethane	ND	mg/kg	0.0061	0.00045	1		06/13/24 11:50	75-27-4	
Bromoform	ND	mg/kg	0.0061	0.00049	1		06/13/24 11:50	75-25-2	L1
Bromomethane	ND	mg/kg	0.0061	0.00058	1		06/13/24 11:50	74-83-9	
2-Butanone (MEK)	ND	mg/kg	0.030	0.0086	1		06/13/24 11:50	78-93-3	
n-Butylbenzene	ND	mg/kg	0.0061	0.00042	1		06/13/24 11:50	104-51-8	
sec-Butylbenzene	ND	mg/kg	0.0061	0.00034	1		06/13/24 11:50	135-98-8	
tert-Butylbenzene	ND	mg/kg	0.0061	0.00031	1		06/13/24 11:50	98-06-6	
Carbon disulfide	ND	mg/kg	0.012	0.00079	1		06/13/24 11:50	75-15-0	
Carbon tetrachloride	ND	mg/kg	0.0061	0.00035	1		06/13/24 11:50	56-23-5	
Chlorobenzene	ND	mg/kg	0.0061	0.00031	1		06/13/24 11:50	108-90-7	

## REPORT OF LABORATORY ANALYSIS

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## ANALYTICAL RESULTS

Project: Genesis Convention Center

Pace Project No.: 50375189

Sample: FD-2 Lab ID: 50375189034 Collected: 06/05/24 08:00 Received: 06/06/24 13:02 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV 5035A VOA</b>		Analytical Method: EPA 8260 Pace Analytical Services - Indianapolis							
Chloroethane	ND	mg/kg	0.0061	0.00084	1		06/13/24 11:50	75-00-3	
Chloroform	ND	mg/kg	0.0061	0.0026	1		06/13/24 11:50	67-66-3	
Chloromethane	ND	mg/kg	0.0061	0.00040	1		06/13/24 11:50	74-87-3	
2-Chlorotoluene	ND	mg/kg	0.0061	0.00037	1		06/13/24 11:50	95-49-8	
4-Chlorotoluene	ND	mg/kg	0.0061	0.00041	1		06/13/24 11:50	106-43-4	
Dibromochloromethane	ND	mg/kg	0.0061	0.00047	1		06/13/24 11:50	124-48-1	
1,2-Dibromoethane (EDB)	ND	mg/kg	0.0061	0.00079	1		06/13/24 11:50	106-93-4	
Dibromomethane	ND	mg/kg	0.0061	0.00071	1		06/13/24 11:50	74-95-3	
1,2-Dichlorobenzene	ND	mg/kg	0.0061	0.00039	1		06/13/24 11:50	95-50-1	
1,3-Dichlorobenzene	ND	mg/kg	0.0061	0.00039	1		06/13/24 11:50	541-73-1	
1,4-Dichlorobenzene	ND	mg/kg	0.0061	0.00041	1		06/13/24 11:50	106-46-7	
trans-1,4-Dichloro-2-butene	ND	mg/kg	0.12	0.0027	1		06/13/24 11:50	110-57-6	
Dichlorodifluoromethane	ND	mg/kg	0.0061	0.00040	1		06/13/24 11:50	75-71-8	
1,1-Dichloroethane	ND	mg/kg	0.0061	0.00027	1		06/13/24 11:50	75-34-3	
1,2-Dichloroethane	ND	mg/kg	0.0061	0.00030	1		06/13/24 11:50	107-06-2	
1,1-Dichloroethene	ND	mg/kg	0.0061	0.00045	1		06/13/24 11:50	75-35-4	
cis-1,2-Dichloroethene	ND	mg/kg	0.0061	0.00041	1		06/13/24 11:50	156-59-2	
trans-1,2-Dichloroethene	ND	mg/kg	0.0061	0.00062	1		06/13/24 11:50	156-60-5	
1,2-Dichloropropane	ND	mg/kg	0.0061	0.00056	1		06/13/24 11:50	78-87-5	
1,3-Dichloropropane	ND	mg/kg	0.0061	0.00035	1		06/13/24 11:50	142-28-9	
2,2-Dichloropropane	ND	mg/kg	0.0061	0.0021	1		06/13/24 11:50	594-20-7	
1,1-Dichloropropene	ND	mg/kg	0.0061	0.00030	1		06/13/24 11:50	563-58-6	
cis-1,3-Dichloropropene	ND	mg/kg	0.0061	0.00033	1		06/13/24 11:50	10061-01-5	
trans-1,3-Dichloropropene	ND	mg/kg	0.0061	0.0013	1		06/13/24 11:50	10061-02-6	
Ethylbenzene	ND	mg/kg	0.0061	0.00029	1		06/13/24 11:50	100-41-4	
Ethyl methacrylate	ND	mg/kg	0.12	0.0034	1		06/13/24 11:50	97-63-2	
Hexachloro-1,3-butadiene	ND	mg/kg	0.0061	0.00040	1		06/13/24 11:50	87-68-3	
n-Hexane	ND	mg/kg	0.0061	0.00066	1		06/13/24 11:50	110-54-3	
2-Hexanone	ND	mg/kg	0.12	0.0028	1		06/13/24 11:50	591-78-6	
Iodomethane	ND	mg/kg	0.12	0.00057	1		06/13/24 11:50	74-88-4	L1
Isopropylbenzene (Cumene)	ND	mg/kg	0.0061	0.00038	1		06/13/24 11:50	98-82-8	
p-Isopropyltoluene	ND	mg/kg	0.0061	0.00037	1		06/13/24 11:50	99-87-6	
Methylene Chloride	ND	mg/kg	0.024	0.014	1		06/13/24 11:50	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	mg/kg	0.030	0.0020	1		06/13/24 11:50	108-10-1	
Methyl-tert-butyl ether	ND	mg/kg	0.0061	0.00030	1		06/13/24 11:50	1634-04-4	
Naphthalene	ND	mg/kg	0.0061	0.0011	1		06/13/24 11:50	91-20-3	
n-Propylbenzene	ND	mg/kg	0.0061	0.00034	1		06/13/24 11:50	103-65-1	
Styrene	ND	mg/kg	0.0061	0.00039	1		06/13/24 11:50	100-42-5	
1,1,1,2-Tetrachloroethane	ND	mg/kg	0.0061	0.00040	1		06/13/24 11:50	630-20-6	
1,1,2,2-Tetrachloroethane	ND	mg/kg	0.0061	0.00081	1		06/13/24 11:50	79-34-5	
Tetrachloroethene	ND	mg/kg	0.0061	0.00034	1		06/13/24 11:50	127-18-4	
Toluene	ND	mg/kg	0.0061	0.0016	1		06/13/24 11:50	108-88-3	
1,2,3-Trichlorobenzene	ND	mg/kg	0.0061	0.00072	1		06/13/24 11:50	87-61-6	
1,2,4-Trichlorobenzene	ND	mg/kg	0.0061	0.00067	1		06/13/24 11:50	120-82-1	

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### ANALYTICAL RESULTS

Project: Genesis Convention Center

Pace Project No.: 50375189

Sample: **FD-2** Lab ID: **50375189034** Collected: 06/05/24 08:00 Received: 06/06/24 13:02 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report		DF	Prepared	Analyzed	CAS No.	Qual
			Limit	MDL					
<b>8260 MSV 5035A VOA</b>									
Analytical Method: EPA 8260									
Pace Analytical Services - Indianapolis									
1,1,1-Trichloroethane	ND	mg/kg	0.0061	0.00037	1		06/13/24 11:50	71-55-6	
1,1,2-Trichloroethane	ND	mg/kg	0.0061	0.00084	1		06/13/24 11:50	79-00-5	
Trichloroethene	ND	mg/kg	0.0061	0.00065	1		06/13/24 11:50	79-01-6	
Trichlorofluoromethane	ND	mg/kg	0.0061	0.00043	1		06/13/24 11:50	75-69-4	
1,2,3-Trichloropropane	ND	mg/kg	0.0061	0.0020	1		06/13/24 11:50	96-18-4	L1
1,2,4-Trimethylbenzene	ND	mg/kg	0.0061	0.00032	1		06/13/24 11:50	95-63-6	
1,3,5-Trimethylbenzene	ND	mg/kg	0.0061	0.00034	1		06/13/24 11:50	108-67-8	
Vinyl acetate	ND	mg/kg	0.12	0.0012	1		06/13/24 11:50	108-05-4	
Vinyl chloride	ND	mg/kg	0.0061	0.00030	1		06/13/24 11:50	75-01-4	
Xylene (Total)	ND	mg/kg	0.012	0.00080	1		06/13/24 11:50	1330-20-7	
<b>Surrogates</b>									
Dibromofluoromethane (S)	104	%	75-135		1		06/13/24 11:50	1868-53-7	
Toluene-d8 (S)	94	%	65-148		1		06/13/24 11:50	2037-26-5	
4-Bromofluorobenzene (S)	104	%	63-132		1		06/13/24 11:50	460-00-4	
<b>Percent Moisture</b>									
Analytical Method: SM 2540G									
Pace Analytical Services - Indianapolis									
Percent Moisture	<b>10.8</b>	%	0.10	0.10	1		06/18/24 14:13		N2

### REPORT OF LABORATORY ANALYSIS

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**QUALITY CONTROL DATA**

Project: Genesis Convention Center

Pace Project No.: 50375189

QC Batch:	795457	Analysis Method:	EPA 6010
QC Batch Method:	EPA 3050	Analysis Description:	6010 MET
		Laboratory:	Pace Analytical Services - Indianapolis
Associated Lab Samples:	50375189001, 50375189002, 50375189003, 50375189004, 50375189005, 50375189006, 50375189007, 50375189008, 50375189009, 50375189010, 50375189011, 50375189012, 50375189013, 50375189014, 50375189015, 50375189016, 50375189017, 50375189018, 50375189019, 50375189020		

METHOD BLANK:	3639731	Matrix:	Solid
Associated Lab Samples:	50375189001, 50375189002, 50375189003, 50375189004, 50375189005, 50375189006, 50375189007, 50375189008, 50375189009, 50375189010, 50375189011, 50375189012, 50375189013, 50375189014, 50375189015, 50375189016, 50375189017, 50375189018, 50375189019, 50375189020		

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Lead	mg/kg	ND	1.0	0.23	06/18/24 11:05	

LABORATORY CONTROL SAMPLE:	3639732					
Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Lead	mg/kg	50	44.8	90	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE:	3639733			3639734								
Parameter	Units	50375189009 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Lead	mg/kg	2.3	46.8	47.1	42.5	41.9	86	84	75-125	1	20	

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**REPORT OF LABORATORY ANALYSIS**

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**QUALITY CONTROL DATA**

Project: Genesis Convention Center

Pace Project No.: 50375189

QC Batch: 795459 Analysis Method: EPA 6010  
 QC Batch Method: EPA 3050 Analysis Description: 6010 MET  
 Laboratory: Pace Analytical Services - Indianapolis  
 Associated Lab Samples: 50375189021, 50375189022, 50375189023, 50375189024, 50375189025, 50375189026, 50375189027, 50375189028, 50375189029, 50375189030, 50375189031, 50375189032, 50375189033, 50375189034

METHOD BLANK: 3639739 Matrix: Solid  
 Associated Lab Samples: 50375189021, 50375189022, 50375189023, 50375189024, 50375189025, 50375189026, 50375189027, 50375189028, 50375189029, 50375189030, 50375189031, 50375189032, 50375189033, 50375189034

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Lead	mg/kg	ND	1.0	0.13	06/18/24 02:16	

LABORATORY CONTROL SAMPLE: 3639740

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Lead	mg/kg	50	50.7	101	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3639741 3639742

Parameter	Units	50375189023 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Lead	mg/kg	10.8	44.8	50.8	51.9	58.6	92	94	75-125	12	20	

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QUALITY CONTROL DATA

Project: Genesis Convention Center

Pace Project No.: 50375189

QC Batch: 795541 Analysis Method: EPA 8260
QC Batch Method: EPA 8260 Analysis Description: 8260 MSV 5035A Volatile Organics
Laboratory: Pace Analytical Services - Indianapolis
Associated Lab Samples: 50375189001, 50375189002, 50375189003, 50375189004, 50375189005, 50375189006, 50375189007, 50375189008, 50375189009, 50375189010, 50375189011, 50375189012, 50375189013, 50375189014

METHOD BLANK: 3639982 Matrix: Solid
Associated Lab Samples: 50375189001, 50375189002, 50375189003, 50375189004, 50375189005, 50375189006, 50375189007, 50375189008, 50375189009, 50375189010, 50375189011, 50375189012, 50375189013, 50375189014

Table with 7 columns: Parameter, Units, Blank Result, Reporting Limit, MDL, Analyzed, Qualifiers. Lists various chemical compounds and their detection results.

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**QUALITY CONTROL DATA**

Project: Genesis Convention Center

Pace Project No.: 50375189

METHOD BLANK: 3639982

Matrix: Solid

Associated Lab Samples: 50375189001, 50375189002, 50375189003, 50375189004, 50375189005, 50375189006, 50375189007, 50375189008, 50375189009, 50375189010, 50375189011, 50375189012, 50375189013, 50375189014

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Chloromethane	mg/kg	ND	0.0050	0.00058	06/13/24 09:45	
cis-1,2-Dichloroethene	mg/kg	ND	0.0050	0.00069	06/13/24 09:45	
cis-1,3-Dichloropropene	mg/kg	ND	0.0050	0.00063	06/13/24 09:45	
Dibromochloromethane	mg/kg	ND	0.0050	0.00069	06/13/24 09:45	
Dibromomethane	mg/kg	ND	0.0050	0.0013	06/13/24 09:45	
Dichlorodifluoromethane	mg/kg	ND	0.0050	0.0026	06/13/24 09:45	
Ethyl methacrylate	mg/kg	ND	0.10	0.00066	06/13/24 09:45	
Ethylbenzene	mg/kg	ND	0.0050	0.00064	06/13/24 09:45	
Hexachloro-1,3-butadiene	mg/kg	ND	0.0050	0.00068	06/13/24 09:45	
Iodomethane	mg/kg	ND	0.10	0.0028	06/13/24 09:45	
Isopropylbenzene (Cumene)	mg/kg	ND	0.0050	0.0016	06/13/24 09:45	
Methyl-tert-butyl ether	mg/kg	ND	0.0050	0.00059	06/13/24 09:45	
Methylene Chloride	mg/kg	ND	0.020	0.0089	06/13/24 09:45	
n-Butylbenzene	mg/kg	ND	0.0050	0.00062	06/13/24 09:45	
n-Hexane	mg/kg	ND	0.0050	0.0036	06/13/24 09:45	
n-Propylbenzene	mg/kg	ND	0.0050	0.00060	06/13/24 09:45	
Naphthalene	mg/kg	ND	0.0050	0.00076	06/13/24 09:45	
p-Isopropyltoluene	mg/kg	ND	0.0050	0.00062	06/13/24 09:45	
sec-Butylbenzene	mg/kg	ND	0.0050	0.00062	06/13/24 09:45	
Styrene	mg/kg	ND	0.0050	0.0036	06/13/24 09:45	
tert-Butylbenzene	mg/kg	ND	0.0050	0.00063	06/13/24 09:45	
Tetrachloroethene	mg/kg	ND	0.0050	0.00062	06/13/24 09:45	
Toluene	mg/kg	ND	0.0050	0.0012	06/13/24 09:45	
trans-1,2-Dichloroethene	mg/kg	ND	0.0050	0.00067	06/13/24 09:45	
trans-1,3-Dichloropropene	mg/kg	ND	0.0050	0.0013	06/13/24 09:45	
trans-1,4-Dichloro-2-butene	mg/kg	ND	0.10	0.0013	06/13/24 09:45	
Trichloroethene	mg/kg	ND	0.0050	0.00070	06/13/24 09:45	
Trichlorofluoromethane	mg/kg	ND	0.0050	0.0028	06/13/24 09:45	
Vinyl acetate	mg/kg	ND	0.10	0.0019	06/13/24 09:45	
Vinyl chloride	mg/kg	ND	0.0050	0.00055	06/13/24 09:45	
Xylene (Total)	mg/kg	ND	0.010	0.0013	06/13/24 09:45	
4-Bromofluorobenzene (S)	%	96	63-132		06/13/24 09:45	
Dibromofluoromethane (S)	%	106	75-135		06/13/24 09:45	
Toluene-d8 (S)	%	98	65-148		06/13/24 09:45	

LABORATORY CONTROL SAMPLE: 3639983

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1-Trichloroethane	mg/kg	0.05	0.041	82	67-134	
1,1,2,2-Tetrachloroethane	mg/kg	0.05	0.044	88	67-122	
1,1-Dichloroethene	mg/kg	0.05	0.042	84	57-140	
1,2,4-Trimethylbenzene	mg/kg	0.05	0.043	86	60-122	
1,2-Dibromoethane (EDB)	mg/kg	0.05	0.044	87	71-126	

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**QUALITY CONTROL DATA**

Project: Genesis Convention Center

Pace Project No.: 50375189

LABORATORY CONTROL SAMPLE: 3639983

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,2-Dichloroethane	mg/kg	0.05	0.041	82	67-129	
1,2-Dichloropropane	mg/kg	0.05	0.045	89	71-123	
Benzene	mg/kg	0.05	0.042	84	69-125	
Chlorobenzene	mg/kg	0.05	0.043	86	68-122	
Chloroform	mg/kg	0.05	0.043	85	71-124	
cis-1,2-Dichloroethene	mg/kg	0.05	0.044	89	70-123	
Ethylbenzene	mg/kg	0.05	0.044	87	65-124	
Isopropylbenzene (Cumene)	mg/kg	0.05	0.039	78	65-126	
Methyl-tert-butyl ether	mg/kg	0.05	0.043	86	69-128	
n-Hexane	mg/kg	0.05	0.037	74	55-123	
Naphthalene	mg/kg	0.05	0.041	81	60-133	
Tetrachloroethene	mg/kg	0.05	0.043	85	62-128	
Toluene	mg/kg	0.05	0.041	81	60-122	
trans-1,2-Dichloroethene	mg/kg	0.05	0.043	86	67-124	
Trichloroethene	mg/kg	0.05	0.044	89	68-128	
Vinyl chloride	mg/kg	0.05	0.047	94	52-142	
Xylene (Total)	mg/kg	0.15	0.13	85	62-122	
4-Bromofluorobenzene (S)	%			96	63-132	
Dibromofluoromethane (S)	%			102	75-135	
Toluene-d8 (S)	%			96	65-148	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3639984 3639985

Parameter	Units	MS		MSD		MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
		50375189009	Result	Spike Conc.	Spike Conc.								
1,1,1-Trichloroethane	mg/kg	ND	0.054	0.056	0.055	0.056	102	102	52-148	2	20		
1,1,2,2-Tetrachloroethane	mg/kg	ND	0.054	0.056	0.049	0.053	90	95	24-166	8	20		
1,1-Dichloroethene	mg/kg	ND	0.054	0.056	0.059	0.060	110	108	39-162	1	20		
1,2,4-Trimethylbenzene	mg/kg	ND	0.054	0.056	0.044	0.043	82	78	12-157	3	20		
1,2-Dibromoethane (EDB)	mg/kg	ND	0.054	0.056	0.051	0.053	94	96	36-141	4	20		
1,2-Dichloroethane	mg/kg	ND	0.054	0.056	0.049	0.051	91	93	48-138	5	20		
1,2-Dichloropropane	mg/kg	ND	0.054	0.056	0.054	0.056	99	101	45-140	4	20		
Benzene	mg/kg	ND	0.054	0.056	0.052	0.054	96	97	48-137	4	20		
Chlorobenzene	mg/kg	ND	0.054	0.056	0.049	0.049	91	89	28-136	0	20		
Chloroform	mg/kg	ND	0.054	0.056	0.053	0.054	98	98	54-136	3	20		
cis-1,2-Dichloroethene	mg/kg	ND	0.054	0.056	0.053	0.056	99	101	52-132	5	20		
Ethylbenzene	mg/kg	ND	0.054	0.056	0.049	0.049	91	88	24-150	1	20		
Isopropylbenzene (Cumene)	mg/kg	ND	0.054	0.056	0.044	0.043	82	77	30-144	4	20		
Methyl-tert-butyl ether	mg/kg	ND	0.054	0.056	0.050	0.054	92	97	57-141	8	20		
n-Hexane	mg/kg	ND	0.054	0.056	0.063	0.056	117	101	22-150	12	20		
Naphthalene	mg/kg	ND	0.054	0.056	0.040	0.039	75	70	10-132	4	20		
Tetrachloroethene	mg/kg	ND	0.054	0.056	0.053	0.052	99	94	26-159	2	20		
Toluene	mg/kg	ND	0.054	0.056	0.049	0.050	91	90	28-150	1	20		
trans-1,2-Dichloroethene	mg/kg	ND	0.054	0.056	0.055	0.055	102	100	50-134	0	20		

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**REPORT OF LABORATORY ANALYSIS**

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### QUALITY CONTROL DATA

Project: Genesis Convention Center

Pace Project No.: 50375189

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3639984 3639985											
Parameter	Units	50375189009		3639984		3639985		% Rec	% Rec	% Rec	Max
		Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec				
Trichloroethene	mg/kg	ND	0.054	0.056	0.054	0.056	101	101	33-155	2	20
Vinyl chloride	mg/kg	ND	0.054	0.056	0.069	0.072	127	130	37-161	5	20
Xylene (Total)	mg/kg	ND	0.17	0.17	0.14	0.14	90	86	25-142	1	20
4-Bromofluorobenzene (S)	%						93	94	63-132		
Dibromofluoromethane (S)	%						100	101	75-135		
Toluene-d8 (S)	%						98	96	65-148		

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### REPORT OF LABORATORY ANALYSIS

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## QUALITY CONTROL DATA

Project: Genesis Convention Center

Pace Project No.: 50375189

QC Batch: 795543

Analysis Method: EPA 8260

QC Batch Method: EPA 8260

Analysis Description: 8260 MSV 5035A Volatile Organics

Laboratory: Pace Analytical Services - Indianapolis

Associated Lab Samples: 50375189033, 50375189034

METHOD BLANK: 3639986

Matrix: Solid

Associated Lab Samples: 50375189033, 50375189034

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	mg/kg	ND	0.0050	0.00033	06/13/24 10:50	
1,1,1-Trichloroethane	mg/kg	ND	0.0050	0.00031	06/13/24 10:50	
1,1,2,2-Tetrachloroethane	mg/kg	ND	0.0050	0.00067	06/13/24 10:50	
1,1,2-Trichloroethane	mg/kg	ND	0.0050	0.00069	06/13/24 10:50	
1,1-Dichloroethane	mg/kg	ND	0.0050	0.00022	06/13/24 10:50	
1,1-Dichloroethene	mg/kg	ND	0.0050	0.00037	06/13/24 10:50	
1,1-Dichloropropene	mg/kg	ND	0.0050	0.00024	06/13/24 10:50	
1,2,3-Trichlorobenzene	mg/kg	ND	0.0050	0.00060	06/13/24 10:50	
1,2,3-Trichloropropane	mg/kg	ND	0.0050	0.0017	06/13/24 10:50	
1,2,4-Trichlorobenzene	mg/kg	ND	0.0050	0.00055	06/13/24 10:50	
1,2,4-Trimethylbenzene	mg/kg	ND	0.0050	0.00026	06/13/24 10:50	
1,2-Dibromoethane (EDB)	mg/kg	ND	0.0050	0.00065	06/13/24 10:50	
1,2-Dichlorobenzene	mg/kg	ND	0.0050	0.00032	06/13/24 10:50	
1,2-Dichloroethane	mg/kg	ND	0.0050	0.00025	06/13/24 10:50	
1,2-Dichloropropane	mg/kg	ND	0.0050	0.00046	06/13/24 10:50	
1,3,5-Trimethylbenzene	mg/kg	ND	0.0050	0.00028	06/13/24 10:50	
1,3-Dichlorobenzene	mg/kg	ND	0.0050	0.00032	06/13/24 10:50	
1,3-Dichloropropane	mg/kg	ND	0.0050	0.00029	06/13/24 10:50	
1,4-Dichlorobenzene	mg/kg	ND	0.0050	0.00034	06/13/24 10:50	
2,2-Dichloropropane	mg/kg	ND	0.0050	0.0017	06/13/24 10:50	
2-Butanone (MEK)	mg/kg	ND	0.025	0.0071	06/13/24 10:50	
2-Chlorotoluene	mg/kg	ND	0.0050	0.00031	06/13/24 10:50	
2-Hexanone	mg/kg	ND	0.10	0.0023	06/13/24 10:50	
4-Chlorotoluene	mg/kg	ND	0.0050	0.00034	06/13/24 10:50	
4-Methyl-2-pentanone (MIBK)	mg/kg	ND	0.025	0.0017	06/13/24 10:50	
Acetone	mg/kg	ND	0.10	0.014	06/13/24 10:50	
Acrolein	mg/kg	ND	0.10	0.019	06/13/24 10:50	
Acrylonitrile	mg/kg	ND	0.10	0.0019	06/13/24 10:50	
Benzene	mg/kg	ND	0.0050	0.00025	06/13/24 10:50	
Bromobenzene	mg/kg	ND	0.0050	0.00036	06/13/24 10:50	
Bromochloromethane	mg/kg	ND	0.0050	0.00040	06/13/24 10:50	
Bromodichloromethane	mg/kg	ND	0.0050	0.00037	06/13/24 10:50	
Bromoform	mg/kg	ND	0.0050	0.00040	06/13/24 10:50	
Bromomethane	mg/kg	ND	0.0050	0.00048	06/13/24 10:50	
Carbon disulfide	mg/kg	ND	0.010	0.00066	06/13/24 10:50	
Carbon tetrachloride	mg/kg	ND	0.0050	0.00029	06/13/24 10:50	
Chlorobenzene	mg/kg	ND	0.0050	0.00026	06/13/24 10:50	
Chloroethane	mg/kg	ND	0.0050	0.00069	06/13/24 10:50	
Chloroform	mg/kg	ND	0.0050	0.0022	06/13/24 10:50	
Chloromethane	mg/kg	ND	0.0050	0.00033	06/13/24 10:50	

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## QUALITY CONTROL DATA

Project: Genesis Convention Center

Pace Project No.: 50375189

METHOD BLANK: 3639986

Matrix: Solid

Associated Lab Samples: 50375189033, 50375189034

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
cis-1,2-Dichloroethene	mg/kg	ND	0.0050	0.00034	06/13/24 10:50	
cis-1,3-Dichloropropene	mg/kg	ND	0.0050	0.00027	06/13/24 10:50	
Dibromochloromethane	mg/kg	ND	0.0050	0.00039	06/13/24 10:50	
Dibromomethane	mg/kg	ND	0.0050	0.00059	06/13/24 10:50	
Dichlorodifluoromethane	mg/kg	ND	0.0050	0.00033	06/13/24 10:50	
Ethyl methacrylate	mg/kg	ND	0.10	0.0028	06/13/24 10:50	
Ethylbenzene	mg/kg	ND	0.0050	0.00024	06/13/24 10:50	
Hexachloro-1,3-butadiene	mg/kg	ND	0.0050	0.00033	06/13/24 10:50	
Iodomethane	mg/kg	ND	0.10	0.00047	06/13/24 10:50	
Isopropylbenzene (Cumene)	mg/kg	ND	0.0050	0.00031	06/13/24 10:50	
Methyl-tert-butyl ether	mg/kg	ND	0.0050	0.00025	06/13/24 10:50	
Methylene Chloride	mg/kg	ND	0.020	0.012	06/13/24 10:50	
n-Butylbenzene	mg/kg	ND	0.0050	0.00035	06/13/24 10:50	
n-Hexane	mg/kg	ND	0.0050	0.00054	06/13/24 10:50	
n-Propylbenzene	mg/kg	ND	0.0050	0.00028	06/13/24 10:50	
Naphthalene	mg/kg	ND	0.0050	0.00088	06/13/24 10:50	
p-Isopropyltoluene	mg/kg	ND	0.0050	0.00030	06/13/24 10:50	
sec-Butylbenzene	mg/kg	ND	0.0050	0.00028	06/13/24 10:50	
Styrene	mg/kg	ND	0.0050	0.00032	06/13/24 10:50	
tert-Butylbenzene	mg/kg	ND	0.0050	0.00026	06/13/24 10:50	
Tetrachloroethene	mg/kg	ND	0.0050	0.00028	06/13/24 10:50	
Toluene	mg/kg	ND	0.0050	0.0013	06/13/24 10:50	
trans-1,2-Dichloroethene	mg/kg	ND	0.0050	0.00051	06/13/24 10:50	
trans-1,3-Dichloropropene	mg/kg	ND	0.0050	0.0010	06/13/24 10:50	
trans-1,4-Dichloro-2-butene	mg/kg	ND	0.10	0.0022	06/13/24 10:50	
Trichloroethene	mg/kg	ND	0.0050	0.00053	06/13/24 10:50	
Trichlorofluoromethane	mg/kg	ND	0.0050	0.00035	06/13/24 10:50	
Vinyl acetate	mg/kg	ND	0.10	0.0010	06/13/24 10:50	
Vinyl chloride	mg/kg	ND	0.0050	0.00025	06/13/24 10:50	
Xylene (Total)	mg/kg	ND	0.010	0.00066	06/13/24 10:50	
4-Bromofluorobenzene (S)	%	107	63-132		06/13/24 10:50	
Dibromofluoromethane (S)	%	104	75-135		06/13/24 10:50	
Toluene-d8 (S)	%	97	65-148		06/13/24 10:50	

LABORATORY CONTROL SAMPLE: 3639987

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1,2-Tetrachloroethane	mg/kg	0.05	0.059	117	70-129	
1,1,1-Trichloroethane	mg/kg	0.05	0.064	127	67-134	
1,1,2,2-Tetrachloroethane	mg/kg	0.05	0.058	116	67-122	
1,1,2-Trichloroethane	mg/kg	0.05	0.046	93	72-127	
1,1-Dichloroethane	mg/kg	0.05	0.051	102	72-121	
1,1-Dichloroethene	mg/kg	0.05	0.059	117	57-140	
1,1-Dichloropropene	mg/kg	0.05	0.059	119	76-133	

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## REPORT OF LABORATORY ANALYSIS

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## QUALITY CONTROL DATA

Project: Genesis Convention Center

Pace Project No.: 50375189

LABORATORY CONTROL SAMPLE: 3639987

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,2,3-Trichlorobenzene	mg/kg	0.05	0.059	118	53-139	
1,2,3-Trichloropropane	mg/kg	0.05	0.063	127	70-124	L1
1,2,4-Trichlorobenzene	mg/kg	0.05	0.056	113	49-136	
1,2,4-Trimethylbenzene	mg/kg	0.05	0.054	108	60-122	
1,2-Dibromoethane (EDB)	mg/kg	0.05	0.058	115	71-126	
1,2-Dichlorobenzene	mg/kg	0.05	0.054	109	68-120	
1,2-Dichloroethane	mg/kg	0.05	0.059	118	67-129	
1,2-Dichloropropane	mg/kg	0.05	0.052	103	71-123	
1,3,5-Trimethylbenzene	mg/kg	0.05	0.055	110	62-118	
1,3-Dichlorobenzene	mg/kg	0.05	0.054	108	65-121	
1,3-Dichloropropane	mg/kg	0.05	0.050	100	73-127	
1,4-Dichlorobenzene	mg/kg	0.05	0.054	109	66-122	
2,2-Dichloropropane	mg/kg	0.05	0.060	119	63-137	
2-Butanone (MEK)	mg/kg	0.25	0.19	77	59-136	
2-Chlorotoluene	mg/kg	0.05	0.057	113	67-121	
2-Hexanone	mg/kg	0.25	0.19	77	62-127	
4-Chlorotoluene	mg/kg	0.05	0.054	108	66-122	
4-Methyl-2-pentanone (MIBK)	mg/kg	0.25	0.21	83	67-131	
Acetone	mg/kg	0.25	0.17	67	45-127	
Acrolein	mg/kg	1	0.80	80	42-158	
Acrylonitrile	mg/kg	0.25	0.24	95	69-127	
Benzene	mg/kg	0.05	0.053	106	69-125	
Bromobenzene	mg/kg	0.05	0.055	109	69-121	
Bromochloromethane	mg/kg	0.05	0.047	94	70-125	
Bromodichloromethane	mg/kg	0.05	0.063	127	77-130	
Bromoform	mg/kg	0.05	0.067	135	67-128	L1
Bromomethane	mg/kg	0.05	0.060	121	60-156	
Carbon disulfide	mg/kg	0.05	0.054	109	47-137	
Carbon tetrachloride	mg/kg	0.05	0.062	125	68-132	
Chlorobenzene	mg/kg	0.05	0.053	107	68-122	
Chloroethane	mg/kg	0.05	0.043	87	61-137	
Chloroform	mg/kg	0.05	0.058	117	71-124	
Chloromethane	mg/kg	0.05	0.032	65	56-131	
cis-1,2-Dichloroethene	mg/kg	0.05	0.055	110	70-123	
cis-1,3-Dichloropropene	mg/kg	0.05	0.056	111	72-136	
Dibromochloromethane	mg/kg	0.05	0.057	114	73-130	
Dibromomethane	mg/kg	0.05	0.060	119	74-123	
Dichlorodifluoromethane	mg/kg	0.05	0.032	63	23-127	
Ethyl methacrylate	mg/kg	0.05	.055J	109	70-131	
Ethylbenzene	mg/kg	0.05	0.055	110	65-124	
Hexachloro-1,3-butadiene	mg/kg	0.05	0.058	116	52-133	
Iodomethane	mg/kg	0.05	.074J	147	50-137	L1
Isopropylbenzene (Cumene)	mg/kg	0.05	0.053	106	65-126	
Methyl-tert-butyl ether	mg/kg	0.05	0.059	118	69-128	
Methylene Chloride	mg/kg	0.05	0.055	110	61-128	
n-Butylbenzene	mg/kg	0.05	0.053	106	62-127	
n-Hexane	mg/kg	0.05	0.040	79	55-123	

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**QUALITY CONTROL DATA**

Project: Genesis Convention Center

Pace Project No.: 50375189

LABORATORY CONTROL SAMPLE: 3639987

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
n-Propylbenzene	mg/kg	0.05	0.059	118	67-124	
Naphthalene	mg/kg	0.05	0.059	118	60-133	
p-Isopropyltoluene	mg/kg	0.05	0.055	109	64-124	
sec-Butylbenzene	mg/kg	0.05	0.054	108	68-124	
Styrene	mg/kg	0.05	0.057	115	68-124	
tert-Butylbenzene	mg/kg	0.05	0.053	106	69-122	
Tetrachloroethene	mg/kg	0.05	0.051	102	62-128	
Toluene	mg/kg	0.05	0.048	96	60-122	
trans-1,2-Dichloroethene	mg/kg	0.05	0.055	109	67-124	
trans-1,3-Dichloropropene	mg/kg	0.05	0.056	113	68-136	
trans-1,4-Dichloro-2-butene	mg/kg	0.05	.054J	109	64-134	
Trichloroethene	mg/kg	0.05	0.058	117	68-128	
Trichlorofluoromethane	mg/kg	0.05	0.059	118	57-146	
Vinyl acetate	mg/kg	0.2	0.23	113	56-181	
Vinyl chloride	mg/kg	0.05	0.041	82	52-142	
Xylene (Total)	mg/kg	0.15	0.17	111	62-122	
4-Bromofluorobenzene (S)	%			103	63-132	
Dibromofluoromethane (S)	%			108	75-135	
Toluene-d8 (S)	%			91	65-148	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3639988 3639989

Parameter	Units	MS		MSD		MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
		50374902015 Result	Spike Conc.	Spike Conc.	Conc.								
1,1,1,2-Tetrachloroethane	mg/kg	ND	0.062	0.041	0.059	0.035	94	84	22-160	52	20	R1	
1,1,1-Trichloroethane	mg/kg	ND	0.062	0.041	0.076	0.046	122	113	52-148	49	20	R1	
1,1,2,2-Tetrachloroethane	mg/kg	ND	0.062	0.041	0.075	0.048	120	116	24-166	45	20	R1	
1,1,2-Trichloroethane	mg/kg	ND	0.062	0.041	0.058	0.038	93	93	30-162	42	20	R1	
1,1-Dichloroethane	mg/kg	ND	0.062	0.041	0.063	0.039	101	94	49-138	47	20	R1	
1,1-Dichloroethene	mg/kg	ND	0.062	0.041	0.071	0.041	114	101	39-162	53	20	R1	
1,1-Dichloropropene	mg/kg	ND	0.062	0.041	0.071	0.041	114	99	47-149	54	20	R1	
1,2,3-Trichlorobenzene	mg/kg	ND	0.062	0.041	0.017	0.0083	27	20	10-123	68	20	R1	
1,2,3-Trichloropropane	mg/kg	ND	0.062	0.041	0.087	0.056	139	137	17-177	43	20	R1	
1,2,4-Trichlorobenzene	mg/kg	ND	0.062	0.041	0.016	0.0071	26	17	10-119	79	20	R1	
1,2,4-Trimethylbenzene	mg/kg	0.0043	0.062	0.041	0.062	0.034	92	73	12-157	57	20	R1	
1,2-Dibromoethane (EDB)	mg/kg	ND	0.062	0.041	0.062	0.039	100	95	36-141	46	20	R1	
1,2-Dichlorobenzene	mg/kg	ND	0.062	0.041	0.036	0.019	58	47	10-136	62	20	R1	
1,2-Dichloroethane	mg/kg	ND	0.062	0.041	0.069	0.042	110	102	48-138	49	20	R1	
1,2-Dichloropropane	mg/kg	ND	0.062	0.041	0.055	0.033	88	81	45-140	48	20	R1	
1,3,5-Trimethylbenzene	mg/kg	ND	0.062	0.041	0.072	0.041	113	96	11-170	54	20	R1	
1,3-Dichlorobenzene	mg/kg	ND	0.062	0.041	0.039	0.020	62	48	10-135	65	20	R1	
1,3-Dichloropropane	mg/kg	ND	0.062	0.041	0.058	0.036	92	88	33-153	46	20	R1	
1,4-Dichlorobenzene	mg/kg	ND	0.062	0.041	0.036	0.018	57	45	10-136	64	20	R1	
2,2-Dichloropropane	mg/kg	ND	0.062	0.041	0.075	0.046	120	111	41-151	49	20	R1	
2-Butanone (MEK)	mg/kg	ND	0.31	0.21	0.27	0.17	87	84	33-160	45	20	R1	

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**QUALITY CONTROL DATA**

Project: Genesis Convention Center  
 Pace Project No.: 50375189

MATRIX SPIKE & MATRIX SPIKE DUPLICATE:		3639988			3639989							
Parameter	Units	50374902015	MS	MSD	MS	MSD	MS	MSD	% Rec	Max		Qual
		Result	Spike Conc.	Spike Conc.	Result	Result	% Rec	% Rec	Limits	RPD	RPD	
2-Chlorotoluene	mg/kg	ND	0.062	0.041	0.061	0.034	98	82	10-174	57	20	R1
2-Hexanone	mg/kg	ND	0.31	0.21	0.26	0.16	84	79	18-155	47	20	R1
4-Chlorotoluene	mg/kg	ND	0.062	0.041	0.051	0.026	83	64	12-150	65	20	R1
4-Methyl-2-pentanone (MIBK)	mg/kg	ND	0.31	0.21	0.30	0.20	96	98	27-175	39	20	R1
Acetone	mg/kg	ND	0.31	0.21	0.23	0.14	72	66	18-159	47	20	R1
Acrolein	mg/kg	ND	1.3	0.82	0.51	0.19	41	23	10-155	92	20	R1
Acrylonitrile	mg/kg	ND	0.31	0.21	0.34	0.22	110	106	24-157	45	20	R1
Benzene	mg/kg	ND	0.062	0.041	0.063	0.037	101	90	48-137	52	20	R1
Bromobenzene	mg/kg	ND	0.062	0.041	0.035	0.020	56	48	10-136	56	20	R1
Bromochloromethane	mg/kg	ND	0.062	0.041	0.058	0.037	92	90	48-134	44	20	R1
Bromodichloromethane	mg/kg	ND	0.062	0.041	0.058	0.032	92	78	32-152	57	20	R1
Bromoform	mg/kg	ND	0.062	0.041	0.061	0.035	98	85	10-178	55	20	R1
Bromomethane	mg/kg	ND	0.062	0.041	0.073	0.044	117	107	31-164	49	20	R1
Carbon disulfide	mg/kg	ND	0.062	0.041	0.064	0.039	100	92	23-145	47	20	R1
Carbon tetrachloride	mg/kg	ND	0.062	0.041	0.069	0.041	111	100	43-148	51	20	R1
Chlorobenzene	mg/kg	ND	0.062	0.041	0.048	0.028	77	69	28-136	52	20	R1
Chloroethane	mg/kg	ND	0.062	0.041	0.059	0.033	94	80	34-160	56	20	R1
Chloroform	mg/kg	ND	0.062	0.041	0.070	0.043	112	103	54-136	49	20	R1
Chloromethane	mg/kg	ND	0.062	0.041	0.052	0.026	84	64	36-145	66	20	R1
cis-1,2-Dichloroethene	mg/kg	ND	0.062	0.041	0.065	0.041	105	100	52-132	46	20	R1
cis-1,3-Dichloropropene	mg/kg	ND	0.062	0.041	0.056	0.034	90	83	22-163	50	20	R1
Dibromochloromethane	mg/kg	ND	0.062	0.041	0.053	0.030	85	73	18-161	56	20	R1
Dibromomethane	mg/kg	ND	0.062	0.041	0.070	0.041	112	100	32-147	52	20	R1
Dichlorodifluoromethane	mg/kg	ND	0.062	0.041	0.039	0.025	63	60	10-138	46	20	R1
Ethyl methacrylate	mg/kg	ND	0.062	0.041	.064J	.04J	102	97	10-167		20	
Ethylbenzene	mg/kg	ND	0.062	0.041	0.055	0.031	89	75	24-150	56	20	R1
Hexachloro-1,3-butadiene	mg/kg	ND	0.062	0.041	0.052	0.023	83	57	10-154	76	20	R1
Iodomethane	mg/kg	ND	0.062	0.041	.072J	.039J	115	96	23-142		20	
Isopropylbenzene (Cumene)	mg/kg	ND	0.062	0.041	0.052	0.029	83	71	30-144	56	20	R1
Methyl-tert-butyl ether	mg/kg	0.060	0.062	0.041	0.16	0.11	165	130	57-141	36	20	M1,R1
Methylene Chloride	mg/kg	ND	0.062	0.041	0.067	0.053	96	112	40-140	23	20	R1
n-Butylbenzene	mg/kg	ND	0.062	0.041	0.049	0.022	78	54	10-156	75	20	R1
n-Hexane	mg/kg	ND	0.062	0.041	0.051	0.036	77	80	22-150	36	20	R1
n-Propylbenzene	mg/kg	ND	0.062	0.041	0.069	0.037	110	91	10-181	59	20	R1
Naphthalene	mg/kg	ND	0.062	0.041	0.027	0.013	43	33	10-132	65	20	R1
p-Isopropyltoluene	mg/kg	ND	0.062	0.041	0.067	0.035	107	85	10-171	63	20	R1
sec-Butylbenzene	mg/kg	ND	0.062	0.041	0.076	0.043	122	104	10-178	56	20	R1
Styrene	mg/kg	ND	0.062	0.041	0.041	0.022	66	53	12-138	61	20	R1
tert-Butylbenzene	mg/kg	ND	0.062	0.041	0.090	0.055	144	133	10-182	49	20	R1
Tetrachloroethene	mg/kg	ND	0.062	0.041	0.066	0.041	106	100	26-159	47	20	R1
Toluene	mg/kg	ND	0.062	0.041	0.058	0.037	92	89	28-150	44	20	R1
trans-1,2-Dichloroethene	mg/kg	ND	0.062	0.041	0.066	0.040	106	96	50-134	50	20	R1
trans-1,3-Dichloropropene	mg/kg	ND	0.062	0.041	0.055	0.033	88	80	17-153	49	20	R1
trans-1,4-Dichloro-2-butene	mg/kg	ND	0.062	0.041	.03J	.017J	48	41	10-146		20	

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### QUALITY CONTROL DATA

Project: Genesis Convention Center

Pace Project No.: 50375189

Parameter	Units	3639988		3639989		MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
		50374902015 Result	MS Spike Conc.	MSD Spike Conc.	MS Result								
Trichloroethene	mg/kg	ND	0.062	0.041	0.061	0.036	98	87	33-155	52	20	R1	
Trichlorofluoromethane	mg/kg	ND	0.062	0.041	0.071	0.041	114	101	37-163	53	20	R1	
Vinyl acetate	mg/kg	ND	0.25	0.16	0.25	0.17	100	101	10-183	41	20	R1	
Vinyl chloride	mg/kg	ND	0.062	0.041	0.059	0.031	95	74	37-161	64	20	R1	
Xylene (Total)	mg/kg	ND	0.18	0.13	0.15	0.091	82	74	25-142	51	20	RS	
4-Bromofluorobenzene (S)	%						88	85	63-132				
Dibromofluoromethane (S)	%						113	109	75-135				
Toluene-d8 (S)	%						110	115	65-148				

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QUALITY CONTROL DATA

Project: Genesis Convention Center

Pace Project No.: 50375189

QC Batch: 795544 Analysis Method: EPA 8260
QC Batch Method: EPA 8260 Analysis Description: 8260 MSV 5035A Volatile Organics
Laboratory: Pace Analytical Services - Indianapolis
Associated Lab Samples: 50375189023, 50375189024, 50375189025, 50375189026, 50375189027, 50375189028, 50375189029, 50375189030, 50375189031, 50375189032

METHOD BLANK: 3639991 Matrix: Solid
Associated Lab Samples: 50375189023, 50375189024, 50375189025, 50375189026, 50375189027, 50375189028, 50375189029, 50375189030, 50375189031, 50375189032

Table with 7 columns: Parameter, Units, Blank Result, Reporting Limit, MDL, Analyzed, Qualifiers. Lists various chemical compounds and their detection results.

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

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**QUALITY CONTROL DATA**

Project: Genesis Convention Center  
Pace Project No.: 50375189

METHOD BLANK: 3639991 Matrix: Solid  
Associated Lab Samples: 50375189023, 50375189024, 50375189025, 50375189026, 50375189027, 50375189028, 50375189029, 50375189030, 50375189031, 50375189032

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Chloromethane	mg/kg	ND	0.0050	0.00043	06/13/24 11:05	
cis-1,2-Dichloroethene	mg/kg	ND	0.0050	0.00034	06/13/24 11:05	
cis-1,3-Dichloropropene	mg/kg	ND	0.0050	0.00088	06/13/24 11:05	
Dibromochloromethane	mg/kg	ND	0.0050	0.00036	06/13/24 11:05	
Dibromomethane	mg/kg	ND	0.0050	0.0011	06/13/24 11:05	
Dichlorodifluoromethane	mg/kg	ND	0.0050	0.00037	06/13/24 11:05	
Ethyl methacrylate	mg/kg	ND	0.10	0.0030	06/13/24 11:05	
Ethylbenzene	mg/kg	ND	0.0050	0.00025	06/13/24 11:05	
Hexachloro-1,3-butadiene	mg/kg	ND	0.0050	0.00050	06/13/24 11:05	
Iodomethane	mg/kg	ND	0.10	0.0026	06/13/24 11:05	
Isopropylbenzene (Cumene)	mg/kg	ND	0.0050	0.00024	06/13/24 11:05	
Methyl-tert-butyl ether	mg/kg	ND	0.0050	0.00026	06/13/24 11:05	
Methylene Chloride	mg/kg	ND	0.020	0.012	06/13/24 11:05	
n-Butylbenzene	mg/kg	ND	0.0050	0.00038	06/13/24 11:05	
n-Hexane	mg/kg	ND	0.0050	0.00049	06/13/24 11:05	
n-Propylbenzene	mg/kg	ND	0.0050	0.00021	06/13/24 11:05	
Naphthalene	mg/kg	ND	0.0050	0.0019	06/13/24 11:05	
p-Isopropyltoluene	mg/kg	ND	0.0050	0.00031	06/13/24 11:05	
sec-Butylbenzene	mg/kg	ND	0.0050	0.00026	06/13/24 11:05	
Styrene	mg/kg	ND	0.0050	0.00024	06/13/24 11:05	
tert-Butylbenzene	mg/kg	ND	0.0050	0.00019	06/13/24 11:05	
Tetrachloroethene	mg/kg	ND	0.0050	0.00031	06/13/24 11:05	
Toluene	mg/kg	ND	0.0050	0.00046	06/13/24 11:05	
trans-1,2-Dichloroethene	mg/kg	ND	0.0050	0.00046	06/13/24 11:05	
trans-1,3-Dichloropropene	mg/kg	ND	0.0050	0.0011	06/13/24 11:05	
trans-1,4-Dichloro-2-butene	mg/kg	ND	0.10	0.0025	06/13/24 11:05	
Trichloroethene	mg/kg	ND	0.0050	0.00039	06/13/24 11:05	
Trichlorofluoromethane	mg/kg	ND	0.0050	0.00040	06/13/24 11:05	
Vinyl acetate	mg/kg	ND	0.10	0.0012	06/13/24 11:05	
Vinyl chloride	mg/kg	ND	0.0050	0.0011	06/13/24 11:05	
Xylene (Total)	mg/kg	ND	0.010	0.0022	06/13/24 11:05	
4-Bromofluorobenzene (S)	%	98	63-132		06/13/24 11:05	
Dibromofluoromethane (S)	%	110	75-135		06/13/24 11:05	
Toluene-d8 (S)	%	86	65-148		06/13/24 11:05	

LABORATORY CONTROL SAMPLE: 3639992

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1-Trichloroethane	mg/kg	0.05	0.056	112	67-134	
1,1,2,2-Tetrachloroethane	mg/kg	0.05	0.053	106	67-122	
1,1-Dichloroethene	mg/kg	0.05	0.053	106	57-140	
1,2,4-Trimethylbenzene	mg/kg	0.05	0.051	103	60-122	
1,2-Dibromoethane (EDB)	mg/kg	0.05	0.054	108	71-126	

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**QUALITY CONTROL DATA**

Project: Genesis Convention Center  
 Pace Project No.: 50375189

LABORATORY CONTROL SAMPLE: 3639992

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,2-Dichloroethane	mg/kg	0.05	0.056	112	67-129	
1,2-Dichloropropane	mg/kg	0.05	0.047	94	71-123	
Benzene	mg/kg	0.05	0.051	103	69-125	
Chlorobenzene	mg/kg	0.05	0.053	106	68-122	
Chloroform	mg/kg	0.05	0.056	111	71-124	
cis-1,2-Dichloroethene	mg/kg	0.05	0.055	111	70-123	
Ethylbenzene	mg/kg	0.05	0.055	111	65-124	
Isopropylbenzene (Cumene)	mg/kg	0.05	0.050	100	65-126	
Methyl-tert-butyl ether	mg/kg	0.05	0.056	112	69-128	
n-Hexane	mg/kg	0.05	0.036	72	55-123	
Naphthalene	mg/kg	0.05	0.052	104	60-133	
Tetrachloroethene	mg/kg	0.05	0.047	95	62-128	
Toluene	mg/kg	0.05	0.043	87	60-122	
trans-1,2-Dichloroethene	mg/kg	0.05	0.050	100	67-124	
Trichloroethene	mg/kg	0.05	0.053	107	68-128	
Vinyl chloride	mg/kg	0.05	0.039	78	52-142	
Xylene (Total)	mg/kg	0.15	0.16	104	62-122	
4-Bromofluorobenzene (S)	%			105	63-132	
Dibromofluoromethane (S)	%			109	75-135	
Toluene-d8 (S)	%			90	65-148	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3639993 3639994

Parameter	Units	MS		MSD		MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
		50375189023	Result	Spike Conc.	Spike Conc.								
1,1,1-Trichloroethane	mg/kg	ND	0.054	0.054	0.049	0.058	92	109	52-148	18	20		
1,1,2,2-Tetrachloroethane	mg/kg	ND	0.054	0.054	0.046	0.047	86	88	24-166	2	20		
1,1-Dichloroethene	mg/kg	ND	0.054	0.054	0.039	0.051	73	95	39-162	26	20	R1	
1,2,4-Trimethylbenzene	mg/kg	ND	0.054	0.054	0.034	0.044	64	82	12-157	26	20	R1	
1,2-Dibromoethane (EDB)	mg/kg	ND	0.054	0.054	0.051	0.056	96	104	36-141	9	20		
1,2-Dichloroethane	mg/kg	ND	0.054	0.054	0.054	0.057	102	107	48-138	5	20		
1,2-Dichloropropane	mg/kg	ND	0.054	0.054	0.043	0.048	81	90	45-140	11	20		
Benzene	mg/kg	ND	0.054	0.054	0.045	0.054	85	100	48-137	17	20		
Chlorobenzene	mg/kg	ND	0.054	0.054	0.040	0.047	76	88	28-136	16	20		
Chloroform	mg/kg	ND	0.054	0.054	0.050	0.059	94	111	54-136	17	20		
cis-1,2-Dichloroethene	mg/kg	ND	0.054	0.054	0.048	0.057	90	107	52-132	18	20		
Ethylbenzene	mg/kg	ND	0.054	0.054	0.038	0.048	72	90	24-150	23	20	R1	
Isopropylbenzene (Cumene)	mg/kg	ND	0.054	0.054	0.034	0.043	64	80	30-144	23	20	R1	
Methyl-tert-butyl ether	mg/kg	ND	0.054	0.054	0.058	0.060	109	112	57-141	4	20		
n-Hexane	mg/kg	ND	0.054	0.054	0.035	0.038	66	71	22-150	7	20		
Naphthalene	mg/kg	ND	0.054	0.054	0.038	0.045	72	84	10-132	15	20		
Tetrachloroethene	mg/kg	ND	0.054	0.054	0.040	0.049	76	91	26-159	19	20		
Toluene	mg/kg	ND	0.054	0.054	0.040	0.048	76	90	28-150	18	20		
trans-1,2-Dichloroethene	mg/kg	ND	0.054	0.054	0.041	0.051	77	95	50-134	22	20	R1	

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### QUALITY CONTROL DATA

Project: Genesis Convention Center

Pace Project No.: 50375189

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3639993 3639994												
Parameter	Units	50375189023		MS		MSD		MS		MSD		
		Result	Conc.	Spike	Conc.	Result	Result	% Rec	% Rec	Limits	RPD	
Trichloroethene	mg/kg	ND	0.054	0.054	0.044	0.055	83	102	33-155	21	20	R1
Vinyl chloride	mg/kg	ND	0.054	0.054	0.036	0.042	68	79	37-161	15	20	
Xylene (Total)	mg/kg	ND	0.16	0.16	0.12	0.14	74	88	25-142	18	20	
4-Bromofluorobenzene (S)	%						108	104	63-132			
Dibromofluoromethane (S)	%						108	104	75-135			
Toluene-d8 (S)	%						104	99	65-148			

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QUALITY CONTROL DATA

Project: Genesis Convention Center

Pace Project No.: 50375189

QC Batch: 795565 Analysis Method: EPA 8260
QC Batch Method: EPA 8260 Analysis Description: 8260 MSV 5035A Volatile Organics
Laboratory: Pace Analytical Services - Indianapolis
Associated Lab Samples: 50375189015, 50375189016, 50375189017, 50375189018, 50375189019, 50375189020, 50375189021, 50375189022

METHOD BLANK: 3640117 Matrix: Solid
Associated Lab Samples: 50375189015, 50375189016, 50375189017, 50375189018, 50375189019, 50375189020, 50375189021, 50375189022

Table with 7 columns: Parameter, Units, Blank Result, Reporting Limit, MDL, Analyzed, Qualifiers. Lists various chemical compounds and their detection results.

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**QUALITY CONTROL DATA**

Project: Genesis Convention Center

Pace Project No.: 50375189

METHOD BLANK: 3640117

Matrix: Solid

Associated Lab Samples: 50375189015, 50375189016, 50375189017, 50375189018, 50375189019, 50375189020, 50375189021, 50375189022

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Chloromethane	mg/kg	ND	0.0050	0.00073	06/13/24 09:30	
cis-1,2-Dichloroethene	mg/kg	ND	0.0050	0.00064	06/13/24 09:30	
cis-1,3-Dichloropropene	mg/kg	ND	0.0050	0.00062	06/13/24 09:30	
Dibromochloromethane	mg/kg	ND	0.0050	0.00062	06/13/24 09:30	
Dibromomethane	mg/kg	ND	0.0050	0.00067	06/13/24 09:30	
Dichlorodifluoromethane	mg/kg	ND	0.0050	0.0024	06/13/24 09:30	
Ethyl methacrylate	mg/kg	ND	0.10	0.00067	06/13/24 09:30	
Ethylbenzene	mg/kg	ND	0.0050	0.00065	06/13/24 09:30	
Hexachloro-1,3-butadiene	mg/kg	ND	0.0050	0.00058	06/13/24 09:30	
Iodomethane	mg/kg	ND	0.10	0.0031	06/13/24 09:30	
Isopropylbenzene (Cumene)	mg/kg	ND	0.0050	0.0016	06/13/24 09:30	
Methyl-tert-butyl ether	mg/kg	ND	0.0050	0.00061	06/13/24 09:30	
Methylene Chloride	mg/kg	ND	0.020	0.0080	06/13/24 09:30	
n-Butylbenzene	mg/kg	ND	0.0050	0.00055	06/13/24 09:30	
n-Hexane	mg/kg	ND	0.0050	0.0032	06/13/24 09:30	
n-Propylbenzene	mg/kg	ND	0.0050	0.00061	06/13/24 09:30	
Naphthalene	mg/kg	ND	0.0050	0.00071	06/13/24 09:30	
p-Isopropyltoluene	mg/kg	ND	0.0050	0.00059	06/13/24 09:30	
sec-Butylbenzene	mg/kg	ND	0.0050	0.00056	06/13/24 09:30	
Styrene	mg/kg	ND	0.0050	0.00066	06/13/24 09:30	
tert-Butylbenzene	mg/kg	ND	0.0050	0.00062	06/13/24 09:30	
Tetrachloroethene	mg/kg	ND	0.0050	0.00060	06/13/24 09:30	
Toluene	mg/kg	ND	0.0050	0.0013	06/13/24 09:30	
trans-1,2-Dichloroethene	mg/kg	ND	0.0050	0.00064	06/13/24 09:30	
trans-1,3-Dichloropropene	mg/kg	ND	0.0050	0.00067	06/13/24 09:30	
trans-1,4-Dichloro-2-butene	mg/kg	ND	0.10	0.0013	06/13/24 09:30	
Trichloroethene	mg/kg	ND	0.0050	0.00062	06/13/24 09:30	
Trichlorofluoromethane	mg/kg	ND	0.0050	0.0020	06/13/24 09:30	
Vinyl acetate	mg/kg	ND	0.10	0.0019	06/13/24 09:30	
Vinyl chloride	mg/kg	ND	0.0050	0.00079	06/13/24 09:30	
Xylene (Total)	mg/kg	ND	0.010	0.0018	06/13/24 09:30	
4-Bromofluorobenzene (S)	%	99	63-132		06/13/24 09:30	
Dibromofluoromethane (S)	%	102	75-135		06/13/24 09:30	1d
Toluene-d8 (S)	%	99	65-148		06/13/24 09:30	

LABORATORY CONTROL SAMPLE: 3640118

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1,2-Tetrachloroethane	mg/kg	0.05	0.047	94	70-129	
1,1,1-Trichloroethane	mg/kg	0.05	0.045	89	67-134	
1,1,2,2-Tetrachloroethane	mg/kg	0.05	0.043	87	67-122	
1,1,2-Trichloroethane	mg/kg	0.05	0.043	87	72-127	
1,1-Dichloroethane	mg/kg	0.05	0.043	86	72-121	

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## QUALITY CONTROL DATA

Project: Genesis Convention Center

Pace Project No.: 50375189

LABORATORY CONTROL SAMPLE: 3640118

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1-Dichloroethene	mg/kg	0.05	0.046	92	57-140	
1,1-Dichloropropene	mg/kg	0.05	0.048	95	76-133	
1,2,3-Trichlorobenzene	mg/kg	0.05	0.048	96	53-139	
1,2,3-Trichloropropane	mg/kg	0.05	0.042	85	70-124	
1,2,4-Trichlorobenzene	mg/kg	0.05	0.048	96	49-136	
1,2,4-Trimethylbenzene	mg/kg	0.05	0.046	91	60-122	
1,2-Dibromoethane (EDB)	mg/kg	0.05	0.044	88	71-126	
1,2-Dichlorobenzene	mg/kg	0.05	0.047	93	68-120	
1,2-Dichloroethane	mg/kg	0.05	0.043	86	67-129	
1,2-Dichloropropane	mg/kg	0.05	0.045	91	71-123	
1,3,5-Trimethylbenzene	mg/kg	0.05	0.045	90	62-118	
1,3-Dichlorobenzene	mg/kg	0.05	0.047	94	65-121	
1,3-Dichloropropane	mg/kg	0.05	0.043	86	73-127	
1,4-Dichlorobenzene	mg/kg	0.05	0.046	92	66-122	
2,2-Dichloropropane	mg/kg	0.05	0.043	86	63-137	
2-Butanone (MEK)	mg/kg	0.25	0.19	74	59-136	
2-Chlorotoluene	mg/kg	0.05	0.045	90	67-121	
2-Hexanone	mg/kg	0.25	0.13	53	62-127	L2
4-Chlorotoluene	mg/kg	0.05	0.048	97	66-122	
4-Methyl-2-pentanone (MIBK)	mg/kg	0.25	0.15	59	67-131	L2
Acetone	mg/kg	0.25	0.15	61	45-127	
Acrolein	mg/kg	1	0.83	83	42-158	
Acrylonitrile	mg/kg	0.25	0.20	82	69-127	
Benzene	mg/kg	0.05	0.044	87	69-125	
Bromobenzene	mg/kg	0.05	0.044	89	69-121	
Bromochloromethane	mg/kg	0.05	0.044	87	70-125	
Bromodichloromethane	mg/kg	0.05	0.046	92	77-130	
Bromoform	mg/kg	0.05	0.048	97	67-128	
Bromomethane	mg/kg	0.05	0.062	123	60-156	
Carbon disulfide	mg/kg	0.05	0.047	94	47-137	
Carbon tetrachloride	mg/kg	0.05	0.045	91	68-132	
Chlorobenzene	mg/kg	0.05	0.047	94	68-122	
Chloroethane	mg/kg	0.05	0.052	105	61-137	
Chloroform	mg/kg	0.05	0.045	91	71-124	
Chloromethane	mg/kg	0.05	0.048	96	56-131	
cis-1,2-Dichloroethene	mg/kg	0.05	0.045	91	70-123	
cis-1,3-Dichloropropene	mg/kg	0.05	0.044	87	72-136	
Dibromochloromethane	mg/kg	0.05	0.047	93	73-130	
Dibromomethane	mg/kg	0.05	0.046	92	74-123	
Dichlorodifluoromethane	mg/kg	0.05	0.048	95	23-127	
Ethyl methacrylate	mg/kg	0.05	.044J	87	70-131	
Ethylbenzene	mg/kg	0.05	0.046	93	65-124	
Hexachloro-1,3-butadiene	mg/kg	0.05	0.046	92	52-133	
Iodomethane	mg/kg	0.05	.053J	105	50-137	
Isopropylbenzene (Cumene)	mg/kg	0.05	0.041	82	65-126	
Methyl-tert-butyl ether	mg/kg	0.05	0.042	83	69-128	
Methylene Chloride	mg/kg	0.05	0.051	102	61-128	

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### QUALITY CONTROL DATA

Project: Genesis Convention Center

Pace Project No.: 50375189

LABORATORY CONTROL SAMPLE: 3640118

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
n-Butylbenzene	mg/kg	0.05	0.045	90	62-127	
n-Hexane	mg/kg	0.05	0.039	78	55-123	
n-Propylbenzene	mg/kg	0.05	0.047	93	67-124	
Naphthalene	mg/kg	0.05	0.040	80	60-133	
p-Isopropyltoluene	mg/kg	0.05	0.046	92	64-124	
sec-Butylbenzene	mg/kg	0.05	0.047	94	68-124	
Styrene	mg/kg	0.05	0.047	93	68-124	
tert-Butylbenzene	mg/kg	0.05	0.047	95	69-122	
Tetrachloroethene	mg/kg	0.05	0.046	92	62-128	
Toluene	mg/kg	0.05	0.043	86	60-122	
trans-1,2-Dichloroethene	mg/kg	0.05	0.044	89	67-124	
trans-1,3-Dichloropropene	mg/kg	0.05	0.042	84	68-136	
trans-1,4-Dichloro-2-butene	mg/kg	0.05	.039J	78	64-134	
Trichloroethene	mg/kg	0.05	0.045	90	68-128	
Trichlorofluoromethane	mg/kg	0.05	0.047	94	57-146	
Vinyl acetate	mg/kg	0.2	0.21	105	56-181	
Vinyl chloride	mg/kg	0.05	0.051	102	52-142	
Xylene (Total)	mg/kg	0.15	0.14	90	62-122	
4-Bromofluorobenzene (S)	%			96	63-132	
Dibromofluoromethane (S)	%			99	75-135	
Toluene-d8 (S)	%			96	65-148	

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### REPORT OF LABORATORY ANALYSIS

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## QUALITY CONTROL DATA

Project: Genesis Convention Center

Pace Project No.: 50375189

QC Batch: 795846

Analysis Method: EPA 8270 by SIM

QC Batch Method: EPA 3546

Analysis Description: 8270 Soil PAH by SIM

Laboratory: Pace Analytical Services - Indianapolis

Associated Lab Samples: 50375189001, 50375189002, 50375189003, 50375189004, 50375189005, 50375189006, 50375189007, 50375189008, 50375189009, 50375189010, 50375189011, 50375189012, 50375189013, 50375189014, 50375189015, 50375189016, 50375189017, 50375189018, 50375189033

METHOD BLANK: 3641550

Matrix: Solid

Associated Lab Samples: 50375189001, 50375189002, 50375189003, 50375189004, 50375189005, 50375189006, 50375189007, 50375189008, 50375189009, 50375189010, 50375189011, 50375189012, 50375189013, 50375189014, 50375189015, 50375189016, 50375189017, 50375189018, 50375189033

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
1-Methylnaphthalene	mg/kg	ND	0.0050	0.0020	06/17/24 16:43	
2-Methylnaphthalene	mg/kg	ND	0.0050	0.0047	06/17/24 16:43	
Acenaphthene	mg/kg	ND	0.0050	0.0020	06/17/24 16:43	
Acenaphthylene	mg/kg	ND	0.0050	0.0019	06/17/24 16:43	
Anthracene	mg/kg	ND	0.0050	0.0025	06/17/24 16:43	
Benzo(a)anthracene	mg/kg	ND	0.0050	0.0014	06/17/24 16:43	
Benzo(a)pyrene	mg/kg	ND	0.0050	0.0030	06/17/24 16:43	
Benzo(b)fluoranthene	mg/kg	ND	0.0050	0.0028	06/17/24 16:43	
Benzo(g,h,i)perylene	mg/kg	ND	0.0050	0.0030	06/17/24 16:43	
Benzo(k)fluoranthene	mg/kg	ND	0.0050	0.0023	06/17/24 16:43	
Chrysene	mg/kg	ND	0.0050	0.0034	06/17/24 16:43	
Dibenz(a,h)anthracene	mg/kg	ND	0.0050	0.0025	06/17/24 16:43	
Fluoranthene	mg/kg	ND	0.0050	0.0035	06/17/24 16:43	
Fluorene	mg/kg	ND	0.0050	0.0020	06/17/24 16:43	
Indeno(1,2,3-cd)pyrene	mg/kg	ND	0.0050	0.0025	06/17/24 16:43	
Naphthalene	mg/kg	ND	0.0050	0.0046	06/17/24 16:43	
Phenanthrene	mg/kg	ND	0.0050	0.0036	06/17/24 16:43	
Pyrene	mg/kg	ND	0.0050	0.0034	06/17/24 16:43	
2-Fluorobiphenyl (S)	%	55	16-93		06/17/24 16:43	
p-Terphenyl-d14 (S)	%	76	19-115		06/17/24 16:43	

LABORATORY CONTROL SAMPLE: 3641551

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1-Methylnaphthalene	mg/kg	0.67	0.53	79	49-116	
2-Methylnaphthalene	mg/kg	0.67	0.46	69	48-116	
Acenaphthene	mg/kg	0.67	0.49	74	48-118	
Acenaphthylene	mg/kg	0.67	0.51	76	50-123	
Anthracene	mg/kg	0.67	0.50	75	45-123	
Benzo(a)anthracene	mg/kg	0.67	0.50	76	52-131	
Benzo(a)pyrene	mg/kg	0.67	0.56	84	56-135	
Benzo(b)fluoranthene	mg/kg	0.67	0.58	87	52-139	
Benzo(g,h,i)perylene	mg/kg	0.67	0.52	79	49-132	
Benzo(k)fluoranthene	mg/kg	0.67	0.57	86	55-134	
Chrysene	mg/kg	0.67	0.57	85	52-127	

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**QUALITY CONTROL DATA**

Project: Genesis Convention Center  
 Pace Project No.: 50375189

LABORATORY CONTROL SAMPLE: 3641551

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Dibenz(a,h)anthracene	mg/kg	0.67	0.54	81	51-137	
Fluoranthene	mg/kg	0.67	0.54	82	53-136	
Fluorene	mg/kg	0.67	0.51	76	52-124	
Indeno(1,2,3-cd)pyrene	mg/kg	0.67	0.54	81	49-139	
Naphthalene	mg/kg	0.67	0.48	73	45-110	
Phenanthrene	mg/kg	0.67	0.53	79	52-124	
Pyrene	mg/kg	0.67	0.59	88	53-129	
2-Fluorobiphenyl (S)	%			69	16-93	
p-Terphenyl-d14 (S)	%			82	19-115	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3641552 3641553

Parameter	Units	MS 50375189009		MSD 3641552		MS 3641553		MSD 3641553		% Rec Limits	Max RPD	Qual
		Result	Spike Conc.	Spike Conc.	Result	Result	% Rec	% Rec				
1-Methylnaphthalene	mg/kg	ND	0.67	0.67	0.51	0.52	76	78	20-133	2	20	
2-Methylnaphthalene	mg/kg	ND	0.67	0.67	0.45	0.46	67	69	16-136	2	20	
Acenaphthene	mg/kg	ND	0.67	0.67	0.49	0.54	72	80	30-119	10	20	
Acenaphthylene	mg/kg	ND	0.67	0.67	0.50	0.53	75	79	34-117	5	20	
Anthracene	mg/kg	0.015	0.67	0.67	0.48	0.69	69	101	16-129	36	20	R1
Benzo(a)anthracene	mg/kg	0.12	0.67	0.67	0.54	1.8	62	246	20-136	107	20	M1,R1
Benzo(a)pyrene	mg/kg	0.14	0.67	0.67	0.60	1.7	68	230	20-142	95	20	M1,R1
Benzo(b)fluoranthene	mg/kg	0.18	0.67	0.67	0.60	2.0	63	267	17-141	107	20	M1,R1
Benzo(g,h,i)perylene	mg/kg	0.096	0.67	0.67	0.54	1.1	66	157	14-130	72	20	M1,R1
Benzo(k)fluoranthene	mg/kg	0.067	0.67	0.67	0.60	1.2	79	163	19-142	64	20	M1,R1
Chrysene	mg/kg	0.13	0.67	0.67	0.58	1.8	67	248	22-131	103	20	M1,R1
Dibenz(a,h)anthracene	mg/kg	0.027	0.67	0.67	0.52	0.72	73	103	27-124	33	20	R1
Fluoranthene	mg/kg	0.21	0.67	0.67	0.62	3.2	61	444	12-155	135	20	M1,R1
Fluorene	mg/kg	ND	0.67	0.67	0.50	0.55	74	81	25-135	9	20	
Indeno(1,2,3-cd)pyrene	mg/kg	0.081	0.67	0.67	0.54	1.1	69	150	18-133	67	20	M1,R1
Naphthalene	mg/kg	ND	0.67	0.67	0.47	0.48	69	71	11-130	2	20	
Phenanthrene	mg/kg	0.054	0.67	0.67	0.53	0.90	71	127	11-147	52	20	R1
Pyrene	mg/kg	0.23	0.67	0.67	0.67	3.1	66	425	11-154	128	20	M1,R1
2-Fluorobiphenyl (S)	%						67	68	16-93			
p-Terphenyl-d14 (S)	%						76	82	19-115			

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## QUALITY CONTROL DATA

Project: Genesis Convention Center

Pace Project No.: 50375189

QC Batch: 795883

Analysis Method: EPA 8270 by SIM

QC Batch Method: EPA 3546

Analysis Description: 8270 Soil PAH by SIM

Laboratory: Pace Analytical Services - Indianapolis

Associated Lab Samples: 50375189019, 50375189020, 50375189021, 50375189022, 50375189023, 50375189024, 50375189025, 50375189026, 50375189027, 50375189028, 50375189029, 50375189030, 50375189031, 50375189032, 50375189034

METHOD BLANK: 3641820

Matrix: Solid

Associated Lab Samples: 50375189019, 50375189020, 50375189021, 50375189022, 50375189023, 50375189024, 50375189025, 50375189026, 50375189027, 50375189028, 50375189029, 50375189030, 50375189031, 50375189032, 50375189034

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
1-Methylnaphthalene	mg/kg	ND	0.0050	0.0020	06/17/24 19:09	
2-Methylnaphthalene	mg/kg	ND	0.0050	0.0047	06/17/24 19:09	
Acenaphthene	mg/kg	ND	0.0050	0.0020	06/17/24 19:09	
Acenaphthylene	mg/kg	ND	0.0050	0.0019	06/17/24 19:09	
Anthracene	mg/kg	ND	0.0050	0.0025	06/17/24 19:09	
Benzo(a)anthracene	mg/kg	ND	0.0050	0.0014	06/17/24 19:09	
Benzo(a)pyrene	mg/kg	ND	0.0050	0.0030	06/17/24 19:09	
Benzo(b)fluoranthene	mg/kg	ND	0.0050	0.0028	06/17/24 19:09	
Benzo(g,h,i)perylene	mg/kg	ND	0.0050	0.0030	06/17/24 19:09	
Benzo(k)fluoranthene	mg/kg	ND	0.0050	0.0023	06/17/24 19:09	
Chrysene	mg/kg	ND	0.0050	0.0034	06/17/24 19:09	
Dibenz(a,h)anthracene	mg/kg	ND	0.0050	0.0025	06/17/24 19:09	
Fluoranthene	mg/kg	ND	0.0050	0.0035	06/17/24 19:09	
Fluorene	mg/kg	ND	0.0050	0.0020	06/17/24 19:09	
Indeno(1,2,3-cd)pyrene	mg/kg	ND	0.0050	0.0025	06/17/24 19:09	
Naphthalene	mg/kg	ND	0.0050	0.0046	06/17/24 19:09	
Phenanthrene	mg/kg	ND	0.0050	0.0036	06/17/24 19:09	
Pyrene	mg/kg	ND	0.0050	0.0034	06/17/24 19:09	
2-Fluorobiphenyl (S)	%	57	16-93		06/17/24 19:09	
p-Terphenyl-d14 (S)	%	69	19-115		06/17/24 19:09	

LABORATORY CONTROL SAMPLE: 3641821

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1-Methylnaphthalene	mg/kg	0.67	0.38	56	49-116	
2-Methylnaphthalene	mg/kg	0.67	0.34	51	48-116	
Acenaphthene	mg/kg	0.67	0.38	57	48-118	
Acenaphthylene	mg/kg	0.67	0.44	67	50-123	
Anthracene	mg/kg	0.67	0.38	57	45-123	
Benzo(a)anthracene	mg/kg	0.67	0.40	60	52-131	
Benzo(a)pyrene	mg/kg	0.67	0.44	66	56-135	
Benzo(b)fluoranthene	mg/kg	0.67	0.41	62	52-139	
Benzo(g,h,i)perylene	mg/kg	0.67	0.38	57	49-132	
Benzo(k)fluoranthene	mg/kg	0.67	0.45	67	55-134	
Chrysene	mg/kg	0.67	0.39	59	52-127	

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**QUALITY CONTROL DATA**

Project: Genesis Convention Center  
Pace Project No.: 50375189

LABORATORY CONTROL SAMPLE: 3641821

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Dibenz(a,h)anthracene	mg/kg	0.67	0.41	62	51-137	
Fluoranthene	mg/kg	0.67	0.42	64	53-136	
Fluorene	mg/kg	0.67	0.40	59	52-124	
Indeno(1,2,3-cd)pyrene	mg/kg	0.67	0.40	60	49-139	
Naphthalene	mg/kg	0.67	0.39	59	45-110	
Phenanthrene	mg/kg	0.67	0.41	61	52-124	
Pyrene	mg/kg	0.67	0.45	67	53-129	
2-Fluorobiphenyl (S)	%			59	16-93	
p-Terphenyl-d14 (S)	%			70	19-115	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3641822 3641823

Parameter	Units	50375189023		3641822		3641823		% Rec	% Rec	% Rec Limits	RPD	Max RPD	Qual
		Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec						
1-Methylnaphthalene	mg/kg	0.11	0.68	0.68	0.43	0.56	46	66	20-133	27	20	R1	
2-Methylnaphthalene	mg/kg	0.15	0.68	0.68	0.47	0.58	47	63	16-136	20	20		
Acenaphthene	mg/kg	1.3	0.68	0.68	1.5	2.5	19	174	30-119	52	20	M1,R1	
Acenaphthylene	mg/kg	0.24	0.68	0.68	0.47	0.64	33	58	34-117	30	20	M1,R1	
Anthracene	mg/kg	4.3	0.68	0.68	2.3	4.8	-297	74	16-129	72	20	M1,R1	
Benzo(a)anthracene	mg/kg	14.7	0.68	0.68	6.1	8.8	-1260	-873	20-136	37	20	M1,R1	
Benzo(a)pyrene	mg/kg	14.0	0.68	0.68	5.9	8.2	-1180	-863	20-142	32	20	M1,R1	
Benzo(b)fluoranthene	mg/kg	17.4	0.68	0.68	8.0	10.2	-1370	-1060	17-141	24	20	M1,R1	
Benzo(g,h,i)perylene	mg/kg	7.5	0.68	0.68	3.3	4.4	-617	-467	14-130	28	20	M1,R1	
Benzo(k)fluoranthene	mg/kg	7.0	0.68	0.68	2.5	3.7	-657	-481	19-142	40	20	M1,R1	
Chrysene	mg/kg	13.4	0.68	0.68	5.8	7.8	-1100	-822	22-131	29	20	M1,R1	
Dibenz(a,h)anthracene	mg/kg	2.3	0.68	0.68	1.2	1.6	-163	-108	27-124	27	20	M1,R1	
Fluoranthene	mg/kg	28.2	0.68	0.68	13.7	20.2	-2110	-1180	12-155	38	20	M1,R1	
Fluorene	mg/kg	1.8	0.68	0.68	1.5	3.1	-33	204	25-135	69	20	M1,R1	
Indeno(1,2,3-cd)pyrene	mg/kg	7.4	0.68	0.68	3.2	4.4	-610	-454	18-133	29	20	M1,R1	
Naphthalene	mg/kg	0.25	0.68	0.68	0.72	0.70	67	66	11-130	2	20	ED	
Phenanthrene	mg/kg	14.1	0.68	0.68	8.6	16.4	-809	339	11-147	63	20	M1,R1	
Pyrene	mg/kg	25.3	0.68	0.68	11.6	16.7	-1990	-1270	11-154	36	20	M1,R1	
2-Fluorobiphenyl (S)	%						40	53	16-93				
p-Terphenyl-d14 (S)	%						49	64	19-115				

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3641824 3641825

Parameter	Units	50375566003		3641824		3641825		% Rec	% Rec	% Rec Limits	RPD	Max RPD	Qual
		Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec						
1-Methylnaphthalene	mg/kg	ND	0.74	0.76	0.47	0.49	62	64	20-133	5	20		
2-Methylnaphthalene	mg/kg	ND	0.74	0.76	0.42	0.43	56	57	16-136	4	20		
Acenaphthene	mg/kg	ND	0.74	0.76	0.48	0.49	64	64	30-119	1	20		
Acenaphthylene	mg/kg	ND	0.74	0.76	0.57	0.57	76	75	34-117	1	20		
Anthracene	mg/kg	ND	0.74	0.76	0.45	0.46	61	60	16-129	0	20		

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**QUALITY CONTROL DATA**

Project: Genesis Convention Center

Pace Project No.: 50375189

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3641824 3641825													
Parameter	Units	50375566003		MS		MSD		3641825		% Rec Limits	RPD	Max RPD	Qual
		Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec					
Benzo(a)anthracene	mg/kg	ND	0.74	0.76	0.43	0.44	58	57	20-136	1	20		
Benzo(a)pyrene	mg/kg	ND	0.74	0.76	0.47	0.48	63	63	20-142	1	20		
Benzo(b)fluoranthene	mg/kg	ND	0.74	0.76	0.41	0.40	55	53	17-141	3	20		
Benzo(g,h,i)perylene	mg/kg	ND	0.74	0.76	0.40	0.41	53	54	14-130	3	20		
Benzo(k)fluoranthene	mg/kg	ND	0.74	0.76	0.49	0.50	66	66	19-142	2	20		
Chrysene	mg/kg	ND	0.74	0.76	0.45	0.46	61	61	22-131	2	20		
Dibenz(a,h)anthracene	mg/kg	ND	0.74	0.76	0.47	0.48	63	63	27-124	2	20		
Fluoranthene	mg/kg	ND	0.74	0.76	0.47	0.47	64	61	12-155	1	20		
Fluorene	mg/kg	ND	0.74	0.76	0.49	0.50	66	65	25-135	1	20		
Indeno(1,2,3-cd)pyrene	mg/kg	ND	0.74	0.76	0.41	0.42	55	55	18-133	2	20		
Naphthalene	mg/kg	ND	0.74	0.76	0.49	0.50	65	66	11-130	2	20		
Phenanthrene	mg/kg	ND	0.74	0.76	0.49	0.49	65	65	11-147	1	20		
Pyrene	mg/kg	ND	0.74	0.76	0.51	0.52	68	68	11-154	2	20		
2-Fluorobiphenyl (S)	%						65	75	16-93				
p-Terphenyl-d14 (S)	%						70	88	19-115				

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

**REPORT OF LABORATORY ANALYSIS**

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### QUALITY CONTROL DATA

Project: Genesis Convention Center

Pace Project No.: 50375189

QC Batch: 796210

Analysis Method: SM 2540G

QC Batch Method: SM 2540G

Analysis Description: Dry Weight/Percent Moisture

Laboratory: Pace Analytical Services - Indianapolis

Associated Lab Samples: 50375189001, 50375189002, 50375189003, 50375189004, 50375189005, 50375189006, 50375189007, 50375189008, 50375189009, 50375189010, 50375189011, 50375189012

SAMPLE DUPLICATE: 3643286

Parameter	Units	50375189009 Result	Dup Result	RPD	Max RPD	Qualifiers
Percent Moisture	%	3.2	3.2	1	10	N2

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

### REPORT OF LABORATORY ANALYSIS

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### QUALITY CONTROL DATA

Project: Genesis Convention Center

Pace Project No.: 50375189

QC Batch: 796211

Analysis Method: SM 2540G

QC Batch Method: SM 2540G

Analysis Description: Dry Weight/Percent Moisture

Laboratory: Pace Analytical Services - Indianapolis

Associated Lab Samples: 50375189013, 50375189014, 50375189015, 50375189016, 50375189017, 50375189018, 50375189019, 50375189020, 50375189021, 50375189022, 50375189023, 50375189024, 50375189025, 50375189026, 50375189027, 50375189028, 50375189029, 50375189030, 50375189031, 50375189032

SAMPLE DUPLICATE: 3643287

Parameter	Units	50375189023 Result	Dup Result	RPD	Max RPD	Qualifiers
Percent Moisture	%	4.9	5.9	18	10	N2,R1

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

### REPORT OF LABORATORY ANALYSIS

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### QUALITY CONTROL DATA

Project: Genesis Convention Center

Pace Project No.: 50375189

QC Batch: 796213

Analysis Method: SM 2540G

QC Batch Method: SM 2540G

Analysis Description: Dry Weight/Percent Moisture

Laboratory: Pace Analytical Services - Indianapolis

Associated Lab Samples: 50375189033, 50375189034

SAMPLE DUPLICATE: 3643316

Parameter	Units	50375189033 Result	Dup Result	RPD	Max RPD	Qualifiers
Percent Moisture	%	10.4	11.8	13	10	N2,R1

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

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## QUALIFIERS

Project: Genesis Convention Center

Pace Project No.: 50375189

### DEFINITIONS

DF - Dilution Factor, if reported, represents the factor applied to the reported data due to dilution of the sample aliquot.

ND - Not Detected at or above adjusted reporting limit.

TNTC - Too Numerous To Count

J - Estimated concentration above the adjusted method detection limit and below the adjusted reporting limit.

MDL - Adjusted Method Detection Limit.

PQL - Practical Quantitation Limit.

RL - Reporting Limit - The lowest concentration value that meets project requirements for quantitative data with known precision and bias for a specific analyte in a specific matrix.

S - Surrogate

1,2-Diphenylhydrazine decomposes to and cannot be separated from Azobenzene using Method 8270. The result for each analyte is a combined concentration.

Consistent with EPA guidelines, unrounded data are displayed and have been used to calculate % recovery and RPD values.

LCS(D) - Laboratory Control Sample (Duplicate)

MS(D) - Matrix Spike (Duplicate)

DUP - Sample Duplicate

RPD - Relative Percent Difference

NC - Not Calculable.

SG - Silica Gel - Clean-Up

U - Indicates the compound was analyzed for, but not detected.

N-Nitrosodiphenylamine decomposes and cannot be separated from Diphenylamine using Method 8270. The result reported for each analyte is a combined concentration.

Reported results are not rounded until the final step prior to reporting. Therefore, calculated parameters that are typically reported as "Total" may vary slightly from the sum of the reported component parameters.

Pace Analytical is TNI accredited. Contact your Pace PM for the current list of accredited analytes.

TNI - The NELAC Institute.

### ANALYTE QUALIFIERS

1d	Neither matrix spike nor matrix precision data could be provided for this analytical batch due to insufficient sample volume.
ED	Due to the extract's physical characteristics, the analysis was performed at dilution.
L1	Analyte recovery in the laboratory control sample (LCS) was above QC limits. Results for this analyte in associated samples may be biased high.
L2	Analyte recovery in the laboratory control sample (LCS) was below QC limits. Results for this analyte in associated samples may be biased low.
M1	Matrix spike recovery exceeded QC limits. Batch accepted based on laboratory control sample (LCS) recovery.
N2	The lab does not hold NELAC/TNI accreditation for this parameter but other accreditations/certifications may apply. A complete list of accreditations/certifications is available upon request.
R1	RPD value was outside control limits.
RS	The RPD value in one of the constituent analytes was outside the control limits.
S5	Surrogate recovery outside control limits due to matrix interferences (not confirmed by re-analysis).

## REPORT OF LABORATORY ANALYSIS

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without the written consent of Pace Analytical Services, LLC.



### QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: Genesis Convention Center

Pace Project No.: 50375189

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
50375189001	SB-1 (1-3)	EPA 3050	795457	EPA 6010	796222
50375189002	SB-1 (12-14)	EPA 3050	795457	EPA 6010	796222
50375189003	SB-2 (1-3)	EPA 3050	795457	EPA 6010	796222
50375189004	SB-2 (12-14)	EPA 3050	795457	EPA 6010	796222
50375189005	SB-3 (1-3)	EPA 3050	795457	EPA 6010	796222
50375189006	SB-3 (12-14)	EPA 3050	795457	EPA 6010	796222
50375189007	SB-4 (1-3)	EPA 3050	795457	EPA 6010	796222
50375189008	SB-4 (12-14)	EPA 3050	795457	EPA 6010	796222
50375189009	SB-5 (1-3)	EPA 3050	795457	EPA 6010	796222
50375189010	SB-5 (12-14)	EPA 3050	795457	EPA 6010	796222
50375189011	SB-6 (1-3)	EPA 3050	795457	EPA 6010	796222
50375189012	SB-6 (12-14)	EPA 3050	795457	EPA 6010	796222
50375189013	SB-7 (1-3)	EPA 3050	795457	EPA 6010	796222
50375189014	SB-7 (12-14)	EPA 3050	795457	EPA 6010	796222
50375189015	SB-8 (1-3)	EPA 3050	795457	EPA 6010	796222
50375189016	SB-8 (12-14)	EPA 3050	795457	EPA 6010	796222
50375189017	SB-9 (1-3)	EPA 3050	795457	EPA 6010	796222
50375189018	SB-9 (11-13)	EPA 3050	795457	EPA 6010	796222
50375189019	SB-10 (1-3)	EPA 3050	795457	EPA 6010	796222
50375189020	SB-10 (11-13)	EPA 3050	795457	EPA 6010	796222
50375189021	SB-11 (1-3)	EPA 3050	795459	EPA 6010	796184
50375189022	SB-11 (11-13)	EPA 3050	795459	EPA 6010	796184
50375189023	SB-12 (1-3)	EPA 3050	795459	EPA 6010	796184
50375189024	SB-12 (11-13)	EPA 3050	795459	EPA 6010	796184
50375189025	SB-13 (1-3)	EPA 3050	795459	EPA 6010	796184
50375189026	SB-13 (11-13)	EPA 3050	795459	EPA 6010	796184
50375189027	SB-14 (1-3)	EPA 3050	795459	EPA 6010	796184
50375189028	SB-14 (11-13)	EPA 3050	795459	EPA 6010	796184
50375189029	SB-15 (1-3)	EPA 3050	795459	EPA 6010	796184
50375189030	SB-15 (13-15)	EPA 3050	795459	EPA 6010	796184
50375189031	SB-16 (1-3)	EPA 3050	795459	EPA 6010	796184
50375189032	SB-16 (11-13)	EPA 3050	795459	EPA 6010	796184
50375189033	FD-1	EPA 3050	795459	EPA 6010	796184
50375189034	FD-2	EPA 3050	795459	EPA 6010	796184
50375189001	SB-1 (1-3)	EPA 3546	795846	EPA 8270 by SIM	796380
50375189002	SB-1 (12-14)	EPA 3546	795846	EPA 8270 by SIM	796380
50375189003	SB-2 (1-3)	EPA 3546	795846	EPA 8270 by SIM	796380
50375189004	SB-2 (12-14)	EPA 3546	795846	EPA 8270 by SIM	796380
50375189005	SB-3 (1-3)	EPA 3546	795846	EPA 8270 by SIM	796380
50375189006	SB-3 (12-14)	EPA 3546	795846	EPA 8270 by SIM	796380
50375189007	SB-4 (1-3)	EPA 3546	795846	EPA 8270 by SIM	796380
50375189008	SB-4 (12-14)	EPA 3546	795846	EPA 8270 by SIM	796380
50375189009	SB-5 (1-3)	EPA 3546	795846	EPA 8270 by SIM	796380
50375189010	SB-5 (12-14)	EPA 3546	795846	EPA 8270 by SIM	796380
50375189011	SB-6 (1-3)	EPA 3546	795846	EPA 8270 by SIM	796380
50375189012	SB-6 (12-14)	EPA 3546	795846	EPA 8270 by SIM	796380
50375189013	SB-7 (1-3)	EPA 3546	795846	EPA 8270 by SIM	796380
50375189014	SB-7 (12-14)	EPA 3546	795846	EPA 8270 by SIM	796380

### REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: Genesis Convention Center

Pace Project No.: 50375189

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
50375189015	SB-8 (1-3)	EPA 3546	795846	EPA 8270 by SIM	796380
50375189016	SB-8 (12-14)	EPA 3546	795846	EPA 8270 by SIM	796380
50375189017	SB-9 (1-3)	EPA 3546	795846	EPA 8270 by SIM	796380
50375189018	SB-9 (11-13)	EPA 3546	795846	EPA 8270 by SIM	796380
50375189019	SB-10 (1-3)	EPA 3546	795883	EPA 8270 by SIM	796381
50375189020	SB-10 (11-13)	EPA 3546	795883	EPA 8270 by SIM	796381
50375189021	SB-11 (1-3)	EPA 3546	795883	EPA 8270 by SIM	796381
50375189022	SB-11 (11-13)	EPA 3546	795883	EPA 8270 by SIM	796381
50375189023	SB-12 (1-3)	EPA 3546	795883	EPA 8270 by SIM	796381
50375189024	SB-12 (11-13)	EPA 3546	795883	EPA 8270 by SIM	796381
50375189025	SB-13 (1-3)	EPA 3546	795883	EPA 8270 by SIM	796381
50375189026	SB-13 (11-13)	EPA 3546	795883	EPA 8270 by SIM	796381
50375189027	SB-14 (1-3)	EPA 3546	795883	EPA 8270 by SIM	796381
50375189028	SB-14 (11-13)	EPA 3546	795883	EPA 8270 by SIM	796381
50375189029	SB-15 (1-3)	EPA 3546	795883	EPA 8270 by SIM	796381
50375189030	SB-15 (13-15)	EPA 3546	795883	EPA 8270 by SIM	796381
50375189031	SB-16 (1-3)	EPA 3546	795883	EPA 8270 by SIM	796381
50375189032	SB-16 (11-13)	EPA 3546	795883	EPA 8270 by SIM	796381
50375189033	FD-1	EPA 3546	795846	EPA 8270 by SIM	796380
50375189034	FD-2	EPA 3546	795883	EPA 8270 by SIM	796381
50375189001	SB-1 (1-3)	EPA 8260	795541		
50375189002	SB-1 (12-14)	EPA 8260	795541		
50375189003	SB-2 (1-3)	EPA 8260	795541		
50375189004	SB-2 (12-14)	EPA 8260	795541		
50375189005	SB-3 (1-3)	EPA 8260	795541		
50375189006	SB-3 (12-14)	EPA 8260	795541		
50375189007	SB-4 (1-3)	EPA 8260	795541		
50375189008	SB-4 (12-14)	EPA 8260	795541		
50375189009	SB-5 (1-3)	EPA 8260	795541		
50375189010	SB-5 (12-14)	EPA 8260	795541		
50375189011	SB-6 (1-3)	EPA 8260	795541		
50375189012	SB-6 (12-14)	EPA 8260	795541		
50375189013	SB-7 (1-3)	EPA 8260	795541		
50375189014	SB-7 (12-14)	EPA 8260	795541		
50375189015	SB-8 (1-3)	EPA 8260	795565		
50375189016	SB-8 (12-14)	EPA 8260	795565		
50375189017	SB-9 (1-3)	EPA 8260	795565		
50375189018	SB-9 (11-13)	EPA 8260	795565		
50375189019	SB-10 (1-3)	EPA 8260	795565		
50375189020	SB-10 (11-13)	EPA 8260	795565		
50375189021	SB-11 (1-3)	EPA 8260	795565		
50375189022	SB-11 (11-13)	EPA 8260	795565		
50375189023	SB-12 (1-3)	EPA 8260	795544		
50375189024	SB-12 (11-13)	EPA 8260	795544		
50375189025	SB-13 (1-3)	EPA 8260	795544		
50375189026	SB-13 (11-13)	EPA 8260	795544		

REPORT OF LABORATORY ANALYSIS

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### QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: Genesis Convention Center

Pace Project No.: 50375189

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
50375189027	SB-14 (1-3)	EPA 8260	795544		
50375189028	SB-14 (11-13)	EPA 8260	795544		
50375189029	SB-15 (1-3)	EPA 8260	795544		
50375189030	SB-15 (13-15)	EPA 8260	795544		
50375189031	SB-16 (1-3)	EPA 8260	795544		
50375189032	SB-16 (11-13)	EPA 8260	795544		
50375189033	FD-1	EPA 8260	795543		
50375189034	FD-2	EPA 8260	795543		
50375189001	SB-1 (1-3)	SM 2540G	796210		
50375189002	SB-1 (12-14)	SM 2540G	796210		
50375189003	SB-2 (1-3)	SM 2540G	796210		
50375189004	SB-2 (12-14)	SM 2540G	796210		
50375189005	SB-3 (1-3)	SM 2540G	796210		
50375189006	SB-3 (12-14)	SM 2540G	796210		
50375189007	SB-4 (1-3)	SM 2540G	796210		
50375189008	SB-4 (12-14)	SM 2540G	796210		
50375189009	SB-5 (1-3)	SM 2540G	796210		
50375189010	SB-5 (12-14)	SM 2540G	796210		
50375189011	SB-6 (1-3)	SM 2540G	796210		
50375189012	SB-6 (12-14)	SM 2540G	796210		
50375189013	SB-7 (1-3)	SM 2540G	796211		
50375189014	SB-7 (12-14)	SM 2540G	796211		
50375189015	SB-8 (1-3)	SM 2540G	796211		
50375189016	SB-8 (12-14)	SM 2540G	796211		
50375189017	SB-9 (1-3)	SM 2540G	796211		
50375189018	SB-9 (11-13)	SM 2540G	796211		
50375189019	SB-10 (1-3)	SM 2540G	796211		
50375189020	SB-10 (11-13)	SM 2540G	796211		
50375189021	SB-11 (1-3)	SM 2540G	796211		
50375189022	SB-11 (11-13)	SM 2540G	796211		
50375189023	SB-12 (1-3)	SM 2540G	796211		
50375189024	SB-12 (11-13)	SM 2540G	796211		
50375189025	SB-13 (1-3)	SM 2540G	796211		
50375189026	SB-13 (11-13)	SM 2540G	796211		
50375189027	SB-14 (1-3)	SM 2540G	796211		
50375189028	SB-14 (11-13)	SM 2540G	796211		
50375189029	SB-15 (1-3)	SM 2540G	796211		
50375189030	SB-15 (13-15)	SM 2540G	796211		
50375189031	SB-16 (1-3)	SM 2540G	796211		
50375189032	SB-16 (11-13)	SM 2540G	796211		
50375189033	FD-1	SM 2540G	796213		
50375189034	FD-2	SM 2540G	796213		

### REPORT OF LABORATORY ANALYSIS

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**CHAIN-OF-CUSTODY Analytical Request Document**

Chain-of-Custody is a LEGAL DOCUMENT - Complete all relevant fields

Company Name: Heartland Environmental  
Street Address: 3410 Mishawaka Avenue, South Bend, IN 46615

Contact/Report To: Ryan Orzechowicz  
Phone #: (317)771-2283  
E-Mail: orzechowicz@heartlandenv.com  
Cc E-Mail:

Customer Project #: Genesis Convention Center

Invoice To: Accounts Payable  
Invoice E-Mail: pny@heartlandenv.com  
Purchase Order # (if applicable):  
Quote #:

County / State origin of sample(s): Indiana  
Reproducible  Yes  No

Time Zone Collected:  AK  MT  CT  ET  
Data Deliverables: Regulatory Program (DW, RCRA, etc.) as applicable:  
 Level II  Level III  Level IV  
 EQUIS  
 Other

Rush (Pre-approval required):  
 Same Day  1 Day  2 Day  3 Day  Other

Date Results Requested: **STANDARD**  
Field Filtered (if applicable):  Yes  No  
Analysis:

\* Matrix Codes (Insert in Matrix box below): Drinking Water (DW), Ground Water (GW), Waste Water (WW), Product (P), Soil/Solid (SS), Oil (OL), Wipe (WP), Tissue (TS), Bioassay (B), Vapor (V), Surface Water (SW), Sediment (SED), Sludge (SL), Caulk (CK), Leachate (LL), Biosolid (BS), Other (OT)

Customer Sample ID	Matrix *	Composite Start		# Cont.	Res. Chlorine Results	Units
		Date	Time			
SB-1 (1-3)	SS	G		4		
SB-1 (12-14)				4		
SB-2 (1-3)				4		
SB-2 (12-14)				4		
SB-3 (1-3)				4		
SB-3 (12-14)				4		
SB-4 (1-3)				4		
SB-4 (12-14)				4		
SB-5 (1-3)				12		
SB-5 (12-14)				4		

Collected By: (Printed Name) **RYAN ORZECZOWICZ**

Signature: *[Signature]*

Received by/Company: *[Signature]*  
Date/Time: 6/16/2004 13:00

Received by/Company: *[Signature]*  
Date/Time: 6/16/2004 13:00

Relinquished by/Company: *[Signature]*  
Date/Time:

Relinquished by/Company: *[Signature]*  
Date/Time:

Relinquished by/Company: *[Signature]*  
Date/Time:

Relinquished by/Company: *[Signature]*  
Date/Time:

LAB USE ONLY - Affix Workorder/Login Label Here  
**WO#: 50375189**  
**50375189**



Identify Container Preservative Type\*\*\*  
\*\*\* Preservative Types: (1) None, (2) HNO3, (3) H2SO4, (4) HCl, (5) NaOH, (6) Zn Acetate, (7) NaHSO4, (8) Sod. Thiosulfate, (9) Ascorbic Acid, (10) MeOH, (11) Other

Lab Use Only	Proj. Mgr:	AccNum / Client ID:	Table #:	Profile / Template:	Prelog / Bottle Ord. ID:
	Allison Martinez			11620-2,5	EZ 3119254

Customer Remarks / Special Conditions / Possible Hazards:

# Coolers	Thermometer ID:	Correction Factor (°C):	Obs. Temp. (°C)	Corrected Temp. (°C)	On log:
	A	0.0	1.7	1.7	Y

Date/Time:	Tracking Number:	Delivered by:	Person
6/16/04	1302	[Signature]	Courier

**CHAIN-OF-CUSTODY Analytical Request Document**  
Chain-of-Custody is a LEGAL DOCUMENT - Complete all relevant fields

Company Name: Heartland Environmental  
Street Address: 3410 Mishawaka Avenue, South Bend, IN 46615

Contact/Report To: Ryan Orzechowicz  
Phone #: (317)771-2283

E-Mail: rorzechowicz@heartlandenv.com  
Cc E-Mail:

Customer Project #: Genesis Convention Center

Invoice To: Accounts Payable  
Invoice E-Mail: pny@heartlandenv.com

Site Collection Info/Facility ID (as applicable):

Purchase Order # (if applicable):  
Quote #:

County / State origin of sample(s): Indiana

Regulatory Program (DW, RCRA, etc.) as applicable: Reportable [ ] Yes [ ] No

Date Results: [ ] Same Day [ ] 1 Day [ ] 2 Day [ ] 3 Day [ ] Other

Date Results: [ ] Other

Requested: **STANDARD TAT**

Field Filtered (if applicable): [ ] Yes [ ] No

Analysis:

Rush (Pre-approval required): DW PWSID # or WW Permit # as applicable:

Matrix Codes (insert in Matrix box below): Drinking Water (DW), Ground Water (GW), Waste Water (WW), Product (P), Soil/Solid (SS), Oil (OL), Wipe (WP), Tissue (TS), Bioassay (B), Vapor (V), Surface Water (SW), Sediment (SED), Sludge (SL), Caulk (CK), Leachate (L), Biosolid (BS), Other (OT)

Customer Sample ID

Matrix \* Comp / Grab

Composite Start Date

Time

Collected or Composite End Date

Time

# Cont.

Res. Chlorine Results

Units

Customer Remarks / Special Conditions / Possible Hazards:

Collected By: (Printed Name)  
Signature:

Date/Time:

Date/Time:

Date/Time:

Date/Time:

LAB USE ONLY - Affix Workorder/Login Label Here



Scan QR Code for instructions

Specify Container Size \*\*

Identify Container Preservative Type \*\*\*

Analysis Requested

Proj. Mgr:	Allison Martinez
AcctNum / Client ID:	
Table #:	
Profile / Template:	11620-2,5
Prelog / Bottle Ord. ID:	EZ 3119254

Lab Use Only

Sample Comment

8260 VOCs

8270 PAH

6010 Pb

6010 Pb, Lab Filtered

011

012

013

014

015

016

017

018

019

020

Preservation non-compliance identified for sample.

\*\*Container Size: (1) 1L, (2) 500mL, (3) 250mL, (4) 125mL, (5) 100mL, (6) 40mL vial, (7) Encore, (8) TerraCore, (9) 90mL, (10) Other

\*\*\* Preservative Types: (1) None, (2) HNO3, (3) H2SO4, (4) HCl, (5) NaOH, (6) Zn Acetate, (7) NaHSO4, (8) Sod. Thiosulfate, (9) Ascorbic Acid, (10) MeOH, (11) Other

Customer Remarks / Special Conditions / Possible Hazards:

# Coolers: 1

Thermometer ID: A

Correction Factor (°C): 0.0

Obs. Temp. (°C): 1.7

Corrected Temp. (°C): 1.7

On Use: 4

Date/Time: 6/6/24

Tracking Number: 1302

Date/Time:

Date/Time:

Date/Time:

Date/Time:

Delivered by: [ ] Person [ ] Courier

[ ] FedEx [ ] UPS [ ] Other

Page: 2 of 4

**CHAIN-OF-CUSTODY Analytical Request Document**  
 Chain-of-Custody is a LEGAL DOCUMENT - Complete all relevant fields

LAB USE ONLY - Affix Workorder/Login Label Here



Scan QR Code for instructions

Company Name: Heartland Environmental  
 Street Address: 3410 Mishawaka Avenue, South Bend, IN 46615  
 Phone #: (317)771-2283  
 E-Mail: rorzechowicz@heartlandenv.com  
 Cc E-Mail:

Contact/Report To: Ryan Orzechowicz  
 Accounts Payable  
 Invoice To: pry@heartlandenv.com  
 Invoice E-Mail: pry@heartlandenv.com  
 Purchase Order # (if applicable):  
 Quote #:

Customer Project #: Genesis Convention Center  
 Site Collection Info/Facility ID (as applicable):

Specify Container Size \*\*  
 Identify Container Preservative Type\*\*\*  
 Analysis Requested

Time Zone Collected: [ ] AK [ ] PT [ ] MT [ ] CT [ ] ET  
 Regulatory Program (DW, RCRA, etc.) as applicable: Reportable [ ] Yes [ ] No  
 County / State origin of sample(s): Indiana  
 Rush (Pre-approval required):  
 [ ] Same Day [ ] 1 Day [ ] 2 Day [ ] 3 Day [ ] Other  
 DW PWSID # or WW Permit # as applicable:  
 Date Results Requested: STANDARD TAT  
 Analysis: Field Filtered (if applicable): [ ] Yes [ ] No

Matrix \*  
 Comp / Grab  
 Date  
 Time  
 Composite Start  
 Date  
 Time  
 Collected or Composite End  
 Date  
 Time  
 # Cont.  
 Units  
 Res. Chlorine  
 Results

Customer Sample ID	Matrix *	Comp / Grab	Date	Time	Composite Start	Date	Time	Collected or Composite End	Date	Time	# Cont.	Units	Res. Chlorine
SB-11 (1-3)	SS	G	6/5/24	8:30		6/5/24	8:30				4		
SB-11 (11-13)				8:37							4		
SB-12 (1-3)				12:11							4		
SB-12 (11-13)				12:59							12		
SB-13 (1-3)				13:09							4		
SB-13 (11-13)				13:09							4		
SB-14 (1-3)				11:30							4		
SB-14 (11-13)				11:39							4		
SB-15 (1-3)				10:04							4		
SB-15 (13-15)				10:33							4		

Additional Instructions from Pace:  
 - USE BROWN FIELD BATES  
 - SITE NAME ABBREVIATED AS "GCL"  
 Collected By: Ryan Orzechowicz  
 Signature: Ryan Orzechowicz

Relinquished by/Company: (Signature)  
 Date/Time:  
 Relinquished by/Company: (Signature)  
 Date/Time:  
 Relinquished by/Company: (Signature)  
 Date/Time:  
 Relinquished by/Company: (Signature)  
 Date/Time:

Customer Remarks / Special Conditions / Possible Hazards:  
 8260 VOCs  
 8270 PAH  
 6010 Pb, Lab Filtered  
 6010 Pb  
 021  
 022  
 023  
 024  
 025  
 026  
 027  
 028  
 029  
 030  
 Preservation non-conformance identified for sample.

# Coolers: 1  
 Thermometer ID: A  
 Correction Factor (°C): 0.0  
 Obs. Temp. (°C): 1.7  
 Corrected Temp. (°C): 1.7  
 On Ice: Y  
 Tracking Number:  
 Date/Time: 6/6/24 1302  
 Delivered by: [ ] Person [ ] Courier  
 [ ] FedEx [ ] UPS [ ] Other  
 Page: 3 of 4

**CHAIN-OF-CUSTODY Analytical Request Document**  
 Chain-of-custody is a LEGAL DOCUMENT - Complete all relevant fields

LAB USE ONLY - Affix Workorder/Login Label Here



Scan QR Code for instructions

Company Name: Heartland Environmental  
 Street Address: 3410 Mishawaka Avenue, South Bend, IN 46615  
 Contact/Report To: Ryan Orzechowicz  
 Phone #: (317) 771-2283  
 E-Mail: rorzechowicz@heartlandenv.com  
 Cc E-Mail:  
 Invoice To: Accounts Payable  
 Invoice E-Mail: pny@heartlandenv.com  
 Purchase Order # (if applicable):  
 Quote #:

Customer Project #: \_\_\_\_\_  
 Project Name: Genesis Convention Center  
 Site Collection Info/Facility ID (as applicable):  
 Time Zone Collected: [ ] AK [ ] PT [ ] MT [ ] CT [ ] ET  
 Data Deliverables: \_\_\_\_\_  
 [ ] Level II [ ] Level III [ ] Level IV  
 [ ] EQUIS  
 [ ] Other: \_\_\_\_\_  
 \* Matrix Codes (insert in Matrix box below): Drinking Water (DW), Ground Water (GW), Waste Water (WW), Product (P), Soil/Solid (SS), Oil (OL), Wipe (WP), Tissue (TS), Bioassay (B), Vapor (V), Surface Water (SW), Sediment (SED), Sludge (SL), Caulk (CK), Leachate (LL), Biosolid (BS), Other (OT)

Regulatory Program (DW, RCRA, etc.) as applicable: Reportable [ ] Yes [ ] No  
 Rush (Pre-approval required): \_\_\_\_\_  
 [ ] Same Day [ ] 1 Day [ ] 2 Day [ ] 3 Day [ ] Other: \_\_\_\_\_  
 Date Results Requested: STANDARD TAT  
 Field Filtered (if applicable): [ ] Yes [ ] No  
 Analysis: \_\_\_\_\_

Customer Sample ID	Matrix * Comp / Grab	Composite Start		Collected or Composite End		# Cont.	Res. Chlorine Results	Units
		Date	Time	Date	Time			
SB-16 (1-3)	SS G			6/5/24	9:25	4		
SB-16 (11-13)				6/5/24	9:37	4		
FO-1				6/4/24		4		
FO-2				6/5/24		4		

Additional Instructions from Pace\*:  
 - USE BROWN FIELDS LATES  
 - SITE NAME ABBREVIATED AS "GCC"  
 Relinquished by/Company: (Signature) \_\_\_\_\_ Date/Time: \_\_\_\_\_  
 Relinquished by/Company: (Signature) \_\_\_\_\_ Date/Time: \_\_\_\_\_  
 Relinquished by/Company: (Signature) \_\_\_\_\_ Date/Time: \_\_\_\_\_  
 Relinquished by/Company: (Signature) \_\_\_\_\_ Date/Time: \_\_\_\_\_

Collected By: (Printed Name) RYAN ORZECHOWICZ  
 Signature: \_\_\_\_\_  
 Received by/Company: (Signature) \_\_\_\_\_ Date/Time: \_\_\_\_\_  
 Received by/Company: (Signature) \_\_\_\_\_ Date/Time: \_\_\_\_\_  
 Received by/Company: (Signature) \_\_\_\_\_ Date/Time: \_\_\_\_\_  
 Received by/Company: (Signature) \_\_\_\_\_ Date/Time: \_\_\_\_\_

Customer Remarks / Special Conditions / Possible Hazards:  
 # Coolers: \_\_\_\_\_ Thermometer ID: A Correction Factor (°C): 0.0 Obs. Temp. (°C): 1.7 Corrected Temp. (°C): 1.7 On Ice: Y  
 Date/Time: 6/6/24 1302 Tracking Number:  
 Date/Time:  
 Date/Time:  
 Date/Time:

Delivered by: [ ] Person [ ] Courier  
 [ ] FedEx [ ] UPS [ ] Other  
 Page: 4 of 4



**SAMPLE CONDITION UPON RECEIPT FORM**

*Pace*

Date/Time and Initials of person examining contents: 06/06/24 1420 JA

1. Courier:  FED EX  UPS  CLIENT  PACE  NOW/JETT  OTHER \_\_\_\_\_

2. Custody Seal on Cooler/Box Present:  Yes  No  
 (If yes) Seals Intact:  Yes  No (leave blank if no seals were present)

3. Thermometer: 1 2 3 4 5 6 7 8 (A) B C D E F G H

4. Cooler Temperature(s): 1.7/1.7

RECORD TEMPS OF ALL COOLERS RECEIVED (use Comments below to add more)

5. Packing Material:  Bubble Wrap  Bubble Bags  
 None  Other box

6. Ice Type:  Wet  Blue  None

7. Was the PM notified of out of temp cooler?:  Yes  No  
 Cooler temp should be above freezing to 6°C

8. EZ Bottle Order?:  Yes  No  
 If yes but not on COC what is the EZ Bottle Order Number?: \_\_\_\_\_

All discrepancies will be written out in the comments section below.

	Yes	No	Yes	No	N/A
USDA Regulated Soils? (HI, ID, NY, WA, OR, CA, NM, TX, OK, AR, LA, TN, AL, MS, NC, SC, GA, FL, or Puerto Rico)	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>			
Short Hold Time Analysis (48 hours or less)? Analysis: <u>DI</u>	<input checked="" type="checkbox"/>				<input checked="" type="checkbox"/>
Time 5035A TC placed in Freezer or Short Holds To Lab <u>TC DI</u>		Time: <u>1505</u>			
Rush TAT Requested (4 days or less):					
Custody Signatures Present?					
Containers Intact?:	<input checked="" type="checkbox"/>				
Sample Label (IDs/Dates/Times) Match COC? Except TCs, which only require sample ID					
Extra labels on Terracore Vials? (soils only)					
Residual Chlorine Check (SVOC 625 Pesti/PCB 608)			Present	Absent	N/A
Residual Chlorine Check (Total/Amenable/Free Cyanide)					
Headspace Wisconsin Sulfide?					
Headspace in VOA Vials (>6mm): See Containter Count form for details			Present	Absent	No VOA Vials Sent
Trip Blank Present?					
Trip Blank Custody Seals?:					

COMMENTS: Custody signature only on first page of COC. COC was SB-12 (11-13) as MS/MSD but received 3 WGFU and 3 sets of Terracore vials for SB-12 (1-3) instead. See container count sheet.

Sample point SB-14 (11-13) containers only have SB-14 written on them. The (11-13) is left out. - JA 6/6/24

# Sample Container Count

COC PAGE 1 of 4

\*\* Place a RED dot on containers that are out of conformance \*\*

COC Line Item	MeOH (only)	SBS	DI	R	AMBER GLASS					PLASTIC										OTHER			Matrix				Nitric Red	Sulfuric Yellow	Sodium Hydroxide Green	Sodium Hydroxide/ ZnAc Black																				
					VOA VIAL HS >6mm	DG9H	VG9H	DG9U	VG9T	AG0U	AG1H	AG1U	AG3U	AG3S	AG3SF	AG3B	BP1U	BP1N	BP2U	BP3U	BP3N	BP3F	BP3S	BP3B	BP3Z	CG3H					CG3F	Syringe Kit	HNO3 <2	H2SO4 <2	NaOH >10	NaOH/Zn Ac >9														
1																																																		
2																																																		
3																																																		
4																																																		
5																																																		
6																																																		
7																																																		
8																																																		
9																																																		
10																																																		
11																																																		
12																																																		

## Container Codes

Code	Description	Material
DG9H	40mL HCl amber vial	Glass
DG9U	40mL TSP amber vial	Glass
DG9S	40mL H2SO4 amber vial	Glass
DG9T	40mL Na Thio amber vial	Glass
DG9U	40mL unpreserved amber vial	Glass
VG9H	40mL HCl clear vial	Glass
VG9T	40mL Na Thio. clear vial	Glass
VG9U	40mL unpreserved clear vial	Glass
I	40mL w/hexane wipe vial	Glass
WGKL	8oz unpreserved clear jar	Glass
WGFL	4oz clear soil jar	Glass
JGFL	4oz unpreserved amber wide	Glass
CG3H	250mL clear glass HCl	Glass
CG3F	250mL clear glass HCl, Field Filter	Glass
BG1H	1L HCl clear glass	Glass
BG1S	1L H2SO4 clear glass	Glass

## Glass

Code	Description	Material
BG1T	glass	Glass
BG1U	1L unpreserved glass	Glass
CG3U	250mL Unpres Clear Glass	Glass
AG0U	100mL unpres amber glass	Glass
AG1H	1L HCl amber glass	Glass
AG1S	1L H2SO4 amber glass	Glass
AG1T	1L Na Thiosulfate amber glass	Glass
AG1U	1liter unpres amber glass	Glass
AG2N	500mL HNO3 amber glass	Glass
AG2S	500mL H2SO4 amber glass	Glass
AG2U	500mL unpres amber glass	Glass
AG3S	250mL H2SO4 amber glass	Glass
AG3SF	250mL H2SO4 amb glass -field filtered	Glass
AG3U	250mL unpres amber glass	Glass
AG3B	250mL NaOH amber glass	Glass

## Plastic

Code	Description	Material
BP4U	125mL unpreserved plastic	Plastic
BP4N	125mL HNO3 plastic	Plastic
BP4S	125mL H2SO4 plastic	Plastic
BP1U	1L unpreserved plastic	Plastic
BP1Z	1L NaOH, Zn, Ac	Plastic
BP2N	500mL HNO3 plastic	Plastic
BP2C	500mL NaOH plastic	Plastic
BP2S	500mL H2SO4 plastic	Plastic
BP2U	500mL unpreserved plastic	Plastic
BP3U	500mL NaOH, Zn Ac	Plastic
BP3Z	250mL NaOH plastic	Plastic
BP3N	250mL HNO3 plastic	Plastic
BP3F	250mL HNO3 plastic-field filtered	Plastic
BP3U	250mL unpreserved plastic	Plastic
BP3S	250mL H2SO4 plastic	Plastic
BP3Z	250mL NaOH, ZnAc plastic	Plastic
BP3R	250mL Unpres. FF SO4/OH buffer	Plastic

## Miscellaneous

Code	Description	Material
Syringe Kit	LL Cr+6 sampling kit	Miscellaneous
ZPLC	Ziploc Bag	Miscellaneous
R	Terracore Kit	Miscellaneous
SP5J	120mL Coliform Sodium Thiosulfate	Miscellaneous
GN	General Container	Miscellaneous
U	Summa Can (air sample)	Miscellaneous
WT	Water	Miscellaneous
SL	Solid	Miscellaneous
OL	Oil	Miscellaneous
NAL	Non-aqueous liquid	Miscellaneous
WP	Wipe	Miscellaneous

Sample Container Count

\*\* Place a RED dot on containers that are out of conformance \*\*

COC Line Item	MeOH (only)				VOA VIAL HS >6mm	AMBER GLASS					PLASTIC					OTHER				Nitric Sulfuric	Sodium Hydroxide	Sodium Hydroxide/ZnAc															
	WGFLU	BG1U	WGKU	BG1U		DG9H	VG9H	AG0U	AG1H	AG1U	AG3U	AG3S	AG3SF	AG3B	BP1U	BP1N	BP2U	BP3U	BP3N				BP3F	BP3S	BP3B	BP3Z	CG3H	CG3F	Syringe Kit	Matrix							
1					DG9H																																
2					VG9H																																
3																																					
4																																					
5																																					
6																																					
7																																					
8																																					
9																																					
10																																					
11																																					
12																																					

Glass		Plastic	
DG9H	40mL HCl amber vial	BP1B	1L NaOH plastic
DG9P	40mL TSP amber vial	BP1N	1L HNO3 plastic
DG9S	40mL H2SO4 amber vial	BP1S	1L H2SO4 plastic
DG9T	40mL Na Thio amber vial	BP1U	1L unreserved plastic
DG9U	40mL unreserved amber vial	BP1Z	1L NaOH, Zn, Ac
VG9H	40mL HCl clear vial	BP2N	500mL HNO3 plastic
VG9T	40mL Na Thio. clear vial	BP2C	500mL NaOH plastic
VG9U	40mL unreserved clear vial	BP2S	500mL H2SO4 plastic
I	40mL w/hexane wipe vial	BP2U	500mL unreserved plastic
WGKL	8oz unreserved clear jar	BP2Z	500mL NaOH, Zn Ac
WGFU	4oz clear soil jar	BP3B	250mL NaOH plastic
JGFU	4oz unreserved amber wide	BP3N	250mL HNO3 plastic
CG3H	250mL clear glass HCl	BP3F	250mL HNO3 plastic-field filtered
CG3F	250mL clear glass HCl, Field Filter	BP3U	250mL unreserved plastic
BG1H	1L HCl clear glass	BP3S	250mL H2SO4 plastic
BG1S	1L H2SO4 clear glass	BP3Z	250mL NaOH, ZnAc plastic
		BP3R	250mL Unpres. FF SO4/OH buffer

Miscellaneous	
Syringe Kit	LL Cr+6 sampling kit
ZPLC	Ziploc Bag
R	Terracore Kit
SP5T	120mL Coliform Sodium Thiosulfate
GN	General Container
U	Summa Can (air sample)
WT	Water
SL	Solid
OL	Oil
NAL	Non-aqueous liquid
WP	Wipe

Container Codes

# Sample Container Count

COC PAGE 3 of 4

\*\* Place a RED dot on containers that are out of compliance \*\*

COC Line Item	MeOH (only)			AMBER GLASS						PLASTIC						OTHER			Nitric Sulfuric				Sodium Hydroxide/ ZnAc		Sodium Hydroxide												
	WG9H	DG9H	VG9H	VOA VIAL HS >6mm	AG0U	AG1U	AG3U	AG3S	AG3SF	AG3B	BP1U	BP2U	BP3U	BP3N	BP3F	BP3S	BP3B	BP3Z	CG3H	CG3F	Synge Kit	Matrix	Red	Yellow	Green	Black	NaOH >10	NaOH/Zn Ac >9									
1																																					
2																																					
3																																					
4																																					
5																																					
6																																					
7																																					
8																																					
9																																					
10																																					
11																																					
12																																					

### Glass

Container Codes	Description	Material
DG9H	40mL HCl amber vial	glass
DG9P	40mL TSP amber vial	1L unpreserved glass
DG9S	40mL H2SO4 amber vial	250mL Unpres Clear Glass
DG9T	40mL Na Thio amber vial	100mL unpres amber glass
DG9U	40mL unpreserved amber vial	1L HCl amber glass
VG9H	40mL HCl clear vial	1L H2SO4 amber glass
VG9T	40mL Na Thio. clear vial	1L Na Thiosulfate amber glass
VG9U	40mL unpreserved clear vial	1liter unpres amber glass
I	40mL w/hexane wipe vial	500mL HNO3 amber glass
WG9L	8oz unpreserved clear jar	500mL H2SO4 amber glass
WG9U	4oz clear soil jar	500mL unpres amber glass
JG9U	4oz unpreserved amber wide	250mL H2SO4 amber glass
CG3H	250mL clear glass HCl	250mL H2SO4 amb glass -field filtered
CG3F	250mL clear glass HCl, Field Filter	250mL unpres amber glass
BG1H	1L HCl clear glass	250mL NaOH amber glass
BG1S	1L H2SO4 clear glass	

### Plastic

BP1B	1L NaOH plastic	BP4U	125mL unpreserved plastic
BP1N	1L HNO3 plastic	BP4N	125mL HNO3 plastic
BP1S	1L H2SO4 plastic	BP4S	125mL H2SO4 plastic
BP1U	1L unpreserved plastic		
BP1Z	1L NaOH, Zn, Ac		
BP2N	500mL HNO3 plastic		
BP2C	500mL NaOH plastic		
BP2S	500mL H2SO4 plastic		
BP2U	500mL unpreserved plastic		
BP2Z	500mL NaOH, Zn Ac		
BP3B	250mL NaOH plastic		
BP3N	250mL HNO3 plastic		
BP3F	250mL HNO3 plastic-field filtered		
BP3U	250mL unpreserved plastic		
BP3S	250mL H2SO4 plastic		
BP3Z	250mL NaOH, ZnAc plastic		
BP3R	250mL Unpres. FF SO4/OH buffer		
<b>Miscellaneous</b>			
	Syringe Kit		LL Cr+6 sampling kit
	ZPLC Ziploc Bag		
	R Terracore Kit		
	SP5T		120mL Coliform Sodium Thiosulfate
	GN		General Container
	U		Summa Can (air sample)
	WT		Water
	SL		Solid
	OL		Oil
	NAL		Non-aqueous liquid
	WP		Wipe

Sample Container Count

COC PAGE 4 of 4

\*\* Place a RED dot on containers that are out of conformance \*\*

COC Line Item	WG FU	WG KU	BG 1U	MeOH (only)		SBS		VOA VIAL HS >6mm	DG 9H	VG 9H	AMBER GLASS										PLASTIC										OTHER				Nitric Sulfuric		Sodium Hydroxide		Sodium Hydroxide/ZnAc													
				(D)	R	AG 1U	AG 1H				AG 3U	AG 3S	AG 3SF	AG 3B	BP 1U	BP 3F	BP 3S	BP 3B	BP 3Z	CG 3H	CG 3F	Syringe Kit	Matrix	Red	Yellow	Green	Black	<-2	<-2	>10	NaOH/Zn Ac >9																					
1																																																				
2																																																				
3																																																				
4																																																				
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6																																																				
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9																																																				
10																																																				
11																																																				
12																																																				

Plastic	
BP1B	1L NaOH plastic
BP1N	1L HNO3 plastic
BP1S	1L H2SO4 plastic
BP1U	1L unpreserved plastic
BP1Z	1L NaOH, Zn, Ac
BP2N	500mL HNO3 plastic
BP2C	500mL NaOH plastic
BP2S	500mL H2SO4 plastic
BP2U	500mL unpreserved plastic
BP2Z	500mL NaOH, Zn Ac
BP3B	250mL NaOH plastic
BP3N	250mL HNO3 plastic
BP3F	250mL HNO3 plastic-field filtered
BP3U	250mL unpreserved plastic
BP3S	250mL H2SO4 plastic
BP3Z	250mL NaOH, ZnAc plastic
BP3R	250mL Unpres. FF. SO4/OH buffer
BP4U	125mL unpreserved plastic
BP4N	125mL HNO3 plastic
BP4S	125mL H2SO4 plastic

Glass	
DG9H	40mL HCl amber vial
DG9P	40mL TSP amber vial
DG9S	40mL H2SO4 amber vial
DG9T	40mL Na Thio amber vial
DG9U	40mL unpreserved amber vial
VG9H	40mL HCl clear vial
VG9T	40mL Na Thio. clear vial
VG9U	40mL unpreserved clear vial
I	40mL w/hexane wipe vial
WGKU	8oz unpreserved clear jar
WGFL	4oz clear soil jar
JGFU	4oz unpreserved amber wide
CG3H	250mL clear glass HCl
CG3F	250mL clear glass HCl, Field Filter
BG1H	1L HCl clear glass
BG1S	1L H2SO4 clear glass
BG1T	glass
CG3U	250mL Unpres Clear Glass
AG0U	100mL unpres amber glass
AG1H	1L HCl amber glass
AG1S	1L H2SO4 amber glass
AG1T	1L Na Thiosulfate amber glass
AG1U	1liter unpres amber glass
AG2N	500mL HNO3 amber glass
AG2S	500mL H2SO4 amber glass
AG2U	500mL unpres amber glass
AG3S	250mL H2SO4 amber glass
AG3SF	250mL H2SO4 amb glass-field filtered
AG3U	250mL unpres amber glass
AG3B	250mL NaOH amber glass

## **APPENDIX C**

### **Groundwater Laboratory Certificate of Analysis**



June 20, 2024

Ryan Orzechowicz  
Heartland Environmental  
3410 Mishawaka Avenue  
South Bend, IN 46615

RE: Project: Genesis Convention Center  
Pace Project No.: 50375143

Dear Ryan Orzechowicz:

Enclosed are the analytical results for sample(s) received by the laboratory on June 06, 2024. The results relate only to the samples included in this report. Results reported herein conform to the applicable TNI/NELAC Standards and the laboratory's Quality Manual, where applicable, unless otherwise noted in the body of the report.

The test results provided in this final report were generated by each of the following laboratories within the Pace Network:

- Pace Analytical Services - Indianapolis

If you have any questions concerning this report, please feel free to contact me.

Sincerely,

A handwritten signature in black ink that reads "Allison Martinez".

Allison Martinez  
allison.martinez@pacelabs.com  
(317)228-3118  
Project Manager

Enclosures



## REPORT OF LABORATORY ANALYSIS

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## CERTIFICATIONS

Project: Genesis Convention Center

Pace Project No.: 50375143

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### **Pace Analytical Services Indianapolis**

7726 Moller Road, Indianapolis, IN 46268

Illinois Accreditation #: 200074

Indiana Drinking Water Laboratory #: C-49-06

Kansas/TNI Certification #: E-10177

Kentucky UST Agency Interest #: 80226

Kentucky WW Laboratory ID #: 98019

Michigan Drinking Water Laboratory #9050

Ohio VAP Certified Laboratory #: CL0065

Oklahoma Laboratory #: 9204

Texas Certification #: T104704355

Washington Dept of Ecology #: C1081

Wisconsin Laboratory #: 999788130

USDA Foreign Soil Permit #: 525-23-13-23119

USDA Compliance Agreement #: IN-SL-22-001

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## REPORT OF LABORATORY ANALYSIS

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### SAMPLE SUMMARY

Project: Genesis Convention Center

Pace Project No.: 50375143

Lab ID	Sample ID	Matrix	Date Collected	Date Received
50375143001	SB-1	Water	06/05/24 11:30	06/06/24 13:02
50375143002	SB-2	Water	06/05/24 11:48	06/06/24 13:02
50375143003	SB-3	Water	06/05/24 12:30	06/06/24 13:02
50375143004	SB-4	Water	06/05/24 12:42	06/06/24 13:02
50375143005	SB-5	Water	06/05/24 12:50	06/06/24 13:02
50375143006	SB-6	Water	06/05/24 13:04	06/06/24 13:02
50375143007	SB-7	Water	06/05/24 13:15	06/06/24 13:02
50375143008	SB-8	Water	06/05/24 13:38	06/06/24 13:02
50375143009	SB-9	Water	06/05/24 13:49	06/06/24 13:02
50375143010	SB-10	Water	06/05/24 15:10	06/06/24 13:02
50375143011	SB-11	Water	06/05/24 14:02	06/06/24 13:02
50375143012	SB-12	Water	06/05/24 15:00	06/06/24 13:02
50375143013	SB-13	Water	06/05/24 14:45	06/06/24 13:02
50375143014	SB-14	Water	06/05/24 14:38	06/06/24 13:02
50375143015	SB-15	Water	06/05/24 14:10	06/06/24 13:02
50375143016	SB-16	Water	06/05/24 14:25	06/06/24 13:02
50375143017	DUP	Water	06/05/24 08:00	06/06/24 13:02

### REPORT OF LABORATORY ANALYSIS

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### SAMPLE ANALYTE COUNT

Project: Genesis Convention Center

Pace Project No.: 50375143

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
50375143001	SB-1	EPA 6010	NWB	1	PASI-I
		EPA 8270 by SIM 40E	GRM	20	PASI-I
		EPA 8260	TAY	73	PASI-I
50375143002	SB-2	EPA 6010	NWB	1	PASI-I
		EPA 8270 by SIM 40E	GRM	20	PASI-I
		EPA 8260	TAY	73	PASI-I
50375143003	SB-3	EPA 6010	NWB	1	PASI-I
		EPA 8270 by SIM 40E	GRM	20	PASI-I
		EPA 8260	TAY	73	PASI-I
50375143004	SB-4	EPA 6010	NWB	1	PASI-I
		EPA 8270 by SIM 40E	GRM	20	PASI-I
		EPA 8260	TAY	73	PASI-I
50375143005	SB-5	EPA 6010	NWB	1	PASI-I
		EPA 8270 by SIM 40E	GRM	20	PASI-I
		EPA 8260	TAY	73	PASI-I
50375143006	SB-6	EPA 6010	NWB	1	PASI-I
		EPA 8270 by SIM 40E	GRM	20	PASI-I
		EPA 8260	TAY	73	PASI-I
50375143007	SB-7	EPA 6010	NWB	1	PASI-I
		EPA 8270 by SIM 40E	GRM	20	PASI-I
		EPA 8260	TAY	73	PASI-I
50375143008	SB-8	EPA 6010	NWB	1	PASI-I
		EPA 8270 by SIM 40E	GRM	20	PASI-I
		EPA 8260	TAY	73	PASI-I
50375143009	SB-9	EPA 6010	NWB	1	PASI-I
		EPA 8270 by SIM 40E	GRM	20	PASI-I
		EPA 8260	TAY	73	PASI-I
50375143010	SB-10	EPA 6010	NWB	1	PASI-I
		EPA 8270 by SIM 40E	GRM	20	PASI-I
		EPA 8260	TAY	73	PASI-I
50375143011	SB-11	EPA 6010	NWB	1	PASI-I
		EPA 8270 by SIM 40E	GRM	20	PASI-I
		EPA 8260	TAY	73	PASI-I
50375143012	SB-12	EPA 6010	NWB	1	PASI-I
		EPA 8270 by SIM 40E	GRM	20	PASI-I
		EPA 8260	TAY	73	PASI-I
50375143013	SB-13	EPA 6010	NWB	1	PASI-I

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### SAMPLE ANALYTE COUNT

Project: Genesis Convention Center

Pace Project No.: 50375143

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
50375143014	SB-14	EPA 8270 by SIM 40E	GRM	20	PASI-I
		EPA 8260	TAY	73	PASI-I
		EPA 6010	NWB	1	PASI-I
50375143015	SB-15	EPA 8270 by SIM 40E	GRM	20	PASI-I
		EPA 8260	TAY	73	PASI-I
		EPA 6010	NWB	1	PASI-I
50375143016	SB-16	EPA 8270 by SIM 40E	GRM	20	PASI-I
		EPA 8260	TAY	73	PASI-I
		EPA 6010	NWB	1	PASI-I
50375143017	DUP	EPA 8270 by SIM 40E	GRM	20	PASI-I
		EPA 8260	TAY	73	PASI-I
		EPA 6010	NWB	1	PASI-I
		EPA 8270 by SIM 40E	GRM	20	PASI-I
		EPA 8260	TAY	73	PASI-I

PASI-I = Pace Analytical Services - Indianapolis

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## SUMMARY OF DETECTION

Project: Genesis Convention Center

Pace Project No.: 50375143

Lab Sample ID Method	Client Sample ID Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
<b>50375143003</b>	<b>SB-3</b>					
EPA 8270 by SIM 40E	Anthracene	0.46	ug/L	0.099	06/11/24 21:13	
EPA 8270 by SIM 40E	Benzo(a)anthracene	0.12	ug/L	0.099	06/11/24 21:13	
EPA 8270 by SIM 40E	Phenanthrene	2.6	ug/L	0.99	06/11/24 21:13	
<b>50375143007</b>	<b>SB-7</b>					
EPA 8270 by SIM 40E	Benzo(a)anthracene	0.12	ug/L	0.10	06/11/24 21:45	
EPA 8270 by SIM 40E	Benzo(b)fluoranthene	0.13	ug/L	0.10	06/11/24 21:45	
<b>50375143012</b>	<b>SB-12</b>					
EPA 8270 by SIM 40E	Acenaphthene	13.2	ug/L	0.99	06/13/24 18:34	
EPA 8270 by SIM 40E	Anthracene	4.3	ug/L	0.099	06/13/24 18:34	
EPA 8270 by SIM 40E	Benzo(a)anthracene	0.24	ug/L	0.099	06/13/24 18:34	
EPA 8270 by SIM 40E	Fluoranthene	3.6	ug/L	0.99	06/13/24 18:34	L1,P2
EPA 8270 by SIM 40E	Fluorene	8.5	ug/L	0.99	06/13/24 18:34	
EPA 8270 by SIM 40E	1-Methylnaphthalene	2.2	ug/L	0.99	06/13/24 18:34	
EPA 8270 by SIM 40E	Phenanthrene	14.2	ug/L	0.99	06/13/24 18:34	L1,P2
EPA 8270 by SIM 40E	Pyrene	2.5	ug/L	0.99	06/13/24 18:34	L1,P2
EPA 8260	Naphthalene	5.3	ug/L	5.0	06/13/24 14:21	
<b>50375143015</b>	<b>SB-15</b>					
EPA 8270 by SIM 40E	1-Methylnaphthalene	21.6	ug/L	0.99	06/11/24 23:43	
EPA 8260	n-Butylbenzene	8.2	ug/L	5.0	06/13/24 15:45	
EPA 8260	Isopropylbenzene (Cumene)	6.6	ug/L	5.0	06/13/24 15:45	
EPA 8260	p-Isopropyltoluene	6.1	ug/L	5.0	06/13/24 15:45	
EPA 8260	n-Propylbenzene	10.1	ug/L	5.0	06/13/24 15:45	
EPA 8260	1,2,4-Trimethylbenzene	77.7	ug/L	5.0	06/13/24 15:45	

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## ANALYTICAL RESULTS

Project: Genesis Convention Center

Pace Project No.: 50375143

Sample: SB-1 Lab ID: 50375143001 Collected: 06/05/24 11:30 Received: 06/06/24 13:02 Matrix: Water

Parameters	Results	Units	Report			Prepared	Analyzed	CAS No.	Qual
			Limit	MDL	DF				
<b>6010 MET ICP, Lab Filtered</b>									
Analytical Method: EPA 6010 Preparation Method: EPA 3010									
Pace Analytical Services - Indianapolis									
Lead, Dissolved	ND	ug/L	10.0	4.0	1	06/18/24 08:46	06/18/24 10:21	7439-92-1	
<b>8270 PAH by 3511</b>									
Analytical Method: EPA 8270 by SIM 40E Preparation Method: EPA 3511									
Pace Analytical Services - Indianapolis									
Acenaphthene	ND	ug/L	1.0	0.094	1	06/10/24 14:45	06/11/24 00:49	83-32-9	
Acenaphthylene	ND	ug/L	1.0	0.073	1	06/10/24 14:45	06/11/24 00:49	208-96-8	L1
Anthracene	ND	ug/L	0.10	0.081	1	06/10/24 14:45	06/11/24 00:49	120-12-7	
Benzo(a)anthracene	ND	ug/L	0.10	0.065	1	06/10/24 14:45	06/11/24 00:49	56-55-3	
Benzo(a)pyrene	ND	ug/L	0.10	0.070	1	06/10/24 14:45	06/11/24 00:49	50-32-8	
Benzo(b)fluoranthene	ND	ug/L	0.10	0.065	1	06/10/24 14:45	06/11/24 00:49	205-99-2	
Benzo(g,h,i)perylene	ND	ug/L	0.10	0.091	1	06/10/24 14:45	06/11/24 00:49	191-24-2	
Benzo(k)fluoranthene	ND	ug/L	0.10	0.068	1	06/10/24 14:45	06/11/24 00:49	207-08-9	
Chrysene	ND	ug/L	0.50	0.061	1	06/10/24 14:45	06/11/24 00:49	218-01-9	
Dibenz(a,h)anthracene	ND	ug/L	0.10	0.076	1	06/10/24 14:45	06/11/24 00:49	53-70-3	
Fluoranthene	ND	ug/L	1.0	0.074	1	06/10/24 14:45	06/11/24 00:49	206-44-0	L1
Fluorene	ND	ug/L	1.0	0.096	1	06/10/24 14:45	06/11/24 00:49	86-73-7	
Indeno(1,2,3-cd)pyrene	ND	ug/L	0.10	0.058	1	06/10/24 14:45	06/11/24 00:49	193-39-5	
1-Methylnaphthalene	ND	ug/L	1.0	0.087	1	06/10/24 14:45	06/11/24 00:49	90-12-0	
2-Methylnaphthalene	ND	ug/L	1.0	0.098	1	06/10/24 14:45	06/11/24 00:49	91-57-6	
Naphthalene	ND	ug/L	1.0	0.41	1	06/10/24 14:45	06/11/24 00:49	91-20-3	
Phenanthrene	ND	ug/L	1.0	0.10	1	06/10/24 14:45	06/11/24 00:49	85-01-8	L1
Pyrene	ND	ug/L	1.0	0.099	1	06/10/24 14:45	06/11/24 00:49	129-00-0	
<b>Surrogates</b>									
2-Fluorobiphenyl (S)	111	%	43-129		1	06/10/24 14:45	06/11/24 00:49	321-60-8	
p-Terphenyl-d14 (S)	133	%	64-162		1	06/10/24 14:45	06/11/24 00:49	1718-51-0	
<b>8260/5030 MSV</b>									
Analytical Method: EPA 8260									
Pace Analytical Services - Indianapolis									
Acetone	ND	ug/L	100	5.1	1		06/13/24 12:29	67-64-1	
Acrolein	ND	ug/L	50.0	13.2	1		06/13/24 12:29	107-02-8	
Acrylonitrile	ND	ug/L	100	0.97	1		06/13/24 12:29	107-13-1	
Benzene	ND	ug/L	5.0	0.29	1		06/13/24 12:29	71-43-2	
Bromobenzene	ND	ug/L	5.0	0.26	1		06/13/24 12:29	108-86-1	
Bromochloromethane	ND	ug/L	5.0	0.67	1		06/13/24 12:29	74-97-5	
Bromodichloromethane	ND	ug/L	5.0	0.28	1		06/13/24 12:29	75-27-4	
Bromoform	ND	ug/L	5.0	0.70	1		06/13/24 12:29	75-25-2	
Bromomethane	ND	ug/L	5.0	3.2	1		06/13/24 12:29	74-83-9	
2-Butanone (MEK)	ND	ug/L	25.0	1.5	1		06/13/24 12:29	78-93-3	
n-Butylbenzene	ND	ug/L	5.0	0.43	1		06/13/24 12:29	104-51-8	
sec-Butylbenzene	ND	ug/L	5.0	0.39	1		06/13/24 12:29	135-98-8	
tert-Butylbenzene	ND	ug/L	5.0	0.37	1		06/13/24 12:29	98-06-6	
Carbon disulfide	ND	ug/L	10.0	0.33	1		06/13/24 12:29	75-15-0	
Carbon tetrachloride	ND	ug/L	5.0	0.50	1		06/13/24 12:29	56-23-5	
Chlorobenzene	ND	ug/L	5.0	0.29	1		06/13/24 12:29	108-90-7	
Chloroethane	ND	ug/L	5.0	1.5	1		06/13/24 12:29	75-00-3	

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## ANALYTICAL RESULTS

Project: Genesis Convention Center

Pace Project No.: 50375143

Sample: SB-1 Lab ID: 50375143001 Collected: 06/05/24 11:30 Received: 06/06/24 13:02 Matrix: Water

Parameters	Results	Units	Report			Prepared	Analyzed	CAS No.	Qual
			Limit	MDL	DF				
8260/5030 MSV									
Analytical Method: EPA 8260									
Pace Analytical Services - Indianapolis									
Chloroform	ND	ug/L	5.0	0.24	1		06/13/24 12:29	67-66-3	
Chloromethane	ND	ug/L	5.0	0.62	1		06/13/24 12:29	74-87-3	
2-Chlorotoluene	ND	ug/L	5.0	0.34	1		06/13/24 12:29	95-49-8	
4-Chlorotoluene	ND	ug/L	5.0	0.32	1		06/13/24 12:29	106-43-4	
Dibromochloromethane	ND	ug/L	5.0	0.44	1		06/13/24 12:29	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	5.0	0.31	1		06/13/24 12:29	106-93-4	
Dibromomethane	ND	ug/L	5.0	0.38	1		06/13/24 12:29	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	5.0	0.27	1		06/13/24 12:29	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	5.0	0.28	1		06/13/24 12:29	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	5.0	0.28	1		06/13/24 12:29	106-46-7	
trans-1,4-Dichloro-2-butene	ND	ug/L	100	0.53	1		06/13/24 12:29	110-57-6	
Dichlorodifluoromethane	ND	ug/L	5.0	0.76	1		06/13/24 12:29	75-71-8	
1,1-Dichloroethane	ND	ug/L	5.0	0.28	1		06/13/24 12:29	75-34-3	
1,2-Dichloroethane	ND	ug/L	5.0	0.24	1		06/13/24 12:29	107-06-2	
1,1-Dichloroethene	ND	ug/L	5.0	0.41	1		06/13/24 12:29	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	5.0	0.34	1		06/13/24 12:29	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	5.0	0.34	1		06/13/24 12:29	156-60-5	
1,2-Dichloropropane	ND	ug/L	5.0	0.31	1		06/13/24 12:29	78-87-5	
1,3-Dichloropropane	ND	ug/L	5.0	0.24	1		06/13/24 12:29	142-28-9	
2,2-Dichloropropane	ND	ug/L	5.0	0.42	1		06/13/24 12:29	594-20-7	
1,1-Dichloropropene	ND	ug/L	5.0	0.43	1		06/13/24 12:29	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	5.0	0.39	1		06/13/24 12:29	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	5.0	0.41	1		06/13/24 12:29	10061-02-6	
Ethylbenzene	ND	ug/L	5.0	0.31	1		06/13/24 12:29	100-41-4	
Ethyl methacrylate	ND	ug/L	100	0.35	1		06/13/24 12:29	97-63-2	
Hexachloro-1,3-butadiene	ND	ug/L	5.0	0.45	1		06/13/24 12:29	87-68-3	
n-Hexane	ND	ug/L	5.0	0.40	1		06/13/24 12:29	110-54-3	
2-Hexanone	ND	ug/L	25.0	1.7	1		06/13/24 12:29	591-78-6	
Iodomethane	ND	ug/L	10.0	0.87	1		06/13/24 12:29	74-88-4	
Isopropylbenzene (Cumene)	ND	ug/L	5.0	0.35	1		06/13/24 12:29	98-82-8	
p-Isopropyltoluene	ND	ug/L	5.0	0.39	1		06/13/24 12:29	99-87-6	
Methylene Chloride	ND	ug/L	5.0	1.3	1		06/13/24 12:29	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	25.0	1.6	1		06/13/24 12:29	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	4.0	0.22	1		06/13/24 12:29	1634-04-4	
Naphthalene	ND	ug/L	5.0	0.53	1		06/13/24 12:29	91-20-3	
n-Propylbenzene	ND	ug/L	5.0	0.34	1		06/13/24 12:29	103-65-1	
Styrene	ND	ug/L	5.0	0.28	1		06/13/24 12:29	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	5.0	0.40	1		06/13/24 12:29	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	5.0	0.32	1		06/13/24 12:29	79-34-5	
Tetrachloroethene	ND	ug/L	5.0	0.36	1		06/13/24 12:29	127-18-4	
Toluene	ND	ug/L	5.0	0.30	1		06/13/24 12:29	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	5.0	0.42	1		06/13/24 12:29	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	5.0	0.29	1		06/13/24 12:29	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	5.0	0.41	1		06/13/24 12:29	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	5.0	0.30	1		06/13/24 12:29	79-00-5	

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### ANALYTICAL RESULTS

Project: Genesis Convention Center

Pace Project No.: 50375143

Sample: SB-1 Lab ID: 50375143001 Collected: 06/05/24 11:30 Received: 06/06/24 13:02 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260/5030 MSV</b>									
Analytical Method: EPA 8260									
Pace Analytical Services - Indianapolis									
Trichloroethene	ND	ug/L	5.0	0.31	1		06/13/24 12:29	79-01-6	
Trichlorofluoromethane	ND	ug/L	5.0	0.36	1		06/13/24 12:29	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	5.0	0.42	1		06/13/24 12:29	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/L	5.0	0.32	1		06/13/24 12:29	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/L	5.0	0.33	1		06/13/24 12:29	108-67-8	
Vinyl acetate	ND	ug/L	50.0	1.3	1		06/13/24 12:29	108-05-4	
Vinyl chloride	ND	ug/L	2.0	0.56	1		06/13/24 12:29	75-01-4	
Xylene (Total)	ND	ug/L	10.0	0.33	1		06/13/24 12:29	1330-20-7	
<b>Surrogates</b>									
Dibromofluoromethane (S)	98	%	82-128		1		06/13/24 12:29	1868-53-7	H1,pH
4-Bromofluorobenzene (S)	99	%	79-124		1		06/13/24 12:29	460-00-4	
Toluene-d8 (S)	98	%	73-122		1		06/13/24 12:29	2037-26-5	

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## ANALYTICAL RESULTS

Project: Genesis Convention Center

Pace Project No.: 50375143

Sample: SB-2 Lab ID: 50375143002 Collected: 06/05/24 11:48 Received: 06/06/24 13:02 Matrix: Water

Parameters	Results	Units	Report			Prepared	Analyzed	CAS No.	Qual
			Limit	MDL	DF				
<b>6010 MET ICP, Lab Filtered</b>									
Analytical Method: EPA 6010 Preparation Method: EPA 3010									
Pace Analytical Services - Indianapolis									
Lead, Dissolved	ND	ug/L	10.0	4.0	1	06/18/24 08:46	06/18/24 10:27	7439-92-1	
<b>8270 PAH by 3511</b>									
Analytical Method: EPA 8270 by SIM 40E Preparation Method: EPA 3511									
Pace Analytical Services - Indianapolis									
Acenaphthene	ND	ug/L	1.0	0.094	1	06/10/24 14:45	06/11/24 01:00	83-32-9	
Acenaphthylene	ND	ug/L	1.0	0.073	1	06/10/24 14:45	06/11/24 01:00	208-96-8	L1,M0
Anthracene	ND	ug/L	0.10	0.081	1	06/10/24 14:45	06/11/24 01:00	120-12-7	
Benzo(a)anthracene	ND	ug/L	0.10	0.065	1	06/10/24 14:45	06/11/24 01:00	56-55-3	M1
Benzo(a)pyrene	ND	ug/L	0.10	0.070	1	06/10/24 14:45	06/11/24 01:00	50-32-8	
Benzo(b)fluoranthene	ND	ug/L	0.10	0.065	1	06/10/24 14:45	06/11/24 01:00	205-99-2	R1
Benzo(g,h,i)perylene	ND	ug/L	0.10	0.091	1	06/10/24 14:45	06/11/24 01:00	191-24-2	
Benzo(k)fluoranthene	ND	ug/L	0.10	0.068	1	06/10/24 14:45	06/11/24 01:00	207-08-9	R1
Chrysene	ND	ug/L	0.50	0.061	1	06/10/24 14:45	06/11/24 01:00	218-01-9	M1
Dibenz(a,h)anthracene	ND	ug/L	0.10	0.076	1	06/10/24 14:45	06/11/24 01:00	53-70-3	
Fluoranthene	ND	ug/L	1.0	0.074	1	06/10/24 14:45	06/11/24 01:00	206-44-0	L1,M0
Fluorene	ND	ug/L	1.0	0.096	1	06/10/24 14:45	06/11/24 01:00	86-73-7	
Indeno(1,2,3-cd)pyrene	ND	ug/L	0.10	0.058	1	06/10/24 14:45	06/11/24 01:00	193-39-5	
1-Methylnaphthalene	ND	ug/L	1.0	0.087	1	06/10/24 14:45	06/11/24 01:00	90-12-0	
2-Methylnaphthalene	ND	ug/L	1.0	0.098	1	06/10/24 14:45	06/11/24 01:00	91-57-6	R1
Naphthalene	ND	ug/L	1.0	0.41	1	06/10/24 14:45	06/11/24 01:00	91-20-3	R1
Phenanthrene	ND	ug/L	1.0	0.10	1	06/10/24 14:45	06/11/24 01:00	85-01-8	L1,M0
Pyrene	ND	ug/L	1.0	0.099	1	06/10/24 14:45	06/11/24 01:00	129-00-0	
<b>Surrogates</b>									
2-Fluorobiphenyl (S)	78	%	43-129		1	06/10/24 14:45	06/11/24 01:00	321-60-8	
p-Terphenyl-d14 (S)	112	%	64-162		1	06/10/24 14:45	06/11/24 01:00	1718-51-0	
<b>8260/5030 MSV</b>									
Analytical Method: EPA 8260									
Pace Analytical Services - Indianapolis									
Acetone	ND	ug/L	100	3.5	1		06/13/24 19:44	67-64-1	
Acrolein	ND	ug/L	50.0	6.9	1		06/13/24 19:44	107-02-8	R1
Acrylonitrile	ND	ug/L	100	1.7	1		06/13/24 19:44	107-13-1	R1
Benzene	ND	ug/L	5.0	0.30	1		06/13/24 19:44	71-43-2	M1,R1
Bromobenzene	ND	ug/L	5.0	0.40	1		06/13/24 19:44	108-86-1	M1,R1
Bromochloromethane	ND	ug/L	5.0	0.32	1		06/13/24 19:44	74-97-5	M1
Bromodichloromethane	ND	ug/L	5.0	0.36	1		06/13/24 19:44	75-27-4	M1,R1
Bromoform	ND	ug/L	5.0	0.61	1		06/13/24 19:44	75-25-2	M1,R1
Bromomethane	ND	ug/L	5.0	2.5	1		06/13/24 19:44	74-83-9	M1
2-Butanone (MEK)	ND	ug/L	25.0	1.2	1		06/13/24 19:44	78-93-3	R1
n-Butylbenzene	ND	ug/L	5.0	0.36	1		06/13/24 19:44	104-51-8	R1
sec-Butylbenzene	ND	ug/L	5.0	0.34	1		06/13/24 19:44	135-98-8	R1
tert-Butylbenzene	ND	ug/L	5.0	0.36	1		06/13/24 19:44	98-06-6	R1
Carbon disulfide	ND	ug/L	10.0	0.36	1		06/13/24 19:44	75-15-0	M1,R1
Carbon tetrachloride	ND	ug/L	5.0	0.50	1		06/13/24 19:44	56-23-5	R1
Chlorobenzene	ND	ug/L	5.0	0.29	1		06/13/24 19:44	108-90-7	M1,R1
Chloroethane	ND	ug/L	5.0	0.62	1		06/13/24 19:44	75-00-3	R1

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## ANALYTICAL RESULTS

Project: Genesis Convention Center

Pace Project No.: 50375143

Sample: SB-2 Lab ID: 50375143002 Collected: 06/05/24 11:48 Received: 06/06/24 13:02 Matrix: Water

Parameters	Results	Units	Report			Prepared	Analyzed	CAS No.	Qual
			Limit	MDL	DF				
8260/5030 MSV									
Analytical Method: EPA 8260									
Pace Analytical Services - Indianapolis									
Chloroform	ND	ug/L	5.0	0.27	1	06/13/24 19:44	67-66-3	M1,R1	
Chloromethane	ND	ug/L	5.0	0.51	1	06/13/24 19:44	74-87-3	R1	
2-Chlorotoluene	ND	ug/L	5.0	0.32	1	06/13/24 19:44	95-49-8		
4-Chlorotoluene	ND	ug/L	5.0	0.31	1	06/13/24 19:44	106-43-4	R1	
Dibromochloromethane	ND	ug/L	5.0	0.42	1	06/13/24 19:44	124-48-1	M1,R1	
1,2-Dibromoethane (EDB)	ND	ug/L	5.0	0.28	1	06/13/24 19:44	106-93-4	M1,R1	
Dibromomethane	ND	ug/L	5.0	0.36	1	06/13/24 19:44	74-95-3	M1,R1	
1,2-Dichlorobenzene	ND	ug/L	5.0	0.28	1	06/13/24 19:44	95-50-1	R1	
1,3-Dichlorobenzene	ND	ug/L	5.0	0.30	1	06/13/24 19:44	541-73-1	R1	
1,4-Dichlorobenzene	ND	ug/L	5.0	0.28	1	06/13/24 19:44	106-46-7	R1	
trans-1,4-Dichloro-2-butene	ND	ug/L	100	0.41	1	06/13/24 19:44	110-57-6		
Dichlorodifluoromethane	ND	ug/L	5.0	0.79	1	06/13/24 19:44	75-71-8		
1,1-Dichloroethane	ND	ug/L	5.0	0.31	1	06/13/24 19:44	75-34-3	M1,R1	
1,2-Dichloroethane	ND	ug/L	5.0	0.24	1	06/13/24 19:44	107-06-2	M1,R1	
1,1-Dichloroethene	ND	ug/L	5.0	0.37	1	06/13/24 19:44	75-35-4	M1,R1	
cis-1,2-Dichloroethene	ND	ug/L	5.0	0.30	1	06/13/24 19:44	156-59-2	M1,R1	
trans-1,2-Dichloroethene	ND	ug/L	5.0	0.35	1	06/13/24 19:44	156-60-5	M1,R1	
1,2-Dichloropropane	ND	ug/L	5.0	0.27	1	06/13/24 19:44	78-87-5	M1,R1	
1,3-Dichloropropane	ND	ug/L	5.0	0.23	1	06/13/24 19:44	142-28-9	M1,R1	
2,2-Dichloropropane	ND	ug/L	5.0	0.93	1	06/13/24 19:44	594-20-7	R1	
1,1-Dichloropropene	ND	ug/L	5.0	0.94	1	06/13/24 19:44	563-58-6	R1	
cis-1,3-Dichloropropene	ND	ug/L	5.0	0.44	1	06/13/24 19:44	10061-01-5	M1,R1	
trans-1,3-Dichloropropene	ND	ug/L	5.0	0.41	1	06/13/24 19:44	10061-02-6	M1,R1	
Ethylbenzene	ND	ug/L	5.0	0.34	1	06/13/24 19:44	100-41-4	M1,R1	
Ethyl methacrylate	ND	ug/L	100	0.33	1	06/13/24 19:44	97-63-2	M1	
Hexachloro-1,3-butadiene	ND	ug/L	5.0	0.48	1	06/13/24 19:44	87-68-3		
n-Hexane	ND	ug/L	5.0	3.9	1	06/13/24 19:44	110-54-3		
2-Hexanone	ND	ug/L	25.0	1.7	1	06/13/24 19:44	591-78-6	R1	
Iodomethane	ND	ug/L	10.0	0.76	1	06/13/24 19:44	74-88-4	M1	
Isopropylbenzene (Cumene)	ND	ug/L	5.0	0.34	1	06/13/24 19:44	98-82-8	M1,R1	
p-Isopropyltoluene	ND	ug/L	5.0	0.36	1	06/13/24 19:44	99-87-6	R1	
Methylene Chloride	ND	ug/L	5.0	1.6	1	06/13/24 19:44	75-09-2	M1,R1	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	25.0	1.5	1	06/13/24 19:44	108-10-1	R1	
Methyl-tert-butyl ether	ND	ug/L	4.0	0.24	1	06/13/24 19:44	1634-04-4	M1,R1	
Naphthalene	ND	ug/L	5.0	0.91	1	06/13/24 19:44	91-20-3	R1	
n-Propylbenzene	ND	ug/L	5.0	0.32	1	06/13/24 19:44	103-65-1	R1	
Styrene	ND	ug/L	5.0	0.27	1	06/13/24 19:44	100-42-5	R1	
1,1,1,2-Tetrachloroethane	ND	ug/L	5.0	0.42	1	06/13/24 19:44	630-20-6	M1,R1	
1,1,2,2-Tetrachloroethane	ND	ug/L	5.0	0.27	1	06/13/24 19:44	79-34-5	M1,R1	
Tetrachloroethene	ND	ug/L	5.0	0.36	1	06/13/24 19:44	127-18-4	R1	
Toluene	ND	ug/L	5.0	0.31	1	06/13/24 19:44	108-88-3	M1,R1	
1,2,3-Trichlorobenzene	ND	ug/L	5.0	0.79	1	06/13/24 19:44	87-61-6	R1	
1,2,4-Trichlorobenzene	ND	ug/L	5.0	0.54	1	06/13/24 19:44	120-82-1	R1	
1,1,1-Trichloroethane	ND	ug/L	5.0	0.45	1	06/13/24 19:44	71-55-6	R1	
1,1,2-Trichloroethane	ND	ug/L	5.0	0.31	1	06/13/24 19:44	79-00-5	M1,R1	

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### ANALYTICAL RESULTS

Project: Genesis Convention Center

Pace Project No.: 50375143

Sample: SB-2 Lab ID: 50375143002 Collected: 06/05/24 11:48 Received: 06/06/24 13:02 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260/5030 MSV</b>									
Analytical Method: EPA 8260									
Pace Analytical Services - Indianapolis									
Trichloroethene	ND	ug/L	5.0	0.36	1		06/13/24 19:44	79-01-6	M1,R1
Trichlorofluoromethane	ND	ug/L	5.0	0.41	1		06/13/24 19:44	75-69-4	R1
1,2,3-Trichloropropane	ND	ug/L	5.0	0.35	1		06/13/24 19:44	96-18-4	M1,R1
1,2,4-Trimethylbenzene	ND	ug/L	5.0	0.35	1		06/13/24 19:44	95-63-6	R1
1,3,5-Trimethylbenzene	ND	ug/L	5.0	0.33	1		06/13/24 19:44	108-67-8	R1
Vinyl acetate	ND	ug/L	50.0	1.5	1		06/13/24 19:44	108-05-4	R1
Vinyl chloride	ND	ug/L	2.0	0.47	1		06/13/24 19:44	75-01-4	M1,R1
Xylene (Total)	ND	ug/L	10.0	0.39	1		06/13/24 19:44	1330-20-7	MS,RS
<b>Surrogates</b>									
Dibromofluoromethane (S)	99	%	82-128		1		06/13/24 19:44	1868-53-7	H1,pH
4-Bromofluorobenzene (S)	99	%	79-124		1		06/13/24 19:44	460-00-4	
Toluene-d8 (S)	99	%	73-122		1		06/13/24 19:44	2037-26-5	

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## ANALYTICAL RESULTS

Project: Genesis Convention Center

Pace Project No.: 50375143

Sample: SB-3 Lab ID: 50375143003 Collected: 06/05/24 12:30 Received: 06/06/24 13:02 Matrix: Water

Parameters	Results	Units	Report			Prepared	Analyzed	CAS No.	Qual
			Limit	MDL	DF				
<b>6010 MET ICP, Lab Filtered</b>									
Analytical Method: EPA 6010 Preparation Method: EPA 3010									
Pace Analytical Services - Indianapolis									
Lead, Dissolved	ND	ug/L	10.0	4.0	1	06/18/24 08:46	06/18/24 10:34	7439-92-1	
<b>8270 PAH by 3511</b>									
Analytical Method: EPA 8270 by SIM 40E Preparation Method: EPA 3511									
Pace Analytical Services - Indianapolis									
Acenaphthene	ND	ug/L	0.99	0.093	1	06/11/24 11:18	06/11/24 21:13	83-32-9	
Acenaphthylene	ND	ug/L	0.99	0.072	1	06/11/24 11:18	06/11/24 21:13	208-96-8	L1
Anthracene	0.46	ug/L	0.099	0.080	1	06/11/24 11:18	06/11/24 21:13	120-12-7	
Benzo(a)anthracene	0.12	ug/L	0.099	0.064	1	06/11/24 11:18	06/11/24 21:13	56-55-3	
Benzo(a)pyrene	ND	ug/L	0.099	0.069	1	06/11/24 11:18	06/11/24 21:13	50-32-8	
Benzo(b)fluoranthene	ND	ug/L	0.099	0.064	1	06/11/24 11:18	06/11/24 21:13	205-99-2	
Benzo(g,h,i)perylene	ND	ug/L	0.099	0.090	1	06/11/24 11:18	06/11/24 21:13	191-24-2	
Benzo(k)fluoranthene	ND	ug/L	0.099	0.067	1	06/11/24 11:18	06/11/24 21:13	207-08-9	
Chrysene	ND	ug/L	0.50	0.060	1	06/11/24 11:18	06/11/24 21:13	218-01-9	
Dibenz(a,h)anthracene	ND	ug/L	0.099	0.075	1	06/11/24 11:18	06/11/24 21:13	53-70-3	
Fluoranthene	ND	ug/L	0.99	0.073	1	06/11/24 11:18	06/11/24 21:13	206-44-0	L1
Fluorene	ND	ug/L	0.99	0.095	1	06/11/24 11:18	06/11/24 21:13	86-73-7	
Indeno(1,2,3-cd)pyrene	ND	ug/L	0.099	0.057	1	06/11/24 11:18	06/11/24 21:13	193-39-5	
1-Methylnaphthalene	ND	ug/L	0.99	0.086	1	06/11/24 11:18	06/11/24 21:13	90-12-0	
2-Methylnaphthalene	ND	ug/L	0.99	0.097	1	06/11/24 11:18	06/11/24 21:13	91-57-6	
Naphthalene	ND	ug/L	0.99	0.41	1	06/11/24 11:18	06/11/24 21:13	91-20-3	
Phenanthrene	2.6	ug/L	0.99	0.10	1	06/11/24 11:18	06/11/24 21:13	85-01-8	
Pyrene	ND	ug/L	0.99	0.098	1	06/11/24 11:18	06/11/24 21:13	129-00-0	
<b>Surrogates</b>									
2-Fluorobiphenyl (S)	84	%	43-129		1	06/11/24 11:18	06/11/24 21:13	321-60-8	
p-Terphenyl-d14 (S)	115	%	64-162		1	06/11/24 11:18	06/11/24 21:13	1718-51-0	
<b>8260/5030 MSV</b>									
Analytical Method: EPA 8260									
Pace Analytical Services - Indianapolis									
Acetone	ND	ug/L	100	5.1	1		06/13/24 12:57	67-64-1	
Acrolein	ND	ug/L	50.0	13.2	1		06/13/24 12:57	107-02-8	
Acrylonitrile	ND	ug/L	100	0.97	1		06/13/24 12:57	107-13-1	
Benzene	ND	ug/L	5.0	0.29	1		06/13/24 12:57	71-43-2	
Bromobenzene	ND	ug/L	5.0	0.26	1		06/13/24 12:57	108-86-1	
Bromochloromethane	ND	ug/L	5.0	0.67	1		06/13/24 12:57	74-97-5	
Bromodichloromethane	ND	ug/L	5.0	0.28	1		06/13/24 12:57	75-27-4	
Bromoform	ND	ug/L	5.0	0.70	1		06/13/24 12:57	75-25-2	
Bromomethane	ND	ug/L	5.0	3.2	1		06/13/24 12:57	74-83-9	
2-Butanone (MEK)	ND	ug/L	25.0	1.5	1		06/13/24 12:57	78-93-3	
n-Butylbenzene	ND	ug/L	5.0	0.43	1		06/13/24 12:57	104-51-8	
sec-Butylbenzene	ND	ug/L	5.0	0.39	1		06/13/24 12:57	135-98-8	
tert-Butylbenzene	ND	ug/L	5.0	0.37	1		06/13/24 12:57	98-06-6	
Carbon disulfide	ND	ug/L	10.0	0.33	1		06/13/24 12:57	75-15-0	
Carbon tetrachloride	ND	ug/L	5.0	0.50	1		06/13/24 12:57	56-23-5	
Chlorobenzene	ND	ug/L	5.0	0.29	1		06/13/24 12:57	108-90-7	
Chloroethane	ND	ug/L	5.0	1.5	1		06/13/24 12:57	75-00-3	

## REPORT OF LABORATORY ANALYSIS

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## ANALYTICAL RESULTS

Project: Genesis Convention Center

Pace Project No.: 50375143

Sample: SB-3 Lab ID: 50375143003 Collected: 06/05/24 12:30 Received: 06/06/24 13:02 Matrix: Water

Parameters	Results	Units	Report			Prepared	Analyzed	CAS No.	Qual
			Limit	MDL	DF				
8260/5030 MSV									
Analytical Method: EPA 8260									
Pace Analytical Services - Indianapolis									
Chloroform	ND	ug/L	5.0	0.24	1		06/13/24 12:57	67-66-3	
Chloromethane	ND	ug/L	5.0	0.62	1		06/13/24 12:57	74-87-3	
2-Chlorotoluene	ND	ug/L	5.0	0.34	1		06/13/24 12:57	95-49-8	
4-Chlorotoluene	ND	ug/L	5.0	0.32	1		06/13/24 12:57	106-43-4	
Dibromochloromethane	ND	ug/L	5.0	0.44	1		06/13/24 12:57	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	5.0	0.31	1		06/13/24 12:57	106-93-4	
Dibromomethane	ND	ug/L	5.0	0.38	1		06/13/24 12:57	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	5.0	0.27	1		06/13/24 12:57	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	5.0	0.28	1		06/13/24 12:57	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	5.0	0.28	1		06/13/24 12:57	106-46-7	
trans-1,4-Dichloro-2-butene	ND	ug/L	100	0.53	1		06/13/24 12:57	110-57-6	
Dichlorodifluoromethane	ND	ug/L	5.0	0.76	1		06/13/24 12:57	75-71-8	
1,1-Dichloroethane	ND	ug/L	5.0	0.28	1		06/13/24 12:57	75-34-3	
1,2-Dichloroethane	ND	ug/L	5.0	0.24	1		06/13/24 12:57	107-06-2	
1,1-Dichloroethene	ND	ug/L	5.0	0.41	1		06/13/24 12:57	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	5.0	0.34	1		06/13/24 12:57	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	5.0	0.34	1		06/13/24 12:57	156-60-5	
1,2-Dichloropropane	ND	ug/L	5.0	0.31	1		06/13/24 12:57	78-87-5	
1,3-Dichloropropane	ND	ug/L	5.0	0.24	1		06/13/24 12:57	142-28-9	
2,2-Dichloropropane	ND	ug/L	5.0	0.42	1		06/13/24 12:57	594-20-7	
1,1-Dichloropropene	ND	ug/L	5.0	0.43	1		06/13/24 12:57	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	5.0	0.39	1		06/13/24 12:57	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	5.0	0.41	1		06/13/24 12:57	10061-02-6	
Ethylbenzene	ND	ug/L	5.0	0.31	1		06/13/24 12:57	100-41-4	
Ethyl methacrylate	ND	ug/L	100	0.35	1		06/13/24 12:57	97-63-2	
Hexachloro-1,3-butadiene	ND	ug/L	5.0	0.45	1		06/13/24 12:57	87-68-3	
n-Hexane	ND	ug/L	5.0	0.40	1		06/13/24 12:57	110-54-3	
2-Hexanone	ND	ug/L	25.0	1.7	1		06/13/24 12:57	591-78-6	
Iodomethane	ND	ug/L	10.0	0.87	1		06/13/24 12:57	74-88-4	
Isopropylbenzene (Cumene)	ND	ug/L	5.0	0.35	1		06/13/24 12:57	98-82-8	
p-Isopropyltoluene	ND	ug/L	5.0	0.39	1		06/13/24 12:57	99-87-6	
Methylene Chloride	ND	ug/L	5.0	1.3	1		06/13/24 12:57	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	25.0	1.6	1		06/13/24 12:57	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	4.0	0.22	1		06/13/24 12:57	1634-04-4	
Naphthalene	ND	ug/L	5.0	0.53	1		06/13/24 12:57	91-20-3	
n-Propylbenzene	ND	ug/L	5.0	0.34	1		06/13/24 12:57	103-65-1	
Styrene	ND	ug/L	5.0	0.28	1		06/13/24 12:57	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	5.0	0.40	1		06/13/24 12:57	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	5.0	0.32	1		06/13/24 12:57	79-34-5	
Tetrachloroethene	ND	ug/L	5.0	0.36	1		06/13/24 12:57	127-18-4	
Toluene	ND	ug/L	5.0	0.30	1		06/13/24 12:57	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	5.0	0.42	1		06/13/24 12:57	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	5.0	0.29	1		06/13/24 12:57	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	5.0	0.41	1		06/13/24 12:57	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	5.0	0.30	1		06/13/24 12:57	79-00-5	

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### ANALYTICAL RESULTS

Project: Genesis Convention Center

Pace Project No.: 50375143

Sample: SB-3 Lab ID: 50375143003 Collected: 06/05/24 12:30 Received: 06/06/24 13:02 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260/5030 MSV</b>									
Analytical Method: EPA 8260									
Pace Analytical Services - Indianapolis									
Trichloroethene	ND	ug/L	5.0	0.31	1		06/13/24 12:57	79-01-6	
Trichlorofluoromethane	ND	ug/L	5.0	0.36	1		06/13/24 12:57	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	5.0	0.42	1		06/13/24 12:57	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/L	5.0	0.32	1		06/13/24 12:57	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/L	5.0	0.33	1		06/13/24 12:57	108-67-8	
Vinyl acetate	ND	ug/L	50.0	1.3	1		06/13/24 12:57	108-05-4	
Vinyl chloride	ND	ug/L	2.0	0.56	1		06/13/24 12:57	75-01-4	
Xylene (Total)	ND	ug/L	10.0	0.33	1		06/13/24 12:57	1330-20-7	
<b>Surrogates</b>									
Dibromofluoromethane (S)	98	%	82-128		1		06/13/24 12:57	1868-53-7	H1,pH
4-Bromofluorobenzene (S)	98	%	79-124		1		06/13/24 12:57	460-00-4	
Toluene-d8 (S)	99	%	73-122		1		06/13/24 12:57	2037-26-5	

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## ANALYTICAL RESULTS

Project: Genesis Convention Center

Pace Project No.: 50375143

Sample: SB-4 Lab ID: 50375143004 Collected: 06/05/24 12:42 Received: 06/06/24 13:02 Matrix: Water

Parameters	Results	Units	Report			Prepared	Analyzed	CAS No.	Qual
			Limit	MDL	DF				
<b>6010 MET ICP, Lab Filtered</b>									
Analytical Method: EPA 6010 Preparation Method: EPA 3010									
Pace Analytical Services - Indianapolis									
Lead, Dissolved	ND	ug/L	10.0	4.0	1	06/18/24 08:46	06/18/24 10:36	7439-92-1	
<b>8270 PAH by 3511</b>									
Analytical Method: EPA 8270 by SIM 40E Preparation Method: EPA 3511									
Pace Analytical Services - Indianapolis									
Acenaphthene	ND	ug/L	1.0	0.095	1	06/12/24 16:27	06/13/24 18:24	83-32-9	
Acenaphthylene	ND	ug/L	1.0	0.074	1	06/12/24 16:27	06/13/24 18:24	208-96-8	L1
Anthracene	ND	ug/L	0.10	0.082	1	06/12/24 16:27	06/13/24 18:24	120-12-7	
Benzo(a)anthracene	ND	ug/L	0.10	0.065	1	06/12/24 16:27	06/13/24 18:24	56-55-3	
Benzo(a)pyrene	ND	ug/L	0.10	0.071	1	06/12/24 16:27	06/13/24 18:24	50-32-8	L1
Benzo(b)fluoranthene	ND	ug/L	0.10	0.065	1	06/12/24 16:27	06/13/24 18:24	205-99-2	
Benzo(g,h,i)perylene	ND	ug/L	0.10	0.092	1	06/12/24 16:27	06/13/24 18:24	191-24-2	L1
Benzo(k)fluoranthene	ND	ug/L	0.10	0.069	1	06/12/24 16:27	06/13/24 18:24	207-08-9	
Chrysene	ND	ug/L	0.50	0.061	1	06/12/24 16:27	06/13/24 18:24	218-01-9	L1
Dibenz(a,h)anthracene	ND	ug/L	0.10	0.077	1	06/12/24 16:27	06/13/24 18:24	53-70-3	L1
Fluoranthene	ND	ug/L	1.0	0.075	1	06/12/24 16:27	06/13/24 18:24	206-44-0	L1
Fluorene	ND	ug/L	1.0	0.097	1	06/12/24 16:27	06/13/24 18:24	86-73-7	
Indeno(1,2,3-cd)pyrene	ND	ug/L	0.10	0.058	1	06/12/24 16:27	06/13/24 18:24	193-39-5	L1
1-Methylnaphthalene	ND	ug/L	1.0	0.088	1	06/12/24 16:27	06/13/24 18:24	90-12-0	
2-Methylnaphthalene	ND	ug/L	1.0	0.099	1	06/12/24 16:27	06/13/24 18:24	91-57-6	
Naphthalene	ND	ug/L	1.0	0.41	1	06/12/24 16:27	06/13/24 18:24	91-20-3	
Phenanthrene	ND	ug/L	1.0	0.10	1	06/12/24 16:27	06/13/24 18:24	85-01-8	L1
Pyrene	ND	ug/L	1.0	0.10	1	06/12/24 16:27	06/13/24 18:24	129-00-0	L1
<b>Surrogates</b>									
2-Fluorobiphenyl (S)	107	%	43-129		1	06/12/24 16:27	06/13/24 18:24	321-60-8	
p-Terphenyl-d14 (S)	134	%	64-162		1	06/12/24 16:27	06/13/24 18:24	1718-51-0	
<b>8260/5030 MSV</b>									
Analytical Method: EPA 8260									
Pace Analytical Services - Indianapolis									
Acetone	ND	ug/L	100	3.5	1		06/13/24 16:55	67-64-1	
Acrolein	ND	ug/L	50.0	6.9	1		06/13/24 16:55	107-02-8	
Acrylonitrile	ND	ug/L	100	1.7	1		06/13/24 16:55	107-13-1	
Benzene	ND	ug/L	5.0	0.30	1		06/13/24 16:55	71-43-2	
Bromobenzene	ND	ug/L	5.0	0.40	1		06/13/24 16:55	108-86-1	
Bromochloromethane	ND	ug/L	5.0	0.32	1		06/13/24 16:55	74-97-5	
Bromodichloromethane	ND	ug/L	5.0	0.36	1		06/13/24 16:55	75-27-4	
Bromoform	ND	ug/L	5.0	0.61	1		06/13/24 16:55	75-25-2	
Bromomethane	ND	ug/L	5.0	2.5	1		06/13/24 16:55	74-83-9	
2-Butanone (MEK)	ND	ug/L	25.0	1.2	1		06/13/24 16:55	78-93-3	
n-Butylbenzene	ND	ug/L	5.0	0.36	1		06/13/24 16:55	104-51-8	
sec-Butylbenzene	ND	ug/L	5.0	0.34	1		06/13/24 16:55	135-98-8	
tert-Butylbenzene	ND	ug/L	5.0	0.36	1		06/13/24 16:55	98-06-6	
Carbon disulfide	ND	ug/L	10.0	0.36	1		06/13/24 16:55	75-15-0	
Carbon tetrachloride	ND	ug/L	5.0	0.50	1		06/13/24 16:55	56-23-5	
Chlorobenzene	ND	ug/L	5.0	0.29	1		06/13/24 16:55	108-90-7	
Chloroethane	ND	ug/L	5.0	0.62	1		06/13/24 16:55	75-00-3	

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## ANALYTICAL RESULTS

Project: Genesis Convention Center

Pace Project No.: 50375143

Sample: SB-4 Lab ID: 50375143004 Collected: 06/05/24 12:42 Received: 06/06/24 13:02 Matrix: Water

Parameters	Results	Units	Report			Prepared	Analyzed	CAS No.	Qual
			Limit	MDL	DF				
8260/5030 MSV									
Analytical Method: EPA 8260									
Pace Analytical Services - Indianapolis									
Chloroform	ND	ug/L	5.0	0.27	1		06/13/24 16:55	67-66-3	
Chloromethane	ND	ug/L	5.0	0.51	1		06/13/24 16:55	74-87-3	
2-Chlorotoluene	ND	ug/L	5.0	0.32	1		06/13/24 16:55	95-49-8	
4-Chlorotoluene	ND	ug/L	5.0	0.31	1		06/13/24 16:55	106-43-4	
Dibromochloromethane	ND	ug/L	5.0	0.42	1		06/13/24 16:55	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	5.0	0.28	1		06/13/24 16:55	106-93-4	
Dibromomethane	ND	ug/L	5.0	0.36	1		06/13/24 16:55	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	5.0	0.28	1		06/13/24 16:55	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	5.0	0.30	1		06/13/24 16:55	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	5.0	0.28	1		06/13/24 16:55	106-46-7	
trans-1,4-Dichloro-2-butene	ND	ug/L	100	0.41	1		06/13/24 16:55	110-57-6	
Dichlorodifluoromethane	ND	ug/L	5.0	0.79	1		06/13/24 16:55	75-71-8	
1,1-Dichloroethane	ND	ug/L	5.0	0.31	1		06/13/24 16:55	75-34-3	
1,2-Dichloroethane	ND	ug/L	5.0	0.24	1		06/13/24 16:55	107-06-2	
1,1-Dichloroethene	ND	ug/L	5.0	0.37	1		06/13/24 16:55	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	5.0	0.30	1		06/13/24 16:55	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	5.0	0.35	1		06/13/24 16:55	156-60-5	
1,2-Dichloropropane	ND	ug/L	5.0	0.27	1		06/13/24 16:55	78-87-5	
1,3-Dichloropropane	ND	ug/L	5.0	0.23	1		06/13/24 16:55	142-28-9	
2,2-Dichloropropane	ND	ug/L	5.0	0.93	1		06/13/24 16:55	594-20-7	
1,1-Dichloropropene	ND	ug/L	5.0	0.94	1		06/13/24 16:55	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	5.0	0.44	1		06/13/24 16:55	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	5.0	0.41	1		06/13/24 16:55	10061-02-6	
Ethylbenzene	ND	ug/L	5.0	0.34	1		06/13/24 16:55	100-41-4	
Ethyl methacrylate	ND	ug/L	100	0.33	1		06/13/24 16:55	97-63-2	
Hexachloro-1,3-butadiene	ND	ug/L	5.0	0.48	1		06/13/24 16:55	87-68-3	
n-Hexane	ND	ug/L	5.0	3.9	1		06/13/24 16:55	110-54-3	
2-Hexanone	ND	ug/L	25.0	1.7	1		06/13/24 16:55	591-78-6	
Iodomethane	ND	ug/L	10.0	0.76	1		06/13/24 16:55	74-88-4	
Isopropylbenzene (Cumene)	ND	ug/L	5.0	0.34	1		06/13/24 16:55	98-82-8	
p-Isopropyltoluene	ND	ug/L	5.0	0.36	1		06/13/24 16:55	99-87-6	
Methylene Chloride	ND	ug/L	5.0	1.6	1		06/13/24 16:55	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	25.0	1.5	1		06/13/24 16:55	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	4.0	0.24	1		06/13/24 16:55	1634-04-4	
Naphthalene	ND	ug/L	5.0	0.91	1		06/13/24 16:55	91-20-3	
n-Propylbenzene	ND	ug/L	5.0	0.32	1		06/13/24 16:55	103-65-1	
Styrene	ND	ug/L	5.0	0.27	1		06/13/24 16:55	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	5.0	0.42	1		06/13/24 16:55	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	5.0	0.27	1		06/13/24 16:55	79-34-5	
Tetrachloroethene	ND	ug/L	5.0	0.36	1		06/13/24 16:55	127-18-4	
Toluene	ND	ug/L	5.0	0.31	1		06/13/24 16:55	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	5.0	0.79	1		06/13/24 16:55	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	5.0	0.54	1		06/13/24 16:55	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	5.0	0.45	1		06/13/24 16:55	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	5.0	0.31	1		06/13/24 16:55	79-00-5	

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### ANALYTICAL RESULTS

Project: Genesis Convention Center

Pace Project No.: 50375143

Sample: SB-4 Lab ID: 50375143004 Collected: 06/05/24 12:42 Received: 06/06/24 13:02 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260/5030 MSV</b>									
Analytical Method: EPA 8260									
Pace Analytical Services - Indianapolis									
Trichloroethene	ND	ug/L	5.0	0.36	1		06/13/24 16:55	79-01-6	
Trichlorofluoromethane	ND	ug/L	5.0	0.41	1		06/13/24 16:55	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	5.0	0.35	1		06/13/24 16:55	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/L	5.0	0.35	1		06/13/24 16:55	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/L	5.0	0.33	1		06/13/24 16:55	108-67-8	
Vinyl acetate	ND	ug/L	50.0	1.5	1		06/13/24 16:55	108-05-4	
Vinyl chloride	ND	ug/L	2.0	0.47	1		06/13/24 16:55	75-01-4	
Xylene (Total)	ND	ug/L	10.0	0.39	1		06/13/24 16:55	1330-20-7	
<b>Surrogates</b>									
Dibromofluoromethane (S)	99	%	82-128		1		06/13/24 16:55	1868-53-7	H1,HS, pH
4-Bromofluorobenzene (S)	99	%	79-124		1		06/13/24 16:55	460-00-4	
Toluene-d8 (S)	99	%	73-122		1		06/13/24 16:55	2037-26-5	

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## ANALYTICAL RESULTS

Project: Genesis Convention Center

Pace Project No.: 50375143

Sample: SB-5 Lab ID: 50375143005 Collected: 06/05/24 12:50 Received: 06/06/24 13:02 Matrix: Water

Parameters	Results	Units	Report			Prepared	Analyzed	CAS No.	Qual
			Limit	MDL	DF				
<b>6010 MET ICP, Lab Filtered</b>									
Analytical Method: EPA 6010 Preparation Method: EPA 3010									
Pace Analytical Services - Indianapolis									
Lead, Dissolved	ND	ug/L	10.0	4.0	1	06/18/24 08:46	06/18/24 10:38	7439-92-1	
<b>8270 PAH by 3511</b>									
Analytical Method: EPA 8270 by SIM 40E Preparation Method: EPA 3511									
Pace Analytical Services - Indianapolis									
Acenaphthene	ND	ug/L	0.98	0.092	1	06/11/24 11:18	06/11/24 21:23	83-32-9	
Acenaphthylene	ND	ug/L	0.98	0.072	1	06/11/24 11:18	06/11/24 21:23	208-96-8	L1
Anthracene	ND	ug/L	0.098	0.080	1	06/11/24 11:18	06/11/24 21:23	120-12-7	
Benzo(a)anthracene	ND	ug/L	0.098	0.064	1	06/11/24 11:18	06/11/24 21:23	56-55-3	
Benzo(a)pyrene	ND	ug/L	0.098	0.069	1	06/11/24 11:18	06/11/24 21:23	50-32-8	
Benzo(b)fluoranthene	ND	ug/L	0.098	0.064	1	06/11/24 11:18	06/11/24 21:23	205-99-2	
Benzo(g,h,i)perylene	ND	ug/L	0.098	0.089	1	06/11/24 11:18	06/11/24 21:23	191-24-2	
Benzo(k)fluoranthene	ND	ug/L	0.098	0.067	1	06/11/24 11:18	06/11/24 21:23	207-08-9	
Chrysene	ND	ug/L	0.49	0.060	1	06/11/24 11:18	06/11/24 21:23	218-01-9	
Dibenz(a,h)anthracene	ND	ug/L	0.098	0.075	1	06/11/24 11:18	06/11/24 21:23	53-70-3	
Fluoranthene	ND	ug/L	0.98	0.073	1	06/11/24 11:18	06/11/24 21:23	206-44-0	L1
Fluorene	ND	ug/L	0.98	0.094	1	06/11/24 11:18	06/11/24 21:23	86-73-7	
Indeno(1,2,3-cd)pyrene	ND	ug/L	0.098	0.057	1	06/11/24 11:18	06/11/24 21:23	193-39-5	
1-Methylnaphthalene	ND	ug/L	0.98	0.086	1	06/11/24 11:18	06/11/24 21:23	90-12-0	
2-Methylnaphthalene	ND	ug/L	0.98	0.096	1	06/11/24 11:18	06/11/24 21:23	91-57-6	
Naphthalene	ND	ug/L	0.98	0.40	1	06/11/24 11:18	06/11/24 21:23	91-20-3	
Phenanthrene	ND	ug/L	0.98	0.10	1	06/11/24 11:18	06/11/24 21:23	85-01-8	
Pyrene	ND	ug/L	0.98	0.097	1	06/11/24 11:18	06/11/24 21:23	129-00-0	
<b>Surrogates</b>									
2-Fluorobiphenyl (S)	88	%	43-129		1	06/11/24 11:18	06/11/24 21:23	321-60-8	
p-Terphenyl-d14 (S)	122	%	64-162		1	06/11/24 11:18	06/11/24 21:23	1718-51-0	
<b>8260/5030 MSV</b>									
Analytical Method: EPA 8260									
Pace Analytical Services - Indianapolis									
Acetone	ND	ug/L	100	3.5	1		06/13/24 17:23	67-64-1	
Acrolein	ND	ug/L	50.0	6.9	1		06/13/24 17:23	107-02-8	
Acrylonitrile	ND	ug/L	100	1.7	1		06/13/24 17:23	107-13-1	
Benzene	ND	ug/L	5.0	0.30	1		06/13/24 17:23	71-43-2	
Bromobenzene	ND	ug/L	5.0	0.40	1		06/13/24 17:23	108-86-1	
Bromochloromethane	ND	ug/L	5.0	0.32	1		06/13/24 17:23	74-97-5	
Bromodichloromethane	ND	ug/L	5.0	0.36	1		06/13/24 17:23	75-27-4	
Bromoform	ND	ug/L	5.0	0.61	1		06/13/24 17:23	75-25-2	
Bromomethane	ND	ug/L	5.0	2.5	1		06/13/24 17:23	74-83-9	
2-Butanone (MEK)	ND	ug/L	25.0	1.2	1		06/13/24 17:23	78-93-3	
n-Butylbenzene	ND	ug/L	5.0	0.36	1		06/13/24 17:23	104-51-8	
sec-Butylbenzene	ND	ug/L	5.0	0.34	1		06/13/24 17:23	135-98-8	
tert-Butylbenzene	ND	ug/L	5.0	0.36	1		06/13/24 17:23	98-06-6	
Carbon disulfide	ND	ug/L	10.0	0.36	1		06/13/24 17:23	75-15-0	
Carbon tetrachloride	ND	ug/L	5.0	0.50	1		06/13/24 17:23	56-23-5	
Chlorobenzene	ND	ug/L	5.0	0.29	1		06/13/24 17:23	108-90-7	
Chloroethane	ND	ug/L	5.0	0.62	1		06/13/24 17:23	75-00-3	

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## ANALYTICAL RESULTS

Project: Genesis Convention Center

Pace Project No.: 50375143

Sample: SB-5 Lab ID: 50375143005 Collected: 06/05/24 12:50 Received: 06/06/24 13:02 Matrix: Water

Parameters	Results	Units	Report			Prepared	Analyzed	CAS No.	Qual
			Limit	MDL	DF				
8260/5030 MSV									
Analytical Method: EPA 8260									
Pace Analytical Services - Indianapolis									
Chloroform	ND	ug/L	5.0	0.27	1		06/13/24 17:23	67-66-3	
Chloromethane	ND	ug/L	5.0	0.51	1		06/13/24 17:23	74-87-3	
2-Chlorotoluene	ND	ug/L	5.0	0.32	1		06/13/24 17:23	95-49-8	
4-Chlorotoluene	ND	ug/L	5.0	0.31	1		06/13/24 17:23	106-43-4	
Dibromochloromethane	ND	ug/L	5.0	0.42	1		06/13/24 17:23	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	5.0	0.28	1		06/13/24 17:23	106-93-4	
Dibromomethane	ND	ug/L	5.0	0.36	1		06/13/24 17:23	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	5.0	0.28	1		06/13/24 17:23	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	5.0	0.30	1		06/13/24 17:23	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	5.0	0.28	1		06/13/24 17:23	106-46-7	
trans-1,4-Dichloro-2-butene	ND	ug/L	100	0.41	1		06/13/24 17:23	110-57-6	
Dichlorodifluoromethane	ND	ug/L	5.0	0.79	1		06/13/24 17:23	75-71-8	
1,1-Dichloroethane	ND	ug/L	5.0	0.31	1		06/13/24 17:23	75-34-3	
1,2-Dichloroethane	ND	ug/L	5.0	0.24	1		06/13/24 17:23	107-06-2	
1,1-Dichloroethene	ND	ug/L	5.0	0.37	1		06/13/24 17:23	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	5.0	0.30	1		06/13/24 17:23	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	5.0	0.35	1		06/13/24 17:23	156-60-5	
1,2-Dichloropropane	ND	ug/L	5.0	0.27	1		06/13/24 17:23	78-87-5	
1,3-Dichloropropane	ND	ug/L	5.0	0.23	1		06/13/24 17:23	142-28-9	
2,2-Dichloropropane	ND	ug/L	5.0	0.93	1		06/13/24 17:23	594-20-7	
1,1-Dichloropropene	ND	ug/L	5.0	0.94	1		06/13/24 17:23	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	5.0	0.44	1		06/13/24 17:23	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	5.0	0.41	1		06/13/24 17:23	10061-02-6	
Ethylbenzene	ND	ug/L	5.0	0.34	1		06/13/24 17:23	100-41-4	
Ethyl methacrylate	ND	ug/L	100	0.33	1		06/13/24 17:23	97-63-2	
Hexachloro-1,3-butadiene	ND	ug/L	5.0	0.48	1		06/13/24 17:23	87-68-3	
n-Hexane	ND	ug/L	5.0	3.9	1		06/13/24 17:23	110-54-3	
2-Hexanone	ND	ug/L	25.0	1.7	1		06/13/24 17:23	591-78-6	
Iodomethane	ND	ug/L	10.0	0.76	1		06/13/24 17:23	74-88-4	
Isopropylbenzene (Cumene)	ND	ug/L	5.0	0.34	1		06/13/24 17:23	98-82-8	
p-Isopropyltoluene	ND	ug/L	5.0	0.36	1		06/13/24 17:23	99-87-6	
Methylene Chloride	ND	ug/L	5.0	1.6	1		06/13/24 17:23	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	25.0	1.5	1		06/13/24 17:23	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	4.0	0.24	1		06/13/24 17:23	1634-04-4	
Naphthalene	ND	ug/L	5.0	0.91	1		06/13/24 17:23	91-20-3	
n-Propylbenzene	ND	ug/L	5.0	0.32	1		06/13/24 17:23	103-65-1	
Styrene	ND	ug/L	5.0	0.27	1		06/13/24 17:23	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	5.0	0.42	1		06/13/24 17:23	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	5.0	0.27	1		06/13/24 17:23	79-34-5	
Tetrachloroethene	ND	ug/L	5.0	0.36	1		06/13/24 17:23	127-18-4	
Toluene	ND	ug/L	5.0	0.31	1		06/13/24 17:23	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	5.0	0.79	1		06/13/24 17:23	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	5.0	0.54	1		06/13/24 17:23	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	5.0	0.45	1		06/13/24 17:23	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	5.0	0.31	1		06/13/24 17:23	79-00-5	

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### ANALYTICAL RESULTS

Project: Genesis Convention Center

Pace Project No.: 50375143

Sample: SB-5 Lab ID: 50375143005 Collected: 06/05/24 12:50 Received: 06/06/24 13:02 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260/5030 MSV</b>									
Analytical Method: EPA 8260									
Pace Analytical Services - Indianapolis									
Trichloroethene	ND	ug/L	5.0	0.36	1		06/13/24 17:23	79-01-6	
Trichlorofluoromethane	ND	ug/L	5.0	0.41	1		06/13/24 17:23	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	5.0	0.35	1		06/13/24 17:23	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/L	5.0	0.35	1		06/13/24 17:23	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/L	5.0	0.33	1		06/13/24 17:23	108-67-8	
Vinyl acetate	ND	ug/L	50.0	1.5	1		06/13/24 17:23	108-05-4	
Vinyl chloride	ND	ug/L	2.0	0.47	1		06/13/24 17:23	75-01-4	
Xylene (Total)	ND	ug/L	10.0	0.39	1		06/13/24 17:23	1330-20-7	
<b>Surrogates</b>									
Dibromofluoromethane (S)	100	%	82-128		1		06/13/24 17:23	1868-53-7	
4-Bromofluorobenzene (S)	99	%	79-124		1		06/13/24 17:23	460-00-4	
Toluene-d8 (S)	99	%	73-122		1		06/13/24 17:23	2037-26-5	

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## ANALYTICAL RESULTS

Project: Genesis Convention Center

Pace Project No.: 50375143

Sample: SB-6 Lab ID: 50375143006 Collected: 06/05/24 13:04 Received: 06/06/24 13:02 Matrix: Water

Parameters	Results	Units	Report			Prepared	Analyzed	CAS No.	Qual
			Limit	MDL	DF				
<b>6010 MET ICP, Lab Filtered</b>									
Analytical Method: EPA 6010 Preparation Method: EPA 3010									
Pace Analytical Services - Indianapolis									
Lead, Dissolved	ND	ug/L	10.0	4.0	1	06/18/24 08:46	06/18/24 10:40	7439-92-1	
<b>8270 PAH by 3511</b>									
Analytical Method: EPA 8270 by SIM 40E Preparation Method: EPA 3511									
Pace Analytical Services - Indianapolis									
Acenaphthene	ND	ug/L	1.0	0.094	1	06/11/24 11:18	06/11/24 21:34	83-32-9	
Acenaphthylene	ND	ug/L	1.0	0.073	1	06/11/24 11:18	06/11/24 21:34	208-96-8	L1
Anthracene	ND	ug/L	0.10	0.081	1	06/11/24 11:18	06/11/24 21:34	120-12-7	
Benzo(a)anthracene	ND	ug/L	0.10	0.065	1	06/11/24 11:18	06/11/24 21:34	56-55-3	
Benzo(a)pyrene	ND	ug/L	0.10	0.070	1	06/11/24 11:18	06/11/24 21:34	50-32-8	
Benzo(b)fluoranthene	ND	ug/L	0.10	0.065	1	06/11/24 11:18	06/11/24 21:34	205-99-2	
Benzo(g,h,i)perylene	ND	ug/L	0.10	0.091	1	06/11/24 11:18	06/11/24 21:34	191-24-2	
Benzo(k)fluoranthene	ND	ug/L	0.10	0.068	1	06/11/24 11:18	06/11/24 21:34	207-08-9	
Chrysene	ND	ug/L	0.50	0.061	1	06/11/24 11:18	06/11/24 21:34	218-01-9	
Dibenz(a,h)anthracene	ND	ug/L	0.10	0.076	1	06/11/24 11:18	06/11/24 21:34	53-70-3	
Fluoranthene	ND	ug/L	1.0	0.074	1	06/11/24 11:18	06/11/24 21:34	206-44-0	L1
Fluorene	ND	ug/L	1.0	0.096	1	06/11/24 11:18	06/11/24 21:34	86-73-7	
Indeno(1,2,3-cd)pyrene	ND	ug/L	0.10	0.058	1	06/11/24 11:18	06/11/24 21:34	193-39-5	
1-Methylnaphthalene	ND	ug/L	1.0	0.087	1	06/11/24 11:18	06/11/24 21:34	90-12-0	
2-Methylnaphthalene	ND	ug/L	1.0	0.098	1	06/11/24 11:18	06/11/24 21:34	91-57-6	
Naphthalene	ND	ug/L	1.0	0.41	1	06/11/24 11:18	06/11/24 21:34	91-20-3	
Phenanthrene	ND	ug/L	1.0	0.10	1	06/11/24 11:18	06/11/24 21:34	85-01-8	
Pyrene	ND	ug/L	1.0	0.099	1	06/11/24 11:18	06/11/24 21:34	129-00-0	
<b>Surrogates</b>									
2-Fluorobiphenyl (S)	74	%	43-129		1	06/11/24 11:18	06/11/24 21:34	321-60-8	
p-Terphenyl-d14 (S)	116	%	64-162		1	06/11/24 11:18	06/11/24 21:34	1718-51-0	
<b>8260/5030 MSV</b>									
Analytical Method: EPA 8260									
Pace Analytical Services - Indianapolis									
Acetone	ND	ug/L	100	3.5	1		06/13/24 17:51	67-64-1	
Acrolein	ND	ug/L	50.0	6.9	1		06/13/24 17:51	107-02-8	
Acrylonitrile	ND	ug/L	100	1.7	1		06/13/24 17:51	107-13-1	
Benzene	ND	ug/L	5.0	0.30	1		06/13/24 17:51	71-43-2	
Bromobenzene	ND	ug/L	5.0	0.40	1		06/13/24 17:51	108-86-1	
Bromochloromethane	ND	ug/L	5.0	0.32	1		06/13/24 17:51	74-97-5	
Bromodichloromethane	ND	ug/L	5.0	0.36	1		06/13/24 17:51	75-27-4	
Bromoform	ND	ug/L	5.0	0.61	1		06/13/24 17:51	75-25-2	
Bromomethane	ND	ug/L	5.0	2.5	1		06/13/24 17:51	74-83-9	
2-Butanone (MEK)	ND	ug/L	25.0	1.2	1		06/13/24 17:51	78-93-3	
n-Butylbenzene	ND	ug/L	5.0	0.36	1		06/13/24 17:51	104-51-8	
sec-Butylbenzene	ND	ug/L	5.0	0.34	1		06/13/24 17:51	135-98-8	
tert-Butylbenzene	ND	ug/L	5.0	0.36	1		06/13/24 17:51	98-06-6	
Carbon disulfide	ND	ug/L	10.0	0.36	1		06/13/24 17:51	75-15-0	
Carbon tetrachloride	ND	ug/L	5.0	0.50	1		06/13/24 17:51	56-23-5	
Chlorobenzene	ND	ug/L	5.0	0.29	1		06/13/24 17:51	108-90-7	
Chloroethane	ND	ug/L	5.0	0.62	1		06/13/24 17:51	75-00-3	

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## ANALYTICAL RESULTS

Project: Genesis Convention Center

Pace Project No.: 50375143

Sample: SB-6 Lab ID: 50375143006 Collected: 06/05/24 13:04 Received: 06/06/24 13:02 Matrix: Water

Parameters	Results	Units	Report			Prepared	Analyzed	CAS No.	Qual
			Limit	MDL	DF				
8260/5030 MSV									
Analytical Method: EPA 8260									
Pace Analytical Services - Indianapolis									
Chloroform	ND	ug/L	5.0	0.27	1		06/13/24 17:51	67-66-3	
Chloromethane	ND	ug/L	5.0	0.51	1		06/13/24 17:51	74-87-3	
2-Chlorotoluene	ND	ug/L	5.0	0.32	1		06/13/24 17:51	95-49-8	
4-Chlorotoluene	ND	ug/L	5.0	0.31	1		06/13/24 17:51	106-43-4	
Dibromochloromethane	ND	ug/L	5.0	0.42	1		06/13/24 17:51	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	5.0	0.28	1		06/13/24 17:51	106-93-4	
Dibromomethane	ND	ug/L	5.0	0.36	1		06/13/24 17:51	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	5.0	0.28	1		06/13/24 17:51	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	5.0	0.30	1		06/13/24 17:51	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	5.0	0.28	1		06/13/24 17:51	106-46-7	
trans-1,4-Dichloro-2-butene	ND	ug/L	100	0.41	1		06/13/24 17:51	110-57-6	
Dichlorodifluoromethane	ND	ug/L	5.0	0.79	1		06/13/24 17:51	75-71-8	
1,1-Dichloroethane	ND	ug/L	5.0	0.31	1		06/13/24 17:51	75-34-3	
1,2-Dichloroethane	ND	ug/L	5.0	0.24	1		06/13/24 17:51	107-06-2	
1,1-Dichloroethene	ND	ug/L	5.0	0.37	1		06/13/24 17:51	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	5.0	0.30	1		06/13/24 17:51	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	5.0	0.35	1		06/13/24 17:51	156-60-5	
1,2-Dichloropropane	ND	ug/L	5.0	0.27	1		06/13/24 17:51	78-87-5	
1,3-Dichloropropane	ND	ug/L	5.0	0.23	1		06/13/24 17:51	142-28-9	
2,2-Dichloropropane	ND	ug/L	5.0	0.93	1		06/13/24 17:51	594-20-7	
1,1-Dichloropropene	ND	ug/L	5.0	0.94	1		06/13/24 17:51	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	5.0	0.44	1		06/13/24 17:51	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	5.0	0.41	1		06/13/24 17:51	10061-02-6	
Ethylbenzene	ND	ug/L	5.0	0.34	1		06/13/24 17:51	100-41-4	
Ethyl methacrylate	ND	ug/L	100	0.33	1		06/13/24 17:51	97-63-2	
Hexachloro-1,3-butadiene	ND	ug/L	5.0	0.48	1		06/13/24 17:51	87-68-3	
n-Hexane	ND	ug/L	5.0	3.9	1		06/13/24 17:51	110-54-3	
2-Hexanone	ND	ug/L	25.0	1.7	1		06/13/24 17:51	591-78-6	
Iodomethane	ND	ug/L	10.0	0.76	1		06/13/24 17:51	74-88-4	
Isopropylbenzene (Cumene)	ND	ug/L	5.0	0.34	1		06/13/24 17:51	98-82-8	
p-Isopropyltoluene	ND	ug/L	5.0	0.36	1		06/13/24 17:51	99-87-6	
Methylene Chloride	ND	ug/L	5.0	1.6	1		06/13/24 17:51	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	25.0	1.5	1		06/13/24 17:51	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	4.0	0.24	1		06/13/24 17:51	1634-04-4	
Naphthalene	ND	ug/L	5.0	0.91	1		06/13/24 17:51	91-20-3	
n-Propylbenzene	ND	ug/L	5.0	0.32	1		06/13/24 17:51	103-65-1	
Styrene	ND	ug/L	5.0	0.27	1		06/13/24 17:51	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	5.0	0.42	1		06/13/24 17:51	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	5.0	0.27	1		06/13/24 17:51	79-34-5	
Tetrachloroethene	ND	ug/L	5.0	0.36	1		06/13/24 17:51	127-18-4	
Toluene	ND	ug/L	5.0	0.31	1		06/13/24 17:51	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	5.0	0.79	1		06/13/24 17:51	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	5.0	0.54	1		06/13/24 17:51	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	5.0	0.45	1		06/13/24 17:51	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	5.0	0.31	1		06/13/24 17:51	79-00-5	

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**ANALYTICAL RESULTS**

Project: Genesis Convention Center

Pace Project No.: 50375143

**Sample: SB-6**      **Lab ID: 50375143006**      Collected: 06/05/24 13:04      Received: 06/06/24 13:02      Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260/5030 MSV</b>									
Analytical Method: EPA 8260									
Pace Analytical Services - Indianapolis									
Trichloroethene	ND	ug/L	5.0	0.36	1		06/13/24 17:51	79-01-6	
Trichlorofluoromethane	ND	ug/L	5.0	0.41	1		06/13/24 17:51	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	5.0	0.35	1		06/13/24 17:51	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/L	5.0	0.35	1		06/13/24 17:51	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/L	5.0	0.33	1		06/13/24 17:51	108-67-8	
Vinyl acetate	ND	ug/L	50.0	1.5	1		06/13/24 17:51	108-05-4	
Vinyl chloride	ND	ug/L	2.0	0.47	1		06/13/24 17:51	75-01-4	
Xylene (Total)	ND	ug/L	10.0	0.39	1		06/13/24 17:51	1330-20-7	
<b>Surrogates</b>									
Dibromofluoromethane (S)	99	%	82-128		1		06/13/24 17:51	1868-53-7	H1,HS, pH
4-Bromofluorobenzene (S)	100	%	79-124		1		06/13/24 17:51	460-00-4	
Toluene-d8 (S)	99	%	73-122		1		06/13/24 17:51	2037-26-5	

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## ANALYTICAL RESULTS

Project: Genesis Convention Center

Pace Project No.: 50375143

Sample: SB-7 Lab ID: 50375143007 Collected: 06/05/24 13:15 Received: 06/06/24 13:02 Matrix: Water

Parameters	Results	Units	Report			Prepared	Analyzed	CAS No.	Qual
			Limit	MDL	DF				
<b>6010 MET ICP, Lab Filtered</b>									
Analytical Method: EPA 6010 Preparation Method: EPA 3010									
Pace Analytical Services - Indianapolis									
Lead, Dissolved	ND	ug/L	10.0	4.0	1	06/18/24 08:46	06/18/24 10:41	7439-92-1	
<b>8270 PAH by 3511</b>									
Analytical Method: EPA 8270 by SIM 40E Preparation Method: EPA 3511									
Pace Analytical Services - Indianapolis									
Acenaphthene	ND	ug/L	1.0	0.094	1	06/11/24 11:18	06/11/24 21:45	83-32-9	
Acenaphthylene	ND	ug/L	1.0	0.073	1	06/11/24 11:18	06/11/24 21:45	208-96-8	L1
Anthracene	ND	ug/L	0.10	0.081	1	06/11/24 11:18	06/11/24 21:45	120-12-7	
Benzo(a)anthracene	0.12	ug/L	0.10	0.065	1	06/11/24 11:18	06/11/24 21:45	56-55-3	
Benzo(a)pyrene	ND	ug/L	0.10	0.070	1	06/11/24 11:18	06/11/24 21:45	50-32-8	
Benzo(b)fluoranthene	0.13	ug/L	0.10	0.065	1	06/11/24 11:18	06/11/24 21:45	205-99-2	
Benzo(g,h,i)perylene	ND	ug/L	0.10	0.091	1	06/11/24 11:18	06/11/24 21:45	191-24-2	
Benzo(k)fluoranthene	ND	ug/L	0.10	0.068	1	06/11/24 11:18	06/11/24 21:45	207-08-9	
Chrysene	ND	ug/L	0.50	0.061	1	06/11/24 11:18	06/11/24 21:45	218-01-9	
Dibenz(a,h)anthracene	ND	ug/L	0.10	0.076	1	06/11/24 11:18	06/11/24 21:45	53-70-3	
Fluoranthene	ND	ug/L	1.0	0.074	1	06/11/24 11:18	06/11/24 21:45	206-44-0	L1
Fluorene	ND	ug/L	1.0	0.096	1	06/11/24 11:18	06/11/24 21:45	86-73-7	
Indeno(1,2,3-cd)pyrene	ND	ug/L	0.10	0.058	1	06/11/24 11:18	06/11/24 21:45	193-39-5	
1-Methylnaphthalene	ND	ug/L	1.0	0.087	1	06/11/24 11:18	06/11/24 21:45	90-12-0	
2-Methylnaphthalene	ND	ug/L	1.0	0.098	1	06/11/24 11:18	06/11/24 21:45	91-57-6	
Naphthalene	ND	ug/L	1.0	0.41	1	06/11/24 11:18	06/11/24 21:45	91-20-3	
Phenanthrene	ND	ug/L	1.0	0.10	1	06/11/24 11:18	06/11/24 21:45	85-01-8	
Pyrene	ND	ug/L	1.0	0.099	1	06/11/24 11:18	06/11/24 21:45	129-00-0	
<b>Surrogates</b>									
2-Fluorobiphenyl (S)	94	%	43-129		1	06/11/24 11:18	06/11/24 21:45	321-60-8	
p-Terphenyl-d14 (S)	121	%	64-162		1	06/11/24 11:18	06/11/24 21:45	1718-51-0	
<b>8260/5030 MSV</b>									
Analytical Method: EPA 8260									
Pace Analytical Services - Indianapolis									
Acetone	ND	ug/L	100	3.5	1		06/13/24 18:19	67-64-1	
Acrolein	ND	ug/L	50.0	6.9	1		06/13/24 18:19	107-02-8	
Acrylonitrile	ND	ug/L	100	1.7	1		06/13/24 18:19	107-13-1	
Benzene	ND	ug/L	5.0	0.30	1		06/13/24 18:19	71-43-2	
Bromobenzene	ND	ug/L	5.0	0.40	1		06/13/24 18:19	108-86-1	
Bromochloromethane	ND	ug/L	5.0	0.32	1		06/13/24 18:19	74-97-5	
Bromodichloromethane	ND	ug/L	5.0	0.36	1		06/13/24 18:19	75-27-4	
Bromoform	ND	ug/L	5.0	0.61	1		06/13/24 18:19	75-25-2	
Bromomethane	ND	ug/L	5.0	2.5	1		06/13/24 18:19	74-83-9	
2-Butanone (MEK)	ND	ug/L	25.0	1.2	1		06/13/24 18:19	78-93-3	
n-Butylbenzene	ND	ug/L	5.0	0.36	1		06/13/24 18:19	104-51-8	
sec-Butylbenzene	ND	ug/L	5.0	0.34	1		06/13/24 18:19	135-98-8	
tert-Butylbenzene	ND	ug/L	5.0	0.36	1		06/13/24 18:19	98-06-6	
Carbon disulfide	ND	ug/L	10.0	0.36	1		06/13/24 18:19	75-15-0	
Carbon tetrachloride	ND	ug/L	5.0	0.50	1		06/13/24 18:19	56-23-5	
Chlorobenzene	ND	ug/L	5.0	0.29	1		06/13/24 18:19	108-90-7	
Chloroethane	ND	ug/L	5.0	0.62	1		06/13/24 18:19	75-00-3	

## REPORT OF LABORATORY ANALYSIS

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## ANALYTICAL RESULTS

Project: Genesis Convention Center

Pace Project No.: 50375143

Sample: SB-7 Lab ID: 50375143007 Collected: 06/05/24 13:15 Received: 06/06/24 13:02 Matrix: Water

Parameters	Results	Units	Report			Prepared	Analyzed	CAS No.	Qual
			Limit	MDL	DF				
8260/5030 MSV									
Analytical Method: EPA 8260									
Pace Analytical Services - Indianapolis									
Chloroform	ND	ug/L	5.0	0.27	1		06/13/24 18:19	67-66-3	
Chloromethane	ND	ug/L	5.0	0.51	1		06/13/24 18:19	74-87-3	
2-Chlorotoluene	ND	ug/L	5.0	0.32	1		06/13/24 18:19	95-49-8	
4-Chlorotoluene	ND	ug/L	5.0	0.31	1		06/13/24 18:19	106-43-4	
Dibromochloromethane	ND	ug/L	5.0	0.42	1		06/13/24 18:19	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	5.0	0.28	1		06/13/24 18:19	106-93-4	
Dibromomethane	ND	ug/L	5.0	0.36	1		06/13/24 18:19	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	5.0	0.28	1		06/13/24 18:19	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	5.0	0.30	1		06/13/24 18:19	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	5.0	0.28	1		06/13/24 18:19	106-46-7	
trans-1,4-Dichloro-2-butene	ND	ug/L	100	0.41	1		06/13/24 18:19	110-57-6	
Dichlorodifluoromethane	ND	ug/L	5.0	0.79	1		06/13/24 18:19	75-71-8	
1,1-Dichloroethane	ND	ug/L	5.0	0.31	1		06/13/24 18:19	75-34-3	
1,2-Dichloroethane	ND	ug/L	5.0	0.24	1		06/13/24 18:19	107-06-2	
1,1-Dichloroethene	ND	ug/L	5.0	0.37	1		06/13/24 18:19	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	5.0	0.30	1		06/13/24 18:19	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	5.0	0.35	1		06/13/24 18:19	156-60-5	
1,2-Dichloropropane	ND	ug/L	5.0	0.27	1		06/13/24 18:19	78-87-5	
1,3-Dichloropropane	ND	ug/L	5.0	0.23	1		06/13/24 18:19	142-28-9	
2,2-Dichloropropane	ND	ug/L	5.0	0.93	1		06/13/24 18:19	594-20-7	
1,1-Dichloropropene	ND	ug/L	5.0	0.94	1		06/13/24 18:19	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	5.0	0.44	1		06/13/24 18:19	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	5.0	0.41	1		06/13/24 18:19	10061-02-6	
Ethylbenzene	ND	ug/L	5.0	0.34	1		06/13/24 18:19	100-41-4	
Ethyl methacrylate	ND	ug/L	100	0.33	1		06/13/24 18:19	97-63-2	
Hexachloro-1,3-butadiene	ND	ug/L	5.0	0.48	1		06/13/24 18:19	87-68-3	
n-Hexane	ND	ug/L	5.0	3.9	1		06/13/24 18:19	110-54-3	
2-Hexanone	ND	ug/L	25.0	1.7	1		06/13/24 18:19	591-78-6	
Iodomethane	ND	ug/L	10.0	0.76	1		06/13/24 18:19	74-88-4	
Isopropylbenzene (Cumene)	ND	ug/L	5.0	0.34	1		06/13/24 18:19	98-82-8	
p-Isopropyltoluene	ND	ug/L	5.0	0.36	1		06/13/24 18:19	99-87-6	
Methylene Chloride	ND	ug/L	5.0	1.6	1		06/13/24 18:19	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	25.0	1.5	1		06/13/24 18:19	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	4.0	0.24	1		06/13/24 18:19	1634-04-4	
Naphthalene	ND	ug/L	5.0	0.91	1		06/13/24 18:19	91-20-3	
n-Propylbenzene	ND	ug/L	5.0	0.32	1		06/13/24 18:19	103-65-1	
Styrene	ND	ug/L	5.0	0.27	1		06/13/24 18:19	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	5.0	0.42	1		06/13/24 18:19	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	5.0	0.27	1		06/13/24 18:19	79-34-5	
Tetrachloroethene	ND	ug/L	5.0	0.36	1		06/13/24 18:19	127-18-4	
Toluene	ND	ug/L	5.0	0.31	1		06/13/24 18:19	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	5.0	0.79	1		06/13/24 18:19	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	5.0	0.54	1		06/13/24 18:19	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	5.0	0.45	1		06/13/24 18:19	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	5.0	0.31	1		06/13/24 18:19	79-00-5	

## REPORT OF LABORATORY ANALYSIS

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### ANALYTICAL RESULTS

Project: Genesis Convention Center

Pace Project No.: 50375143

Sample: SB-7 Lab ID: 50375143007 Collected: 06/05/24 13:15 Received: 06/06/24 13:02 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260/5030 MSV</b>									
Analytical Method: EPA 8260									
Pace Analytical Services - Indianapolis									
Trichloroethene	ND	ug/L	5.0	0.36	1		06/13/24 18:19	79-01-6	
Trichlorofluoromethane	ND	ug/L	5.0	0.41	1		06/13/24 18:19	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	5.0	0.35	1		06/13/24 18:19	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/L	5.0	0.35	1		06/13/24 18:19	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/L	5.0	0.33	1		06/13/24 18:19	108-67-8	
Vinyl acetate	ND	ug/L	50.0	1.5	1		06/13/24 18:19	108-05-4	
Vinyl chloride	ND	ug/L	2.0	0.47	1		06/13/24 18:19	75-01-4	
Xylene (Total)	ND	ug/L	10.0	0.39	1		06/13/24 18:19	1330-20-7	
<b>Surrogates</b>									
Dibromofluoromethane (S)	100	%	82-128		1		06/13/24 18:19	1868-53-7	H1,pH
4-Bromofluorobenzene (S)	99	%	79-124		1		06/13/24 18:19	460-00-4	
Toluene-d8 (S)	100	%	73-122		1		06/13/24 18:19	2037-26-5	

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## ANALYTICAL RESULTS

Project: Genesis Convention Center

Pace Project No.: 50375143

Sample: SB-8 Lab ID: 50375143008 Collected: 06/05/24 13:38 Received: 06/06/24 13:02 Matrix: Water

Parameters	Results	Units	Report			Prepared	Analyzed	CAS No.	Qual
			Limit	MDL	DF				
<b>6010 MET ICP, Lab Filtered</b>									
Analytical Method: EPA 6010 Preparation Method: EPA 3010									
Pace Analytical Services - Indianapolis									
Lead, Dissolved	ND	ug/L	10.0	4.0	1	06/18/24 08:46	06/18/24 10:43	7439-92-1	
<b>8270 PAH by 3511</b>									
Analytical Method: EPA 8270 by SIM 40E Preparation Method: EPA 3511									
Pace Analytical Services - Indianapolis									
Acenaphthene	ND	ug/L	0.98	0.092	1	06/11/24 11:28	06/11/24 22:28	83-32-9	
Acenaphthylene	ND	ug/L	0.98	0.072	1	06/11/24 11:28	06/11/24 22:28	208-96-8	L1
Anthracene	ND	ug/L	0.098	0.079	1	06/11/24 11:28	06/11/24 22:28	120-12-7	
Benzo(a)anthracene	ND	ug/L	0.098	0.064	1	06/11/24 11:28	06/11/24 22:28	56-55-3	
Benzo(a)pyrene	ND	ug/L	0.098	0.069	1	06/11/24 11:28	06/11/24 22:28	50-32-8	L1
Benzo(b)fluoranthene	ND	ug/L	0.098	0.064	1	06/11/24 11:28	06/11/24 22:28	205-99-2	
Benzo(g,h,i)perylene	ND	ug/L	0.098	0.089	1	06/11/24 11:28	06/11/24 22:28	191-24-2	
Benzo(k)fluoranthene	ND	ug/L	0.098	0.067	1	06/11/24 11:28	06/11/24 22:28	207-08-9	
Chrysene	ND	ug/L	0.49	0.060	1	06/11/24 11:28	06/11/24 22:28	218-01-9	L1
Dibenz(a,h)anthracene	ND	ug/L	0.098	0.075	1	06/11/24 11:28	06/11/24 22:28	53-70-3	
Fluoranthene	ND	ug/L	0.98	0.073	1	06/11/24 11:28	06/11/24 22:28	206-44-0	L1
Fluorene	ND	ug/L	0.98	0.094	1	06/11/24 11:28	06/11/24 22:28	86-73-7	
Indeno(1,2,3-cd)pyrene	ND	ug/L	0.098	0.057	1	06/11/24 11:28	06/11/24 22:28	193-39-5	
1-Methylnaphthalene	ND	ug/L	0.98	0.085	1	06/11/24 11:28	06/11/24 22:28	90-12-0	
2-Methylnaphthalene	ND	ug/L	0.98	0.096	1	06/11/24 11:28	06/11/24 22:28	91-57-6	
Naphthalene	ND	ug/L	0.98	0.40	1	06/11/24 11:28	06/11/24 22:28	91-20-3	
Phenanthrene	ND	ug/L	0.98	0.10	1	06/11/24 11:28	06/11/24 22:28	85-01-8	L1
Pyrene	ND	ug/L	0.98	0.097	1	06/11/24 11:28	06/11/24 22:28	129-00-0	L1
<b>Surrogates</b>									
2-Fluorobiphenyl (S)	80	%	43-129		1	06/11/24 11:28	06/11/24 22:28	321-60-8	
p-Terphenyl-d14 (S)	133	%	64-162		1	06/11/24 11:28	06/11/24 22:28	1718-51-0	
<b>8260/5030 MSV</b>									
Analytical Method: EPA 8260									
Pace Analytical Services - Indianapolis									
Acetone	ND	ug/L	100	3.5	1		06/13/24 18:47	67-64-1	
Acrolein	ND	ug/L	50.0	6.9	1		06/13/24 18:47	107-02-8	
Acrylonitrile	ND	ug/L	100	1.7	1		06/13/24 18:47	107-13-1	
Benzene	ND	ug/L	5.0	0.30	1		06/13/24 18:47	71-43-2	
Bromobenzene	ND	ug/L	5.0	0.40	1		06/13/24 18:47	108-86-1	
Bromochloromethane	ND	ug/L	5.0	0.32	1		06/13/24 18:47	74-97-5	
Bromodichloromethane	ND	ug/L	5.0	0.36	1		06/13/24 18:47	75-27-4	
Bromoform	ND	ug/L	5.0	0.61	1		06/13/24 18:47	75-25-2	
Bromomethane	ND	ug/L	5.0	2.5	1		06/13/24 18:47	74-83-9	
2-Butanone (MEK)	ND	ug/L	25.0	1.2	1		06/13/24 18:47	78-93-3	
n-Butylbenzene	ND	ug/L	5.0	0.36	1		06/13/24 18:47	104-51-8	
sec-Butylbenzene	ND	ug/L	5.0	0.34	1		06/13/24 18:47	135-98-8	
tert-Butylbenzene	ND	ug/L	5.0	0.36	1		06/13/24 18:47	98-06-6	
Carbon disulfide	ND	ug/L	10.0	0.36	1		06/13/24 18:47	75-15-0	
Carbon tetrachloride	ND	ug/L	5.0	0.50	1		06/13/24 18:47	56-23-5	
Chlorobenzene	ND	ug/L	5.0	0.29	1		06/13/24 18:47	108-90-7	
Chloroethane	ND	ug/L	5.0	0.62	1		06/13/24 18:47	75-00-3	

## REPORT OF LABORATORY ANALYSIS

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## ANALYTICAL RESULTS

Project: Genesis Convention Center

Pace Project No.: 50375143

Sample: SB-8 Lab ID: 50375143008 Collected: 06/05/24 13:38 Received: 06/06/24 13:02 Matrix: Water

Parameters	Results	Units	Report			Prepared	Analyzed	CAS No.	Qual
			Limit	MDL	DF				
8260/5030 MSV									
Analytical Method: EPA 8260									
Pace Analytical Services - Indianapolis									
Chloroform	ND	ug/L	5.0	0.27	1		06/13/24 18:47	67-66-3	
Chloromethane	ND	ug/L	5.0	0.51	1		06/13/24 18:47	74-87-3	
2-Chlorotoluene	ND	ug/L	5.0	0.32	1		06/13/24 18:47	95-49-8	
4-Chlorotoluene	ND	ug/L	5.0	0.31	1		06/13/24 18:47	106-43-4	
Dibromochloromethane	ND	ug/L	5.0	0.42	1		06/13/24 18:47	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	5.0	0.28	1		06/13/24 18:47	106-93-4	
Dibromomethane	ND	ug/L	5.0	0.36	1		06/13/24 18:47	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	5.0	0.28	1		06/13/24 18:47	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	5.0	0.30	1		06/13/24 18:47	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	5.0	0.28	1		06/13/24 18:47	106-46-7	
trans-1,4-Dichloro-2-butene	ND	ug/L	100	0.41	1		06/13/24 18:47	110-57-6	
Dichlorodifluoromethane	ND	ug/L	5.0	0.79	1		06/13/24 18:47	75-71-8	
1,1-Dichloroethane	ND	ug/L	5.0	0.31	1		06/13/24 18:47	75-34-3	
1,2-Dichloroethane	ND	ug/L	5.0	0.24	1		06/13/24 18:47	107-06-2	
1,1-Dichloroethene	ND	ug/L	5.0	0.37	1		06/13/24 18:47	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	5.0	0.30	1		06/13/24 18:47	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	5.0	0.35	1		06/13/24 18:47	156-60-5	
1,2-Dichloropropane	ND	ug/L	5.0	0.27	1		06/13/24 18:47	78-87-5	
1,3-Dichloropropane	ND	ug/L	5.0	0.23	1		06/13/24 18:47	142-28-9	
2,2-Dichloropropane	ND	ug/L	5.0	0.93	1		06/13/24 18:47	594-20-7	
1,1-Dichloropropene	ND	ug/L	5.0	0.94	1		06/13/24 18:47	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	5.0	0.44	1		06/13/24 18:47	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	5.0	0.41	1		06/13/24 18:47	10061-02-6	
Ethylbenzene	ND	ug/L	5.0	0.34	1		06/13/24 18:47	100-41-4	
Ethyl methacrylate	ND	ug/L	100	0.33	1		06/13/24 18:47	97-63-2	
Hexachloro-1,3-butadiene	ND	ug/L	5.0	0.48	1		06/13/24 18:47	87-68-3	
n-Hexane	ND	ug/L	5.0	3.9	1		06/13/24 18:47	110-54-3	
2-Hexanone	ND	ug/L	25.0	1.7	1		06/13/24 18:47	591-78-6	
Iodomethane	ND	ug/L	10.0	0.76	1		06/13/24 18:47	74-88-4	
Isopropylbenzene (Cumene)	ND	ug/L	5.0	0.34	1		06/13/24 18:47	98-82-8	
p-Isopropyltoluene	ND	ug/L	5.0	0.36	1		06/13/24 18:47	99-87-6	
Methylene Chloride	ND	ug/L	5.0	1.6	1		06/13/24 18:47	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	25.0	1.5	1		06/13/24 18:47	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	4.0	0.24	1		06/13/24 18:47	1634-04-4	
Naphthalene	ND	ug/L	5.0	0.91	1		06/13/24 18:47	91-20-3	
n-Propylbenzene	ND	ug/L	5.0	0.32	1		06/13/24 18:47	103-65-1	
Styrene	ND	ug/L	5.0	0.27	1		06/13/24 18:47	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	5.0	0.42	1		06/13/24 18:47	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	5.0	0.27	1		06/13/24 18:47	79-34-5	
Tetrachloroethene	ND	ug/L	5.0	0.36	1		06/13/24 18:47	127-18-4	
Toluene	ND	ug/L	5.0	0.31	1		06/13/24 18:47	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	5.0	0.79	1		06/13/24 18:47	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	5.0	0.54	1		06/13/24 18:47	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	5.0	0.45	1		06/13/24 18:47	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	5.0	0.31	1		06/13/24 18:47	79-00-5	

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### ANALYTICAL RESULTS

Project: Genesis Convention Center

Pace Project No.: 50375143

Sample: SB-8 Lab ID: 50375143008 Collected: 06/05/24 13:38 Received: 06/06/24 13:02 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260/5030 MSV</b>									
Analytical Method: EPA 8260									
Pace Analytical Services - Indianapolis									
Trichloroethene	ND	ug/L	5.0	0.36	1		06/13/24 18:47	79-01-6	
Trichlorofluoromethane	ND	ug/L	5.0	0.41	1		06/13/24 18:47	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	5.0	0.35	1		06/13/24 18:47	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/L	5.0	0.35	1		06/13/24 18:47	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/L	5.0	0.33	1		06/13/24 18:47	108-67-8	
Vinyl acetate	ND	ug/L	50.0	1.5	1		06/13/24 18:47	108-05-4	
Vinyl chloride	ND	ug/L	2.0	0.47	1		06/13/24 18:47	75-01-4	
Xylene (Total)	ND	ug/L	10.0	0.39	1		06/13/24 18:47	1330-20-7	
<b>Surrogates</b>									
Dibromofluoromethane (S)	99	%	82-128		1		06/13/24 18:47	1868-53-7	
4-Bromofluorobenzene (S)	98	%	79-124		1		06/13/24 18:47	460-00-4	
Toluene-d8 (S)	99	%	73-122		1		06/13/24 18:47	2037-26-5	

### REPORT OF LABORATORY ANALYSIS

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## ANALYTICAL RESULTS

Project: Genesis Convention Center

Pace Project No.: 50375143

Sample: SB-9 Lab ID: 50375143009 Collected: 06/05/24 13:49 Received: 06/06/24 13:02 Matrix: Water

Parameters	Results	Units	Report			Prepared	Analyzed	CAS No.	Qual
			Limit	MDL	DF				
<b>6010 MET ICP, Lab Filtered</b>									
Analytical Method: EPA 6010 Preparation Method: EPA 3010									
Pace Analytical Services - Indianapolis									
Lead, Dissolved	ND	ug/L	10.0	4.0	1	06/18/24 08:46	06/18/24 10:49	7439-92-1	
<b>8270 PAH by 3511</b>									
Analytical Method: EPA 8270 by SIM 40E Preparation Method: EPA 3511									
Pace Analytical Services - Indianapolis									
Acenaphthene	ND	ug/L	1.0	0.094	1	06/11/24 11:28	06/11/24 22:38	83-32-9	
Acenaphthylene	ND	ug/L	1.0	0.073	1	06/11/24 11:28	06/11/24 22:38	208-96-8	L1
Anthracene	ND	ug/L	0.10	0.081	1	06/11/24 11:28	06/11/24 22:38	120-12-7	
Benzo(a)anthracene	ND	ug/L	0.10	0.065	1	06/11/24 11:28	06/11/24 22:38	56-55-3	
Benzo(a)pyrene	ND	ug/L	0.10	0.070	1	06/11/24 11:28	06/11/24 22:38	50-32-8	L1
Benzo(b)fluoranthene	ND	ug/L	0.10	0.065	1	06/11/24 11:28	06/11/24 22:38	205-99-2	
Benzo(g,h,i)perylene	ND	ug/L	0.10	0.091	1	06/11/24 11:28	06/11/24 22:38	191-24-2	
Benzo(k)fluoranthene	ND	ug/L	0.10	0.068	1	06/11/24 11:28	06/11/24 22:38	207-08-9	
Chrysene	ND	ug/L	0.50	0.061	1	06/11/24 11:28	06/11/24 22:38	218-01-9	L1
Dibenz(a,h)anthracene	ND	ug/L	0.10	0.076	1	06/11/24 11:28	06/11/24 22:38	53-70-3	
Fluoranthene	ND	ug/L	1.0	0.074	1	06/11/24 11:28	06/11/24 22:38	206-44-0	L1
Fluorene	ND	ug/L	1.0	0.096	1	06/11/24 11:28	06/11/24 22:38	86-73-7	
Indeno(1,2,3-cd)pyrene	ND	ug/L	0.10	0.058	1	06/11/24 11:28	06/11/24 22:38	193-39-5	
1-Methylnaphthalene	ND	ug/L	1.0	0.087	1	06/11/24 11:28	06/11/24 22:38	90-12-0	
2-Methylnaphthalene	ND	ug/L	1.0	0.098	1	06/11/24 11:28	06/11/24 22:38	91-57-6	
Naphthalene	ND	ug/L	1.0	0.41	1	06/11/24 11:28	06/11/24 22:38	91-20-3	
Phenanthrene	ND	ug/L	1.0	0.10	1	06/11/24 11:28	06/11/24 22:38	85-01-8	L1
Pyrene	ND	ug/L	1.0	0.099	1	06/11/24 11:28	06/11/24 22:38	129-00-0	L1
<b>Surrogates</b>									
2-Fluorobiphenyl (S)	95	%	43-129		1	06/11/24 11:28	06/11/24 22:38	321-60-8	
p-Terphenyl-d14 (S)	135	%	64-162		1	06/11/24 11:28	06/11/24 22:38	1718-51-0	
<b>8260/5030 MSV</b>									
Analytical Method: EPA 8260									
Pace Analytical Services - Indianapolis									
Acetone	ND	ug/L	100	3.5	1		06/13/24 19:16	67-64-1	
Acrolein	ND	ug/L	50.0	6.9	1		06/13/24 19:16	107-02-8	
Acrylonitrile	ND	ug/L	100	1.7	1		06/13/24 19:16	107-13-1	
Benzene	ND	ug/L	5.0	0.30	1		06/13/24 19:16	71-43-2	
Bromobenzene	ND	ug/L	5.0	0.40	1		06/13/24 19:16	108-86-1	
Bromochloromethane	ND	ug/L	5.0	0.32	1		06/13/24 19:16	74-97-5	
Bromodichloromethane	ND	ug/L	5.0	0.36	1		06/13/24 19:16	75-27-4	
Bromoform	ND	ug/L	5.0	0.61	1		06/13/24 19:16	75-25-2	
Bromomethane	ND	ug/L	5.0	2.5	1		06/13/24 19:16	74-83-9	
2-Butanone (MEK)	ND	ug/L	25.0	1.2	1		06/13/24 19:16	78-93-3	
n-Butylbenzene	ND	ug/L	5.0	0.36	1		06/13/24 19:16	104-51-8	
sec-Butylbenzene	ND	ug/L	5.0	0.34	1		06/13/24 19:16	135-98-8	
tert-Butylbenzene	ND	ug/L	5.0	0.36	1		06/13/24 19:16	98-06-6	
Carbon disulfide	ND	ug/L	10.0	0.36	1		06/13/24 19:16	75-15-0	
Carbon tetrachloride	ND	ug/L	5.0	0.50	1		06/13/24 19:16	56-23-5	
Chlorobenzene	ND	ug/L	5.0	0.29	1		06/13/24 19:16	108-90-7	
Chloroethane	ND	ug/L	5.0	0.62	1		06/13/24 19:16	75-00-3	

## REPORT OF LABORATORY ANALYSIS

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## ANALYTICAL RESULTS

Project: Genesis Convention Center

Pace Project No.: 50375143

Sample: SB-9 Lab ID: 50375143009 Collected: 06/05/24 13:49 Received: 06/06/24 13:02 Matrix: Water

Parameters	Results	Units	Report			Prepared	Analyzed	CAS No.	Qual
			Limit	MDL	DF				
<b>8260/5030 MSV</b>			Analytical Method: EPA 8260						
			Pace Analytical Services - Indianapolis						
Chloroform	ND	ug/L	5.0	0.27	1		06/13/24 19:16	67-66-3	
Chloromethane	ND	ug/L	5.0	0.51	1		06/13/24 19:16	74-87-3	
2-Chlorotoluene	ND	ug/L	5.0	0.32	1		06/13/24 19:16	95-49-8	
4-Chlorotoluene	ND	ug/L	5.0	0.31	1		06/13/24 19:16	106-43-4	
Dibromochloromethane	ND	ug/L	5.0	0.42	1		06/13/24 19:16	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	5.0	0.28	1		06/13/24 19:16	106-93-4	
Dibromomethane	ND	ug/L	5.0	0.36	1		06/13/24 19:16	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	5.0	0.28	1		06/13/24 19:16	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	5.0	0.30	1		06/13/24 19:16	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	5.0	0.28	1		06/13/24 19:16	106-46-7	
trans-1,4-Dichloro-2-butene	ND	ug/L	100	0.41	1		06/13/24 19:16	110-57-6	
Dichlorodifluoromethane	ND	ug/L	5.0	0.79	1		06/13/24 19:16	75-71-8	
1,1-Dichloroethane	ND	ug/L	5.0	0.31	1		06/13/24 19:16	75-34-3	
1,2-Dichloroethane	ND	ug/L	5.0	0.24	1		06/13/24 19:16	107-06-2	
1,1-Dichloroethene	ND	ug/L	5.0	0.37	1		06/13/24 19:16	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	5.0	0.30	1		06/13/24 19:16	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	5.0	0.35	1		06/13/24 19:16	156-60-5	
1,2-Dichloropropane	ND	ug/L	5.0	0.27	1		06/13/24 19:16	78-87-5	
1,3-Dichloropropane	ND	ug/L	5.0	0.23	1		06/13/24 19:16	142-28-9	
2,2-Dichloropropane	ND	ug/L	5.0	0.93	1		06/13/24 19:16	594-20-7	
1,1-Dichloropropene	ND	ug/L	5.0	0.94	1		06/13/24 19:16	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	5.0	0.44	1		06/13/24 19:16	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	5.0	0.41	1		06/13/24 19:16	10061-02-6	
Ethylbenzene	ND	ug/L	5.0	0.34	1		06/13/24 19:16	100-41-4	
Ethyl methacrylate	ND	ug/L	100	0.33	1		06/13/24 19:16	97-63-2	
Hexachloro-1,3-butadiene	ND	ug/L	5.0	0.48	1		06/13/24 19:16	87-68-3	
n-Hexane	ND	ug/L	5.0	3.9	1		06/13/24 19:16	110-54-3	
2-Hexanone	ND	ug/L	25.0	1.7	1		06/13/24 19:16	591-78-6	
Iodomethane	ND	ug/L	10.0	0.76	1		06/13/24 19:16	74-88-4	
Isopropylbenzene (Cumene)	ND	ug/L	5.0	0.34	1		06/13/24 19:16	98-82-8	
p-Isopropyltoluene	ND	ug/L	5.0	0.36	1		06/13/24 19:16	99-87-6	
Methylene Chloride	ND	ug/L	5.0	1.6	1		06/13/24 19:16	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	25.0	1.5	1		06/13/24 19:16	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	4.0	0.24	1		06/13/24 19:16	1634-04-4	
Naphthalene	ND	ug/L	5.0	0.91	1		06/13/24 19:16	91-20-3	
n-Propylbenzene	ND	ug/L	5.0	0.32	1		06/13/24 19:16	103-65-1	
Styrene	ND	ug/L	5.0	0.27	1		06/13/24 19:16	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	5.0	0.42	1		06/13/24 19:16	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	5.0	0.27	1		06/13/24 19:16	79-34-5	
Tetrachloroethene	ND	ug/L	5.0	0.36	1		06/13/24 19:16	127-18-4	
Toluene	ND	ug/L	5.0	0.31	1		06/13/24 19:16	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	5.0	0.79	1		06/13/24 19:16	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	5.0	0.54	1		06/13/24 19:16	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	5.0	0.45	1		06/13/24 19:16	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	5.0	0.31	1		06/13/24 19:16	79-00-5	

## REPORT OF LABORATORY ANALYSIS

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### ANALYTICAL RESULTS

Project: Genesis Convention Center

Pace Project No.: 50375143

Sample: SB-9 Lab ID: 50375143009 Collected: 06/05/24 13:49 Received: 06/06/24 13:02 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260/5030 MSV</b>									
Analytical Method: EPA 8260									
Pace Analytical Services - Indianapolis									
Trichloroethene	ND	ug/L	5.0	0.36	1		06/13/24 19:16	79-01-6	
Trichlorofluoromethane	ND	ug/L	5.0	0.41	1		06/13/24 19:16	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	5.0	0.35	1		06/13/24 19:16	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/L	5.0	0.35	1		06/13/24 19:16	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/L	5.0	0.33	1		06/13/24 19:16	108-67-8	
Vinyl acetate	ND	ug/L	50.0	1.5	1		06/13/24 19:16	108-05-4	
Vinyl chloride	ND	ug/L	2.0	0.47	1		06/13/24 19:16	75-01-4	
Xylene (Total)	ND	ug/L	10.0	0.39	1		06/13/24 19:16	1330-20-7	
<b>Surrogates</b>									
Dibromofluoromethane (S)	100	%	82-128		1		06/13/24 19:16	1868-53-7	H1,pH
4-Bromofluorobenzene (S)	99	%	79-124		1		06/13/24 19:16	460-00-4	
Toluene-d8 (S)	100	%	73-122		1		06/13/24 19:16	2037-26-5	

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### ANALYTICAL RESULTS

Project: Genesis Convention Center  
Pace Project No.: 50375143

Sample: SB-10 Lab ID: 50375143010 Collected: 06/05/24 15:10 Received: 06/06/24 13:02 Matrix: Water

Parameters	Results	Units	Report			Prepared	Analyzed	CAS No.	Qual
			Limit	MDL	DF				

**6010 MET ICP, Lab Filtered**

Analytical Method: EPA 6010 Preparation Method: EPA 3010  
Pace Analytical Services - Indianapolis

Lead, Dissolved ND ug/L 10.0 4.0 1 06/18/24 08:46 06/18/24 10:51 7439-92-1

**8270 PAH by 3511**

Analytical Method: EPA 8270 by SIM 40E Preparation Method: EPA 3511  
Pace Analytical Services - Indianapolis

Acenaphthene	ND	ug/L	0.99	0.093	1	06/11/24 11:28	06/11/24 22:49	83-32-9	
Acenaphthylene	ND	ug/L	0.99	0.072	1	06/11/24 11:28	06/11/24 22:49	208-96-8	L1
Anthracene	ND	ug/L	0.099	0.080	1	06/11/24 11:28	06/11/24 22:49	120-12-7	
Benzo(a)anthracene	ND	ug/L	0.099	0.064	1	06/11/24 11:28	06/11/24 22:49	56-55-3	
Benzo(a)pyrene	ND	ug/L	0.099	0.069	1	06/11/24 11:28	06/11/24 22:49	50-32-8	L1
Benzo(b)fluoranthene	ND	ug/L	0.099	0.064	1	06/11/24 11:28	06/11/24 22:49	205-99-2	
Benzo(g,h,i)perylene	ND	ug/L	0.099	0.090	1	06/11/24 11:28	06/11/24 22:49	191-24-2	
Benzo(k)fluoranthene	ND	ug/L	0.099	0.067	1	06/11/24 11:28	06/11/24 22:49	207-08-9	
Chrysene	ND	ug/L	0.50	0.060	1	06/11/24 11:28	06/11/24 22:49	218-01-9	L1
Dibenz(a,h)anthracene	ND	ug/L	0.099	0.075	1	06/11/24 11:28	06/11/24 22:49	53-70-3	
Fluoranthene	ND	ug/L	0.99	0.073	1	06/11/24 11:28	06/11/24 22:49	206-44-0	L1
Fluorene	ND	ug/L	0.99	0.095	1	06/11/24 11:28	06/11/24 22:49	86-73-7	
Indeno(1,2,3-cd)pyrene	ND	ug/L	0.099	0.057	1	06/11/24 11:28	06/11/24 22:49	193-39-5	
1-Methylnaphthalene	ND	ug/L	0.99	0.086	1	06/11/24 11:28	06/11/24 22:49	90-12-0	
2-Methylnaphthalene	ND	ug/L	0.99	0.097	1	06/11/24 11:28	06/11/24 22:49	91-57-6	
Naphthalene	ND	ug/L	0.99	0.41	1	06/11/24 11:28	06/11/24 22:49	91-20-3	
Phenanthrene	ND	ug/L	0.99	0.10	1	06/11/24 11:28	06/11/24 22:49	85-01-8	L1
Pyrene	ND	ug/L	0.99	0.098	1	06/11/24 11:28	06/11/24 22:49	129-00-0	L1
<b>Surrogates</b>									
2-Fluorobiphenyl (S)	81	%	43-129		1	06/11/24 11:28	06/11/24 22:49	321-60-8	
p-Terphenyl-d14 (S)	138	%	64-162		1	06/11/24 11:28	06/11/24 22:49	1718-51-0	

**8260/5030 MSV**

Analytical Method: EPA 8260  
Pace Analytical Services - Indianapolis

Acetone	ND	ug/L	100	5.1	1		06/13/24 13:25	67-64-1	
Acrolein	ND	ug/L	50.0	13.2	1		06/13/24 13:25	107-02-8	
Acrylonitrile	ND	ug/L	100	0.97	1		06/13/24 13:25	107-13-1	
Benzene	ND	ug/L	5.0	0.29	1		06/13/24 13:25	71-43-2	
Bromobenzene	ND	ug/L	5.0	0.26	1		06/13/24 13:25	108-86-1	
Bromochloromethane	ND	ug/L	5.0	0.67	1		06/13/24 13:25	74-97-5	
Bromodichloromethane	ND	ug/L	5.0	0.28	1		06/13/24 13:25	75-27-4	
Bromoform	ND	ug/L	5.0	0.70	1		06/13/24 13:25	75-25-2	
Bromomethane	ND	ug/L	5.0	3.2	1		06/13/24 13:25	74-83-9	
2-Butanone (MEK)	ND	ug/L	25.0	1.5	1		06/13/24 13:25	78-93-3	
n-Butylbenzene	ND	ug/L	5.0	0.43	1		06/13/24 13:25	104-51-8	
sec-Butylbenzene	ND	ug/L	5.0	0.39	1		06/13/24 13:25	135-98-8	
tert-Butylbenzene	ND	ug/L	5.0	0.37	1		06/13/24 13:25	98-06-6	
Carbon disulfide	ND	ug/L	10.0	0.33	1		06/13/24 13:25	75-15-0	
Carbon tetrachloride	ND	ug/L	5.0	0.50	1		06/13/24 13:25	56-23-5	
Chlorobenzene	ND	ug/L	5.0	0.29	1		06/13/24 13:25	108-90-7	
Chloroethane	ND	ug/L	5.0	1.5	1		06/13/24 13:25	75-00-3	

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## ANALYTICAL RESULTS

Project: Genesis Convention Center

Pace Project No.: 50375143

Sample: SB-10 Lab ID: 50375143010 Collected: 06/05/24 15:10 Received: 06/06/24 13:02 Matrix: Water

Parameters	Results	Units	Report			Prepared	Analyzed	CAS No.	Qual
			Limit	MDL	DF				
8260/5030 MSV									
Analytical Method: EPA 8260									
Pace Analytical Services - Indianapolis									
Chloroform	ND	ug/L	5.0	0.24	1		06/13/24 13:25	67-66-3	
Chloromethane	ND	ug/L	5.0	0.62	1		06/13/24 13:25	74-87-3	
2-Chlorotoluene	ND	ug/L	5.0	0.34	1		06/13/24 13:25	95-49-8	
4-Chlorotoluene	ND	ug/L	5.0	0.32	1		06/13/24 13:25	106-43-4	
Dibromochloromethane	ND	ug/L	5.0	0.44	1		06/13/24 13:25	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	5.0	0.31	1		06/13/24 13:25	106-93-4	
Dibromomethane	ND	ug/L	5.0	0.38	1		06/13/24 13:25	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	5.0	0.27	1		06/13/24 13:25	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	5.0	0.28	1		06/13/24 13:25	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	5.0	0.28	1		06/13/24 13:25	106-46-7	
trans-1,4-Dichloro-2-butene	ND	ug/L	100	0.53	1		06/13/24 13:25	110-57-6	
Dichlorodifluoromethane	ND	ug/L	5.0	0.76	1		06/13/24 13:25	75-71-8	
1,1-Dichloroethane	ND	ug/L	5.0	0.28	1		06/13/24 13:25	75-34-3	
1,2-Dichloroethane	ND	ug/L	5.0	0.24	1		06/13/24 13:25	107-06-2	
1,1-Dichloroethene	ND	ug/L	5.0	0.41	1		06/13/24 13:25	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	5.0	0.34	1		06/13/24 13:25	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	5.0	0.34	1		06/13/24 13:25	156-60-5	
1,2-Dichloropropane	ND	ug/L	5.0	0.31	1		06/13/24 13:25	78-87-5	
1,3-Dichloropropane	ND	ug/L	5.0	0.24	1		06/13/24 13:25	142-28-9	
2,2-Dichloropropane	ND	ug/L	5.0	0.42	1		06/13/24 13:25	594-20-7	
1,1-Dichloropropene	ND	ug/L	5.0	0.43	1		06/13/24 13:25	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	5.0	0.39	1		06/13/24 13:25	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	5.0	0.41	1		06/13/24 13:25	10061-02-6	
Ethylbenzene	ND	ug/L	5.0	0.31	1		06/13/24 13:25	100-41-4	
Ethyl methacrylate	ND	ug/L	100	0.35	1		06/13/24 13:25	97-63-2	
Hexachloro-1,3-butadiene	ND	ug/L	5.0	0.45	1		06/13/24 13:25	87-68-3	
n-Hexane	ND	ug/L	5.0	0.40	1		06/13/24 13:25	110-54-3	
2-Hexanone	ND	ug/L	25.0	1.7	1		06/13/24 13:25	591-78-6	
Iodomethane	ND	ug/L	10.0	0.87	1		06/13/24 13:25	74-88-4	
Isopropylbenzene (Cumene)	ND	ug/L	5.0	0.35	1		06/13/24 13:25	98-82-8	
p-Isopropyltoluene	ND	ug/L	5.0	0.39	1		06/13/24 13:25	99-87-6	
Methylene Chloride	ND	ug/L	5.0	1.3	1		06/13/24 13:25	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	25.0	1.6	1		06/13/24 13:25	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	4.0	0.22	1		06/13/24 13:25	1634-04-4	
Naphthalene	ND	ug/L	5.0	0.53	1		06/13/24 13:25	91-20-3	
n-Propylbenzene	ND	ug/L	5.0	0.34	1		06/13/24 13:25	103-65-1	
Styrene	ND	ug/L	5.0	0.28	1		06/13/24 13:25	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	5.0	0.40	1		06/13/24 13:25	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	5.0	0.32	1		06/13/24 13:25	79-34-5	
Tetrachloroethene	ND	ug/L	5.0	0.36	1		06/13/24 13:25	127-18-4	
Toluene	ND	ug/L	5.0	0.30	1		06/13/24 13:25	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	5.0	0.42	1		06/13/24 13:25	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	5.0	0.29	1		06/13/24 13:25	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	5.0	0.41	1		06/13/24 13:25	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	5.0	0.30	1		06/13/24 13:25	79-00-5	

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### ANALYTICAL RESULTS

Project: Genesis Convention Center

Pace Project No.: 50375143

Sample: SB-10 Lab ID: 50375143010 Collected: 06/05/24 15:10 Received: 06/06/24 13:02 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260/5030 MSV</b>									
Analytical Method: EPA 8260									
Pace Analytical Services - Indianapolis									
Trichloroethene	ND	ug/L	5.0	0.31	1		06/13/24 13:25	79-01-6	
Trichlorofluoromethane	ND	ug/L	5.0	0.36	1		06/13/24 13:25	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	5.0	0.42	1		06/13/24 13:25	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/L	5.0	0.32	1		06/13/24 13:25	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/L	5.0	0.33	1		06/13/24 13:25	108-67-8	
Vinyl acetate	ND	ug/L	50.0	1.3	1		06/13/24 13:25	108-05-4	
Vinyl chloride	ND	ug/L	2.0	0.56	1		06/13/24 13:25	75-01-4	
Xylene (Total)	ND	ug/L	10.0	0.33	1		06/13/24 13:25	1330-20-7	
<b>Surrogates</b>									
Dibromofluoromethane (S)	100	%	82-128		1		06/13/24 13:25	1868-53-7	H1,HS, pH
4-Bromofluorobenzene (S)	99	%	79-124		1		06/13/24 13:25	460-00-4	
Toluene-d8 (S)	97	%	73-122		1		06/13/24 13:25	2037-26-5	

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## ANALYTICAL RESULTS

Project: Genesis Convention Center

Pace Project No.: 50375143

Sample: SB-11 Lab ID: 50375143011 Collected: 06/05/24 14:02 Received: 06/06/24 13:02 Matrix: Water

Parameters	Results	Units	Report			Prepared	Analyzed	CAS No.	Qual
			Limit	MDL	DF				
<b>6010 MET ICP, Lab Filtered</b>									
Analytical Method: EPA 6010 Preparation Method: EPA 3010									
Pace Analytical Services - Indianapolis									
Lead, Dissolved	ND	ug/L	10.0	4.0	1	06/18/24 08:46	06/18/24 10:52	7439-92-1	
<b>8270 PAH by 3511</b>									
Analytical Method: EPA 8270 by SIM 40E Preparation Method: EPA 3511									
Pace Analytical Services - Indianapolis									
Acenaphthene	ND	ug/L	0.98	0.092	1	06/11/24 11:28	06/11/24 23:00	83-32-9	
Acenaphthylene	ND	ug/L	0.98	0.072	1	06/11/24 11:28	06/11/24 23:00	208-96-8	L1
Anthracene	ND	ug/L	0.098	0.080	1	06/11/24 11:28	06/11/24 23:00	120-12-7	
Benzo(a)anthracene	ND	ug/L	0.098	0.064	1	06/11/24 11:28	06/11/24 23:00	56-55-3	
Benzo(a)pyrene	ND	ug/L	0.098	0.069	1	06/11/24 11:28	06/11/24 23:00	50-32-8	L1
Benzo(b)fluoranthene	ND	ug/L	0.098	0.064	1	06/11/24 11:28	06/11/24 23:00	205-99-2	
Benzo(g,h,i)perylene	ND	ug/L	0.098	0.089	1	06/11/24 11:28	06/11/24 23:00	191-24-2	
Benzo(k)fluoranthene	ND	ug/L	0.098	0.067	1	06/11/24 11:28	06/11/24 23:00	207-08-9	
Chrysene	ND	ug/L	0.49	0.060	1	06/11/24 11:28	06/11/24 23:00	218-01-9	L1
Dibenz(a,h)anthracene	ND	ug/L	0.098	0.075	1	06/11/24 11:28	06/11/24 23:00	53-70-3	
Fluoranthene	ND	ug/L	0.98	0.073	1	06/11/24 11:28	06/11/24 23:00	206-44-0	L1
Fluorene	ND	ug/L	0.98	0.094	1	06/11/24 11:28	06/11/24 23:00	86-73-7	
Indeno(1,2,3-cd)pyrene	ND	ug/L	0.098	0.057	1	06/11/24 11:28	06/11/24 23:00	193-39-5	
1-Methylnaphthalene	ND	ug/L	0.98	0.086	1	06/11/24 11:28	06/11/24 23:00	90-12-0	
2-Methylnaphthalene	ND	ug/L	0.98	0.096	1	06/11/24 11:28	06/11/24 23:00	91-57-6	
Naphthalene	ND	ug/L	0.98	0.40	1	06/11/24 11:28	06/11/24 23:00	91-20-3	
Phenanthrene	ND	ug/L	0.98	0.10	1	06/11/24 11:28	06/11/24 23:00	85-01-8	L1
Pyrene	ND	ug/L	0.98	0.097	1	06/11/24 11:28	06/11/24 23:00	129-00-0	L1
<b>Surrogates</b>									
2-Fluorobiphenyl (S)	100	%	43-129		1	06/11/24 11:28	06/11/24 23:00	321-60-8	
p-Terphenyl-d14 (S)	126	%	64-162		1	06/11/24 11:28	06/11/24 23:00	1718-51-0	
<b>8260/5030 MSV</b>									
Analytical Method: EPA 8260									
Pace Analytical Services - Indianapolis									
Acetone	ND	ug/L	100	5.1	1		06/13/24 13:53	67-64-1	
Acrolein	ND	ug/L	50.0	13.2	1		06/13/24 13:53	107-02-8	
Acrylonitrile	ND	ug/L	100	0.97	1		06/13/24 13:53	107-13-1	
Benzene	ND	ug/L	5.0	0.29	1		06/13/24 13:53	71-43-2	
Bromobenzene	ND	ug/L	5.0	0.26	1		06/13/24 13:53	108-86-1	
Bromochloromethane	ND	ug/L	5.0	0.67	1		06/13/24 13:53	74-97-5	
Bromodichloromethane	ND	ug/L	5.0	0.28	1		06/13/24 13:53	75-27-4	
Bromoform	ND	ug/L	5.0	0.70	1		06/13/24 13:53	75-25-2	
Bromomethane	ND	ug/L	5.0	3.2	1		06/13/24 13:53	74-83-9	
2-Butanone (MEK)	ND	ug/L	25.0	1.5	1		06/13/24 13:53	78-93-3	
n-Butylbenzene	ND	ug/L	5.0	0.43	1		06/13/24 13:53	104-51-8	
sec-Butylbenzene	ND	ug/L	5.0	0.39	1		06/13/24 13:53	135-98-8	
tert-Butylbenzene	ND	ug/L	5.0	0.37	1		06/13/24 13:53	98-06-6	
Carbon disulfide	ND	ug/L	10.0	0.33	1		06/13/24 13:53	75-15-0	
Carbon tetrachloride	ND	ug/L	5.0	0.50	1		06/13/24 13:53	56-23-5	
Chlorobenzene	ND	ug/L	5.0	0.29	1		06/13/24 13:53	108-90-7	
Chloroethane	ND	ug/L	5.0	1.5	1		06/13/24 13:53	75-00-3	

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## ANALYTICAL RESULTS

Project: Genesis Convention Center

Pace Project No.: 50375143

Sample: SB-11 Lab ID: 50375143011 Collected: 06/05/24 14:02 Received: 06/06/24 13:02 Matrix: Water

Parameters	Results	Units	Report			Prepared	Analyzed	CAS No.	Qual
			Limit	MDL	DF				
8260/5030 MSV									
Analytical Method: EPA 8260									
Pace Analytical Services - Indianapolis									
Chloroform	ND	ug/L	5.0	0.24	1		06/13/24 13:53	67-66-3	
Chloromethane	ND	ug/L	5.0	0.62	1		06/13/24 13:53	74-87-3	
2-Chlorotoluene	ND	ug/L	5.0	0.34	1		06/13/24 13:53	95-49-8	
4-Chlorotoluene	ND	ug/L	5.0	0.32	1		06/13/24 13:53	106-43-4	
Dibromochloromethane	ND	ug/L	5.0	0.44	1		06/13/24 13:53	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	5.0	0.31	1		06/13/24 13:53	106-93-4	
Dibromomethane	ND	ug/L	5.0	0.38	1		06/13/24 13:53	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	5.0	0.27	1		06/13/24 13:53	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	5.0	0.28	1		06/13/24 13:53	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	5.0	0.28	1		06/13/24 13:53	106-46-7	
trans-1,4-Dichloro-2-butene	ND	ug/L	100	0.53	1		06/13/24 13:53	110-57-6	
Dichlorodifluoromethane	ND	ug/L	5.0	0.76	1		06/13/24 13:53	75-71-8	
1,1-Dichloroethane	ND	ug/L	5.0	0.28	1		06/13/24 13:53	75-34-3	
1,2-Dichloroethane	ND	ug/L	5.0	0.24	1		06/13/24 13:53	107-06-2	
1,1-Dichloroethene	ND	ug/L	5.0	0.41	1		06/13/24 13:53	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	5.0	0.34	1		06/13/24 13:53	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	5.0	0.34	1		06/13/24 13:53	156-60-5	
1,2-Dichloropropane	ND	ug/L	5.0	0.31	1		06/13/24 13:53	78-87-5	
1,3-Dichloropropane	ND	ug/L	5.0	0.24	1		06/13/24 13:53	142-28-9	
2,2-Dichloropropane	ND	ug/L	5.0	0.42	1		06/13/24 13:53	594-20-7	
1,1-Dichloropropene	ND	ug/L	5.0	0.43	1		06/13/24 13:53	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	5.0	0.39	1		06/13/24 13:53	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	5.0	0.41	1		06/13/24 13:53	10061-02-6	
Ethylbenzene	ND	ug/L	5.0	0.31	1		06/13/24 13:53	100-41-4	
Ethyl methacrylate	ND	ug/L	100	0.35	1		06/13/24 13:53	97-63-2	
Hexachloro-1,3-butadiene	ND	ug/L	5.0	0.45	1		06/13/24 13:53	87-68-3	
n-Hexane	ND	ug/L	5.0	0.40	1		06/13/24 13:53	110-54-3	
2-Hexanone	ND	ug/L	25.0	1.7	1		06/13/24 13:53	591-78-6	
Iodomethane	ND	ug/L	10.0	0.87	1		06/13/24 13:53	74-88-4	
Isopropylbenzene (Cumene)	ND	ug/L	5.0	0.35	1		06/13/24 13:53	98-82-8	
p-Isopropyltoluene	ND	ug/L	5.0	0.39	1		06/13/24 13:53	99-87-6	
Methylene Chloride	ND	ug/L	5.0	1.3	1		06/13/24 13:53	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	25.0	1.6	1		06/13/24 13:53	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	4.0	0.22	1		06/13/24 13:53	1634-04-4	
Naphthalene	ND	ug/L	5.0	0.53	1		06/13/24 13:53	91-20-3	
n-Propylbenzene	ND	ug/L	5.0	0.34	1		06/13/24 13:53	103-65-1	
Styrene	ND	ug/L	5.0	0.28	1		06/13/24 13:53	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	5.0	0.40	1		06/13/24 13:53	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	5.0	0.32	1		06/13/24 13:53	79-34-5	
Tetrachloroethene	ND	ug/L	5.0	0.36	1		06/13/24 13:53	127-18-4	
Toluene	ND	ug/L	5.0	0.30	1		06/13/24 13:53	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	5.0	0.42	1		06/13/24 13:53	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	5.0	0.29	1		06/13/24 13:53	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	5.0	0.41	1		06/13/24 13:53	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	5.0	0.30	1		06/13/24 13:53	79-00-5	

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**ANALYTICAL RESULTS**

Project: Genesis Convention Center

Pace Project No.: 50375143

**Sample: SB-11**      **Lab ID: 50375143011**      Collected: 06/05/24 14:02      Received: 06/06/24 13:02      Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260/5030 MSV</b>									
Analytical Method: EPA 8260									
Pace Analytical Services - Indianapolis									
Trichloroethene	ND	ug/L	5.0	0.31	1		06/13/24 13:53	79-01-6	
Trichlorofluoromethane	ND	ug/L	5.0	0.36	1		06/13/24 13:53	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	5.0	0.42	1		06/13/24 13:53	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/L	5.0	0.32	1		06/13/24 13:53	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/L	5.0	0.33	1		06/13/24 13:53	108-67-8	
Vinyl acetate	ND	ug/L	50.0	1.3	1		06/13/24 13:53	108-05-4	
Vinyl chloride	ND	ug/L	2.0	0.56	1		06/13/24 13:53	75-01-4	
Xylene (Total)	ND	ug/L	10.0	0.33	1		06/13/24 13:53	1330-20-7	
<b>Surrogates</b>									
Dibromofluoromethane (S)	98	%	82-128		1		06/13/24 13:53	1868-53-7	H1,pH
4-Bromofluorobenzene (S)	99	%	79-124		1		06/13/24 13:53	460-00-4	
Toluene-d8 (S)	98	%	73-122		1		06/13/24 13:53	2037-26-5	

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## ANALYTICAL RESULTS

Project: Genesis Convention Center

Pace Project No.: 50375143

Sample: SB-12 Lab ID: 50375143012 Collected: 06/05/24 15:00 Received: 06/06/24 13:02 Matrix: Water

Parameters	Results	Units	Report			Prepared	Analyzed	CAS No.	Qual
			Limit	MDL	DF				
<b>6010 MET ICP, Lab Filtered</b>									
Analytical Method: EPA 6010 Preparation Method: EPA 3010									
Pace Analytical Services - Indianapolis									
Lead, Dissolved	ND	ug/L	10.0	4.0	1	06/18/24 08:46	06/18/24 10:54	7439-92-1	
<b>8270 PAH by 3511</b>									
Analytical Method: EPA 8270 by SIM 40E Preparation Method: EPA 3511									
Pace Analytical Services - Indianapolis									
Acenaphthene	13.2	ug/L	0.99	0.093	1	06/12/24 16:27	06/13/24 18:34	83-32-9	
Acenaphthylene	ND	ug/L	0.99	0.072	1	06/12/24 16:27	06/13/24 18:34	208-96-8	L1
Anthracene	4.3	ug/L	0.099	0.080	1	06/12/24 16:27	06/13/24 18:34	120-12-7	
Benzo(a)anthracene	0.24	ug/L	0.099	0.064	1	06/12/24 16:27	06/13/24 18:34	56-55-3	
Benzo(a)pyrene	ND	ug/L	0.099	0.069	1	06/12/24 16:27	06/13/24 18:34	50-32-8	L1
Benzo(b)fluoranthene	ND	ug/L	0.099	0.064	1	06/12/24 16:27	06/13/24 18:34	205-99-2	
Benzo(g,h,i)perylene	ND	ug/L	0.099	0.090	1	06/12/24 16:27	06/13/24 18:34	191-24-2	L1
Benzo(k)fluoranthene	ND	ug/L	0.099	0.067	1	06/12/24 16:27	06/13/24 18:34	207-08-9	
Chrysene	ND	ug/L	0.50	0.060	1	06/12/24 16:27	06/13/24 18:34	218-01-9	L1
Dibenz(a,h)anthracene	ND	ug/L	0.099	0.075	1	06/12/24 16:27	06/13/24 18:34	53-70-3	L1
Fluoranthene	3.6	ug/L	0.99	0.073	1	06/12/24 16:27	06/13/24 18:34	206-44-0	L1,P2
Fluorene	8.5	ug/L	0.99	0.095	1	06/12/24 16:27	06/13/24 18:34	86-73-7	
Indeno(1,2,3-cd)pyrene	ND	ug/L	0.099	0.057	1	06/12/24 16:27	06/13/24 18:34	193-39-5	L1
1-Methylnaphthalene	2.2	ug/L	0.99	0.086	1	06/12/24 16:27	06/13/24 18:34	90-12-0	
2-Methylnaphthalene	ND	ug/L	0.99	0.097	1	06/12/24 16:27	06/13/24 18:34	91-57-6	
Naphthalene	ND	ug/L	0.99	0.41	1	06/12/24 16:27	06/13/24 18:34	91-20-3	
Phenanthrene	14.2	ug/L	0.99	0.10	1	06/12/24 16:27	06/13/24 18:34	85-01-8	L1,P2
Pyrene	2.5	ug/L	0.99	0.098	1	06/12/24 16:27	06/13/24 18:34	129-00-0	L1,P2
<b>Surrogates</b>									
2-Fluorobiphenyl (S)	98	%	43-129		1	06/12/24 16:27	06/13/24 18:34	321-60-8	
p-Terphenyl-d14 (S)	136	%	64-162		1	06/12/24 16:27	06/13/24 18:34	1718-51-0	
<b>8260/5030 MSV</b>									
Analytical Method: EPA 8260									
Pace Analytical Services - Indianapolis									
Acetone	ND	ug/L	100	5.1	1		06/13/24 14:21	67-64-1	
Acrolein	ND	ug/L	50.0	13.2	1		06/13/24 14:21	107-02-8	
Acrylonitrile	ND	ug/L	100	0.97	1		06/13/24 14:21	107-13-1	
Benzene	ND	ug/L	5.0	0.29	1		06/13/24 14:21	71-43-2	
Bromobenzene	ND	ug/L	5.0	0.26	1		06/13/24 14:21	108-86-1	
Bromochloromethane	ND	ug/L	5.0	0.67	1		06/13/24 14:21	74-97-5	
Bromodichloromethane	ND	ug/L	5.0	0.28	1		06/13/24 14:21	75-27-4	
Bromoform	ND	ug/L	5.0	0.70	1		06/13/24 14:21	75-25-2	
Bromomethane	ND	ug/L	5.0	3.2	1		06/13/24 14:21	74-83-9	
2-Butanone (MEK)	ND	ug/L	25.0	1.5	1		06/13/24 14:21	78-93-3	
n-Butylbenzene	ND	ug/L	5.0	0.43	1		06/13/24 14:21	104-51-8	
sec-Butylbenzene	ND	ug/L	5.0	0.39	1		06/13/24 14:21	135-98-8	
tert-Butylbenzene	ND	ug/L	5.0	0.37	1		06/13/24 14:21	98-06-6	
Carbon disulfide	ND	ug/L	10.0	0.33	1		06/13/24 14:21	75-15-0	
Carbon tetrachloride	ND	ug/L	5.0	0.50	1		06/13/24 14:21	56-23-5	
Chlorobenzene	ND	ug/L	5.0	0.29	1		06/13/24 14:21	108-90-7	
Chloroethane	ND	ug/L	5.0	1.5	1		06/13/24 14:21	75-00-3	

## REPORT OF LABORATORY ANALYSIS

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## ANALYTICAL RESULTS

Project: Genesis Convention Center

Pace Project No.: 50375143

Sample: SB-12 Lab ID: 50375143012 Collected: 06/05/24 15:00 Received: 06/06/24 13:02 Matrix: Water

Parameters	Results	Units	Report			Prepared	Analyzed	CAS No.	Qual
			Limit	MDL	DF				
8260/5030 MSV									
Analytical Method: EPA 8260									
Pace Analytical Services - Indianapolis									
Chloroform	ND	ug/L	5.0	0.24	1		06/13/24 14:21	67-66-3	
Chloromethane	ND	ug/L	5.0	0.62	1		06/13/24 14:21	74-87-3	
2-Chlorotoluene	ND	ug/L	5.0	0.34	1		06/13/24 14:21	95-49-8	
4-Chlorotoluene	ND	ug/L	5.0	0.32	1		06/13/24 14:21	106-43-4	
Dibromochloromethane	ND	ug/L	5.0	0.44	1		06/13/24 14:21	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	5.0	0.31	1		06/13/24 14:21	106-93-4	
Dibromomethane	ND	ug/L	5.0	0.38	1		06/13/24 14:21	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	5.0	0.27	1		06/13/24 14:21	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	5.0	0.28	1		06/13/24 14:21	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	5.0	0.28	1		06/13/24 14:21	106-46-7	
trans-1,4-Dichloro-2-butene	ND	ug/L	100	0.53	1		06/13/24 14:21	110-57-6	
Dichlorodifluoromethane	ND	ug/L	5.0	0.76	1		06/13/24 14:21	75-71-8	
1,1-Dichloroethane	ND	ug/L	5.0	0.28	1		06/13/24 14:21	75-34-3	
1,2-Dichloroethane	ND	ug/L	5.0	0.24	1		06/13/24 14:21	107-06-2	
1,1-Dichloroethene	ND	ug/L	5.0	0.41	1		06/13/24 14:21	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	5.0	0.34	1		06/13/24 14:21	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	5.0	0.34	1		06/13/24 14:21	156-60-5	
1,2-Dichloropropane	ND	ug/L	5.0	0.31	1		06/13/24 14:21	78-87-5	
1,3-Dichloropropane	ND	ug/L	5.0	0.24	1		06/13/24 14:21	142-28-9	
2,2-Dichloropropane	ND	ug/L	5.0	0.42	1		06/13/24 14:21	594-20-7	
1,1-Dichloropropene	ND	ug/L	5.0	0.43	1		06/13/24 14:21	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	5.0	0.39	1		06/13/24 14:21	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	5.0	0.41	1		06/13/24 14:21	10061-02-6	
Ethylbenzene	ND	ug/L	5.0	0.31	1		06/13/24 14:21	100-41-4	
Ethyl methacrylate	ND	ug/L	100	0.35	1		06/13/24 14:21	97-63-2	
Hexachloro-1,3-butadiene	ND	ug/L	5.0	0.45	1		06/13/24 14:21	87-68-3	
n-Hexane	ND	ug/L	5.0	0.40	1		06/13/24 14:21	110-54-3	
2-Hexanone	ND	ug/L	25.0	1.7	1		06/13/24 14:21	591-78-6	
Iodomethane	ND	ug/L	10.0	0.87	1		06/13/24 14:21	74-88-4	
Isopropylbenzene (Cumene)	ND	ug/L	5.0	0.35	1		06/13/24 14:21	98-82-8	
p-Isopropyltoluene	ND	ug/L	5.0	0.39	1		06/13/24 14:21	99-87-6	
Methylene Chloride	ND	ug/L	5.0	1.3	1		06/13/24 14:21	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	25.0	1.6	1		06/13/24 14:21	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	4.0	0.22	1		06/13/24 14:21	1634-04-4	
Naphthalene	5.3	ug/L	5.0	0.53	1		06/13/24 14:21	91-20-3	
n-Propylbenzene	ND	ug/L	5.0	0.34	1		06/13/24 14:21	103-65-1	
Styrene	ND	ug/L	5.0	0.28	1		06/13/24 14:21	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	5.0	0.40	1		06/13/24 14:21	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	5.0	0.32	1		06/13/24 14:21	79-34-5	
Tetrachloroethene	ND	ug/L	5.0	0.36	1		06/13/24 14:21	127-18-4	
Toluene	ND	ug/L	5.0	0.30	1		06/13/24 14:21	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	5.0	0.42	1		06/13/24 14:21	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	5.0	0.29	1		06/13/24 14:21	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	5.0	0.41	1		06/13/24 14:21	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	5.0	0.30	1		06/13/24 14:21	79-00-5	

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### ANALYTICAL RESULTS

Project: Genesis Convention Center

Pace Project No.: 50375143

Sample: SB-12 Lab ID: 50375143012 Collected: 06/05/24 15:00 Received: 06/06/24 13:02 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260/5030 MSV</b>									
Analytical Method: EPA 8260									
Pace Analytical Services - Indianapolis									
Trichloroethene	ND	ug/L	5.0	0.31	1		06/13/24 14:21	79-01-6	
Trichlorofluoromethane	ND	ug/L	5.0	0.36	1		06/13/24 14:21	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	5.0	0.42	1		06/13/24 14:21	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/L	5.0	0.32	1		06/13/24 14:21	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/L	5.0	0.33	1		06/13/24 14:21	108-67-8	
Vinyl acetate	ND	ug/L	50.0	1.3	1		06/13/24 14:21	108-05-4	
Vinyl chloride	ND	ug/L	2.0	0.56	1		06/13/24 14:21	75-01-4	
Xylene (Total)	ND	ug/L	10.0	0.33	1		06/13/24 14:21	1330-20-7	
<b>Surrogates</b>									
Dibromofluoromethane (S)	97	%	82-128		1		06/13/24 14:21	1868-53-7	
4-Bromofluorobenzene (S)	100	%	79-124		1		06/13/24 14:21	460-00-4	
Toluene-d8 (S)	98	%	73-122		1		06/13/24 14:21	2037-26-5	

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## ANALYTICAL RESULTS

Project: Genesis Convention Center

Pace Project No.: 50375143

Sample: SB-13 Lab ID: 50375143013 Collected: 06/05/24 14:45 Received: 06/06/24 13:02 Matrix: Water

Parameters	Results	Units	Report			Prepared	Analyzed	CAS No.	Qual
			Limit	MDL	DF				
<b>6010 MET ICP, Lab Filtered</b>									
Analytical Method: EPA 6010 Preparation Method: EPA 3010									
Pace Analytical Services - Indianapolis									
Lead, Dissolved	ND	ug/L	10.0	4.0	1	06/18/24 08:46	06/18/24 10:56	7439-92-1	
<b>8270 PAH by 3511</b>									
Analytical Method: EPA 8270 by SIM 40E Preparation Method: EPA 3511									
Pace Analytical Services - Indianapolis									
Acenaphthene	ND	ug/L	0.99	0.093	1	06/11/24 11:28	06/11/24 23:21	83-32-9	
Acenaphthylene	ND	ug/L	0.99	0.072	1	06/11/24 11:28	06/11/24 23:21	208-96-8	L1
Anthracene	ND	ug/L	0.099	0.080	1	06/11/24 11:28	06/11/24 23:21	120-12-7	
Benzo(a)anthracene	ND	ug/L	0.099	0.064	1	06/11/24 11:28	06/11/24 23:21	56-55-3	
Benzo(a)pyrene	ND	ug/L	0.099	0.069	1	06/11/24 11:28	06/11/24 23:21	50-32-8	L1
Benzo(b)fluoranthene	ND	ug/L	0.099	0.064	1	06/11/24 11:28	06/11/24 23:21	205-99-2	
Benzo(g,h,i)perylene	ND	ug/L	0.099	0.090	1	06/11/24 11:28	06/11/24 23:21	191-24-2	
Benzo(k)fluoranthene	ND	ug/L	0.099	0.067	1	06/11/24 11:28	06/11/24 23:21	207-08-9	
Chrysene	ND	ug/L	0.50	0.060	1	06/11/24 11:28	06/11/24 23:21	218-01-9	L1
Dibenz(a,h)anthracene	ND	ug/L	0.099	0.075	1	06/11/24 11:28	06/11/24 23:21	53-70-3	
Fluoranthene	ND	ug/L	0.99	0.073	1	06/11/24 11:28	06/11/24 23:21	206-44-0	L1
Fluorene	ND	ug/L	0.99	0.095	1	06/11/24 11:28	06/11/24 23:21	86-73-7	
Indeno(1,2,3-cd)pyrene	ND	ug/L	0.099	0.057	1	06/11/24 11:28	06/11/24 23:21	193-39-5	
1-Methylnaphthalene	ND	ug/L	0.99	0.086	1	06/11/24 11:28	06/11/24 23:21	90-12-0	
2-Methylnaphthalene	ND	ug/L	0.99	0.097	1	06/11/24 11:28	06/11/24 23:21	91-57-6	
Naphthalene	ND	ug/L	0.99	0.41	1	06/11/24 11:28	06/11/24 23:21	91-20-3	
Phenanthrene	ND	ug/L	0.99	0.10	1	06/11/24 11:28	06/11/24 23:21	85-01-8	L1
Pyrene	ND	ug/L	0.99	0.098	1	06/11/24 11:28	06/11/24 23:21	129-00-0	L1
<b>Surrogates</b>									
2-Fluorobiphenyl (S)	98	%	43-129		1	06/11/24 11:28	06/11/24 23:21	321-60-8	
p-Terphenyl-d14 (S)	138	%	64-162		1	06/11/24 11:28	06/11/24 23:21	1718-51-0	
<b>8260/5030 MSV</b>									
Analytical Method: EPA 8260									
Pace Analytical Services - Indianapolis									
Acetone	ND	ug/L	100	5.1	1		06/13/24 14:49	67-64-1	
Acrolein	ND	ug/L	50.0	13.2	1		06/13/24 14:49	107-02-8	
Acrylonitrile	ND	ug/L	100	0.97	1		06/13/24 14:49	107-13-1	
Benzene	ND	ug/L	5.0	0.29	1		06/13/24 14:49	71-43-2	
Bromobenzene	ND	ug/L	5.0	0.26	1		06/13/24 14:49	108-86-1	
Bromochloromethane	ND	ug/L	5.0	0.67	1		06/13/24 14:49	74-97-5	
Bromodichloromethane	ND	ug/L	5.0	0.28	1		06/13/24 14:49	75-27-4	
Bromoform	ND	ug/L	5.0	0.70	1		06/13/24 14:49	75-25-2	
Bromomethane	ND	ug/L	5.0	3.2	1		06/13/24 14:49	74-83-9	
2-Butanone (MEK)	ND	ug/L	25.0	1.5	1		06/13/24 14:49	78-93-3	
n-Butylbenzene	ND	ug/L	5.0	0.43	1		06/13/24 14:49	104-51-8	
sec-Butylbenzene	ND	ug/L	5.0	0.39	1		06/13/24 14:49	135-98-8	
tert-Butylbenzene	ND	ug/L	5.0	0.37	1		06/13/24 14:49	98-06-6	
Carbon disulfide	ND	ug/L	10.0	0.33	1		06/13/24 14:49	75-15-0	
Carbon tetrachloride	ND	ug/L	5.0	0.50	1		06/13/24 14:49	56-23-5	
Chlorobenzene	ND	ug/L	5.0	0.29	1		06/13/24 14:49	108-90-7	
Chloroethane	ND	ug/L	5.0	1.5	1		06/13/24 14:49	75-00-3	

## REPORT OF LABORATORY ANALYSIS

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## ANALYTICAL RESULTS

Project: Genesis Convention Center

Pace Project No.: 50375143

Sample: SB-13 Lab ID: 50375143013 Collected: 06/05/24 14:45 Received: 06/06/24 13:02 Matrix: Water

Parameters	Results	Units	Report			Prepared	Analyzed	CAS No.	Qual
			Limit	MDL	DF				
8260/5030 MSV									
Analytical Method: EPA 8260									
Pace Analytical Services - Indianapolis									
Chloroform	ND	ug/L	5.0	0.24	1		06/13/24 14:49	67-66-3	
Chloromethane	ND	ug/L	5.0	0.62	1		06/13/24 14:49	74-87-3	
2-Chlorotoluene	ND	ug/L	5.0	0.34	1		06/13/24 14:49	95-49-8	
4-Chlorotoluene	ND	ug/L	5.0	0.32	1		06/13/24 14:49	106-43-4	
Dibromochloromethane	ND	ug/L	5.0	0.44	1		06/13/24 14:49	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	5.0	0.31	1		06/13/24 14:49	106-93-4	
Dibromomethane	ND	ug/L	5.0	0.38	1		06/13/24 14:49	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	5.0	0.27	1		06/13/24 14:49	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	5.0	0.28	1		06/13/24 14:49	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	5.0	0.28	1		06/13/24 14:49	106-46-7	
trans-1,4-Dichloro-2-butene	ND	ug/L	100	0.53	1		06/13/24 14:49	110-57-6	
Dichlorodifluoromethane	ND	ug/L	5.0	0.76	1		06/13/24 14:49	75-71-8	
1,1-Dichloroethane	ND	ug/L	5.0	0.28	1		06/13/24 14:49	75-34-3	
1,2-Dichloroethane	ND	ug/L	5.0	0.24	1		06/13/24 14:49	107-06-2	
1,1-Dichloroethene	ND	ug/L	5.0	0.41	1		06/13/24 14:49	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	5.0	0.34	1		06/13/24 14:49	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	5.0	0.34	1		06/13/24 14:49	156-60-5	
1,2-Dichloropropane	ND	ug/L	5.0	0.31	1		06/13/24 14:49	78-87-5	
1,3-Dichloropropane	ND	ug/L	5.0	0.24	1		06/13/24 14:49	142-28-9	
2,2-Dichloropropane	ND	ug/L	5.0	0.42	1		06/13/24 14:49	594-20-7	
1,1-Dichloropropene	ND	ug/L	5.0	0.43	1		06/13/24 14:49	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	5.0	0.39	1		06/13/24 14:49	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	5.0	0.41	1		06/13/24 14:49	10061-02-6	
Ethylbenzene	ND	ug/L	5.0	0.31	1		06/13/24 14:49	100-41-4	
Ethyl methacrylate	ND	ug/L	100	0.35	1		06/13/24 14:49	97-63-2	
Hexachloro-1,3-butadiene	ND	ug/L	5.0	0.45	1		06/13/24 14:49	87-68-3	
n-Hexane	ND	ug/L	5.0	0.40	1		06/13/24 14:49	110-54-3	
2-Hexanone	ND	ug/L	25.0	1.7	1		06/13/24 14:49	591-78-6	
Iodomethane	ND	ug/L	10.0	0.87	1		06/13/24 14:49	74-88-4	
Isopropylbenzene (Cumene)	ND	ug/L	5.0	0.35	1		06/13/24 14:49	98-82-8	
p-Isopropyltoluene	ND	ug/L	5.0	0.39	1		06/13/24 14:49	99-87-6	
Methylene Chloride	ND	ug/L	5.0	1.3	1		06/13/24 14:49	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	25.0	1.6	1		06/13/24 14:49	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	4.0	0.22	1		06/13/24 14:49	1634-04-4	
Naphthalene	ND	ug/L	5.0	0.53	1		06/13/24 14:49	91-20-3	
n-Propylbenzene	ND	ug/L	5.0	0.34	1		06/13/24 14:49	103-65-1	
Styrene	ND	ug/L	5.0	0.28	1		06/13/24 14:49	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	5.0	0.40	1		06/13/24 14:49	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	5.0	0.32	1		06/13/24 14:49	79-34-5	
Tetrachloroethene	ND	ug/L	5.0	0.36	1		06/13/24 14:49	127-18-4	
Toluene	ND	ug/L	5.0	0.30	1		06/13/24 14:49	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	5.0	0.42	1		06/13/24 14:49	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	5.0	0.29	1		06/13/24 14:49	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	5.0	0.41	1		06/13/24 14:49	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	5.0	0.30	1		06/13/24 14:49	79-00-5	

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### ANALYTICAL RESULTS

Project: Genesis Convention Center

Pace Project No.: 50375143

Sample: SB-13 Lab ID: 50375143013 Collected: 06/05/24 14:45 Received: 06/06/24 13:02 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260/5030 MSV</b>									
Analytical Method: EPA 8260									
Pace Analytical Services - Indianapolis									
Trichloroethene	ND	ug/L	5.0	0.31	1		06/13/24 14:49	79-01-6	
Trichlorofluoromethane	ND	ug/L	5.0	0.36	1		06/13/24 14:49	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	5.0	0.42	1		06/13/24 14:49	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/L	5.0	0.32	1		06/13/24 14:49	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/L	5.0	0.33	1		06/13/24 14:49	108-67-8	
Vinyl acetate	ND	ug/L	50.0	1.3	1		06/13/24 14:49	108-05-4	
Vinyl chloride	ND	ug/L	2.0	0.56	1		06/13/24 14:49	75-01-4	
Xylene (Total)	ND	ug/L	10.0	0.33	1		06/13/24 14:49	1330-20-7	
<b>Surrogates</b>									
Dibromofluoromethane (S)	98	%	82-128		1		06/13/24 14:49	1868-53-7	
4-Bromofluorobenzene (S)	99	%	79-124		1		06/13/24 14:49	460-00-4	
Toluene-d8 (S)	97	%	73-122		1		06/13/24 14:49	2037-26-5	

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## ANALYTICAL RESULTS

Project: Genesis Convention Center

Pace Project No.: 50375143

Sample: SB-14 Lab ID: 50375143014 Collected: 06/05/24 14:38 Received: 06/06/24 13:02 Matrix: Water

Parameters	Results	Units	Report			Prepared	Analyzed	CAS No.	Qual
			Limit	MDL	DF				
<b>6010 MET ICP, Lab Filtered</b>									
Analytical Method: EPA 6010 Preparation Method: EPA 3010									
Pace Analytical Services - Indianapolis									
Lead, Dissolved	ND	ug/L	10.0	4.0	1	06/18/24 08:46	06/18/24 10:58	7439-92-1	
<b>8270 PAH by 3511</b>									
Analytical Method: EPA 8270 by SIM 40E Preparation Method: EPA 3511									
Pace Analytical Services - Indianapolis									
Acenaphthene	ND	ug/L	0.99	0.093	1	06/11/24 11:28	06/11/24 23:32	83-32-9	
Acenaphthylene	ND	ug/L	0.99	0.072	1	06/11/24 11:28	06/11/24 23:32	208-96-8	L1
Anthracene	ND	ug/L	0.099	0.080	1	06/11/24 11:28	06/11/24 23:32	120-12-7	
Benzo(a)anthracene	ND	ug/L	0.099	0.065	1	06/11/24 11:28	06/11/24 23:32	56-55-3	
Benzo(a)pyrene	ND	ug/L	0.099	0.069	1	06/11/24 11:28	06/11/24 23:32	50-32-8	L1
Benzo(b)fluoranthene	ND	ug/L	0.099	0.065	1	06/11/24 11:28	06/11/24 23:32	205-99-2	
Benzo(g,h,i)perylene	ND	ug/L	0.099	0.090	1	06/11/24 11:28	06/11/24 23:32	191-24-2	
Benzo(k)fluoranthene	ND	ug/L	0.099	0.067	1	06/11/24 11:28	06/11/24 23:32	207-08-9	
Chrysene	ND	ug/L	0.50	0.061	1	06/11/24 11:28	06/11/24 23:32	218-01-9	L1
Dibenz(a,h)anthracene	ND	ug/L	0.099	0.075	1	06/11/24 11:28	06/11/24 23:32	53-70-3	
Fluoranthene	ND	ug/L	0.99	0.073	1	06/11/24 11:28	06/11/24 23:32	206-44-0	L1
Fluorene	ND	ug/L	0.99	0.095	1	06/11/24 11:28	06/11/24 23:32	86-73-7	
Indeno(1,2,3-cd)pyrene	ND	ug/L	0.099	0.058	1	06/11/24 11:28	06/11/24 23:32	193-39-5	
1-Methylnaphthalene	ND	ug/L	0.99	0.086	1	06/11/24 11:28	06/11/24 23:32	90-12-0	
2-Methylnaphthalene	ND	ug/L	0.99	0.097	1	06/11/24 11:28	06/11/24 23:32	91-57-6	
Naphthalene	ND	ug/L	0.99	0.41	1	06/11/24 11:28	06/11/24 23:32	91-20-3	
Phenanthrene	ND	ug/L	0.99	0.10	1	06/11/24 11:28	06/11/24 23:32	85-01-8	L1
Pyrene	ND	ug/L	0.99	0.098	1	06/11/24 11:28	06/11/24 23:32	129-00-0	L1
<b>Surrogates</b>									
2-Fluorobiphenyl (S)	99	%	43-129		1	06/11/24 11:28	06/11/24 23:32	321-60-8	
p-Terphenyl-d14 (S)	135	%	64-162		1	06/11/24 11:28	06/11/24 23:32	1718-51-0	
<b>8260/5030 MSV</b>									
Analytical Method: EPA 8260									
Pace Analytical Services - Indianapolis									
Acetone	ND	ug/L	100	5.1	1		06/13/24 15:17	67-64-1	
Acrolein	ND	ug/L	50.0	13.2	1		06/13/24 15:17	107-02-8	
Acrylonitrile	ND	ug/L	100	0.97	1		06/13/24 15:17	107-13-1	
Benzene	ND	ug/L	5.0	0.29	1		06/13/24 15:17	71-43-2	
Bromobenzene	ND	ug/L	5.0	0.26	1		06/13/24 15:17	108-86-1	
Bromochloromethane	ND	ug/L	5.0	0.67	1		06/13/24 15:17	74-97-5	
Bromodichloromethane	ND	ug/L	5.0	0.28	1		06/13/24 15:17	75-27-4	
Bromoform	ND	ug/L	5.0	0.70	1		06/13/24 15:17	75-25-2	
Bromomethane	ND	ug/L	5.0	3.2	1		06/13/24 15:17	74-83-9	
2-Butanone (MEK)	ND	ug/L	25.0	1.5	1		06/13/24 15:17	78-93-3	
n-Butylbenzene	ND	ug/L	5.0	0.43	1		06/13/24 15:17	104-51-8	
sec-Butylbenzene	ND	ug/L	5.0	0.39	1		06/13/24 15:17	135-98-8	
tert-Butylbenzene	ND	ug/L	5.0	0.37	1		06/13/24 15:17	98-06-6	
Carbon disulfide	ND	ug/L	10.0	0.33	1		06/13/24 15:17	75-15-0	
Carbon tetrachloride	ND	ug/L	5.0	0.50	1		06/13/24 15:17	56-23-5	
Chlorobenzene	ND	ug/L	5.0	0.29	1		06/13/24 15:17	108-90-7	
Chloroethane	ND	ug/L	5.0	1.5	1		06/13/24 15:17	75-00-3	

## REPORT OF LABORATORY ANALYSIS

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## ANALYTICAL RESULTS

Project: Genesis Convention Center

Pace Project No.: 50375143

Sample: SB-14 Lab ID: 50375143014 Collected: 06/05/24 14:38 Received: 06/06/24 13:02 Matrix: Water

Parameters	Results	Units	Report			Prepared	Analyzed	CAS No.	Qual
			Limit	MDL	DF				
<b>8260/5030 MSV</b>									
Analytical Method: EPA 8260									
Pace Analytical Services - Indianapolis									
Chloroform	ND	ug/L	5.0	0.24	1		06/13/24 15:17	67-66-3	
Chloromethane	ND	ug/L	5.0	0.62	1		06/13/24 15:17	74-87-3	
2-Chlorotoluene	ND	ug/L	5.0	0.34	1		06/13/24 15:17	95-49-8	
4-Chlorotoluene	ND	ug/L	5.0	0.32	1		06/13/24 15:17	106-43-4	
Dibromochloromethane	ND	ug/L	5.0	0.44	1		06/13/24 15:17	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	5.0	0.31	1		06/13/24 15:17	106-93-4	
Dibromomethane	ND	ug/L	5.0	0.38	1		06/13/24 15:17	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	5.0	0.27	1		06/13/24 15:17	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	5.0	0.28	1		06/13/24 15:17	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	5.0	0.28	1		06/13/24 15:17	106-46-7	
trans-1,4-Dichloro-2-butene	ND	ug/L	100	0.53	1		06/13/24 15:17	110-57-6	
Dichlorodifluoromethane	ND	ug/L	5.0	0.76	1		06/13/24 15:17	75-71-8	
1,1-Dichloroethane	ND	ug/L	5.0	0.28	1		06/13/24 15:17	75-34-3	
1,2-Dichloroethane	ND	ug/L	5.0	0.24	1		06/13/24 15:17	107-06-2	
1,1-Dichloroethene	ND	ug/L	5.0	0.41	1		06/13/24 15:17	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	5.0	0.34	1		06/13/24 15:17	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	5.0	0.34	1		06/13/24 15:17	156-60-5	
1,2-Dichloropropane	ND	ug/L	5.0	0.31	1		06/13/24 15:17	78-87-5	
1,3-Dichloropropane	ND	ug/L	5.0	0.24	1		06/13/24 15:17	142-28-9	
2,2-Dichloropropane	ND	ug/L	5.0	0.42	1		06/13/24 15:17	594-20-7	
1,1-Dichloropropene	ND	ug/L	5.0	0.43	1		06/13/24 15:17	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	5.0	0.39	1		06/13/24 15:17	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	5.0	0.41	1		06/13/24 15:17	10061-02-6	
Ethylbenzene	ND	ug/L	5.0	0.31	1		06/13/24 15:17	100-41-4	
Ethyl methacrylate	ND	ug/L	100	0.35	1		06/13/24 15:17	97-63-2	
Hexachloro-1,3-butadiene	ND	ug/L	5.0	0.45	1		06/13/24 15:17	87-68-3	
n-Hexane	ND	ug/L	5.0	0.40	1		06/13/24 15:17	110-54-3	
2-Hexanone	ND	ug/L	25.0	1.7	1		06/13/24 15:17	591-78-6	
Iodomethane	ND	ug/L	10.0	0.87	1		06/13/24 15:17	74-88-4	
Isopropylbenzene (Cumene)	ND	ug/L	5.0	0.35	1		06/13/24 15:17	98-82-8	
p-Isopropyltoluene	ND	ug/L	5.0	0.39	1		06/13/24 15:17	99-87-6	
Methylene Chloride	ND	ug/L	5.0	1.3	1		06/13/24 15:17	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	25.0	1.6	1		06/13/24 15:17	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	4.0	0.22	1		06/13/24 15:17	1634-04-4	
Naphthalene	ND	ug/L	5.0	0.53	1		06/13/24 15:17	91-20-3	
n-Propylbenzene	ND	ug/L	5.0	0.34	1		06/13/24 15:17	103-65-1	
Styrene	ND	ug/L	5.0	0.28	1		06/13/24 15:17	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	5.0	0.40	1		06/13/24 15:17	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	5.0	0.32	1		06/13/24 15:17	79-34-5	
Tetrachloroethene	ND	ug/L	5.0	0.36	1		06/13/24 15:17	127-18-4	
Toluene	ND	ug/L	5.0	0.30	1		06/13/24 15:17	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	5.0	0.42	1		06/13/24 15:17	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	5.0	0.29	1		06/13/24 15:17	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	5.0	0.41	1		06/13/24 15:17	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	5.0	0.30	1		06/13/24 15:17	79-00-5	

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### ANALYTICAL RESULTS

Project: Genesis Convention Center

Pace Project No.: 50375143

Sample: SB-14 Lab ID: 50375143014 Collected: 06/05/24 14:38 Received: 06/06/24 13:02 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260/5030 MSV</b>									
Analytical Method: EPA 8260									
Pace Analytical Services - Indianapolis									
Trichloroethene	ND	ug/L	5.0	0.31	1		06/13/24 15:17	79-01-6	
Trichlorofluoromethane	ND	ug/L	5.0	0.36	1		06/13/24 15:17	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	5.0	0.42	1		06/13/24 15:17	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/L	5.0	0.32	1		06/13/24 15:17	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/L	5.0	0.33	1		06/13/24 15:17	108-67-8	
Vinyl acetate	ND	ug/L	50.0	1.3	1		06/13/24 15:17	108-05-4	
Vinyl chloride	ND	ug/L	2.0	0.56	1		06/13/24 15:17	75-01-4	
Xylene (Total)	ND	ug/L	10.0	0.33	1		06/13/24 15:17	1330-20-7	
<b>Surrogates</b>									
Dibromofluoromethane (S)	98	%	82-128		1		06/13/24 15:17	1868-53-7	
4-Bromofluorobenzene (S)	98	%	79-124		1		06/13/24 15:17	460-00-4	
Toluene-d8 (S)	98	%	73-122		1		06/13/24 15:17	2037-26-5	

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**ANALYTICAL RESULTS**

Project: Genesis Convention Center  
 Pace Project No.: 50375143

**Sample: SB-15**      **Lab ID: 50375143015**      Collected: 06/05/24 14:10      Received: 06/06/24 13:02      Matrix: Water

Parameters	Results	Units	Report			Prepared	Analyzed	CAS No.	Qual
			Limit	MDL	DF				

**6010 MET ICP, Lab Filtered**

Analytical Method: EPA 6010      Preparation Method: EPA 3010  
 Pace Analytical Services - Indianapolis

Lead, Dissolved	ND	ug/L	10.0	4.0	1	06/18/24 08:46	06/18/24 11:00	7439-92-1	
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**8270 PAH by 3511**

Analytical Method: EPA 8270 by SIM 40E      Preparation Method: EPA 3511  
 Pace Analytical Services - Indianapolis

Acenaphthene	ND	ug/L	0.99	0.093	1	06/11/24 11:28	06/11/24 23:43	83-32-9	
Acenaphthylene	ND	ug/L	0.99	0.072	1	06/11/24 11:28	06/11/24 23:43	208-96-8	L1
Anthracene	ND	ug/L	0.099	0.080	1	06/11/24 11:28	06/11/24 23:43	120-12-7	
Benzo(a)anthracene	ND	ug/L	0.099	0.065	1	06/11/24 11:28	06/11/24 23:43	56-55-3	
Benzo(a)pyrene	ND	ug/L	0.099	0.069	1	06/11/24 11:28	06/11/24 23:43	50-32-8	L1
Benzo(b)fluoranthene	ND	ug/L	0.099	0.065	1	06/11/24 11:28	06/11/24 23:43	205-99-2	
Benzo(g,h,i)perylene	ND	ug/L	0.099	0.090	1	06/11/24 11:28	06/11/24 23:43	191-24-2	
Benzo(k)fluoranthene	ND	ug/L	0.099	0.067	1	06/11/24 11:28	06/11/24 23:43	207-08-9	
Chrysene	ND	ug/L	0.50	0.061	1	06/11/24 11:28	06/11/24 23:43	218-01-9	L1
Dibenz(a,h)anthracene	ND	ug/L	0.099	0.075	1	06/11/24 11:28	06/11/24 23:43	53-70-3	
Fluoranthene	ND	ug/L	0.99	0.073	1	06/11/24 11:28	06/11/24 23:43	206-44-0	L1
Fluorene	ND	ug/L	0.99	0.095	1	06/11/24 11:28	06/11/24 23:43	86-73-7	
Indeno(1,2,3-cd)pyrene	ND	ug/L	0.099	0.058	1	06/11/24 11:28	06/11/24 23:43	193-39-5	
1-Methylnaphthalene	<b>21.6</b>	ug/L	0.99	0.086	1	06/11/24 11:28	06/11/24 23:43	90-12-0	
2-Methylnaphthalene	ND	ug/L	0.99	0.097	1	06/11/24 11:28	06/11/24 23:43	91-57-6	
Naphthalene	ND	ug/L	0.99	0.41	1	06/11/24 11:28	06/11/24 23:43	91-20-3	
Phenanthrene	ND	ug/L	0.99	0.10	1	06/11/24 11:28	06/11/24 23:43	85-01-8	L1
Pyrene	ND	ug/L	0.99	0.098	1	06/11/24 11:28	06/11/24 23:43	129-00-0	L1
<b>Surrogates</b>									
2-Fluorobiphenyl (S)	93	%	43-129		1	06/11/24 11:28	06/11/24 23:43	321-60-8	
p-Terphenyl-d14 (S)	131	%	64-162		1	06/11/24 11:28	06/11/24 23:43	1718-51-0	

**8260/5030 MSV**

Analytical Method: EPA 8260  
 Pace Analytical Services - Indianapolis

Acetone	ND	ug/L	100	5.1	1		06/13/24 15:45	67-64-1	
Acrolein	ND	ug/L	50.0	13.2	1		06/13/24 15:45	107-02-8	
Acrylonitrile	ND	ug/L	100	0.97	1		06/13/24 15:45	107-13-1	
Benzene	ND	ug/L	5.0	0.29	1		06/13/24 15:45	71-43-2	
Bromobenzene	ND	ug/L	5.0	0.26	1		06/13/24 15:45	108-86-1	
Bromochloromethane	ND	ug/L	5.0	0.67	1		06/13/24 15:45	74-97-5	
Bromodichloromethane	ND	ug/L	5.0	0.28	1		06/13/24 15:45	75-27-4	
Bromoform	ND	ug/L	5.0	0.70	1		06/13/24 15:45	75-25-2	
Bromomethane	ND	ug/L	5.0	3.2	1		06/13/24 15:45	74-83-9	
2-Butanone (MEK)	ND	ug/L	25.0	1.5	1		06/13/24 15:45	78-93-3	
n-Butylbenzene	<b>8.2</b>	ug/L	5.0	0.43	1		06/13/24 15:45	104-51-8	
sec-Butylbenzene	ND	ug/L	5.0	0.39	1		06/13/24 15:45	135-98-8	
tert-Butylbenzene	ND	ug/L	5.0	0.37	1		06/13/24 15:45	98-06-6	
Carbon disulfide	ND	ug/L	10.0	0.33	1		06/13/24 15:45	75-15-0	
Carbon tetrachloride	ND	ug/L	5.0	0.50	1		06/13/24 15:45	56-23-5	
Chlorobenzene	ND	ug/L	5.0	0.29	1		06/13/24 15:45	108-90-7	
Chloroethane	ND	ug/L	5.0	1.5	1		06/13/24 15:45	75-00-3	

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## ANALYTICAL RESULTS

Project: Genesis Convention Center

Pace Project No.: 50375143

Sample: SB-15 Lab ID: 50375143015 Collected: 06/05/24 14:10 Received: 06/06/24 13:02 Matrix: Water

Parameters	Results	Units	Report			Prepared	Analyzed	CAS No.	Qual
			Limit	MDL	DF				
8260/5030 MSV									
Analytical Method: EPA 8260									
Pace Analytical Services - Indianapolis									
Chloroform	ND	ug/L	5.0	0.24	1		06/13/24 15:45	67-66-3	
Chloromethane	ND	ug/L	5.0	0.62	1		06/13/24 15:45	74-87-3	
2-Chlorotoluene	ND	ug/L	5.0	0.34	1		06/13/24 15:45	95-49-8	
4-Chlorotoluene	ND	ug/L	5.0	0.32	1		06/13/24 15:45	106-43-4	
Dibromochloromethane	ND	ug/L	5.0	0.44	1		06/13/24 15:45	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	5.0	0.31	1		06/13/24 15:45	106-93-4	
Dibromomethane	ND	ug/L	5.0	0.38	1		06/13/24 15:45	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	5.0	0.27	1		06/13/24 15:45	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	5.0	0.28	1		06/13/24 15:45	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	5.0	0.28	1		06/13/24 15:45	106-46-7	
trans-1,4-Dichloro-2-butene	ND	ug/L	100	0.53	1		06/13/24 15:45	110-57-6	
Dichlorodifluoromethane	ND	ug/L	5.0	0.76	1		06/13/24 15:45	75-71-8	
1,1-Dichloroethane	ND	ug/L	5.0	0.28	1		06/13/24 15:45	75-34-3	
1,2-Dichloroethane	ND	ug/L	5.0	0.24	1		06/13/24 15:45	107-06-2	
1,1-Dichloroethene	ND	ug/L	5.0	0.41	1		06/13/24 15:45	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	5.0	0.34	1		06/13/24 15:45	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	5.0	0.34	1		06/13/24 15:45	156-60-5	
1,2-Dichloropropane	ND	ug/L	5.0	0.31	1		06/13/24 15:45	78-87-5	
1,3-Dichloropropane	ND	ug/L	5.0	0.24	1		06/13/24 15:45	142-28-9	
2,2-Dichloropropane	ND	ug/L	5.0	0.42	1		06/13/24 15:45	594-20-7	
1,1-Dichloropropene	ND	ug/L	5.0	0.43	1		06/13/24 15:45	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	5.0	0.39	1		06/13/24 15:45	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	5.0	0.41	1		06/13/24 15:45	10061-02-6	
Ethylbenzene	ND	ug/L	5.0	0.31	1		06/13/24 15:45	100-41-4	
Ethyl methacrylate	ND	ug/L	100	0.35	1		06/13/24 15:45	97-63-2	
Hexachloro-1,3-butadiene	ND	ug/L	5.0	0.45	1		06/13/24 15:45	87-68-3	
n-Hexane	ND	ug/L	5.0	0.40	1		06/13/24 15:45	110-54-3	
2-Hexanone	ND	ug/L	25.0	1.7	1		06/13/24 15:45	591-78-6	
Iodomethane	ND	ug/L	10.0	0.87	1		06/13/24 15:45	74-88-4	
Isopropylbenzene (Cumene)	6.6	ug/L	5.0	0.35	1		06/13/24 15:45	98-82-8	
p-Isopropyltoluene	6.1	ug/L	5.0	0.39	1		06/13/24 15:45	99-87-6	
Methylene Chloride	ND	ug/L	5.0	1.3	1		06/13/24 15:45	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	25.0	1.6	1		06/13/24 15:45	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	4.0	0.22	1		06/13/24 15:45	1634-04-4	
Naphthalene	ND	ug/L	5.0	0.53	1		06/13/24 15:45	91-20-3	
n-Propylbenzene	10.1	ug/L	5.0	0.34	1		06/13/24 15:45	103-65-1	
Styrene	ND	ug/L	5.0	0.28	1		06/13/24 15:45	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	5.0	0.40	1		06/13/24 15:45	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	5.0	0.32	1		06/13/24 15:45	79-34-5	
Tetrachloroethene	ND	ug/L	5.0	0.36	1		06/13/24 15:45	127-18-4	
Toluene	ND	ug/L	5.0	0.30	1		06/13/24 15:45	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	5.0	0.42	1		06/13/24 15:45	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	5.0	0.29	1		06/13/24 15:45	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	5.0	0.41	1		06/13/24 15:45	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	5.0	0.30	1		06/13/24 15:45	79-00-5	

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### ANALYTICAL RESULTS

Project: Genesis Convention Center

Pace Project No.: 50375143

Sample: SB-15 Lab ID: 50375143015 Collected: 06/05/24 14:10 Received: 06/06/24 13:02 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260/5030 MSV</b>									
Analytical Method: EPA 8260									
Pace Analytical Services - Indianapolis									
Trichloroethene	ND	ug/L	5.0	0.31	1		06/13/24 15:45	79-01-6	
Trichlorofluoromethane	ND	ug/L	5.0	0.36	1		06/13/24 15:45	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	5.0	0.42	1		06/13/24 15:45	96-18-4	
1,2,4-Trimethylbenzene	77.7	ug/L	5.0	0.32	1		06/13/24 15:45	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/L	5.0	0.33	1		06/13/24 15:45	108-67-8	
Vinyl acetate	ND	ug/L	50.0	1.3	1		06/13/24 15:45	108-05-4	
Vinyl chloride	ND	ug/L	2.0	0.56	1		06/13/24 15:45	75-01-4	
Xylene (Total)	ND	ug/L	10.0	0.33	1		06/13/24 15:45	1330-20-7	
<b>Surrogates</b>									
Dibromofluoromethane (S)	98	%	82-128		1		06/13/24 15:45	1868-53-7	H1,pH
4-Bromofluorobenzene (S)	112	%	79-124		1		06/13/24 15:45	460-00-4	
Toluene-d8 (S)	103	%	73-122		1		06/13/24 15:45	2037-26-5	

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## ANALYTICAL RESULTS

Project: Genesis Convention Center

Pace Project No.: 50375143

Sample: SB-16 Lab ID: 50375143016 Collected: 06/05/24 14:25 Received: 06/06/24 13:02 Matrix: Water

Parameters	Results	Units	Report			Prepared	Analyzed	CAS No.	Qual
			Limit	MDL	DF				
<b>6010 MET ICP, Lab Filtered</b>									
Analytical Method: EPA 6010 Preparation Method: EPA 3010									
Pace Analytical Services - Indianapolis									
Lead, Dissolved	ND	ug/L	10.0	4.0	1	06/18/24 08:46	06/18/24 11:02	7439-92-1	
<b>8270 PAH by 3511</b>									
Analytical Method: EPA 8270 by SIM 40E Preparation Method: EPA 3511									
Pace Analytical Services - Indianapolis									
Acenaphthene	ND	ug/L	1.0	0.094	1	06/11/24 11:28	06/11/24 23:53	83-32-9	
Acenaphthylene	ND	ug/L	1.0	0.073	1	06/11/24 11:28	06/11/24 23:53	208-96-8	L1
Anthracene	ND	ug/L	0.10	0.081	1	06/11/24 11:28	06/11/24 23:53	120-12-7	
Benzo(a)anthracene	ND	ug/L	0.10	0.065	1	06/11/24 11:28	06/11/24 23:53	56-55-3	
Benzo(a)pyrene	ND	ug/L	0.10	0.070	1	06/11/24 11:28	06/11/24 23:53	50-32-8	L1
Benzo(b)fluoranthene	ND	ug/L	0.10	0.065	1	06/11/24 11:28	06/11/24 23:53	205-99-2	
Benzo(g,h,i)perylene	ND	ug/L	0.10	0.091	1	06/11/24 11:28	06/11/24 23:53	191-24-2	
Benzo(k)fluoranthene	ND	ug/L	0.10	0.068	1	06/11/24 11:28	06/11/24 23:53	207-08-9	
Chrysene	ND	ug/L	0.50	0.061	1	06/11/24 11:28	06/11/24 23:53	218-01-9	L1
Dibenz(a,h)anthracene	ND	ug/L	0.10	0.076	1	06/11/24 11:28	06/11/24 23:53	53-70-3	
Fluoranthene	ND	ug/L	1.0	0.074	1	06/11/24 11:28	06/11/24 23:53	206-44-0	L1
Fluorene	ND	ug/L	1.0	0.096	1	06/11/24 11:28	06/11/24 23:53	86-73-7	
Indeno(1,2,3-cd)pyrene	ND	ug/L	0.10	0.058	1	06/11/24 11:28	06/11/24 23:53	193-39-5	
1-Methylnaphthalene	ND	ug/L	1.0	0.087	1	06/11/24 11:28	06/11/24 23:53	90-12-0	
2-Methylnaphthalene	ND	ug/L	1.0	0.098	1	06/11/24 11:28	06/11/24 23:53	91-57-6	
Naphthalene	ND	ug/L	1.0	0.41	1	06/11/24 11:28	06/11/24 23:53	91-20-3	
Phenanthrene	ND	ug/L	1.0	0.10	1	06/11/24 11:28	06/11/24 23:53	85-01-8	L1
Pyrene	ND	ug/L	1.0	0.099	1	06/11/24 11:28	06/11/24 23:53	129-00-0	L1
<b>Surrogates</b>									
2-Fluorobiphenyl (S)	103	%	43-129		1	06/11/24 11:28	06/11/24 23:53	321-60-8	
p-Terphenyl-d14 (S)	133	%	64-162		1	06/11/24 11:28	06/11/24 23:53	1718-51-0	
<b>8260/5030 MSV</b>									
Analytical Method: EPA 8260									
Pace Analytical Services - Indianapolis									
Acetone	ND	ug/L	100	5.1	1		06/13/24 16:41	67-64-1	
Acrolein	ND	ug/L	50.0	13.2	1		06/13/24 16:41	107-02-8	
Acrylonitrile	ND	ug/L	100	0.97	1		06/13/24 16:41	107-13-1	
Benzene	ND	ug/L	5.0	0.29	1		06/13/24 16:41	71-43-2	
Bromobenzene	ND	ug/L	5.0	0.26	1		06/13/24 16:41	108-86-1	
Bromochloromethane	ND	ug/L	5.0	0.67	1		06/13/24 16:41	74-97-5	
Bromodichloromethane	ND	ug/L	5.0	0.28	1		06/13/24 16:41	75-27-4	
Bromoform	ND	ug/L	5.0	0.70	1		06/13/24 16:41	75-25-2	
Bromomethane	ND	ug/L	5.0	3.2	1		06/13/24 16:41	74-83-9	
2-Butanone (MEK)	ND	ug/L	25.0	1.5	1		06/13/24 16:41	78-93-3	
n-Butylbenzene	ND	ug/L	5.0	0.43	1		06/13/24 16:41	104-51-8	
sec-Butylbenzene	ND	ug/L	5.0	0.39	1		06/13/24 16:41	135-98-8	
tert-Butylbenzene	ND	ug/L	5.0	0.37	1		06/13/24 16:41	98-06-6	
Carbon disulfide	ND	ug/L	10.0	0.33	1		06/13/24 16:41	75-15-0	
Carbon tetrachloride	ND	ug/L	5.0	0.50	1		06/13/24 16:41	56-23-5	
Chlorobenzene	ND	ug/L	5.0	0.29	1		06/13/24 16:41	108-90-7	
Chloroethane	ND	ug/L	5.0	1.5	1		06/13/24 16:41	75-00-3	

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## ANALYTICAL RESULTS

Project: Genesis Convention Center

Pace Project No.: 50375143

Sample: SB-16 Lab ID: 50375143016 Collected: 06/05/24 14:25 Received: 06/06/24 13:02 Matrix: Water

Parameters	Results	Units	Report			Prepared	Analyzed	CAS No.	Qual
			Limit	MDL	DF				
<b>8260/5030 MSV</b>									
Analytical Method: EPA 8260									
Pace Analytical Services - Indianapolis									
Chloroform	ND	ug/L	5.0	0.24	1		06/13/24 16:41	67-66-3	
Chloromethane	ND	ug/L	5.0	0.62	1		06/13/24 16:41	74-87-3	
2-Chlorotoluene	ND	ug/L	5.0	0.34	1		06/13/24 16:41	95-49-8	
4-Chlorotoluene	ND	ug/L	5.0	0.32	1		06/13/24 16:41	106-43-4	
Dibromochloromethane	ND	ug/L	5.0	0.44	1		06/13/24 16:41	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	5.0	0.31	1		06/13/24 16:41	106-93-4	
Dibromomethane	ND	ug/L	5.0	0.38	1		06/13/24 16:41	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	5.0	0.27	1		06/13/24 16:41	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	5.0	0.28	1		06/13/24 16:41	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	5.0	0.28	1		06/13/24 16:41	106-46-7	
trans-1,4-Dichloro-2-butene	ND	ug/L	100	0.53	1		06/13/24 16:41	110-57-6	
Dichlorodifluoromethane	ND	ug/L	5.0	0.76	1		06/13/24 16:41	75-71-8	
1,1-Dichloroethane	ND	ug/L	5.0	0.28	1		06/13/24 16:41	75-34-3	
1,2-Dichloroethane	ND	ug/L	5.0	0.24	1		06/13/24 16:41	107-06-2	
1,1-Dichloroethene	ND	ug/L	5.0	0.41	1		06/13/24 16:41	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	5.0	0.34	1		06/13/24 16:41	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	5.0	0.34	1		06/13/24 16:41	156-60-5	
1,2-Dichloropropane	ND	ug/L	5.0	0.31	1		06/13/24 16:41	78-87-5	
1,3-Dichloropropane	ND	ug/L	5.0	0.24	1		06/13/24 16:41	142-28-9	
2,2-Dichloropropane	ND	ug/L	5.0	0.42	1		06/13/24 16:41	594-20-7	
1,1-Dichloropropene	ND	ug/L	5.0	0.43	1		06/13/24 16:41	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	5.0	0.39	1		06/13/24 16:41	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	5.0	0.41	1		06/13/24 16:41	10061-02-6	
Ethylbenzene	ND	ug/L	5.0	0.31	1		06/13/24 16:41	100-41-4	
Ethyl methacrylate	ND	ug/L	100	0.35	1		06/13/24 16:41	97-63-2	
Hexachloro-1,3-butadiene	ND	ug/L	5.0	0.45	1		06/13/24 16:41	87-68-3	
n-Hexane	ND	ug/L	5.0	0.40	1		06/13/24 16:41	110-54-3	
2-Hexanone	ND	ug/L	25.0	1.7	1		06/13/24 16:41	591-78-6	
Iodomethane	ND	ug/L	10.0	0.87	1		06/13/24 16:41	74-88-4	
Isopropylbenzene (Cumene)	ND	ug/L	5.0	0.35	1		06/13/24 16:41	98-82-8	
p-Isopropyltoluene	ND	ug/L	5.0	0.39	1		06/13/24 16:41	99-87-6	
Methylene Chloride	ND	ug/L	5.0	1.3	1		06/13/24 16:41	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	25.0	1.6	1		06/13/24 16:41	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	4.0	0.22	1		06/13/24 16:41	1634-04-4	
Naphthalene	ND	ug/L	5.0	0.53	1		06/13/24 16:41	91-20-3	
n-Propylbenzene	ND	ug/L	5.0	0.34	1		06/13/24 16:41	103-65-1	
Styrene	ND	ug/L	5.0	0.28	1		06/13/24 16:41	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	5.0	0.40	1		06/13/24 16:41	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	5.0	0.32	1		06/13/24 16:41	79-34-5	
Tetrachloroethene	ND	ug/L	5.0	0.36	1		06/13/24 16:41	127-18-4	
Toluene	ND	ug/L	5.0	0.30	1		06/13/24 16:41	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	5.0	0.42	1		06/13/24 16:41	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	5.0	0.29	1		06/13/24 16:41	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	5.0	0.41	1		06/13/24 16:41	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	5.0	0.30	1		06/13/24 16:41	79-00-5	

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### ANALYTICAL RESULTS

Project: Genesis Convention Center

Pace Project No.: 50375143

Sample: SB-16 Lab ID: 50375143016 Collected: 06/05/24 14:25 Received: 06/06/24 13:02 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260/5030 MSV</b>									
Analytical Method: EPA 8260									
Pace Analytical Services - Indianapolis									
Trichloroethene	ND	ug/L	5.0	0.31	1		06/13/24 16:41	79-01-6	
Trichlorofluoromethane	ND	ug/L	5.0	0.36	1		06/13/24 16:41	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	5.0	0.42	1		06/13/24 16:41	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/L	5.0	0.32	1		06/13/24 16:41	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/L	5.0	0.33	1		06/13/24 16:41	108-67-8	
Vinyl acetate	ND	ug/L	50.0	1.3	1		06/13/24 16:41	108-05-4	
Vinyl chloride	ND	ug/L	2.0	0.56	1		06/13/24 16:41	75-01-4	
Xylene (Total)	ND	ug/L	10.0	0.33	1		06/13/24 16:41	1330-20-7	
<b>Surrogates</b>									
Dibromofluoromethane (S)	99	%	82-128		1		06/13/24 16:41	1868-53-7	
4-Bromofluorobenzene (S)	99	%	79-124		1		06/13/24 16:41	460-00-4	
Toluene-d8 (S)	97	%	73-122		1		06/13/24 16:41	2037-26-5	

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## ANALYTICAL RESULTS

Project: Genesis Convention Center

Pace Project No.: 50375143

Sample: DUP Lab ID: 50375143017 Collected: 06/05/24 08:00 Received: 06/06/24 13:02 Matrix: Water

Parameters	Results	Units	Report			Prepared	Analyzed	CAS No.	Qual
			Limit	MDL	DF				
<b>6010 MET ICP, Lab Filtered</b>									
Analytical Method: EPA 6010 Preparation Method: EPA 3010									
Pace Analytical Services - Indianapolis									
Lead, Dissolved	ND	ug/L	10.0	4.0	1	06/18/24 08:46	06/18/24 11:04	7439-92-1	
<b>8270 PAH by 3511</b>									
Analytical Method: EPA 8270 by SIM 40E Preparation Method: EPA 3511									
Pace Analytical Services - Indianapolis									
Acenaphthene	ND	ug/L	1.0	0.094	1	06/11/24 11:28	06/12/24 00:04	83-32-9	
Acenaphthylene	ND	ug/L	1.0	0.073	1	06/11/24 11:28	06/12/24 00:04	208-96-8	L1
Anthracene	ND	ug/L	0.10	0.081	1	06/11/24 11:28	06/12/24 00:04	120-12-7	
Benzo(a)anthracene	ND	ug/L	0.10	0.065	1	06/11/24 11:28	06/12/24 00:04	56-55-3	
Benzo(a)pyrene	ND	ug/L	0.10	0.070	1	06/11/24 11:28	06/12/24 00:04	50-32-8	L1
Benzo(b)fluoranthene	ND	ug/L	0.10	0.065	1	06/11/24 11:28	06/12/24 00:04	205-99-2	
Benzo(g,h,i)perylene	ND	ug/L	0.10	0.091	1	06/11/24 11:28	06/12/24 00:04	191-24-2	
Benzo(k)fluoranthene	ND	ug/L	0.10	0.068	1	06/11/24 11:28	06/12/24 00:04	207-08-9	
Chrysene	ND	ug/L	0.50	0.061	1	06/11/24 11:28	06/12/24 00:04	218-01-9	L1
Dibenz(a,h)anthracene	ND	ug/L	0.10	0.076	1	06/11/24 11:28	06/12/24 00:04	53-70-3	
Fluoranthene	ND	ug/L	1.0	0.074	1	06/11/24 11:28	06/12/24 00:04	206-44-0	L1
Fluorene	ND	ug/L	1.0	0.096	1	06/11/24 11:28	06/12/24 00:04	86-73-7	
Indeno(1,2,3-cd)pyrene	ND	ug/L	0.10	0.058	1	06/11/24 11:28	06/12/24 00:04	193-39-5	
1-Methylnaphthalene	ND	ug/L	1.0	0.087	1	06/11/24 11:28	06/12/24 00:04	90-12-0	
2-Methylnaphthalene	ND	ug/L	1.0	0.098	1	06/11/24 11:28	06/12/24 00:04	91-57-6	
Naphthalene	ND	ug/L	1.0	0.41	1	06/11/24 11:28	06/12/24 00:04	91-20-3	
Phenanthrene	ND	ug/L	1.0	0.10	1	06/11/24 11:28	06/12/24 00:04	85-01-8	L1
Pyrene	ND	ug/L	1.0	0.099	1	06/11/24 11:28	06/12/24 00:04	129-00-0	L1
<b>Surrogates</b>									
2-Fluorobiphenyl (S)	102	%	43-129		1	06/11/24 11:28	06/12/24 00:04	321-60-8	
p-Terphenyl-d14 (S)	129	%	64-162		1	06/11/24 11:28	06/12/24 00:04	1718-51-0	
<b>8260/5030 MSV</b>									
Analytical Method: EPA 8260									
Pace Analytical Services - Indianapolis									
Acetone	ND	ug/L	100	5.1	1		06/13/24 17:09	67-64-1	
Acrolein	ND	ug/L	50.0	13.2	1		06/13/24 17:09	107-02-8	
Acrylonitrile	ND	ug/L	100	0.97	1		06/13/24 17:09	107-13-1	
Benzene	ND	ug/L	5.0	0.29	1		06/13/24 17:09	71-43-2	
Bromobenzene	ND	ug/L	5.0	0.26	1		06/13/24 17:09	108-86-1	
Bromochloromethane	ND	ug/L	5.0	0.67	1		06/13/24 17:09	74-97-5	
Bromodichloromethane	ND	ug/L	5.0	0.28	1		06/13/24 17:09	75-27-4	
Bromoform	ND	ug/L	5.0	0.70	1		06/13/24 17:09	75-25-2	
Bromomethane	ND	ug/L	5.0	3.2	1		06/13/24 17:09	74-83-9	
2-Butanone (MEK)	ND	ug/L	25.0	1.5	1		06/13/24 17:09	78-93-3	
n-Butylbenzene	ND	ug/L	5.0	0.43	1		06/13/24 17:09	104-51-8	
sec-Butylbenzene	ND	ug/L	5.0	0.39	1		06/13/24 17:09	135-98-8	
tert-Butylbenzene	ND	ug/L	5.0	0.37	1		06/13/24 17:09	98-06-6	
Carbon disulfide	ND	ug/L	10.0	0.33	1		06/13/24 17:09	75-15-0	
Carbon tetrachloride	ND	ug/L	5.0	0.50	1		06/13/24 17:09	56-23-5	
Chlorobenzene	ND	ug/L	5.0	0.29	1		06/13/24 17:09	108-90-7	
Chloroethane	ND	ug/L	5.0	1.5	1		06/13/24 17:09	75-00-3	

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## ANALYTICAL RESULTS

Project: Genesis Convention Center

Pace Project No.: 50375143

Sample: DUP Lab ID: 50375143017 Collected: 06/05/24 08:00 Received: 06/06/24 13:02 Matrix: Water

Parameters	Results	Units	Report			Prepared	Analyzed	CAS No.	Qual
			Limit	MDL	DF				
8260/5030 MSV Analytical Method: EPA 8260 Pace Analytical Services - Indianapolis									
Chloroform	ND	ug/L	5.0	0.24	1		06/13/24 17:09	67-66-3	
Chloromethane	ND	ug/L	5.0	0.62	1		06/13/24 17:09	74-87-3	
2-Chlorotoluene	ND	ug/L	5.0	0.34	1		06/13/24 17:09	95-49-8	
4-Chlorotoluene	ND	ug/L	5.0	0.32	1		06/13/24 17:09	106-43-4	
Dibromochloromethane	ND	ug/L	5.0	0.44	1		06/13/24 17:09	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	5.0	0.31	1		06/13/24 17:09	106-93-4	
Dibromomethane	ND	ug/L	5.0	0.38	1		06/13/24 17:09	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	5.0	0.27	1		06/13/24 17:09	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	5.0	0.28	1		06/13/24 17:09	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	5.0	0.28	1		06/13/24 17:09	106-46-7	
trans-1,4-Dichloro-2-butene	ND	ug/L	100	0.53	1		06/13/24 17:09	110-57-6	
Dichlorodifluoromethane	ND	ug/L	5.0	0.76	1		06/13/24 17:09	75-71-8	
1,1-Dichloroethane	ND	ug/L	5.0	0.28	1		06/13/24 17:09	75-34-3	
1,2-Dichloroethane	ND	ug/L	5.0	0.24	1		06/13/24 17:09	107-06-2	
1,1-Dichloroethene	ND	ug/L	5.0	0.41	1		06/13/24 17:09	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	5.0	0.34	1		06/13/24 17:09	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	5.0	0.34	1		06/13/24 17:09	156-60-5	
1,2-Dichloropropane	ND	ug/L	5.0	0.31	1		06/13/24 17:09	78-87-5	
1,3-Dichloropropane	ND	ug/L	5.0	0.24	1		06/13/24 17:09	142-28-9	
2,2-Dichloropropane	ND	ug/L	5.0	0.42	1		06/13/24 17:09	594-20-7	
1,1-Dichloropropene	ND	ug/L	5.0	0.43	1		06/13/24 17:09	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	5.0	0.39	1		06/13/24 17:09	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	5.0	0.41	1		06/13/24 17:09	10061-02-6	
Ethylbenzene	ND	ug/L	5.0	0.31	1		06/13/24 17:09	100-41-4	
Ethyl methacrylate	ND	ug/L	100	0.35	1		06/13/24 17:09	97-63-2	
Hexachloro-1,3-butadiene	ND	ug/L	5.0	0.45	1		06/13/24 17:09	87-68-3	
n-Hexane	ND	ug/L	5.0	0.40	1		06/13/24 17:09	110-54-3	
2-Hexanone	ND	ug/L	25.0	1.7	1		06/13/24 17:09	591-78-6	
Iodomethane	ND	ug/L	10.0	0.87	1		06/13/24 17:09	74-88-4	
Isopropylbenzene (Cumene)	ND	ug/L	5.0	0.35	1		06/13/24 17:09	98-82-8	
p-Isopropyltoluene	ND	ug/L	5.0	0.39	1		06/13/24 17:09	99-87-6	
Methylene Chloride	ND	ug/L	5.0	1.3	1		06/13/24 17:09	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	25.0	1.6	1		06/13/24 17:09	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	4.0	0.22	1		06/13/24 17:09	1634-04-4	
Naphthalene	ND	ug/L	5.0	0.53	1		06/13/24 17:09	91-20-3	
n-Propylbenzene	ND	ug/L	5.0	0.34	1		06/13/24 17:09	103-65-1	
Styrene	ND	ug/L	5.0	0.28	1		06/13/24 17:09	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	5.0	0.40	1		06/13/24 17:09	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	5.0	0.32	1		06/13/24 17:09	79-34-5	
Tetrachloroethene	ND	ug/L	5.0	0.36	1		06/13/24 17:09	127-18-4	
Toluene	ND	ug/L	5.0	0.30	1		06/13/24 17:09	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	5.0	0.42	1		06/13/24 17:09	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	5.0	0.29	1		06/13/24 17:09	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	5.0	0.41	1		06/13/24 17:09	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	5.0	0.30	1		06/13/24 17:09	79-00-5	

## REPORT OF LABORATORY ANALYSIS

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### ANALYTICAL RESULTS

Project: Genesis Convention Center

Pace Project No.: 50375143

Sample: DUP Lab ID: 50375143017 Collected: 06/05/24 08:00 Received: 06/06/24 13:02 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260/5030 MSV</b>									
Analytical Method: EPA 8260									
Pace Analytical Services - Indianapolis									
Trichloroethene	ND	ug/L	5.0	0.31	1		06/13/24 17:09	79-01-6	
Trichlorofluoromethane	ND	ug/L	5.0	0.36	1		06/13/24 17:09	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	5.0	0.42	1		06/13/24 17:09	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/L	5.0	0.32	1		06/13/24 17:09	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/L	5.0	0.33	1		06/13/24 17:09	108-67-8	
Vinyl acetate	ND	ug/L	50.0	1.3	1		06/13/24 17:09	108-05-4	
Vinyl chloride	ND	ug/L	2.0	0.56	1		06/13/24 17:09	75-01-4	
Xylene (Total)	ND	ug/L	10.0	0.33	1		06/13/24 17:09	1330-20-7	
<b>Surrogates</b>									
Dibromofluoromethane (S)	99	%	82-128		1		06/13/24 17:09	1868-53-7	
4-Bromofluorobenzene (S)	99	%	79-124		1		06/13/24 17:09	460-00-4	
Toluene-d8 (S)	98	%	73-122		1		06/13/24 17:09	2037-26-5	

### REPORT OF LABORATORY ANALYSIS

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**QUALITY CONTROL DATA**

Project: Genesis Convention Center

Pace Project No.: 50375143

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QC Batch: 795791 Analysis Method: EPA 6010  
 QC Batch Method: EPA 3010 Analysis Description: 6010 MET Dissolved  
 Laboratory: Pace Analytical Services - Indianapolis  
 Associated Lab Samples: 50375143001, 50375143002, 50375143003, 50375143004, 50375143005, 50375143006, 50375143007, 50375143008, 50375143009, 50375143010, 50375143011, 50375143012, 50375143013, 50375143014, 50375143015, 50375143016, 50375143017

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METHOD BLANK: 3641270 Matrix: Water  
 Associated Lab Samples: 50375143001, 50375143002, 50375143003, 50375143004, 50375143005, 50375143006, 50375143007, 50375143008, 50375143009, 50375143010, 50375143011, 50375143012, 50375143013, 50375143014, 50375143015, 50375143016, 50375143017

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Lead, Dissolved	ug/L	ND	10.0	4.0	06/18/24 10:17	

LABORATORY CONTROL SAMPLE: 3641271

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Lead, Dissolved	ug/L	1000	945	94	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3641272 3641273

Parameter	Units	50375143002 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Lead, Dissolved	ug/L	ND	1000	1000	955	979	96	98	75-125	2	20	

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## QUALITY CONTROL DATA

Project: Genesis Convention Center

Pace Project No.: 50375143

QC Batch: 795562 Analysis Method: EPA 8260

QC Batch Method: EPA 8260 Analysis Description: 8260 MSV

Laboratory: Pace Analytical Services - Indianapolis

Associated Lab Samples: 50375143002, 50375143004, 50375143005, 50375143006, 50375143007, 50375143008, 50375143009

METHOD BLANK: 3640084 Matrix: Water

Associated Lab Samples: 50375143002, 50375143004, 50375143005, 50375143006, 50375143007, 50375143008, 50375143009

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	ND	5.0	0.42	06/13/24 11:47	
1,1,1-Trichloroethane	ug/L	ND	5.0	0.45	06/13/24 11:47	
1,1,2,2-Tetrachloroethane	ug/L	ND	5.0	0.27	06/13/24 11:47	
1,1,2-Trichloroethane	ug/L	ND	5.0	0.31	06/13/24 11:47	
1,1-Dichloroethane	ug/L	ND	5.0	0.31	06/13/24 11:47	
1,1-Dichloroethene	ug/L	ND	5.0	0.37	06/13/24 11:47	
1,1-Dichloropropene	ug/L	ND	5.0	0.94	06/13/24 11:47	
1,2,3-Trichlorobenzene	ug/L	ND	5.0	0.79	06/13/24 11:47	
1,2,3-Trichloropropane	ug/L	ND	5.0	0.35	06/13/24 11:47	
1,2,4-Trichlorobenzene	ug/L	ND	5.0	0.54	06/13/24 11:47	
1,2,4-Trimethylbenzene	ug/L	ND	5.0	0.35	06/13/24 11:47	
1,2-Dibromoethane (EDB)	ug/L	ND	5.0	0.28	06/13/24 11:47	
1,2-Dichlorobenzene	ug/L	ND	5.0	0.28	06/13/24 11:47	
1,2-Dichloroethane	ug/L	ND	5.0	0.24	06/13/24 11:47	
1,2-Dichloropropane	ug/L	ND	5.0	0.27	06/13/24 11:47	
1,3,5-Trimethylbenzene	ug/L	ND	5.0	0.33	06/13/24 11:47	
1,3-Dichlorobenzene	ug/L	ND	5.0	0.30	06/13/24 11:47	
1,3-Dichloropropane	ug/L	ND	5.0	0.23	06/13/24 11:47	
1,4-Dichlorobenzene	ug/L	ND	5.0	0.28	06/13/24 11:47	
2,2-Dichloropropane	ug/L	ND	5.0	0.93	06/13/24 11:47	
2-Butanone (MEK)	ug/L	ND	25.0	1.2	06/13/24 11:47	
2-Chlorotoluene	ug/L	ND	5.0	0.32	06/13/24 11:47	
2-Hexanone	ug/L	ND	25.0	1.7	06/13/24 11:47	
4-Chlorotoluene	ug/L	ND	5.0	0.31	06/13/24 11:47	
4-Methyl-2-pentanone (MIBK)	ug/L	ND	25.0	1.5	06/13/24 11:47	
Acetone	ug/L	ND	100	3.5	06/13/24 11:47	
Acrolein	ug/L	ND	50.0	6.9	06/13/24 11:47	
Acrylonitrile	ug/L	ND	100	1.7	06/13/24 11:47	
Benzene	ug/L	ND	5.0	0.30	06/13/24 11:47	
Bromobenzene	ug/L	ND	5.0	0.40	06/13/24 11:47	
Bromochloromethane	ug/L	ND	5.0	0.32	06/13/24 11:47	
Bromodichloromethane	ug/L	ND	5.0	0.36	06/13/24 11:47	
Bromoform	ug/L	ND	5.0	0.61	06/13/24 11:47	
Bromomethane	ug/L	ND	5.0	2.5	06/13/24 11:47	
Carbon disulfide	ug/L	ND	10.0	0.36	06/13/24 11:47	
Carbon tetrachloride	ug/L	ND	5.0	0.50	06/13/24 11:47	
Chlorobenzene	ug/L	ND	5.0	0.29	06/13/24 11:47	
Chloroethane	ug/L	ND	5.0	0.62	06/13/24 11:47	
Chloroform	ug/L	ND	5.0	0.27	06/13/24 11:47	
Chloromethane	ug/L	ND	5.0	0.51	06/13/24 11:47	

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## REPORT OF LABORATORY ANALYSIS

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**QUALITY CONTROL DATA**

Project: Genesis Convention Center  
 Pace Project No.: 50375143

METHOD BLANK: 3640084 Matrix: Water  
 Associated Lab Samples: 50375143002, 50375143004, 50375143005, 50375143006, 50375143007, 50375143008, 50375143009

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
cis-1,2-Dichloroethene	ug/L	ND	5.0	0.30	06/13/24 11:47	
cis-1,3-Dichloropropene	ug/L	ND	5.0	0.44	06/13/24 11:47	
Dibromochloromethane	ug/L	ND	5.0	0.42	06/13/24 11:47	
Dibromomethane	ug/L	ND	5.0	0.36	06/13/24 11:47	
Dichlorodifluoromethane	ug/L	ND	5.0	0.79	06/13/24 11:47	
Ethyl methacrylate	ug/L	ND	100	0.33	06/13/24 11:47	
Ethylbenzene	ug/L	ND	5.0	0.34	06/13/24 11:47	
Hexachloro-1,3-butadiene	ug/L	ND	5.0	0.48	06/13/24 11:47	
Iodomethane	ug/L	ND	10.0	0.76	06/13/24 11:47	
Isopropylbenzene (Cumene)	ug/L	ND	5.0	0.34	06/13/24 11:47	
Methyl-tert-butyl ether	ug/L	ND	4.0	0.24	06/13/24 11:47	
Methylene Chloride	ug/L	ND	5.0	1.6	06/13/24 11:47	
n-Butylbenzene	ug/L	ND	5.0	0.36	06/13/24 11:47	
n-Hexane	ug/L	ND	5.0	3.9	06/13/24 11:47	
n-Propylbenzene	ug/L	ND	5.0	0.32	06/13/24 11:47	
Naphthalene	ug/L	ND	5.0	0.91	06/13/24 11:47	
p-Isopropyltoluene	ug/L	ND	5.0	0.36	06/13/24 11:47	
sec-Butylbenzene	ug/L	ND	5.0	0.34	06/13/24 11:47	
Styrene	ug/L	ND	5.0	0.27	06/13/24 11:47	
tert-Butylbenzene	ug/L	ND	5.0	0.36	06/13/24 11:47	
Tetrachloroethene	ug/L	ND	5.0	0.36	06/13/24 11:47	
Toluene	ug/L	ND	5.0	0.31	06/13/24 11:47	
trans-1,2-Dichloroethene	ug/L	ND	5.0	0.35	06/13/24 11:47	
trans-1,3-Dichloropropene	ug/L	ND	5.0	0.41	06/13/24 11:47	
trans-1,4-Dichloro-2-butene	ug/L	ND	100	0.41	06/13/24 11:47	
Trichloroethene	ug/L	ND	5.0	0.36	06/13/24 11:47	
Trichlorofluoromethane	ug/L	ND	5.0	0.41	06/13/24 11:47	
Vinyl acetate	ug/L	ND	50.0	1.5	06/13/24 11:47	
Vinyl chloride	ug/L	ND	2.0	0.47	06/13/24 11:47	
Xylene (Total)	ug/L	ND	10.0	0.39	06/13/24 11:47	
4-Bromofluorobenzene (S)	%	98	79-124		06/13/24 11:47	
Dibromofluoromethane (S)	%	99	82-128		06/13/24 11:47	
Toluene-d8 (S)	%	98	73-122		06/13/24 11:47	

LABORATORY CONTROL SAMPLE: 3640085

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	50	50.1	100	81-130	
1,1,1-Trichloroethane	ug/L	50	49.1	98	71-126	
1,1,2,2-Tetrachloroethane	ug/L	50	48.6	97	70-126	
1,1,2-Trichloroethane	ug/L	50	49.7	99	79-125	
1,1-Dichloroethane	ug/L	50	48.8	98	79-120	
1,1-Dichloroethene	ug/L	50	46.4	93	71-130	
1,1-Dichloropropene	ug/L	50	53.1	106	78-144	

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## QUALITY CONTROL DATA

Project: Genesis Convention Center

Pace Project No.: 50375143

LABORATORY CONTROL SAMPLE: 3640085

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,2,3-Trichlorobenzene	ug/L	50	49.7	99	57-146	
1,2,3-Trichloropropane	ug/L	50	50.4	101	74-127	
1,2,4-Trichlorobenzene	ug/L	50	49.3	99	62-136	
1,2,4-Trimethylbenzene	ug/L	50	45.8	92	69-120	
1,2-Dibromoethane (EDB)	ug/L	50	50.1	100	80-120	
1,2-Dichlorobenzene	ug/L	50	48.4	97	79-123	
1,2-Dichloroethane	ug/L	50	51.4	103	72-123	
1,2-Dichloropropane	ug/L	50	52.1	104	76-125	
1,3,5-Trimethylbenzene	ug/L	50	46.2	92	71-120	
1,3-Dichlorobenzene	ug/L	50	47.4	95	78-117	
1,3-Dichloropropane	ug/L	50	49.3	99	77-126	
1,4-Dichlorobenzene	ug/L	50	47.0	94	79-116	
2,2-Dichloropropane	ug/L	50	48.8	98	48-138	
2-Butanone (MEK)	ug/L	250	301	121	67-135	
2-Chlorotoluene	ug/L	50	48.0	96	75-122	
2-Hexanone	ug/L	250	267	107	65-135	
4-Chlorotoluene	ug/L	50	48.1	96	77-120	
4-Methyl-2-pentanone (MIBK)	ug/L	250	267	107	69-136	
Acetone	ug/L	250	232	93	34-156	
Acrolein	ug/L	1000	937	94	59-191	
Acrylonitrile	ug/L	250	278	111	67-146	
Benzene	ug/L	50	48.6	97	76-122	
Bromobenzene	ug/L	50	47.8	96	75-121	
Bromochloromethane	ug/L	50	48.9	98	73-119	
Bromodichloromethane	ug/L	50	52.2	104	80-126	
Bromoform	ug/L	50	52.4	105	77-124	
Bromomethane	ug/L	50	30.3	61	10-175	
Carbon disulfide	ug/L	50	42.8	86	69-121	
Carbon tetrachloride	ug/L	50	50.0	100	73-127	
Chlorobenzene	ug/L	50	48.1	96	76-118	
Chloroethane	ug/L	50	49.1	98	36-162	
Chloroform	ug/L	50	50.2	100	78-121	
Chloromethane	ug/L	50	42.2	84	37-143	
cis-1,2-Dichloroethene	ug/L	50	48.6	97	77-123	
cis-1,3-Dichloropropene	ug/L	50	49.5	99	76-132	
Dibromochloromethane	ug/L	50	51.8	104	79-130	
Dibromomethane	ug/L	50	52.0	104	79-124	
Dichlorodifluoromethane	ug/L	50	24.7	49	29-126	
Ethyl methacrylate	ug/L	50	52.8J	106	78-137	
Ethylbenzene	ug/L	50	48.1	96	76-120	
Hexachloro-1,3-butadiene	ug/L	50	47.5	95	60-131	
Iodomethane	ug/L	50	18.4	37	10-148	
Isopropylbenzene (Cumene)	ug/L	50	41.3	83	71-124	
Methyl-tert-butyl ether	ug/L	50	48.7	97	71-121	
Methylene Chloride	ug/L	50	46.7	93	71-121	
n-Butylbenzene	ug/L	50	49.0	98	68-131	
n-Hexane	ug/L	50	46.7	93	51-126	

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**QUALITY CONTROL DATA**

Project: Genesis Convention Center  
Pace Project No.: 50375143

LABORATORY CONTROL SAMPLE: 3640085

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
n-Propylbenzene	ug/L	50	44.8	90	67-127	
Naphthalene	ug/L	50	48.0	96	62-143	
p-Isopropyltoluene	ug/L	50	46.6	93	72-124	
sec-Butylbenzene	ug/L	50	47.6	95	71-126	
Styrene	ug/L	50	48.5	97	80-121	
tert-Butylbenzene	ug/L	50	47.9	96	71-128	
Tetrachloroethene	ug/L	50	48.7	97	71-122	
Toluene	ug/L	50	45.9	92	74-118	
trans-1,2-Dichloroethene	ug/L	50	47.4	95	75-122	
trans-1,3-Dichloropropene	ug/L	50	49.6	99	77-126	
trans-1,4-Dichloro-2-butene	ug/L	50	55.8J	112	53-136	
Trichloroethene	ug/L	50	48.8	98	74-125	
Trichlorofluoromethane	ug/L	50	46.9	94	64-138	
Vinyl acetate	ug/L	200	216	108	74-154	
Vinyl chloride	ug/L	50	43.5	87	55-139	
Xylene (Total)	ug/L	150	138	92	73-119	
4-Bromofluorobenzene (S)	%			98	79-124	
Dibromofluoromethane (S)	%			99	82-128	
Toluene-d8 (S)	%			100	73-122	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3640086 3640087

Parameter	Units	MS		MSD		MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
		50375143002	Result	Spike Conc.	Spike Conc.								
1,1,1,2-Tetrachloroethane	ug/L	ND	ND	50	50	22.2	29.7	44	59	47-139	29	20	M1,R1
1,1,1-Trichloroethane	ug/L	ND	ND	50	50	23.4	30.2	47	60	47-145	25	20	R1
1,1,2,2-Tetrachloroethane	ug/L	ND	ND	50	50	21.4	28.8	43	58	49-133	30	20	M1,R1
1,1,2-Trichloroethane	ug/L	ND	ND	50	50	22.3	29.4	45	59	52-136	28	20	M1,R1
1,1-Dichloroethane	ug/L	ND	ND	50	50	24.1	30.1	48	60	52-137	22	20	M1,R1
1,1-Dichloroethene	ug/L	ND	ND	50	50	21.7	26.9	43	54	53-144	21	20	M1,R1
1,1-Dichloropropene	ug/L	ND	ND	50	50	25.4	32.1	51	64	49-150	23	20	R1
1,2,3-Trichlorobenzene	ug/L	ND	ND	50	50	20.8	28.3	42	57	20-153	31	20	R1
1,2,3-Trichloropropane	ug/L	ND	ND	50	50	22.3	29.3	45	59	47-134	27	20	M1,R1
1,2,4-Trichlorobenzene	ug/L	ND	ND	50	50	21.2	27.7	42	55	23-141	26	20	R1
1,2,4-Trimethylbenzene	ug/L	ND	ND	50	50	22.9	28.5	46	57	41-131	22	20	R1
1,2-Dibromoethane (EDB)	ug/L	ND	ND	50	50	21.8	29.6	44	59	55-133	30	20	M1,R1
1,2-Dichlorobenzene	ug/L	ND	ND	50	50	22.3	28.4	45	57	43-133	24	20	R1
1,2-Dichloroethane	ug/L	ND	ND	50	50	24.2	30.6	48	61	50-138	23	20	M1,R1
1,2-Dichloropropane	ug/L	ND	ND	50	50	24.4	31.4	49	63	54-139	25	20	M1,R1
1,3,5-Trimethylbenzene	ug/L	ND	ND	50	50	22.8	28.8	46	58	39-133	23	20	R1
1,3-Dichlorobenzene	ug/L	ND	ND	50	50	22.4	28.2	45	56	41-131	23	20	R1
1,3-Dichloropropane	ug/L	ND	ND	50	50	22.4	29.6	45	59	50-136	28	20	M1,R1
1,4-Dichlorobenzene	ug/L	ND	ND	50	50	21.9	27.6	44	55	41-131	23	20	R1
2,2-Dichloropropane	ug/L	ND	ND	50	50	19.7	25.5	39	51	17-141	26	20	R1
2-Butanone (MEK)	ug/L	ND	250	250	250	131	172	52	69	45-138	27	20	R1

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**REPORT OF LABORATORY ANALYSIS**

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**QUALITY CONTROL DATA**

Project: Genesis Convention Center  
 Pace Project No.: 50375143

MATRIX SPIKE & MATRIX SPIKE DUPLICATE:		3640086			3640087								
Parameter	Units	50375143002 Result	MS	MSD	MS	MSD	MS	MSD	% Rec Limits	RPD	Max RPD	Qual	
			Spike Conc.	Spike Conc.	Result	Result	% Rec	% Rec					
2-Chlorotoluene	ug/L	ND	50	50	23.5	28.6	47	57	36-141	20	20		
2-Hexanone	ug/L	ND	250	250	117	158	47	63	45-135	30	20	R1	
4-Chlorotoluene	ug/L	ND	50	50	22.3	28.2	45	56	38-134	23	20	R1	
4-Methyl-2-pentanone (MIBK)	ug/L	ND	250	250	120	160	48	64	46-138	28	20	R1	
Acetone	ug/L	ND	250	250	111	136	42	53	25-151	20	20		
Acrolein	ug/L	ND	1000	1000	420	557	42	56	36-168	28	20	R1	
Acrylonitrile	ug/L	ND	250	250	124	162	50	65	47-147	27	20	R1	
Benzene	ug/L	ND	50	50	23.7	30.1	47	60	53-138	24	20	M1,R1	
Bromobenzene	ug/L	ND	50	50	21.8	28.2	44	56	47-130	26	20	M1,R1	
Bromochloromethane	ug/L	ND	50	50	24.8	30.2	50	60	52-130	20	20	M1	
Bromodichloromethane	ug/L	ND	50	50	23.4	30.8	47	62	50-146	27	20	M1,R1	
Bromoform	ug/L	ND	50	50	20.5	29.1	41	58	45-132	35	20	M1,R1	
Bromomethane	ug/L	ND	50	50	4.5J	8.3	9	17	10-173		20	M1	
Carbon disulfide	ug/L	ND	50	50	19.7	24.5	39	49	47-133	22	20	M1,R1	
Carbon tetrachloride	ug/L	ND	50	50	22.7	29.9	45	60	43-148	27	20	R1	
Chlorobenzene	ug/L	ND	50	50	22.7	29.2	45	58	52-131	25	20	M1,R1	
Chloroethane	ug/L	ND	50	50	23.4	29.5	47	59	25-169	23	20	R1	
Chloroform	ug/L	ND	50	50	24.2	30.8	48	62	54-138	24	20	M1,R1	
Chloromethane	ug/L	ND	50	50	16.6	20.9	33	42	33-137	23	20	R1	
cis-1,2-Dichloroethene	ug/L	ND	50	50	23.0	29.2	46	58	50-141	24	20	M1,R1	
cis-1,3-Dichloropropene	ug/L	ND	50	50	21.5	28.8	43	58	47-135	29	20	M1,R1	
Dibromochloromethane	ug/L	ND	50	50	22.3	30.2	45	60	48-139	30	20	M1,R1	
Dibromomethane	ug/L	ND	50	50	23.4	29.9	47	60	51-141	24	20	M1,R1	
Dichlorodifluoromethane	ug/L	ND	50	50	7.8	8.9	16	18	15-130	13	20		
Ethyl methacrylate	ug/L	ND	50	50	22.6J	30.5J	45	61	51-142		20	M1	
Ethylbenzene	ug/L	ND	50	50	23.0	29.6	45	58	50-136	25	20	M1,R1	
Hexachloro-1,3-butadiene	ug/L	ND	50	50	27.4	33.1	55	66	15-141	19	20		
Iodomethane	ug/L	ND	50	50	3.4J	7.4J	7	15	10-145		20	M1	
Isopropylbenzene (Cumene)	ug/L	ND	50	50	20.0	25.8	40	52	46-137	25	20	M1,R1	
Methyl-tert-butyl ether	ug/L	ND	50	50	21.6	28.4	43	57	47-135	27	20	M1,R1	
Methylene Chloride	ug/L	ND	50	50	20.9	27.0	42	54	48-131	25	20	M1,R1	
n-Butylbenzene	ug/L	ND	50	50	24.0	29.8	48	60	30-138	22	20	R1	
n-Hexane	ug/L	ND	50	50	20.2	23.3	40	47	35-137	14	20		
n-Propylbenzene	ug/L	ND	50	50	22.2	27.3	44	55	37-135	21	20	R1	
Naphthalene	ug/L	ND	50	50	19.8	27.6	40	55	34-152	33	20	R1	
p-Isopropyltoluene	ug/L	ND	50	50	22.9	29.1	46	58	35-136	24	20	R1	
sec-Butylbenzene	ug/L	ND	50	50	24.1	30.1	48	60	36-137	22	20	R1	
Styrene	ug/L	ND	50	50	22.8	28.9	46	58	46-136	24	20	R1	
tert-Butylbenzene	ug/L	ND	50	50	26.4	32.8	53	66	40-137	22	20	R1	
Tetrachloroethene	ug/L	ND	50	50	22.5	28.5	45	57	44-138	24	20	R1	
Toluene	ug/L	ND	50	50	23.2	29.6	44	57	52-132	24	20	M1,R1	
trans-1,2-Dichloroethene	ug/L	ND	50	50	22.6	28.8	45	58	50-137	24	20	M1,R1	
trans-1,3-Dichloropropene	ug/L	ND	50	50	20.9	27.8	42	56	46-130	29	20	M1,R1	
trans-1,4-Dichloro-2-butene	ug/L	ND	50	50	18.7J	23.8J	37	48	24-134		20		

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**QUALITY CONTROL DATA**

Project: Genesis Convention Center

Pace Project No.: 50375143

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3640086 3640087													
Parameter	Units	50375143002		MSD		MSD		% Rec		% Rec Limits	RPD	Max RPD	Qual
		Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec					
Trichloroethene	ug/L	ND	50	50	23.1	29.7	46	59	49-140	25	20	M1,R1	
Trichlorofluoromethane	ug/L	ND	50	50	21.8	27.0	44	54	44-153	21	20	R1	
Vinyl acetate	ug/L	ND	200	200	102	131	51	66	32-142	25	20	R1	
Vinyl chloride	ug/L	ND	50	50	18.5	23.1	37	46	41-147	22	20	M1,R1	
Xylene (Total)	ug/L	ND	150	150	65.8	85.0	44	57	44-138	25	20	MS,RS	
4-Bromofluorobenzene (S)	%						97	99	79-124				
Dibromofluoromethane (S)	%						101	98	82-128			H1,pH	
Toluene-d8 (S)	%						99	99	73-122				

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QUALITY CONTROL DATA

Project: Genesis Convention Center

Pace Project No.: 50375143

QC Batch: 795563 Analysis Method: EPA 8260

QC Batch Method: EPA 8260 Analysis Description: 8260 MSV

Laboratory: Pace Analytical Services - Indianapolis

Associated Lab Samples: 50375143001, 50375143003, 50375143010, 50375143011, 50375143012, 50375143013, 50375143014, 50375143015, 50375143016, 50375143017

METHOD BLANK: 3640090 Matrix: Water

Associated Lab Samples: 50375143001, 50375143003, 50375143010, 50375143011, 50375143012, 50375143013, 50375143014, 50375143015, 50375143016, 50375143017

Table with 7 columns: Parameter, Units, Blank Result, Reporting Limit, MDL, Analyzed, Qualifiers. Lists various chemical compounds and their detection results.

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**QUALITY CONTROL DATA**

Project: Genesis Convention Center  
Pace Project No.: 50375143

METHOD BLANK: 3640090 Matrix: Water  
Associated Lab Samples: 50375143001, 50375143003, 50375143010, 50375143011, 50375143012, 50375143013, 50375143014, 50375143015, 50375143016, 50375143017

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Chloromethane	ug/L	ND	5.0	0.62	06/13/24 12:01	
cis-1,2-Dichloroethene	ug/L	ND	5.0	0.34	06/13/24 12:01	
cis-1,3-Dichloropropene	ug/L	ND	5.0	0.39	06/13/24 12:01	
Dibromochloromethane	ug/L	ND	5.0	0.44	06/13/24 12:01	
Dibromomethane	ug/L	ND	5.0	0.38	06/13/24 12:01	
Dichlorodifluoromethane	ug/L	ND	5.0	0.76	06/13/24 12:01	
Ethyl methacrylate	ug/L	ND	100	0.35	06/13/24 12:01	
Ethylbenzene	ug/L	ND	5.0	0.31	06/13/24 12:01	
Hexachloro-1,3-butadiene	ug/L	ND	5.0	0.45	06/13/24 12:01	
Iodomethane	ug/L	ND	10.0	0.87	06/13/24 12:01	
Isopropylbenzene (Cumene)	ug/L	ND	5.0	0.35	06/13/24 12:01	
Methyl-tert-butyl ether	ug/L	ND	4.0	0.22	06/13/24 12:01	
Methylene Chloride	ug/L	ND	5.0	1.3	06/13/24 12:01	
n-Butylbenzene	ug/L	ND	5.0	0.43	06/13/24 12:01	
n-Hexane	ug/L	ND	5.0	0.40	06/13/24 12:01	
n-Propylbenzene	ug/L	ND	5.0	0.34	06/13/24 12:01	
Naphthalene	ug/L	ND	5.0	0.53	06/13/24 12:01	
p-Isopropyltoluene	ug/L	ND	5.0	0.39	06/13/24 12:01	
sec-Butylbenzene	ug/L	ND	5.0	0.39	06/13/24 12:01	
Styrene	ug/L	ND	5.0	0.28	06/13/24 12:01	
tert-Butylbenzene	ug/L	ND	5.0	0.37	06/13/24 12:01	
Tetrachloroethene	ug/L	ND	5.0	0.36	06/13/24 12:01	
Toluene	ug/L	ND	5.0	0.30	06/13/24 12:01	
trans-1,2-Dichloroethene	ug/L	ND	5.0	0.34	06/13/24 12:01	
trans-1,3-Dichloropropene	ug/L	ND	5.0	0.41	06/13/24 12:01	
trans-1,4-Dichloro-2-butene	ug/L	ND	100	0.53	06/13/24 12:01	
Trichloroethene	ug/L	ND	5.0	0.31	06/13/24 12:01	
Trichlorofluoromethane	ug/L	ND	5.0	0.36	06/13/24 12:01	
Vinyl acetate	ug/L	ND	50.0	1.3	06/13/24 12:01	
Vinyl chloride	ug/L	ND	2.0	0.56	06/13/24 12:01	
Xylene (Total)	ug/L	ND	10.0	0.33	06/13/24 12:01	
4-Bromofluorobenzene (S)	%	98	79-124		06/13/24 12:01	
Dibromofluoromethane (S)	%	97	82-128		06/13/24 12:01	
Toluene-d8 (S)	%	97	73-122		06/13/24 12:01	

LABORATORY CONTROL SAMPLE: 3640091

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	50	54.7	109	81-130	
1,1,1-Trichloroethane	ug/L	50	56.3	113	71-126	
1,1,2,2-Tetrachloroethane	ug/L	50	53.3	107	70-126	
1,1,2-Trichloroethane	ug/L	50	54.0	108	79-125	
1,1-Dichloroethane	ug/L	50	55.5	111	79-120	

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## QUALITY CONTROL DATA

Project: Genesis Convention Center

Pace Project No.: 50375143

LABORATORY CONTROL SAMPLE: 3640091

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1-Dichloroethene	ug/L	50	52.3	105	71-130	
1,1-Dichloropropene	ug/L	50	60.6	121	78-144	
1,2,3-Trichlorobenzene	ug/L	50	56.7	113	57-146	
1,2,3-Trichloropropane	ug/L	50	54.6	109	74-127	
1,2,4-Trichlorobenzene	ug/L	50	54.4	109	62-136	
1,2,4-Trimethylbenzene	ug/L	50	53.7	107	69-120	
1,2-Dibromoethane (EDB)	ug/L	50	55.6	111	80-120	
1,2-Dichlorobenzene	ug/L	50	54.1	108	79-123	
1,2-Dichloroethane	ug/L	50	56.2	112	72-123	
1,2-Dichloropropane	ug/L	50	57.3	115	76-125	
1,3,5-Trimethylbenzene	ug/L	50	52.5	105	71-120	
1,3-Dichlorobenzene	ug/L	50	54.6	109	78-117	
1,3-Dichloropropane	ug/L	50	53.6	107	77-126	
1,4-Dichlorobenzene	ug/L	50	54.6	109	79-116	
2,2-Dichloropropane	ug/L	50	55.2	110	48-138	
2-Butanone (MEK)	ug/L	250	306	122	67-135	
2-Chlorotoluene	ug/L	50	53.7	107	75-122	
2-Hexanone	ug/L	250	278	111	65-135	
4-Chlorotoluene	ug/L	50	55.3	111	77-120	
4-Methyl-2-pentanone (MIBK)	ug/L	250	280	112	69-136	
Acetone	ug/L	250	263	105	34-156	
Acrolein	ug/L	1000	965	96	59-191	
Acrylonitrile	ug/L	250	301	121	67-146	
Benzene	ug/L	50	53.7	107	76-122	
Bromobenzene	ug/L	50	54.1	108	75-121	
Bromochloromethane	ug/L	50	57.4	115	73-119	
Bromodichloromethane	ug/L	50	57.3	115	80-126	
Bromoform	ug/L	50	56.0	112	77-124	
Bromomethane	ug/L	50	32.5	65	10-175	
Carbon disulfide	ug/L	50	49.0	98	69-121	
Carbon tetrachloride	ug/L	50	56.5	113	73-127	
Chlorobenzene	ug/L	50	53.9	108	76-118	
Chloroethane	ug/L	50	60.3	121	36-162	
Chloroform	ug/L	50	56.0	112	78-121	
Chloromethane	ug/L	50	47.4	95	37-143	
cis-1,2-Dichloroethene	ug/L	50	54.4	109	77-123	
cis-1,3-Dichloropropene	ug/L	50	55.6	111	76-132	
Dibromochloromethane	ug/L	50	57.4	115	79-130	
Dibromomethane	ug/L	50	56.9	114	79-124	
Dichlorodifluoromethane	ug/L	50	27.4	55	29-126	
Ethyl methacrylate	ug/L	50	56.3J	113	78-137	
Ethylbenzene	ug/L	50	54.9	110	76-120	
Hexachloro-1,3-butadiene	ug/L	50	47.8	96	60-131	
Iodomethane	ug/L	50	19.1	38	10-148	
Isopropylbenzene (Cumene)	ug/L	50	48.7	97	71-124	
Methyl-tert-butyl ether	ug/L	50	51.5	103	71-121	
Methylene Chloride	ug/L	50	41.9	84	71-121	

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**QUALITY CONTROL DATA**

Project: Genesis Convention Center  
Pace Project No.: 50375143

LABORATORY CONTROL SAMPLE: 3640091

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
n-Butylbenzene	ug/L	50	56.1	112	68-131	
n-Hexane	ug/L	50	51.3	103	51-126	
n-Propylbenzene	ug/L	50	53.5	107	67-127	
Naphthalene	ug/L	50	51.7	103	62-143	
p-Isopropyltoluene	ug/L	50	55.5	111	72-124	
sec-Butylbenzene	ug/L	50	53.4	107	71-126	
Styrene	ug/L	50	54.9	110	80-121	
tert-Butylbenzene	ug/L	50	50.3	101	71-128	
Tetrachloroethene	ug/L	50	56.3	113	71-122	
Toluene	ug/L	50	52.2	104	74-118	
trans-1,2-Dichloroethene	ug/L	50	53.9	108	75-122	
trans-1,3-Dichloropropene	ug/L	50	55.2	110	77-126	
trans-1,4-Dichloro-2-butene	ug/L	50	56.7J	113	53-136	
Trichloroethene	ug/L	50	54.4	109	74-125	
Trichlorofluoromethane	ug/L	50	51.5	103	64-138	
Vinyl acetate	ug/L	200	224	112	74-154	
Vinyl chloride	ug/L	50	53.0	106	55-139	
Xylene (Total)	ug/L	150	159	106	73-119	
4-Bromofluorobenzene (S)	%			102	79-124	
Dibromofluoromethane (S)	%			101	82-128	
Toluene-d8 (S)	%			100	73-122	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3640092 3640093

Parameter	Units	MS		MSD		MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
		50375295009 Result	Spike Conc.	Spike Conc.	Result						
1,1,1,2-Tetrachloroethane	ug/L	ND	50	50	47.8	33.5	96	67	47-139	35	20 R1
1,1,1-Trichloroethane	ug/L	ND	50	50	49.9	35.1	100	70	47-145	35	20 R1
1,1,2,2-Tetrachloroethane	ug/L	ND	50	50	45.6	32.4	91	65	49-133	34	20 R1
1,1,2-Trichloroethane	ug/L	ND	50	50	47.2	32.8	94	66	52-136	36	20 R1
1,1-Dichloroethane	ug/L	ND	50	50	49.1	35.1	98	70	52-137	33	20 R1
1,1-Dichloroethene	ug/L	ND	50	50	43.4	31.0	87	62	53-144	33	20 R1
1,1-Dichloropropene	ug/L	ND	50	50	53.7	37.4	107	75	49-150	36	20 R1
1,2,3-Trichlorobenzene	ug/L	ND	50	50	42.5	35.4	85	71	20-153	18	20
1,2,3-Trichloropropane	ug/L	ND	50	50	47.4	33.5	95	67	47-134	34	20 R1
1,2,4-Trichlorobenzene	ug/L	ND	50	50	43.0	32.1	86	64	23-141	29	20 R1
1,2,4-Trimethylbenzene	ug/L	ND	50	50	45.7	32.9	91	66	41-131	32	20 R1
1,2-Dibromoethane (EDB)	ug/L	ND	50	50	47.7	33.1	95	66	55-133	36	20 R1
1,2-Dichlorobenzene	ug/L	ND	50	50	45.4	32.1	91	64	43-133	34	20 R1
1,2-Dichloroethane	ug/L	ND	50	50	50.1	34.9	100	70	50-138	36	20 R1
1,2-Dichloropropane	ug/L	ND	50	50	50.1	35.9	100	72	54-139	33	20 R1
1,3,5-Trimethylbenzene	ug/L	ND	50	50	44.6	32.6	89	65	39-133	31	20 R1
1,3-Dichlorobenzene	ug/L	ND	50	50	46.3	32.6	93	65	41-131	35	20 R1
1,3-Dichloropropane	ug/L	ND	50	50	47.9	33.3	96	67	50-136	36	20 R1
1,4-Dichlorobenzene	ug/L	ND	50	50	45.1	32.0	90	64	41-131	34	20 R1

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**REPORT OF LABORATORY ANALYSIS**

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**QUALITY CONTROL DATA**

Project: Genesis Convention Center  
Pace Project No.: 50375143

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3640092 3640093												
Parameter	Units	50375295009		MS	MSD	MS	MSD	MS	MSD	% Rec	Max	
		Result	Conc.	Spike	Spike	Result	Result	% Rec	% Rec	Limits	RPD	RPD
2,2-Dichloropropane	ug/L	ND	50	50	43.8	30.4	88	61	17-141	36	20	R1
2-Butanone (MEK)	ug/L	ND	250	250	280	184	112	74	45-138	41	20	R1
2-Chlorotoluene	ug/L	ND	50	50	45.8	32.8	92	66	36-141	33	20	R1
2-Hexanone	ug/L	ND	250	250	259	180	103	72	45-135	36	20	R1
4-Chlorotoluene	ug/L	ND	50	50	45.9	32.7	92	65	38-134	34	20	R1
4-Methyl-2-pentanone (MIBK)	ug/L	ND	250	250	259	178	104	71	46-138	37	20	R1
Acetone	ug/L	ND	250	250	255	175	102	70	25-151	37	20	R1
Acrolein	ug/L	ND	1000	1000	914	635	91	64	36-168	36	20	R1
Acrylonitrile	ug/L	ND	250	250	279	192	112	77	47-147	37	20	R1
Benzene	ug/L	ND	50	50	47.9	34.5	96	69	53-138	33	20	R1
Bromobenzene	ug/L	ND	50	50	47.2	33.1	94	66	47-130	35	20	R1
Bromochloromethane	ug/L	ND	50	50	52.0	37.3	104	75	52-130	33	20	R1
Bromodichloromethane	ug/L	ND	50	50	51.2	35.2	102	70	50-146	37	20	R1
Bromoform	ug/L	ND	50	50	46.0	31.6	92	63	45-132	37	20	R1
Bromomethane	ug/L	ND	50	50	13.5	12.4	27	25	10-173	8	20	
Carbon disulfide	ug/L	ND	50	50	39.3	28.6	79	57	47-133	31	20	R1
Carbon tetrachloride	ug/L	ND	50	50	49.7	34.2	99	68	43-148	37	20	R1
Chlorobenzene	ug/L	ND	50	50	47.6	33.7	95	67	52-131	34	20	R1
Chloroethane	ug/L	ND	50	50	50.6	35.7	101	71	25-169	35	20	R1
Chloroform	ug/L	ND	50	50	50.2	35.6	100	71	54-138	34	20	R1
Chloromethane	ug/L	ND	50	50	35.0	25.2	70	50	33-137	33	20	R1
cis-1,2-Dichloroethene	ug/L	ND	50	50	49.3	36.3	96	70	50-141	30	20	R1
cis-1,3-Dichloropropene	ug/L	ND	50	50	46.7	32.4	93	65	47-135	36	20	R1
Dibromochloromethane	ug/L	ND	50	50	49.0	33.2	98	66	48-139	38	20	R1
Dibromomethane	ug/L	ND	50	50	49.9	34.7	100	69	51-141	36	20	R1
Dichlorodifluoromethane	ug/L	ND	50	50	14.0	6.3	28	13	15-130	76	20	M1, R1
Ethyl methacrylate	ug/L	ND	50	50	49.3J	33.2J	99	66	51-142		20	
Ethylbenzene	ug/L	ND	50	50	48.9	33.8	98	68	50-136	36	20	R1
Hexachloro-1,3-butadiene	ug/L	ND	50	50	40.2	30.2	80	60	15-141	28	20	R1
Iodomethane	ug/L	ND	50	50	8.8J	7.9J	18	16	10-145		20	
Isopropylbenzene (Cumene)	ug/L	ND	50	50	43.2	30.9	86	62	46-137	33	20	R1
Methyl-tert-butyl ether	ug/L	ND	50	50	44.3	31.4	89	63	47-135	34	20	R1
Methylene Chloride	ug/L	ND	50	50	34.8	25.3	70	51	48-131	32	20	R1
n-Butylbenzene	ug/L	ND	50	50	47.4	34.5	95	69	30-138	32	20	R1
n-Hexane	ug/L	ND	50	50	36.9	25.0	74	50	35-137	38	20	R1
n-Propylbenzene	ug/L	ND	50	50	46.6	34.1	93	68	37-135	31	20	R1
Naphthalene	ug/L	ND	50	50	41.0	32.3	82	65	34-152	24	20	R1
p-Isopropyltoluene	ug/L	ND	50	50	46.6	33.8	93	68	35-136	32	20	R1
sec-Butylbenzene	ug/L	ND	50	50	46.5	33.9	93	68	36-137	31	20	R1
Styrene	ug/L	ND	50	50	48.1	34.3	96	69	46-136	34	20	R1
tert-Butylbenzene	ug/L	ND	50	50	44.5	31.7	89	63	40-137	34	20	R1
Tetrachloroethene	ug/L	ND	50	50	48.3	34.0	97	68	44-138	35	20	R1
Toluene	ug/L	ND	50	50	46.4	32.9	93	66	52-132	34	20	R1
trans-1,2-Dichloroethene	ug/L	ND	50	50	46.2	32.9	92	66	50-137	34	20	R1

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**QUALITY CONTROL DATA**

Project: Genesis Convention Center

Pace Project No.: 50375143

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3640092 3640093													
Parameter	Units	50375295009		MSD		MSD		% Rec		Limits	RPD	Max RPD	Qual
		Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec					
trans-1,3-Dichloropropene	ug/L	ND	50	50	46.3	31.9	93	64	46-130	37	20	R1	
trans-1,4-Dichloro-2-butene	ug/L	ND	50	50	50.1J	33.5J	100	67	24-134		20		
Trichloroethene	ug/L	ND	50	50	47.8	33.6	96	67	49-140	35	20	R1	
Trichlorofluoromethane	ug/L	ND	50	50	42.8	29.9	86	60	44-153	36	20	R1	
Vinyl acetate	ug/L	ND	200	200	186	133	93	67	32-142	33	20	R1	
Vinyl chloride	ug/L	ND	50	50	40.8	28.5	82	57	41-147	35	20	R1	
Xylene (Total)	ug/L	ND	150	150	139	98.7	92	66	44-138	34	20	RS	
4-Bromofluorobenzene (S)	%						101	101	79-124				
Dibromofluoromethane (S)	%						100	101	82-128				
Toluene-d8 (S)	%						99	99	73-122				

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**QUALITY CONTROL DATA**

Project: Genesis Convention Center

Pace Project No.: 50375143

QC Batch:	794710	Analysis Method:	EPA 8270 by SIM 40E
QC Batch Method:	EPA 3511	Analysis Description:	8270 Water PAH 40 by SIM MSSV
		Laboratory:	Pace Analytical Services - Indianapolis

Associated Lab Samples: 50375143001, 50375143002

METHOD BLANK: 3636313 Matrix: Water

Associated Lab Samples: 50375143001, 50375143002

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
1-Methylnaphthalene	ug/L	ND	1.0	0.087	06/10/24 22:30	
2-Methylnaphthalene	ug/L	ND	1.0	0.098	06/10/24 22:30	
Acenaphthene	ug/L	ND	1.0	0.094	06/10/24 22:30	
Acenaphthylene	ug/L	ND	1.0	0.073	06/10/24 22:30	
Anthracene	ug/L	ND	0.10	0.081	06/10/24 22:30	
Benzo(a)anthracene	ug/L	ND	0.10	0.065	06/10/24 22:30	
Benzo(a)pyrene	ug/L	ND	0.10	0.070	06/10/24 22:30	
Benzo(b)fluoranthene	ug/L	ND	0.10	0.065	06/10/24 22:30	
Benzo(g,h,i)perylene	ug/L	ND	0.10	0.091	06/10/24 22:30	
Benzo(k)fluoranthene	ug/L	ND	0.10	0.068	06/10/24 22:30	
Chrysene	ug/L	ND	0.50	0.061	06/10/24 22:30	
Dibenz(a,h)anthracene	ug/L	ND	0.10	0.076	06/10/24 22:30	
Fluoranthene	ug/L	ND	1.0	0.074	06/10/24 22:30	
Fluorene	ug/L	ND	1.0	0.096	06/10/24 22:30	
Indeno(1,2,3-cd)pyrene	ug/L	ND	0.10	0.058	06/10/24 22:30	
Naphthalene	ug/L	ND	1.0	0.41	06/10/24 22:30	
Phenanthrene	ug/L	ND	1.0	0.10	06/10/24 22:30	
Pyrene	ug/L	ND	1.0	0.099	06/10/24 22:30	
2-Fluorobiphenyl (S)	%	97	43-129		06/10/24 22:30	
p-Terphenyl-d14 (S)	%	124	64-162		06/10/24 22:30	

LABORATORY CONTROL SAMPLE: 3636314

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1-Methylnaphthalene	ug/L	25	28.7	115	55-123	
2-Methylnaphthalene	ug/L	25	23.6	94	49-116	
Acenaphthene	ug/L	25	28.8	115	65-121	
Acenaphthylene	ug/L	25	35.2	141	57-131	L1
Anthracene	ug/L	25	30.5	122	45-133	
Benzo(a)anthracene	ug/L	25	34.2	137	74-147	
Benzo(a)pyrene	ug/L	25	32.1	128	79-132	
Benzo(b)fluoranthene	ug/L	25	30.9	124	80-157	
Benzo(g,h,i)perylene	ug/L	25	29.6	119	70-131	
Benzo(k)fluoranthene	ug/L	25	32.7	131	71-158	
Chrysene	ug/L	25	33.4	134	65-135	
Dibenz(a,h)anthracene	ug/L	25	32.1	128	75-141	
Fluoranthene	ug/L	25	38.1	152	85-139	L1
Fluorene	ug/L	25	32.0	128	74-129	
Indeno(1,2,3-cd)pyrene	ug/L	25	31.4	126	65-133	

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**QUALITY CONTROL DATA**

Project: Genesis Convention Center  
 Pace Project No.: 50375143

LABORATORY CONTROL SAMPLE: 3636314

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Naphthalene	ug/L	25	26.0	104	60-114	
Phenanthrene	ug/L	25	32.7	131	82-128	L1
Pyrene	ug/L	25	34.3	137	70-145	
2-Fluorobiphenyl (S)	%			101	43-129	
p-Terphenyl-d14 (S)	%			115	64-162	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3636315 3636316

Parameter	Units	MS 50375143002		MSD 3636316		MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
		Result	Spike Conc.	Spike Conc.	Result								
1-Methylnaphthalene	ug/L	ND	25.2	25.1	28.9	23.7	115	95	35-144	20	20		
2-Methylnaphthalene	ug/L	ND	25.2	25.1	24.5	20.0	97	80	38-130	21	20	R1	
Acenaphthene	ug/L	ND	25.2	25.1	29.1	24.0	115	96	52-131	19	20		
Acenaphthylene	ug/L	ND	25.2	25.1	35.1	28.9	139	115	57-120	19	20	M0	
Anthracene	ug/L	ND	25.2	25.1	30.6	25.5	122	102	43-123	18	20		
Benzo(a)anthracene	ug/L	ND	25.2	25.1	33.9	30.4	134	121	79-132	11	20	M1	
Benzo(a)pyrene	ug/L	ND	25.2	25.1	31.3	25.9	124	103	75-125	19	20		
Benzo(b)fluoranthene	ug/L	ND	25.2	25.1	29.9	24.2	119	97	79-149	21	20	R1	
Benzo(g,h,i)perylene	ug/L	ND	25.2	25.1	28.6	23.7	113	94	48-156	19	20		
Benzo(k)fluoranthene	ug/L	ND	25.2	25.1	31.5	25.4	125	101	81-150	21	20	R1	
Chrysene	ug/L	ND	25.2	25.1	32.9	27.1	131	108	78-130	19	20	M1	
Dibenz(a,h)anthracene	ug/L	ND	25.2	25.1	31.3	25.8	124	103	62-149	19	20		
Fluoranthene	ug/L	ND	25.2	25.1	37.9	31.1	150	124	74-141	20	20	M0	
Fluorene	ug/L	ND	25.2	25.1	31.8	26.0	126	104	56-145	20	20		
Indeno(1,2,3-cd)pyrene	ug/L	ND	25.2	25.1	30.6	25.6	121	102	51-146	18	20		
Naphthalene	ug/L	ND	25.2	25.1	26.7	21.7	106	86	31-147	21	20	R1	
Phenanthrene	ug/L	ND	25.2	25.1	33.2	27.5	131	109	77-130	19	20	M0	
Pyrene	ug/L	ND	25.2	25.1	33.8	29.7	134	118	75-150	13	20		
2-Fluorobiphenyl (S)	%						102	90	43-129				
p-Terphenyl-d14 (S)	%						109	114	64-162				

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**QUALITY CONTROL DATA**

Project: Genesis Convention Center

Pace Project No.: 50375143

QC Batch: 794944 Analysis Method: EPA 8270 by SIM 40E  
 QC Batch Method: EPA 3511 Analysis Description: 8270 Water PAH 40 by SIM MSSV  
 Laboratory: Pace Analytical Services - Indianapolis

Associated Lab Samples: 50375143003, 50375143005, 50375143006, 50375143007

METHOD BLANK: 3637255 Matrix: Water

Associated Lab Samples: 50375143003, 50375143005, 50375143006, 50375143007

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
1-Methylnaphthalene	ug/L	ND	1.0	0.087	06/11/24 17:39	
2-Methylnaphthalene	ug/L	ND	1.0	0.098	06/11/24 17:39	
Acenaphthene	ug/L	ND	1.0	0.094	06/11/24 17:39	
Acenaphthylene	ug/L	ND	1.0	0.073	06/11/24 17:39	
Anthracene	ug/L	ND	0.10	0.081	06/11/24 17:39	
Benzo(a)anthracene	ug/L	ND	0.10	0.065	06/11/24 17:39	
Benzo(a)pyrene	ug/L	ND	0.10	0.070	06/11/24 17:39	
Benzo(b)fluoranthene	ug/L	ND	0.10	0.065	06/11/24 17:39	
Benzo(g,h,i)perylene	ug/L	ND	0.10	0.091	06/11/24 17:39	
Benzo(k)fluoranthene	ug/L	ND	0.10	0.068	06/11/24 17:39	
Chrysene	ug/L	ND	0.50	0.061	06/11/24 17:39	
Dibenz(a,h)anthracene	ug/L	ND	0.10	0.076	06/11/24 17:39	
Fluoranthene	ug/L	ND	1.0	0.074	06/11/24 17:39	
Fluorene	ug/L	ND	1.0	0.096	06/11/24 17:39	
Indeno(1,2,3-cd)pyrene	ug/L	ND	0.10	0.058	06/11/24 17:39	
Naphthalene	ug/L	ND	1.0	0.41	06/11/24 17:39	
Phenanthrene	ug/L	ND	1.0	0.10	06/11/24 17:39	
Pyrene	ug/L	ND	1.0	0.099	06/11/24 17:39	
2-Fluorobiphenyl (S)	%	77	43-129		06/11/24 17:39	
p-Terphenyl-d14 (S)	%	113	64-162		06/11/24 17:39	

LABORATORY CONTROL SAMPLE: 3637256

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1-Methylnaphthalene	ug/L	25	27.1	108	55-123	
2-Methylnaphthalene	ug/L	25	22.5	90	49-116	
Acenaphthene	ug/L	25	26.9	108	65-121	
Acenaphthylene	ug/L	25	34.0	136	57-131	L1
Anthracene	ug/L	25	29.6	119	45-133	
Benzo(a)anthracene	ug/L	25	35.3	141	74-147	
Benzo(a)pyrene	ug/L	25	31.7	127	79-132	
Benzo(b)fluoranthene	ug/L	25	28.7	115	80-157	
Benzo(g,h,i)perylene	ug/L	25	30.3	121	70-131	
Benzo(k)fluoranthene	ug/L	25	31.5	126	71-158	
Chrysene	ug/L	25	33.6	134	65-135	
Dibenz(a,h)anthracene	ug/L	25	32.6	131	75-141	
Fluoranthene	ug/L	25	37.9	152	85-139	L1
Fluorene	ug/L	25	30.3	121	74-129	
Indeno(1,2,3-cd)pyrene	ug/L	25	32.1	128	65-133	

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**QUALITY CONTROL DATA**

Project: Genesis Convention Center  
 Pace Project No.: 50375143

LABORATORY CONTROL SAMPLE: 3637256

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Naphthalene	ug/L	25	24.4	98	60-114	
Phenanthrene	ug/L	25	31.7	127	82-128	
Pyrene	ug/L	25	35.8	143	70-145	
2-Fluorobiphenyl (S)	%			86	43-129	
p-Terphenyl-d14 (S)	%			121	64-162	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3637257 3637258

Parameter	Units	MS		MSD		MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
		50375078011 Result	Spike Conc.	Spike Conc.	Conc.								
1-Methylnaphthalene	ug/L	ND	24.5	24.6	27.1	28.4	110	115	35-144	4	20		
2-Methylnaphthalene	ug/L	ND	24.5	24.6	22.4	23.5	91	95	38-130	5	20		
Acenaphthene	ug/L	ND	24.5	24.6	27.8	29.0	112	116	52-131	4	20		
Acenaphthylene	ug/L	ND	24.5	24.6	35.1	35.5	143	144	57-120	1	20	M0	
Anthracene	ug/L	0.30	24.5	24.6	30.2	29.8	122	120	43-123	1	20		
Benzo(a)anthracene	ug/L	0.13	24.5	24.6	34.4	36.0	140	146	79-132	4	20	M1	
Benzo(a)pyrene	ug/L	ND	24.5	24.6	31.8	31.3	130	127	75-125	2	20	M1	
Benzo(b)fluoranthene	ug/L	ND	24.5	24.6	29.7	29.0	121	118	79-149	2	20		
Benzo(g,h,i)perylene	ug/L	ND	24.5	24.6	29.7	28.9	121	117	48-156	3	20		
Benzo(k)fluoranthene	ug/L	ND	24.5	24.6	32.0	30.8	131	125	81-150	4	20		
Chrysene	ug/L	ND	24.5	24.6	33.4	31.8	136	129	78-130	5	20	M1	
Dibenz(a,h)anthracene	ug/L	ND	24.5	24.6	32.2	31.3	132	127	62-149	3	20		
Fluoranthene	ug/L	ND	24.5	24.6	37.6	38.0	152	153	74-141	1	20	M0	
Fluorene	ug/L	ND	24.5	24.6	31.5	33.0	127	133	56-145	5	20		
Indeno(1,2,3-cd)pyrene	ug/L	ND	24.5	24.6	31.7	31.1	129	126	51-146	2	20		
Naphthalene	ug/L	ND	24.5	24.6	24.5	24.9	98	99	31-147	1	20		
Phenanthrene	ug/L	1.1	24.5	24.6	32.7	32.8	129	129	77-130	0	20		
Pyrene	ug/L	ND	24.5	24.6	34.8	34.9	141	141	75-150	0	20		
2-Fluorobiphenyl (S)	%						92	69	43-129				
p-Terphenyl-d14 (S)	%						121	120	64-162				

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## QUALITY CONTROL DATA

Project: Genesis Convention Center

Pace Project No.: 50375143

QC Batch: 794945 Analysis Method: EPA 8270 by SIM 40E  
 QC Batch Method: EPA 3511 Analysis Description: 8270 Water PAH 40 by SIM MSSV  
 Laboratory: Pace Analytical Services - Indianapolis  
 Associated Lab Samples: 50375143008, 50375143009, 50375143010, 50375143011, 50375143013, 50375143014, 50375143015, 50375143016, 50375143017

METHOD BLANK: 3637259 Matrix: Water  
 Associated Lab Samples: 50375143008, 50375143009, 50375143010, 50375143011, 50375143013, 50375143014, 50375143015, 50375143016, 50375143017

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
1-Methylnaphthalene	ug/L	ND	1.0	0.087	06/11/24 21:55	
2-Methylnaphthalene	ug/L	ND	1.0	0.098	06/11/24 21:55	
Acenaphthene	ug/L	ND	1.0	0.094	06/11/24 21:55	
Acenaphthylene	ug/L	ND	1.0	0.073	06/11/24 21:55	
Anthracene	ug/L	ND	0.10	0.081	06/11/24 21:55	
Benzo(a)anthracene	ug/L	ND	0.10	0.065	06/11/24 21:55	
Benzo(a)pyrene	ug/L	ND	0.10	0.070	06/11/24 21:55	
Benzo(b)fluoranthene	ug/L	ND	0.10	0.065	06/11/24 21:55	
Benzo(g,h,i)perylene	ug/L	ND	0.10	0.091	06/11/24 21:55	
Benzo(k)fluoranthene	ug/L	ND	0.10	0.068	06/11/24 21:55	
Chrysene	ug/L	ND	0.50	0.061	06/11/24 21:55	
Dibenz(a,h)anthracene	ug/L	ND	0.10	0.076	06/11/24 21:55	
Fluoranthene	ug/L	ND	1.0	0.074	06/11/24 21:55	
Fluorene	ug/L	ND	1.0	0.096	06/11/24 21:55	
Indeno(1,2,3-cd)pyrene	ug/L	ND	0.10	0.058	06/11/24 21:55	
Naphthalene	ug/L	ND	1.0	0.41	06/11/24 21:55	
Phenanthrene	ug/L	ND	1.0	0.10	06/11/24 21:55	
Pyrene	ug/L	ND	1.0	0.099	06/11/24 21:55	
2-Fluorobiphenyl (S)	%	94	43-129		06/11/24 21:55	
p-Terphenyl-d14 (S)	%	134	64-162		06/11/24 21:55	

LABORATORY CONTROL SAMPLE: 3637260

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1-Methylnaphthalene	ug/L	25	26.7	107	55-123	
2-Methylnaphthalene	ug/L	25	22.0	88	49-116	
Acenaphthene	ug/L	25	27.4	109	65-121	
Acenaphthylene	ug/L	25	34.2	137	57-131	L1
Anthracene	ug/L	25	31.1	125	45-133	
Benzo(a)anthracene	ug/L	25	36.7	147	74-147	
Benzo(a)pyrene	ug/L	25	33.3	133	79-132	L1
Benzo(b)fluoranthene	ug/L	25	31.3	125	80-157	
Benzo(g,h,i)perylene	ug/L	25	31.2	125	70-131	
Benzo(k)fluoranthene	ug/L	25	34.4	137	71-158	
Chrysene	ug/L	25	34.3	137	65-135	L1
Dibenz(a,h)anthracene	ug/L	25	33.7	135	75-141	
Fluoranthene	ug/L	25	39.8	159	85-139	L1

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## REPORT OF LABORATORY ANALYSIS

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**QUALITY CONTROL DATA**

Project: Genesis Convention Center  
Pace Project No.: 50375143

LABORATORY CONTROL SAMPLE: 3637260

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Fluorene	ug/L	25	31.6	126	74-129	
Indeno(1,2,3-cd)pyrene	ug/L	25	32.6	130	65-133	
Naphthalene	ug/L	25	23.7	95	60-114	
Phenanthrene	ug/L	25	33.1	132	82-128	L1
Pyrene	ug/L	25	36.5	146	70-145	L1
2-Fluorobiphenyl (S)	%			85	43-129	
p-Terphenyl-d14 (S)	%			127	64-162	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3637261 3637262

Parameter	Units	MS 50375153002		MSD 50375153002		MS 3637262		MSD 3637262		% Rec Limits	RPD	Max RPD	Qual
		Result	Spike Conc.	Spike Conc.	Result	Result	% Rec	% Rec					
1-Methylnaphthalene	ug/L	10.2	24.8	24.7	39.0	36.3	116	106	35-144	7	20		
2-Methylnaphthalene	ug/L	ND	24.8	24.7	23.2	21.4	93	87	38-130	8	20		
Acenaphthene	ug/L	23.1	24.8	24.7	53.8	50.2	124	110	52-131	7	20		
Acenaphthylene	ug/L	ND	24.8	24.7	36.7	33.9	145	135	57-120	8	20	M0	
Anthracene	ug/L	0.54	24.8	24.7	31.7	29.7	125	118	43-123	6	20	M1	
Benzo(a)anthracene	ug/L	ND	24.8	24.7	33.6	32.5	135	131	79-132	3	20	M1	
Benzo(a)pyrene	ug/L	ND	24.8	24.7	33.5	31.8	135	129	75-125	5	20	M0	
Benzo(b)fluoranthene	ug/L	ND	24.8	24.7	33.5	32.1	135	130	79-149	4	20		
Benzo(g,h,i)perylene	ug/L	ND	24.8	24.7	32.4	29.8	130	121	48-156	8	20		
Benzo(k)fluoranthene	ug/L	ND	24.8	24.7	34.8	33.1	140	134	81-150	5	20		
Chrysene	ug/L	ND	24.8	24.7	35.0	33.1	141	134	78-130	6	20	M0	
Dibenz(a,h)anthracene	ug/L	ND	24.8	24.7	34.9	32.4	141	131	62-149	7	20		
Fluoranthene	ug/L	1.1	24.8	24.7	40.6	38.9	159	153	74-141	4	20	M0	
Fluorene	ug/L	3.6	24.8	24.7	37.7	35.6	137	129	56-145	6	20		
Indeno(1,2,3-cd)pyrene	ug/L	ND	24.8	24.7	33.3	31.0	134	126	51-146	7	20		
Naphthalene	ug/L	23.4	24.8	24.7	50.2	45.1	108	88	31-147	11	20		
Phenanthrene	ug/L	ND	24.8	24.7	34.8	33.0	138	132	77-130	5	20	M0	
Pyrene	ug/L	1.3	24.8	24.7	37.1	35.9	144	140	75-150	3	20		
2-Fluorobiphenyl (S)	%						102	98	43-129				
p-Terphenyl-d14 (S)	%						122	120	64-162				

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3637263 3637264

Parameter	Units	MS 50375153004		MSD 50375153004		MS 3637264		MSD 3637264		% Rec Limits	RPD	Max RPD	Qual
		Result	Spike Conc.	Spike Conc.	Result	Result	% Rec	% Rec					
1-Methylnaphthalene	ug/L	61.3	24.4	24.8	87.0	88.7	105	111	35-144	2	20		
2-Methylnaphthalene	ug/L	10.3	24.4	24.8	32.3	33.1	90	92	38-130	3	20		
Acenaphthene	ug/L	1.7	24.4	24.8	28.1	27.4	108	104	52-131	3	20		
Acenaphthylene	ug/L	ND	24.4	24.8	33.0	32.6	134	130	57-120	1	20	M0	
Anthracene	ug/L	ND	24.4	24.8	29.3	30.0	119	121	43-123	2	20		
Benzo(a)anthracene	ug/L	ND	24.4	24.8	33.7	35.3	138	142	79-132	5	20	M1	
Benzo(a)pyrene	ug/L	ND	24.4	24.8	31.6	32.2	129	130	75-125	2	20	M0	

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**QUALITY CONTROL DATA**

Project: Genesis Convention Center

Pace Project No.: 50375143

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3637263 3637264														
Parameter	Units	50375153004		MS	MSD	3637264		% Rec	% Rec	% Rec	Limits	RPD	Max RPD	Qual
		Result	Conc.	Spike Conc.	Spike Conc.	MS Result	MSD Result							
Benzo(b)fluoranthene	ug/L	ND	24.4	24.4	24.8	31.7	31.2	130	126	79-149	2	20		
Benzo(g,h,i)perylene	ug/L	ND	24.4	24.4	24.8	30.0	30.1	123	122	48-156	0	20		
Benzo(k)fluoranthene	ug/L	ND	24.4	24.4	24.8	31.8	33.1	130	134	81-150	4	20		
Chrysene	ug/L	ND	24.4	24.4	24.8	32.8	32.4	134	131	78-130	1	20	M0	
Dibenz(a,h)anthracene	ug/L	ND	24.4	24.4	24.8	32.3	32.6	132	132	62-149	1	20		
Fluoranthene	ug/L	ND	24.4	24.4	24.8	35.9	36.5	147	147	74-141	2	20	M0	
Fluorene	ug/L	ND	24.4	24.4	24.8	30.6	30.4	123	120	56-145	1	20		
Indeno(1,2,3-cd)pyrene	ug/L	ND	24.4	24.4	24.8	31.4	31.7	129	128	51-146	1	20		
Naphthalene	ug/L	33.5	24.4	24.4	24.8	52.8	57.9	79	99	31-147	9	20		
Phenanthrene	ug/L	ND	24.4	24.4	24.8	31.1	31.5	126	126	77-130	1	20		
Pyrene	ug/L	ND	24.4	24.4	24.8	35.4	35.8	145	145	75-150	1	20		
2-Fluorobiphenyl (S)	%							91	93	43-129				
p-Terphenyl-d14 (S)	%							123	127	64-162				

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**QUALITY CONTROL DATA**

Project: Genesis Convention Center

Pace Project No.: 50375143

QC Batch: 795302

Analysis Method: EPA 8270 by SIM 40E

QC Batch Method: EPA 3511

Analysis Description: 8270 Water PAH 40 by SIM MSSV

Laboratory: Pace Analytical Services - Indianapolis

Associated Lab Samples: 50375143004, 50375143012

METHOD BLANK: 3638715

Matrix: Water

Associated Lab Samples: 50375143004, 50375143012

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
1-Methylnaphthalene	ug/L	ND	1.0	0.087	06/13/24 17:52	
2-Methylnaphthalene	ug/L	ND	1.0	0.098	06/13/24 17:52	
Acenaphthene	ug/L	ND	1.0	0.094	06/13/24 17:52	
Acenaphthylene	ug/L	ND	1.0	0.073	06/13/24 17:52	
Anthracene	ug/L	ND	0.10	0.081	06/13/24 17:52	
Benzo(a)anthracene	ug/L	ND	0.10	0.065	06/13/24 17:52	
Benzo(a)pyrene	ug/L	ND	0.10	0.070	06/13/24 17:52	
Benzo(b)fluoranthene	ug/L	ND	0.10	0.065	06/13/24 17:52	
Benzo(g,h,i)perylene	ug/L	ND	0.10	0.091	06/13/24 17:52	
Benzo(k)fluoranthene	ug/L	ND	0.10	0.068	06/13/24 17:52	
Chrysene	ug/L	ND	0.50	0.061	06/13/24 17:52	
Dibenz(a,h)anthracene	ug/L	ND	0.10	0.076	06/13/24 17:52	
Fluoranthene	ug/L	ND	1.0	0.074	06/13/24 17:52	
Fluorene	ug/L	ND	1.0	0.096	06/13/24 17:52	
Indeno(1,2,3-cd)pyrene	ug/L	ND	0.10	0.058	06/13/24 17:52	
Naphthalene	ug/L	ND	1.0	0.41	06/13/24 17:52	
Phenanthrene	ug/L	ND	1.0	0.10	06/13/24 17:52	
Pyrene	ug/L	ND	1.0	0.099	06/13/24 17:52	
2-Fluorobiphenyl (S)	%	106	43-129		06/13/24 17:52	
p-Terphenyl-d14 (S)	%	142	64-162		06/13/24 17:52	

LABORATORY CONTROL SAMPLE: 3638716

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1-Methylnaphthalene	ug/L	25	26.8	107	55-123	
2-Methylnaphthalene	ug/L	25	21.4	86	49-116	
Acenaphthene	ug/L	25	27.9	112	65-121	
Acenaphthylene	ug/L	25	34.4	137	57-131	L1
Anthracene	ug/L	25	30.9	124	45-133	
Benzo(a)anthracene	ug/L	25	33.3	133	74-147	
Benzo(a)pyrene	ug/L	25	33.4	134	79-132	L1
Benzo(b)fluoranthene	ug/L	25	33.2	133	80-157	
Benzo(g,h,i)perylene	ug/L	25	32.9	132	70-131	L1
Benzo(k)fluoranthene	ug/L	25	35.7	143	71-158	
Chrysene	ug/L	25	34.7	139	65-135	L1
Dibenz(a,h)anthracene	ug/L	25	35.8	143	75-141	L1
Fluoranthene	ug/L	25	37.8	151	85-139	L1
Fluorene	ug/L	25	31.5	126	74-129	
Indeno(1,2,3-cd)pyrene	ug/L	25	34.2	137	65-133	L1

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**QUALITY CONTROL DATA**

Project: Genesis Convention Center  
 Pace Project No.: 50375143

LABORATORY CONTROL SAMPLE: 3638716

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Naphthalene	ug/L	25	25.2	101	60-114	
Phenanthrene	ug/L	25	33.3	133	82-128	L1
Pyrene	ug/L	25	37.2	149	70-145	L1
2-Fluorobiphenyl (S)	%			102	43-129	
p-Terphenyl-d14 (S)	%			132	64-162	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3638719 3638720

Parameter	Units	MS 50375576002		MSD 3638720		MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
		Result	Spike Conc.	Spike Conc.	Result								
1-Methylnaphthalene	ug/L	12.2	24.7	24.4	37.3	37.4	102	103	35-144	0	20		
2-Methylnaphthalene	ug/L	2.9	24.7	24.4	23.2	23.4	82	84	38-130	1	20		
Acenaphthene	ug/L	ND	24.7	24.4	27.0	26.0	109	106	52-131	4	20		
Acenaphthylene	ug/L	ND	24.7	24.4	33.6	32.5	136	133	57-120	3	20	M0	
Anthracene	ug/L	ND	24.7	24.4	30.6	29.8	124	122	43-123	3	20	M1	
Benzo(a)anthracene	ug/L	ND	24.7	24.4	33.9	33.3	137	136	79-132	2	20	M1	
Benzo(a)pyrene	ug/L	ND	24.7	24.4	32.1	31.3	130	128	75-125	2	20	M0	
Benzo(b)fluoranthene	ug/L	ND	24.7	24.4	31.7	29.7	128	122	79-149	6	20		
Benzo(g,h,i)perylene	ug/L	ND	24.7	24.4	30.3	29.4	123	120	48-156	3	20		
Benzo(k)fluoranthene	ug/L	ND	24.7	24.4	32.2	33.1	131	135	81-150	3	20		
Chrysene	ug/L	ND	24.7	24.4	33.1	32.0	134	131	78-130	3	20	M0	
Dibenz(a,h)anthracene	ug/L	ND	24.7	24.4	33.1	32.1	134	131	62-149	3	20		
Fluoranthene	ug/L	ND	24.7	24.4	34.7	34.1	140	139	74-141	2	20		
Fluorene	ug/L	ND	24.7	24.4	30.8	29.9	124	122	56-145	3	20		
Indeno(1,2,3-cd)pyrene	ug/L	ND	24.7	24.4	32.3	30.9	131	126	51-146	4	20		
Naphthalene	ug/L	ND	24.7	24.4	27.0	26.8	109	110	31-147	1	20		
Phenanthrene	ug/L	ND	24.7	24.4	32.1	30.8	130	126	77-130	4	20		
Pyrene	ug/L	ND	24.7	24.4	35.0	35.0	142	143	75-150	0	20		
2-Fluorobiphenyl (S)	%						93	105	43-129				
p-Terphenyl-d14 (S)	%						123	130	64-162				

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### QUALIFIERS

Project: Genesis Convention Center

Pace Project No.: 50375143

#### DEFINITIONS

DF - Dilution Factor, if reported, represents the factor applied to the reported data due to dilution of the sample aliquot.

ND - Not Detected at or above adjusted reporting limit.

TNTC - Too Numerous To Count

J - Estimated concentration above the adjusted method detection limit and below the adjusted reporting limit.

MDL - Adjusted Method Detection Limit.

PQL - Practical Quantitation Limit.

RL - Reporting Limit - The lowest concentration value that meets project requirements for quantitative data with known precision and bias for a specific analyte in a specific matrix.

S - Surrogate

1,2-Diphenylhydrazine decomposes to and cannot be separated from Azobenzene using Method 8270. The result for each analyte is a combined concentration.

Consistent with EPA guidelines, unrounded data are displayed and have been used to calculate % recovery and RPD values.

LCS(D) - Laboratory Control Sample (Duplicate)

MS(D) - Matrix Spike (Duplicate)

DUP - Sample Duplicate

RPD - Relative Percent Difference

NC - Not Calculable.

SG - Silica Gel - Clean-Up

U - Indicates the compound was analyzed for, but not detected.

N-Nitrosodiphenylamine decomposes and cannot be separated from Diphenylamine using Method 8270. The result reported for each analyte is a combined concentration.

Reported results are not rounded until the final step prior to reporting. Therefore, calculated parameters that are typically reported as "Total" may vary slightly from the sum of the reported component parameters.

Pace Analytical is TNI accredited. Contact your Pace PM for the current list of accredited analytes.

TNI - The NELAC Institute.

#### ANALYTE QUALIFIERS

H1 Analysis conducted outside the recognized method holding time.

HS Results are from sample aliquot taken from VOA vial with headspace (air bubble greater than 6 mm diameter).

L1 Analyte recovery in the laboratory control sample (LCS) was above QC limits. Results for this analyte in associated samples may be biased high.

M0 Matrix spike recovery and/or matrix spike duplicate recovery was outside laboratory control limits.

M1 Matrix spike recovery exceeded QC limits. Batch accepted based on laboratory control sample (LCS) recovery.

MS Analyte recovery in the matrix spike was outside QC limits for one or more of the constituent analytes used in the calculated result.

P2 Re-extraction or re-analysis could not be performed due to insufficient sample amount.

R1 RPD value was outside control limits.

RS The RPD value in one of the constituent analytes was outside the control limits.

pH Post-analysis pH measurement indicates insufficient VOA sample preservation.

### REPORT OF LABORATORY ANALYSIS

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### QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: Genesis Convention Center

Pace Project No.: 50375143

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
50375143001	SB-1	EPA 3010	795791	EPA 6010	796227
50375143002	SB-2	EPA 3010	795791	EPA 6010	796227
50375143003	SB-3	EPA 3010	795791	EPA 6010	796227
50375143004	SB-4	EPA 3010	795791	EPA 6010	796227
50375143005	SB-5	EPA 3010	795791	EPA 6010	796227
50375143006	SB-6	EPA 3010	795791	EPA 6010	796227
50375143007	SB-7	EPA 3010	795791	EPA 6010	796227
50375143008	SB-8	EPA 3010	795791	EPA 6010	796227
50375143009	SB-9	EPA 3010	795791	EPA 6010	796227
50375143010	SB-10	EPA 3010	795791	EPA 6010	796227
50375143011	SB-11	EPA 3010	795791	EPA 6010	796227
50375143012	SB-12	EPA 3010	795791	EPA 6010	796227
50375143013	SB-13	EPA 3010	795791	EPA 6010	796227
50375143014	SB-14	EPA 3010	795791	EPA 6010	796227
50375143015	SB-15	EPA 3010	795791	EPA 6010	796227
50375143016	SB-16	EPA 3010	795791	EPA 6010	796227
50375143017	DUP	EPA 3010	795791	EPA 6010	796227
50375143001	SB-1	EPA 3511	794710	EPA 8270 by SIM 40E	794866
50375143002	SB-2	EPA 3511	794710	EPA 8270 by SIM 40E	794866
50375143003	SB-3	EPA 3511	794944	EPA 8270 by SIM 40E	795133
50375143004	SB-4	EPA 3511	795302	EPA 8270 by SIM 40E	795661
50375143005	SB-5	EPA 3511	794944	EPA 8270 by SIM 40E	795133
50375143006	SB-6	EPA 3511	794944	EPA 8270 by SIM 40E	795133
50375143007	SB-7	EPA 3511	794944	EPA 8270 by SIM 40E	795133
50375143008	SB-8	EPA 3511	794945	EPA 8270 by SIM 40E	795134
50375143009	SB-9	EPA 3511	794945	EPA 8270 by SIM 40E	795134
50375143010	SB-10	EPA 3511	794945	EPA 8270 by SIM 40E	795134
50375143011	SB-11	EPA 3511	794945	EPA 8270 by SIM 40E	795134
50375143012	SB-12	EPA 3511	795302	EPA 8270 by SIM 40E	795661
50375143013	SB-13	EPA 3511	794945	EPA 8270 by SIM 40E	795134
50375143014	SB-14	EPA 3511	794945	EPA 8270 by SIM 40E	795134
50375143015	SB-15	EPA 3511	794945	EPA 8270 by SIM 40E	795134
50375143016	SB-16	EPA 3511	794945	EPA 8270 by SIM 40E	795134
50375143017	DUP	EPA 3511	794945	EPA 8270 by SIM 40E	795134
50375143001	SB-1	EPA 8260	795563		
50375143002	SB-2	EPA 8260	795562		
50375143003	SB-3	EPA 8260	795563		
50375143004	SB-4	EPA 8260	795562		
50375143005	SB-5	EPA 8260	795562		
50375143006	SB-6	EPA 8260	795562		
50375143007	SB-7	EPA 8260	795562		
50375143008	SB-8	EPA 8260	795562		
50375143009	SB-9	EPA 8260	795562		

### REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full, without the written consent of Pace Analytical Services, LLC.



### QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: Genesis Convention Center

Pace Project No.: 50375143

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
50375143010	SB-10	EPA 8260	795563		
50375143011	SB-11	EPA 8260	795563		
50375143012	SB-12	EPA 8260	795563		
50375143013	SB-13	EPA 8260	795563		
50375143014	SB-14	EPA 8260	795563		
50375143015	SB-15	EPA 8260	795563		
50375143016	SB-16	EPA 8260	795563		
50375143017	DUP	EPA 8260	795563		

### REPORT OF LABORATORY ANALYSIS

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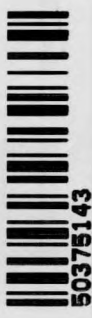


**CHAIN-OF-CUSTODY Analytical Request Document**  
Chain-of-Custody is a LEGAL DOCUMENT - Complete all relevant fields

Company Name: Heartland Environmental  
Street Address: 3410 Mishawaka Avenue, South Bend, IN 46615  
Customer Project #: Genesis Convention Center  
Project Name: Genesis Convention Center  
Site Collection Info/Facility ID (as applicable):  
Time Zone Collected: [ ] AK [ ] PT [ ] MT [ ] CT [ ] ET  
Data Deliverables: Regulatory Program (DW, RCRA, etc.) as applicable: Reportable [ ] Yes [ ] No  
Rush (Pre-approval required):  
[ ] Same Day [ ] 1 Day [ ] 2 Day [ ] 3 Day [ ] Other  
Date Results Requested:  
\* Matrix Codes (insert in Matrix box below): Drinking Water (DW), Ground Water (GW), Waste Water (WW), Product (P), Soil/Solid (SS), Oil (OL), Wipe (WP), Tissue (TS), Bioassay (B), Vapor (V), Surface Water (SW), Sediment (SED), Sludge (SL), Caulk (CK), Leachate (LL), Biosolid (BS), Other (OT)

Contact/Report To: Ryan Orzechowicz  
Phone #: (317)771-2283  
E-Mail: rorzechowicz@heartlandenv.com  
Cc E-Mail:  
Invoice To: Accounts Payable  
Invoice E-Mail: pnye@heartlandenv.com  
Purchase Order # (if applicable):  
Quote #:  
County / State origin of sample(s): Indiana  
Regulatory Program (DW, RCRA, etc.) as applicable: Reportable [ ] Yes [ ] No

LAB USE ONLY - Affix Workorder/Login Label Here  
**WO#: 50375143**



Identify Container Preservative Type\*\*\*  
Analysis Requested

Container Size: (1) 1L, (2) 500mL, (3) 250mL, (4) 100mL, (5) 100mL, (6) 40mL vial, (7) EnCore, (8) TerraCore, (9) 90mL, (10) Other  
\*\*\* Preservative Types: (1) None, (2) HNO3, (3) H2SO4, (4) HCl, (5) NaOH, (6) Zn Acetate, (7) NaHSO4, (8) Sod. Thiosulfate, (9) Ascorbic Acid, (10) MeOH, (11) Other

Customer Sample ID	Matrix *	Comp / Grab	Date	Time	Collected or Composite End	# Cont.	Res. Chlorine	Units	Sample Comment
SB-1	GW	6	4/5/24	1130					6010 Pb, Lab Filtered
SB-2				1148					001
SB-3				1230					002
SB-4				1242					003
SB-5				1250					004
SB-6				1304					006
SB-7				1315					007
SB-8				1338					008
SB-9				1349					009

Proj. Migr: Allison Martinez  
AcctNum / Client ID:  
Table #:  
Profile / Template: 11620-2.5  
Prelog / Bottle Ord. ID: EZ 3119254

Additional Instructions from Pace®:  
Collected By: Charles Hood  
Signature: Charles Hood  
Thermometer ID: 0  
Correction Factor (°C): 0  
Obs. Temp. (°C): 1.07  
Corrected Temp. (°C): 1.00  
Date/Time: 4/6/2024 13:02  
Tracking Number: 035616  
Delivered by: [ ] In-Person [ ] Courier [ ] FedEx [ ] UPS [ ] Other  
Page: of

**CHAIN-OF-CUSTODY Analytical Request Document**  
Chain-of-Custody is a LEGAL DOCUMENT - Complete all relevant fields

Company Name: Heartland Environmental  
Street Address: 3410 Mishawaka Avenue, South Bend, IN 46615  
Contact/Report To: Ryan Orzechowicz  
Phone #: (317)771-2283  
E-Mail: rorzechowicz@heartlandenv.com  
Cc E-Mail:

Customer Project #: Genesis Convention Center  
Project Name: Genesis Convention Center  
Accounts Payable: pny@heartlandenv.com  
Invoice To: pny@heartlandenv.com  
Purchase Order # (if applicable):  
Quote #:

Time Zone Collected: [ ] AK [ ] PT [ ] MT [ ] CT [ ] ET  
Data Deliverables: [ ] Level II [ ] Level III [ ] Level IV [ ] EQUIS [ ] Other

Regulatory Program (DW, RCRA, etc.) as applicable: Reportable [ ] Yes [ ] No  
County / State origin of sample(s): Indiana

Rush (Pre-approval required):  
[ ] Same Day [ ] 1 Day [ ] 2 Day [ ] 3 Day [ ] Other

Date Results Requested:  
Field Filtered (if applicable): [ ] Yes [ ] No

Analysis:  
DW PWSID # or WW Permit # as applicable:

\* Matrix Codes (insert in Matrix box below): Drinking Water (DW), Ground Water (GW), Waste Water (WW), Product (P), Soil/Solid (SS), Oil (OL), Wipe (WP), Tissue (TS), Bioassay (B), Vapor (V), Surface Water (SW), Sediment (SED), Sludge (SL), Caulk (CK), Leachate (LL), Biosolid (BS), Other (OT)

Customer Sample ID	Matrix *	Comp / Grab	Date	Time	Collected or Composite End	# Cont.	# Res.	Chlorine
SB-10	GW	G	6/5/24	1510				
SB-11				1402				
SB-12				1500				
SB-13				1445				
SB-14				1438				
SB-15				1410				
SB-16				1425				
DUP								

Additional Instructions from Pace\*:  
Collected by: *Michael's Hood*  
Signature: *[Signature]*

Relinquished by/Company (Signature)	Date/Time	Received by/Company (Signature)	Date/Time
<i>[Signature]</i> / HEA	6/6/2024 8:00	<i>[Signature]</i>	

LAB USE ONLY - Affix Workorder/Login Label Here



Scan QR Code for instructions

Specify Container Size \*\*  
Identify Container Preservative Type\*\*\*  
Analysis Requested

\*\*Container Size: (1) 1L, (2) 500mL, (3) 250mL, (4) 125mL, (5) 100mL, (6) 40mL Vial, (7) EnCore, (8) TerraCore, (9) 90mL, (10) Other  
\*\*\* Preservative Types: (1) None, (2) HNO3, (3) H2SO4, (4) HCl, (5) NaOH, (6) Zn Acetate, (7) NaHSO4, (8) Sod. Thiosulfate, (9) Ascorbic Acid, (10) MeOH, (11) Other

Lab Use Only	Proj. Mgr:	AcctNum / Client ID:	Table #:	Profile / Template:	Prelog / Bottle Ord. ID:
8260 VOCs	Allison Martinez			11620-2,5	EZ 3119254
8270 PAH					
6010 Pb, Lab Filtered					

Sample Comment  
b10  
011  
012  
013  
014  
b15  
016  
017

Customer Remarks / Special Conditions / Possible Hazards:  
# Copiers: 1 Thermometer ID: D Correction Factor (°C): 0 Obs. Temp. (°C): 1.0 Corrected Temp. (°C): 1.0 On Ice: Y  
Tracking Number: 616/24 1300  
Date/Time: 6/6/24 1300  
Delivered by: [ ] In-Person [ ] Courier [ ] FedEx [ ] UPS [ ] Other  
Page: of



**SAMPLE CONDITION UPON RECEIPT FORM**

Date/Time and Initials of person examining contents: CB 6/6/24 15:25

1. Courier:  FED EX  UPS  CLIENT  PACE  INOW/JETT  OTHER \_\_\_\_\_

2. Custody Seal on Cooler/Box Present:  Yes  No  
 (If yes) Seals Intact:  Yes  No (leave blank if no seals were present)

3. Thermometer: 1 2 3 4 5 6 7 8 A B C D E F G H

4. Cooler Temperature(s): 1.0/1.0 \_\_\_\_\_  
 (Initial/Corrected) RECORD TEMPS OF ALL COOLERS RECEIVED (use Comments below to add more)

5. Packing Material:  Bubble Wrap  Bubble Bags  None  Other \_\_\_\_\_

6. Ice Type:  Wet  Blue  None

7. Was the PM notified of out of temp cooler?:  Yes  No  
 Cooler temp should be above freezing to 6°C

8. EZ Bottle Order?  Yes  No  
 If yes but not on COC what is the EZ Bottle Order Number?: \_\_\_\_\_

All discrepancies will be written out in the comments section below.

	Yes	No	Yes	No	N/A
USDA Regulated Soils? (HI, ID, NY, WA, OR, CA, NM, TX, OK, AR, LA, TN, AL, MS, NC, SC, GA, FL, or Puerto Rico)		<input checked="" type="checkbox"/>			
Short Hold Time Analysis (48 hours or less)? Analysis: <u>HNO3 (&lt;2) H2SO4 (&lt;2) NaOH (&gt;10) NaOH/ZnAc (&gt;9)</u> Any non-conformance to pH recommendations will be noted on the container count form		<input checked="" type="checkbox"/>			
Time 5035A TC placed in Freezer or Short Holds To Lab	Time: _____		Present	Absent	N/A
Rush TAT Requested (4 days or less):	<input checked="" type="checkbox"/>				
Custody Signatures Present?	<input checked="" type="checkbox"/>				
Containers Intact?:	<input checked="" type="checkbox"/>		Present	Absent	No VOA Vials Sent
Sample Label (IDs/Dates/Times) Match COC?: Except TCs, which only require sample ID	<input checked="" type="checkbox"/>				
Extra labels on Terracore Vials? (soils only)		<input checked="" type="checkbox"/>			

COMMENTS:

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

Sample Container Count

\*\* Place a RED dot on containers that are out of conformance \*\*

AMBER GLASS			PLASTIC			OTHER			Nitric	Sulfuric	Sodium Hydroxide	Sodium Hydroxide/ ZnAc	Black
COC Line Item	WG	GL	AG	BP	CG	CG	BP	CG	Red	Yellow	Green		
1	WG9H	AG9H	BP9H	CG9H	CG9H	BP3H	CG3H	CG3H	<2	<2	>10	NaOH/H2n	Ac >9
2	DG9U	AG9U	BP9U	CG9U	CG9U	BP3U	CG3U	CG3U	<2	<2	>10	NaOH/H2n	Ac >9
3	DG9U	AG9U	BP9U	CG9U	CG9U	BP3U	CG3U	CG3U	<2	<2	>10	NaOH/H2n	Ac >9
4	DG9H	AG9H	BP9H	CG9H	CG9H	BP3H	CG3H	CG3H	<2	<2	>10	NaOH/H2n	Ac >9
5	DG9U	AG9U	BP9U	CG9U	CG9U	BP3U	CG3U	CG3U	<2	<2	>10	NaOH/H2n	Ac >9
6	DG9H	AG9H	BP9H	CG9H	CG9H	BP3H	CG3H	CG3H	<2	<2	>10	NaOH/H2n	Ac >9
7	DG9U	AG9U	BP9U	CG9U	CG9U	BP3U	CG3U	CG3U	<2	<2	>10	NaOH/H2n	Ac >9
8	DG9H	AG9H	BP9H	CG9H	CG9H	BP3H	CG3H	CG3H	<2	<2	>10	NaOH/H2n	Ac >9
9	DG9U	AG9U	BP9U	CG9U	CG9U	BP3U	CG3U	CG3U	<2	<2	>10	NaOH/H2n	Ac >9
10	DG9H	AG9H	BP9H	CG9H	CG9H	BP3H	CG3H	CG3H	<2	<2	>10	NaOH/H2n	Ac >9
11	DG9U	AG9U	BP9U	CG9U	CG9U	BP3U	CG3U	CG3U	<2	<2	>10	NaOH/H2n	Ac >9
12	DG9H	AG9H	BP9H	CG9H	CG9H	BP3H	CG3H	CG3H	<2	<2	>10	NaOH/H2n	Ac >9

Container Codes

Container Code	Description	Material
DG9H	40mL HCl amber vial	glass
DG9P	40mL TSP amber vial	glass
DG9S	40mL H2SO4 amber vial	glass
DG9T	40mL Na Thio amber vial	glass
DG9U	40mL unpreserved amber vial	glass
VG9H	40mL HCl clear vial	glass
VG9T	40mL Na Thio. clear vial	glass
VG9U	40mL unpreserved clear vial	glass
I	40mL w/hexane wipe vial	glass
WGKU	8oz unpreserved clear jar	glass
WGFU	4oz clear soil jar	glass
JGFU	4oz unpreserved amber wide	glass
CG3H	250mL clear glass HCl	glass
CG3F	250mL clear glass HCl, Field Filter	glass
BG1H	1L HCl clear glass	glass
BG1S	1L H2SO4 clear glass	glass

Plastic		Description	Material
BP1B	1L NaOH plastic	BP4U 125mL unpreserved plastic	
BP1N	1L HNO3 plastic	BP4N 125mL HNO3 plastic	
BP1S	1L H2SO4 plastic	BP4S 125mL H2SO4 plastic	
BP1U	1L unpreserved plastic		Miscellaneous
BP1Z	1L NaOH, Zn, Ac		
BP2C	500mL HNO3 plastic	Syringe Kit	LL Cr+6 sampling kit
BP2S	500mL NaOH plastic	ZPLC Ziploc Bag	
BP2U	500mL H2SO4 plastic	R Terracore Kit	
BP2Z	500mL unpreserved plastic	SP5T 120mL Coliform Sodium Thiosulfate	
BP3N	500mL NaOH, Zn Ac	GN General Container	
BP3B	250mL NaOH plastic	U Summa Can (air sample)	
BP3F	250mL HNO3 plastic	WT Water	
BP3U	250mL HNO3 plastic-field filtered	SL Solid	
BP3Z	250mL unpreserved plastic	OL Oil	
BP3R	250mL H2SO4 plastic	NAL Non-aqueous liquid	
BP3S	250mL NaOH, ZnAc plastic	WP Wipe	
BP3R	250mL Unpres. FF SO4/OH buffer		

**Sample Container Count**

\*\* Place a RED dot on containers that are out of conformance \*\*

COC Line Item	MeOH (only) SBS	DI	VOA VIAL HS >6mm		AMBER GLASS									PLASTIC							OTHER			Nitric Sulfuric	Sodium Hydroxide	Sodium Hydroxide/ZnAc	Black																										
			DG9H	DG9U	AG0U	AG1H	AG1U	AG3U	AG3S	AG3SF	AG3B	BP1U	BP1N	BP2U	BP3U	BP3N	BP3F	BP3S	BP3B	BP3Z	CG3H	CG3F	Syringe Kit					Matrix																									
1			2																																																		
2			2																																																		
3																																																					
4																																																					
5																																																					
6																																																					
7																																																					
8				1/2																																																	
9																																																					
10																																																					
11																																																					
12				1/2																																																	

**Glass**

DG9H	40mL HCl amber vial	BG1T	glass
DG9P	40mL TSP amber vial	BG1U	1L unpreserved glass
DG9S	40mL H2SO4 amber vial	CG3U	250mL Unpres Clear Glass
DG9T	40mL Na Thio amber vial	AG0U	100mL unpres amber glass
DG9U	40mL unpreserved amber vial	AG1H	1L HCl amber glass
VG9H	40mL HCl clear vial	AG1S	1L H2SO4 amber glass
VG9T	40mL Na Thio. clear vial	AG1T	1L Na Thiosulfate amber glass
VG9U	40mL unpreserved clear vial	AG1U	1liter unpres amber glass
I	40mL w/hexane wipe vial	AG2N	500mL HNO3 amber glass
WGKJ	8oz unpreserved clear jar	AG2S	500mL H2SO4 amber glass
WGFU	4oz clear soil jar	AG2U	500mL unpres amber glass
JGFU	4oz unpreserved amber wide	AG3S	250mL H2SO4 amber glass
CG3H	250mL clear glass HCl	AG3SF	250mL H2SO4 amb glass -field filtered
CG3F	250mL clear glass HCl, Field Filter	AG3U	250mL unpres amber glass
BG1H	1L HCl clear glass	AG3B	250mL NaOH amber glass
BG1S	1L H2SO4 clear glass		

**Plastic**

BP1B	1L NaOH plastic	BP4U	125mL unpreserved plastic
BP1N	1L HNO3 plastic	BP4N	125mL HNO3 plastic
BP1S	1L H2SO4 plastic	BP4S	125mL H2SO4 plastic
BP1U	1L unpreserved plastic		
BP1Z	1L NaOH, Zn, Ac		
BP2N	500mL HNO3 plastic	Syringe Kit	1LL Cr+6 sampling kit
BP2C	500mL NaOH plastic	ZPLC	Ziploc Bag
BP2S	500mL H2SO4 plastic	R	Terracore Kit
BP2U	500mL unpreserved plastic	SP5T	120mL Coliform Sodium Thiosulfate
BP2Z	500mL NaOH, Zn Ac	GN	General Container
BP3B	250mL NaOH plastic	U	Summa Can (air sample)
BP3N	250mL HNO3 plastic	WT	Water
BP3F	250mL HNO3 plastic-field filtered	SL	Solid
BP3U	250mL unpreserved plastic	OL	Oil
BP3S	250mL H2SO4 plastic	NAL	Non-aqueous liquid
BP3Z	250mL NaOH, ZnAc plastic	WP	Wipe
BP3R	250mL Unpres. FF SO4/OH buffer		

**Miscellaneous**

## **APPENDIX D**

### **Soil-Gas Laboratory Certificate of Analysis**



Microbac Laboratories, Inc. - Chicagoland

CERTIFICATE OF ANALYSIS

C4F0291

Project Description

Genesis Convention Center - Gary, IN

For:

Sean Hall

**Heartland Environmental Associates**

3410 E Mishawaka AVE

South Bend, IN 46615

---

Senior Project Manager

Kristen Ramirez

Monday, June 17, 2024

Please find enclosed the analytical results for the samples you submitted to Microbac Laboratories. Review and compilation of your report was completed by Microbac Laboratories, Inc. - Chicagoland. If you have any questions, comments, or require further assistance regarding this report, please contact your service representative listed above.

I certify that all test results meet all of the requirements of the accrediting authority listed within this report. Analytical results are reported on a 'as received' basis unless specified otherwise. Analytical results for solids with units ending in (dry) are reported on a dry weight basis. A statement of uncertainty for each analysis is available upon request. This laboratory report shall not be reproduced, except in full, without the written approval of Microbac Laboratories. The reported results are related only to the samples analyzed as received.

Microbac Laboratories, Inc.

250 West 84th Drive | Merrillville, IN 46410 | 219.769.8378 p | [www.microbac.com](http://www.microbac.com)



Microbac Laboratories, Inc. - Chicagoland

CERTIFICATE OF ANALYSIS

C4F0291

Heartland Environmental Associates

Sean Hall
3410 E Mishawaka AVE
South Bend, IN 46615

Project Name: Genesis Convention Center - Gary, IN

Project / PO Number: N/A

Received: 06/05/2024

Reported: 06/17/2024

Sample Summary Report

Table with 7 columns: Sample Name, Laboratory ID, Client Matrix, Sample Type, Sample Begin, Sample Taken, Lab Received. Rows include SG-1 through SG-16 and FD-1.





Microbac Laboratories, Inc. - Chicagoland

CERTIFICATE OF ANALYSIS

C4F0291

Analytical Testing Parameters

Client Sample ID:	SG-1	Collection Date:	06/04/2024 10:38
Sample Matrix:	Air		
Lab Sample ID:	C4F0291-01		

Volatile Organic Compounds by GCMS	Result	RL	Units	DF	Note	Prepared	Analyzed	Analyst
<b>EPA TO-15/EPA TO-15</b>								
Acetone	72	23	ug/m3	5		06/07/24 1030	06/07/24 1404	JLN
Acrolein	<1.1	1.1	ug/m3	1		06/06/24 1058	06/06/24 1519	JLN
Benzene	5.6	1.6	ug/m3	1		06/06/24 1058	06/06/24 1519	JLN
Benzyl chloride	<2.6	2.6	ug/m3	1		06/06/24 1058	06/06/24 1519	JLN
Bromodichloromethane	<3.3	3.3	ug/m3	1		06/06/24 1058	06/06/24 1519	JLN
Bromoform	<5.1	5.1	ug/m3	1		06/06/24 1058	06/06/24 1519	JLN
1,3-Butadiene	2.1	1.1	ug/m3	1		06/06/24 1058	06/06/24 1519	JLN
2-Butanone	19	5.9	ug/m3	1		06/06/24 1058	06/06/24 1519	JLN
tert-Butyl alcohol	7.4	3.0	ug/m3	1		06/06/24 1058	06/06/24 1519	JLN
Carbon disulfide	<3.1	3.1	ug/m3	1		06/06/24 1058	06/06/24 1519	JLN
Carbon tetrachloride	<3.1	3.1	ug/m3	1		06/06/24 1058	06/06/24 1519	JLN
Chlorobenzene	<2.3	2.3	ug/m3	1		06/06/24 1058	06/06/24 1519	JLN
Chlorodibromomethane	<4.2	4.2	ug/m3	1		06/06/24 1058	06/06/24 1519	JLN
Chloroethane	<1.3	1.3	ug/m3	1		06/06/24 1058	06/06/24 1519	JLN
Chloroform	<2.4	2.4	ug/m3	1		06/06/24 1058	06/06/24 1519	JLN
Cyclohexane	<1.7	1.7	ug/m3	1		06/06/24 1058	06/06/24 1519	JLN
1,2-Dibromoethane	<3.8	3.8	ug/m3	1		06/06/24 1058	06/06/24 1519	JLN
1,3-Dichlorobenzene	<3.0	3.0	ug/m3	1		06/06/24 1058	06/06/24 1519	JLN
1,4-Dichlorobenzene	<3.0	3.0	ug/m3	1		06/06/24 1058	06/06/24 1519	JLN
1,2-Dichlorobenzene	<3.0	3.0	ug/m3	1		06/06/24 1058	06/06/24 1519	JLN
Dichlorodifluoromethane	190	12	ug/m3	5		06/07/24 1030	06/07/24 1404	JLN
1,1-Dichloroethane	<2.0	2.0	ug/m3	1		06/06/24 1058	06/06/24 1519	JLN
1,2-Dichloroethane	<2.0	2.0	ug/m3	1		06/06/24 1058	06/06/24 1519	JLN
1,1-Dichloroethene	<2.0	2.0	ug/m3	1		06/06/24 1058	06/06/24 1519	JLN
cis-1,2-Dichloroethylene	<2.0	2.0	ug/m3	1		06/06/24 1058	06/06/24 1519	JLN
trans-1,2-Dichloroethylene	<2.0	2.0	ug/m3	1		06/06/24 1058	06/06/24 1519	JLN
1,2-Dichloropropane	<2.3	2.3	ug/m3	1		06/06/24 1058	06/06/24 1519	JLN
cis-1,3-Dichloropropylene	<2.3	2.3	ug/m3	1		06/06/24 1058	06/06/24 1519	JLN
trans-1,3-Dichloropropylene	<2.3	2.3	ug/m3	1		06/06/24 1058	06/06/24 1519	JLN
1,2-Dichloro-1,1,2,2-tetrafluoroethane	<3.5	3.5	ug/m3	1		06/06/24 1058	06/06/24 1519	JLN
1,4-Dioxane	<7.2	7.2	ug/m3	1		06/06/24 1058	06/06/24 1519	JLN
Ethyl acetate	<1.8	1.8	ug/m3	1		06/06/24 1058	06/06/24 1519	JLN
Ethylbenzene	3.6	2.2	ug/m3	1		06/06/24 1058	06/06/24 1519	JLN
4-Ethyltoluene	3.2	2.4	ug/m3	1		06/06/24 1058	06/06/24 1519	JLN
n-Heptane	2.6	2.0	ug/m3	1		06/06/24 1058	06/06/24 1519	JLN
Hexachlorobutadiene	<21	21	ug/m3	1		06/06/24 1058	06/06/24 1519	JLN
Hexane	<18	18	ug/m3	1		06/06/24 1058	06/06/24 1519	JLN
2-Hexanone	<8.2	8.2	ug/m3	1		06/06/24 1058	06/06/24 1519	JLN
Isopropyl alcohol	<4.9	4.9	ug/m3	1		06/06/24 1058	06/06/24 1519	JLN
Isopropylbenzene	<2.4	2.4	ug/m3	1		06/06/24 1058	06/06/24 1519	JLN



Microbac Laboratories, Inc. - Chicagoland

CERTIFICATE OF ANALYSIS

C4F0291

<b>Client Sample ID:</b>	SG-1	<b>Collection Date:</b>	06/04/2024 10:38
<b>Sample Matrix:</b>	Air		
<b>Lab Sample ID:</b>	C4F0291-01		

Volatiles Organic Compounds by GCMS	Result	RL	Units	DF	Note	Prepared	Analyzed	Analyst
Methyl bromide	<1.9	1.9	ug/m3	1		06/06/24 1058	06/06/24 1519	JLN
Methyl tert-butyl ether	<1.8	1.8	ug/m3	1		06/06/24 1058	06/06/24 1519	JLN
Methyl chloride	<4.1	4.1	ug/m3	1		06/06/24 1058	06/06/24 1519	JLN
Methylene chloride	<17	17	ug/m3	1		06/06/24 1058	06/06/24 1519	JLN
Methyl Methacrylate	<4.1	4.1	ug/m3	1		06/06/24 1058	06/06/24 1519	JLN
4-Methyl-2-pentanone	<20	20	ug/m3	1		06/06/24 1058	06/06/24 1519	JLN
Naphthalene	<5.2	5.2	ug/m3	1		06/06/24 1058	06/06/24 1519	JLN
Propylene	<b>15</b>	1.7	ug/m3	1		06/06/24 1058	06/06/24 1519	JLN
Styrene	<2.1	2.1	ug/m3	1		06/06/24 1058	06/06/24 1519	JLN
1,1,2,2-Tetrachloroethane	<3.4	3.4	ug/m3	1		06/06/24 1058	06/06/24 1519	JLN
Tetrachloroethylene	<b>27</b>	3.4	ug/m3	1		06/06/24 1058	06/06/24 1519	JLN
Tetrahydrofuran	<1.5	1.5	ug/m3	1		06/06/24 1058	06/06/24 1519	JLN
Toluene	<b>12</b>	1.9	ug/m3	1		06/06/24 1058	06/06/24 1519	JLN
1,2,4-Trichlorobenzene	<15	15	ug/m3	1		06/06/24 1058	06/06/24 1519	JLN
1,1,1-Trichloroethane	<2.7	2.7	ug/m3	1		06/06/24 1058	06/06/24 1519	JLN
1,1,2-Trichloroethane	<2.7	2.7	ug/m3	1		06/06/24 1058	06/06/24 1519	JLN
Trichloroethene	<1.3	1.3	ug/m3	1		06/06/24 1058	06/06/24 1519	JLN
Trichlorofluoromethane	<b>11</b>	2.8	ug/m3	1		06/06/24 1058	06/06/24 1519	JLN
1,1,2-Trichloro-1,2,2-trifluoroethane	<3.8	3.8	ug/m3	1		06/06/24 1058	06/06/24 1519	JLN
1,3,5-Trimethylbenzene	<b>2.6</b>	2.4	ug/m3	1		06/06/24 1058	06/06/24 1519	JLN
1,2,4-Trimethylbenzene	<b>12</b>	2.4	ug/m3	1		06/06/24 1058	06/06/24 1519	JLN
Vinyl acetate	<7.0	7.0	ug/m3	1		06/06/24 1058	06/06/24 1519	JLN
Vinyl chloride	<1.3	1.3	ug/m3	1		06/06/24 1058	06/06/24 1519	JLN
o-Xylene	<b>5.4</b>	2.2	ug/m3	1		06/06/24 1058	06/06/24 1519	JLN
m&p-xylene	<b>14</b>	4.3	ug/m3	1		06/06/24 1058	06/06/24 1519	JLN
Surrogate: 4-Bromofluorobenzene	112	Limit: 77.7-127	% Rec	5		06/07/24 1030	06/07/24 1404	JLN
Surrogate: 4-Bromofluorobenzene	112	Limit: 77.7-127	% Rec	1		06/06/24 1058	06/06/24 1519	JLN



Microbac Laboratories, Inc. - Chicagoland

CERTIFICATE OF ANALYSIS

C4F0291

<b>Client Sample ID:</b>	SG-2	<b>Collection Date:</b>	06/04/2024 10:57
<b>Sample Matrix:</b>	Air		
<b>Lab Sample ID:</b>	C4F0291-02		

Volatiles Organic Compounds by GCMS	Result	RL	Units	DF	Note	Prepared	Analyzed	Analyst
<b>EPA TO-15/EPA TO-15</b>								
Acetone	110	47	ug/m3	10		06/07/24 1030	06/07/24 1517	JLN
Acrolein	<1.1	1.1	ug/m3	1		06/06/24 1058	06/06/24 1558	JLN
Benzene	6.7	1.6	ug/m3	1		06/06/24 1058	06/06/24 1558	JLN
Benzyl chloride	<2.6	2.6	ug/m3	1		06/06/24 1058	06/06/24 1558	JLN
Bromodichloromethane	<3.3	3.3	ug/m3	1		06/06/24 1058	06/06/24 1558	JLN
Bromoform	<5.2	5.2	ug/m3	1		06/06/24 1058	06/06/24 1558	JLN
1,3-Butadiene	6.3	1.1	ug/m3	1		06/06/24 1058	06/06/24 1558	JLN
2-Butanone	13	5.9	ug/m3	1		06/06/24 1058	06/06/24 1558	JLN
tert-Butyl alcohol	11	3.0	ug/m3	1		06/06/24 1058	06/06/24 1558	JLN
Carbon disulfide	22	3.1	ug/m3	1		06/06/24 1058	06/06/24 1558	JLN
Carbon tetrachloride	<3.1	3.1	ug/m3	1		06/06/24 1058	06/06/24 1558	JLN
Chlorobenzene	<2.3	2.3	ug/m3	1		06/06/24 1058	06/06/24 1558	JLN
Chlorodibromomethane	<4.2	4.2	ug/m3	1		06/06/24 1058	06/06/24 1558	JLN
Chloroethane	<1.3	1.3	ug/m3	1		06/06/24 1058	06/06/24 1558	JLN
Chloroform	<2.4	2.4	ug/m3	1		06/06/24 1058	06/06/24 1558	JLN
Cyclohexane	26	1.7	ug/m3	1		06/06/24 1058	06/06/24 1558	JLN
1,2-Dibromoethane	<3.8	3.8	ug/m3	1		06/06/24 1058	06/06/24 1558	JLN
1,3-Dichlorobenzene	<3.0	3.0	ug/m3	1		06/06/24 1058	06/06/24 1558	JLN
1,4-Dichlorobenzene	<3.0	3.0	ug/m3	1		06/06/24 1058	06/06/24 1558	JLN
1,2-Dichlorobenzene	<3.0	3.0	ug/m3	1		06/06/24 1058	06/06/24 1558	JLN
Dichlorodifluoromethane	450	25	ug/m3	10		06/07/24 1030	06/07/24 1517	JLN
1,1-Dichloroethane	<2.0	2.0	ug/m3	1		06/06/24 1058	06/06/24 1558	JLN
1,2-Dichloroethane	<2.0	2.0	ug/m3	1		06/06/24 1058	06/06/24 1558	JLN
1,1-Dichloroethene	<2.0	2.0	ug/m3	1		06/06/24 1058	06/06/24 1558	JLN
cis-1,2-Dichloroethylene	<2.0	2.0	ug/m3	1		06/06/24 1058	06/06/24 1558	JLN
trans-1,2-Dichloroethylene	<2.0	2.0	ug/m3	1		06/06/24 1058	06/06/24 1558	JLN
1,2-Dichloropropane	<2.3	2.3	ug/m3	1		06/06/24 1058	06/06/24 1558	JLN
cis-1,3-Dichloropropylene	<2.3	2.3	ug/m3	1		06/06/24 1058	06/06/24 1558	JLN
trans-1,3-Dichloropropylene	<2.3	2.3	ug/m3	1		06/06/24 1058	06/06/24 1558	JLN
1,2-Dichloro-1,1,2,2-tetrafluoroethane	<3.5	3.5	ug/m3	1		06/06/24 1058	06/06/24 1558	JLN
1,4-Dioxane	<7.2	7.2	ug/m3	1		06/06/24 1058	06/06/24 1558	JLN
Ethyl acetate	<1.8	1.8	ug/m3	1		06/06/24 1058	06/06/24 1558	JLN
Ethylbenzene	5.9	2.2	ug/m3	1		06/06/24 1058	06/06/24 1558	JLN
4-Ethyltoluene	4.5	2.5	ug/m3	1		06/06/24 1058	06/06/24 1558	JLN
n-Heptane	15	2.0	ug/m3	1		06/06/24 1058	06/06/24 1558	JLN
Hexachlorobutadiene	<21	21	ug/m3	1		06/06/24 1058	06/06/24 1558	JLN
Hexane	31	18	ug/m3	1		06/06/24 1058	06/06/24 1558	JLN
2-Hexanone	<8.2	8.2	ug/m3	1		06/06/24 1058	06/06/24 1558	JLN
Isopropyl alcohol	6.8	4.9	ug/m3	1		06/06/24 1058	06/06/24 1558	JLN
Isopropylbenzene	<2.5	2.5	ug/m3	1		06/06/24 1058	06/06/24 1558	JLN
Methyl bromide	<1.9	1.9	ug/m3	1		06/06/24 1058	06/06/24 1558	JLN
Methyl tert-butyl ether	<1.8	1.8	ug/m3	1		06/06/24 1058	06/06/24 1558	JLN



Microbac Laboratories, Inc. - Chicagoland

CERTIFICATE OF ANALYSIS

C4F0291

<b>Client Sample ID:</b>	SG-2	<b>Collection Date:</b>	06/04/2024 10:57
<b>Sample Matrix:</b>	Air		
<b>Lab Sample ID:</b>	C4F0291-02		

Volatiles Organic Compounds by GCMS	Result	RL	Units	DF	Note	Prepared	Analyzed	Analyst
Methyl chloride	<4.1	4.1	ug/m3	1		06/06/24 1058	06/06/24 1558	JLN
Methylene chloride	<17	17	ug/m3	1		06/06/24 1058	06/06/24 1558	JLN
Methyl Methacrylate	<4.1	4.1	ug/m3	1		06/06/24 1058	06/06/24 1558	JLN
4-Methyl-2-pentanone	<20	20	ug/m3	1		06/06/24 1058	06/06/24 1558	JLN
Naphthalene	<5.2	5.2	ug/m3	1		06/06/24 1058	06/06/24 1558	JLN
Propylene	<b>60</b>	17	ug/m3	10		06/07/24 1030	06/07/24 1517	JLN
Styrene	<2.1	2.1	ug/m3	1		06/06/24 1058	06/06/24 1558	JLN
1,1,2,2-Tetrachloroethane	<3.4	3.4	ug/m3	1		06/06/24 1058	06/06/24 1558	JLN
Tetrachloroethylene	<b>43</b>	3.4	ug/m3	1		06/06/24 1058	06/06/24 1558	JLN
Tetrahydrofuran	<1.5	1.5	ug/m3	1		06/06/24 1058	06/06/24 1558	JLN
Toluene	<b>20</b>	1.9	ug/m3	1		06/06/24 1058	06/06/24 1558	JLN
1,2,4-Trichlorobenzene	<15	15	ug/m3	1		06/06/24 1058	06/06/24 1558	JLN
1,1,1-Trichloroethane	<2.7	2.7	ug/m3	1		06/06/24 1058	06/06/24 1558	JLN
1,1,2-Trichloroethane	<2.7	2.7	ug/m3	1		06/06/24 1058	06/06/24 1558	JLN
Trichloroethene	<1.3	1.3	ug/m3	1		06/06/24 1058	06/06/24 1558	JLN
Trichlorofluoromethane	<b>46</b>	2.8	ug/m3	1		06/06/24 1058	06/06/24 1558	JLN
1,1,2-Trichloro-1,2,2-trifluoroethane	<3.8	3.8	ug/m3	1		06/06/24 1058	06/06/24 1558	JLN
1,3,5-Trimethylbenzene	<b>4.1</b>	2.5	ug/m3	1		06/06/24 1058	06/06/24 1558	JLN
1,2,4-Trimethylbenzene	<b>17</b>	2.5	ug/m3	1		06/06/24 1058	06/06/24 1558	JLN
Vinyl acetate	<7.0	7.0	ug/m3	1		06/06/24 1058	06/06/24 1558	JLN
Vinyl chloride	<1.3	1.3	ug/m3	1		06/06/24 1058	06/06/24 1558	JLN
o-Xylene	<b>8.7</b>	2.2	ug/m3	1		06/06/24 1058	06/06/24 1558	JLN
m&p-xylene	<b>23</b>	4.3	ug/m3	1		06/06/24 1058	06/06/24 1558	JLN
Surrogate: 4-Bromofluorobenzene	110	Limit: 77.7-127	% Rec	10		06/07/24 1030	06/07/24 1517	JLN
Surrogate: 4-Bromofluorobenzene	116	Limit: 77.7-127	% Rec	1		06/06/24 1058	06/06/24 1558	JLN



Microbac Laboratories, Inc. - Chicagoland

CERTIFICATE OF ANALYSIS

C4F0291

<b>Client Sample ID:</b> SG-3	
<b>Sample Matrix:</b> Air	
<b>Lab Sample ID:</b> C4F0291-03	<b>Collection Date:</b> 06/04/2024 12:03

Volatiles Organic Compounds by GCMS	Result	RL	Units	DF	Note	Prepared	Analyzed	Analyst
<b>EPA TO-15/EPA TO-15</b>								
Acetone	71	23	ug/m3	5		06/07/24 1030	06/07/24 1554	JLN
Acrolein	<1.1	1.1	ug/m3	1		06/06/24 1058	06/06/24 1638	JLN
Benzene	2.7	1.6	ug/m3	1		06/06/24 1058	06/06/24 1638	JLN
Benzyl chloride	<2.6	2.6	ug/m3	1		06/06/24 1058	06/06/24 1638	JLN
Bromodichloromethane	<3.3	3.3	ug/m3	1		06/06/24 1058	06/06/24 1638	JLN
Bromoform	<5.1	5.1	ug/m3	1		06/06/24 1058	06/06/24 1638	JLN
1,3-Butadiene	3.4	1.1	ug/m3	1		06/06/24 1058	06/06/24 1638	JLN
2-Butanone	23	5.9	ug/m3	1		06/06/24 1058	06/06/24 1638	JLN
tert-Butyl alcohol	21	3.0	ug/m3	1		06/06/24 1058	06/06/24 1638	JLN
Carbon disulfide	3.3	3.1	ug/m3	1		06/06/24 1058	06/06/24 1638	JLN
Carbon tetrachloride	<3.1	3.1	ug/m3	1		06/06/24 1058	06/06/24 1638	JLN
Chlorobenzene	<2.3	2.3	ug/m3	1		06/06/24 1058	06/06/24 1638	JLN
Chlorodibromomethane	<4.2	4.2	ug/m3	1		06/06/24 1058	06/06/24 1638	JLN
Chloroethane	<1.3	1.3	ug/m3	1		06/06/24 1058	06/06/24 1638	JLN
Chloroform	<2.4	2.4	ug/m3	1		06/06/24 1058	06/06/24 1638	JLN
Cyclohexane	2.6	1.7	ug/m3	1		06/06/24 1058	06/06/24 1638	JLN
1,2-Dibromoethane	<3.8	3.8	ug/m3	1		06/06/24 1058	06/06/24 1638	JLN
1,3-Dichlorobenzene	<3.0	3.0	ug/m3	1		06/06/24 1058	06/06/24 1638	JLN
1,4-Dichlorobenzene	<3.0	3.0	ug/m3	1		06/06/24 1058	06/06/24 1638	JLN
1,2-Dichlorobenzene	<3.0	3.0	ug/m3	1		06/06/24 1058	06/06/24 1638	JLN
Dichlorodifluoromethane	38	2.5	ug/m3	1		06/06/24 1058	06/06/24 1638	JLN
1,1-Dichloroethane	<2.0	2.0	ug/m3	1		06/06/24 1058	06/06/24 1638	JLN
1,2-Dichloroethane	<2.0	2.0	ug/m3	1		06/06/24 1058	06/06/24 1638	JLN
1,1-Dichloroethene	<2.0	2.0	ug/m3	1		06/06/24 1058	06/06/24 1638	JLN
cis-1,2-Dichloroethylene	<2.0	2.0	ug/m3	1		06/06/24 1058	06/06/24 1638	JLN
trans-1,2-Dichloroethylene	<2.0	2.0	ug/m3	1		06/06/24 1058	06/06/24 1638	JLN
1,2-Dichloropropane	<2.3	2.3	ug/m3	1		06/06/24 1058	06/06/24 1638	JLN
cis-1,3-Dichloropropylene	<2.3	2.3	ug/m3	1		06/06/24 1058	06/06/24 1638	JLN
trans-1,3-Dichloropropylene	<2.3	2.3	ug/m3	1		06/06/24 1058	06/06/24 1638	JLN
1,2-Dichloro-1,1,2,2-tetrafluoroethane	<3.5	3.5	ug/m3	1		06/06/24 1058	06/06/24 1638	JLN
1,4-Dioxane	<7.2	7.2	ug/m3	1		06/06/24 1058	06/06/24 1638	JLN
Ethyl acetate	<1.8	1.8	ug/m3	1		06/06/24 1058	06/06/24 1638	JLN
Ethylbenzene	7.0	2.2	ug/m3	1		06/06/24 1058	06/06/24 1638	JLN
4-Ethyltoluene	5.9	2.4	ug/m3	1		06/06/24 1058	06/06/24 1638	JLN
n-Heptane	4.0	2.0	ug/m3	1		06/06/24 1058	06/06/24 1638	JLN
Hexachlorobutadiene	<21	21	ug/m3	1		06/06/24 1058	06/06/24 1638	JLN
Hexane	<18	18	ug/m3	1		06/06/24 1058	06/06/24 1638	JLN
2-Hexanone	<8.2	8.2	ug/m3	1		06/06/24 1058	06/06/24 1638	JLN
Isopropyl alcohol	7.9	4.9	ug/m3	1		06/06/24 1058	06/06/24 1638	JLN
Isopropylbenzene	<2.4	2.4	ug/m3	1		06/06/24 1058	06/06/24 1638	JLN
Methyl bromide	<1.9	1.9	ug/m3	1		06/06/24 1058	06/06/24 1638	JLN
Methyl tert-butyl ether	<1.8	1.8	ug/m3	1		06/06/24 1058	06/06/24 1638	JLN



Microbac Laboratories, Inc. - Chicagoland

CERTIFICATE OF ANALYSIS

C4F0291

<b>Client Sample ID:</b>	SG-3	<b>Collection Date:</b>	06/04/2024 12:03
<b>Sample Matrix:</b>	Air		
<b>Lab Sample ID:</b>	C4F0291-03		

Volatiles Organic Compounds by GCMS	Result	RL	Units	DF	Note	Prepared	Analyzed	Analyst
Methyl chloride	<4.1	4.1	ug/m3	1		06/06/24 1058	06/06/24 1638	JLN
Methylene chloride	<17	17	ug/m3	1		06/06/24 1058	06/06/24 1638	JLN
Methyl Methacrylate	<4.1	4.1	ug/m3	1		06/06/24 1058	06/06/24 1638	JLN
4-Methyl-2-pentanone	<20	20	ug/m3	1		06/06/24 1058	06/06/24 1638	JLN
Naphthalene	<5.2	5.2	ug/m3	1		06/06/24 1058	06/06/24 1638	JLN
Propylene	<b>16</b>	1.7	ug/m3	1		06/06/24 1058	06/06/24 1638	JLN
Styrene	<2.1	2.1	ug/m3	1		06/06/24 1058	06/06/24 1638	JLN
1,1,2,2-Tetrachloroethane	<3.4	3.4	ug/m3	1		06/06/24 1058	06/06/24 1638	JLN
Tetrachloroethylene	<b>57</b>	3.4	ug/m3	1		06/06/24 1058	06/06/24 1638	JLN
Tetrahydrofuran	<1.5	1.5	ug/m3	1		06/06/24 1058	06/06/24 1638	JLN
Toluene	<b>20</b>	1.9	ug/m3	1		06/06/24 1058	06/06/24 1638	JLN
1,2,4-Trichlorobenzene	<15	15	ug/m3	1		06/06/24 1058	06/06/24 1638	JLN
1,1,1-Trichloroethane	<2.7	2.7	ug/m3	1		06/06/24 1058	06/06/24 1638	JLN
1,1,2-Trichloroethane	<2.7	2.7	ug/m3	1		06/06/24 1058	06/06/24 1638	JLN
Trichloroethene	<1.3	1.3	ug/m3	1		06/06/24 1058	06/06/24 1638	JLN
Trichlorofluoromethane	<2.8	2.8	ug/m3	1		06/06/24 1058	06/06/24 1638	JLN
1,1,2-Trichloro-1,2,2-trifluoroethane	<3.8	3.8	ug/m3	1		06/06/24 1058	06/06/24 1638	JLN
1,3,5-Trimethylbenzene	<b>5.4</b>	2.4	ug/m3	1		06/06/24 1058	06/06/24 1638	JLN
1,2,4-Trimethylbenzene	<b>22</b>	2.4	ug/m3	1		06/06/24 1058	06/06/24 1638	JLN
Vinyl acetate	<7.0	7.0	ug/m3	1		06/06/24 1058	06/06/24 1638	JLN
Vinyl chloride	<1.3	1.3	ug/m3	1		06/06/24 1058	06/06/24 1638	JLN
o-Xylene	<b>10</b>	2.2	ug/m3	1		06/06/24 1058	06/06/24 1638	JLN
m&p-xylene	<b>27</b>	4.3	ug/m3	1		06/06/24 1058	06/06/24 1638	JLN
Surrogate: 4-Bromofluorobenzene	112	Limit: 77.7-127	% Rec	5		06/07/24 1030	06/07/24 1554	JLN
Surrogate: 4-Bromofluorobenzene	114	Limit: 77.7-127	% Rec	1		06/06/24 1058	06/06/24 1638	JLN



Microbac Laboratories, Inc. - Chicagoland

CERTIFICATE OF ANALYSIS

C4F0291

<b>Client Sample ID:</b> SG-4	
<b>Sample Matrix:</b> Air	
<b>Lab Sample ID:</b> C4F0291-04	<b>Collection Date:</b> 06/04/2024 13:18

Volatil Organic Compounds by GCMS	Result	RL	Units	DF	Note	Prepared	Analyzed	Analyst
<b>EPA TO-15/EPA TO-15</b>								
Acetone	650	230	ug/m3	50		06/07/24 1030	06/07/24 1629	JLN
Acrolein	<1.1	1.1	ug/m3	1		06/06/24 1058	06/06/24 1718	JLN
Benzene	29	1.6	ug/m3	1		06/06/24 1058	06/06/24 1718	JLN
Benzyl chloride	<2.6	2.6	ug/m3	1		06/06/24 1058	06/06/24 1718	JLN
Bromodichloromethane	<3.3	3.3	ug/m3	1		06/06/24 1058	06/06/24 1718	JLN
Bromoform	<5.2	5.2	ug/m3	1		06/06/24 1058	06/06/24 1718	JLN
1,3-Butadiene	<1.1	1.1	ug/m3	1		06/06/24 1058	06/06/24 1718	JLN
2-Butanone	43	5.9	ug/m3	1		06/06/24 1058	06/06/24 1718	JLN
tert-Butyl alcohol	34	3.0	ug/m3	1		06/06/24 1058	06/06/24 1718	JLN
Carbon disulfide	47	3.1	ug/m3	1		06/06/24 1058	06/06/24 1718	JLN
Carbon tetrachloride	<3.1	3.1	ug/m3	1		06/06/24 1058	06/06/24 1718	JLN
Chlorobenzene	<2.3	2.3	ug/m3	1		06/06/24 1058	06/06/24 1718	JLN
Chlorodibromomethane	<4.2	4.2	ug/m3	1		06/06/24 1058	06/06/24 1718	JLN
Chloroethane	<1.3	1.3	ug/m3	1		06/06/24 1058	06/06/24 1718	JLN
Chloroform	<2.4	2.4	ug/m3	1		06/06/24 1058	06/06/24 1718	JLN
Cyclohexane	6.5	1.7	ug/m3	1		06/06/24 1058	06/06/24 1718	JLN
1,2-Dibromoethane	<3.8	3.8	ug/m3	1		06/06/24 1058	06/06/24 1718	JLN
1,3-Dichlorobenzene	<3.0	3.0	ug/m3	1		06/06/24 1058	06/06/24 1718	JLN
1,4-Dichlorobenzene	<3.0	3.0	ug/m3	1		06/06/24 1058	06/06/24 1718	JLN
1,2-Dichlorobenzene	<3.0	3.0	ug/m3	1		06/06/24 1058	06/06/24 1718	JLN
Dichlorodifluoromethane	130	120	ug/m3	50		06/07/24 1030	06/07/24 1629	JLN
1,1-Dichloroethane	<2.0	2.0	ug/m3	1		06/06/24 1058	06/06/24 1718	JLN
1,2-Dichloroethane	<2.0	2.0	ug/m3	1		06/06/24 1058	06/06/24 1718	JLN
1,1-Dichloroethene	<2.0	2.0	ug/m3	1		06/06/24 1058	06/06/24 1718	JLN
cis-1,2-Dichloroethylene	<2.0	2.0	ug/m3	1		06/06/24 1058	06/06/24 1718	JLN
trans-1,2-Dichloroethylene	<2.0	2.0	ug/m3	1		06/06/24 1058	06/06/24 1718	JLN
1,2-Dichloropropane	<2.3	2.3	ug/m3	1		06/06/24 1058	06/06/24 1718	JLN
cis-1,3-Dichloropropylene	<2.3	2.3	ug/m3	1		06/06/24 1058	06/06/24 1718	JLN
trans-1,3-Dichloropropylene	<2.3	2.3	ug/m3	1		06/06/24 1058	06/06/24 1718	JLN
1,2-Dichloro-1,1,2,2-tetrafluoroethane	<3.5	3.5	ug/m3	1		06/06/24 1058	06/06/24 1718	JLN
1,4-Dioxane	<7.2	7.2	ug/m3	1		06/06/24 1058	06/06/24 1718	JLN
Ethyl acetate	<1.8	1.8	ug/m3	1		06/06/24 1058	06/06/24 1718	JLN
Ethylbenzene	9.7	2.2	ug/m3	1		06/06/24 1058	06/06/24 1718	JLN
4-Ethyltoluene	5.4	2.5	ug/m3	1		06/06/24 1058	06/06/24 1718	JLN
n-Heptane	430	100	ug/m3	50		06/07/24 1030	06/07/24 1629	JLN
Hexachlorobutadiene	<21	21	ug/m3	1		06/06/24 1058	06/06/24 1718	JLN
Hexane	980	86	ug/m3	50		06/07/24 1030	06/07/24 1629	JLN
2-Hexanone	<8.2	8.2	ug/m3	1		06/06/24 1058	06/06/24 1718	JLN
Isopropyl alcohol	6.1	4.9	ug/m3	1		06/06/24 1058	06/06/24 1718	JLN
Isopropylbenzene	<2.5	2.5	ug/m3	1		06/06/24 1058	06/06/24 1718	JLN
Methyl bromide	<1.9	1.9	ug/m3	1		06/06/24 1058	06/06/24 1718	JLN
Methyl tert-butyl ether	<1.8	1.8	ug/m3	1		06/06/24 1058	06/06/24 1718	JLN



Microbac Laboratories, Inc. - Chicagoland

CERTIFICATE OF ANALYSIS

C4F0291

Client Sample ID:	SG-4	Collection Date:	06/04/2024 13:18
Sample Matrix:	Air		
Lab Sample ID:	C4F0291-04		

Volatiles Organic Compounds by GCMS	Result	RL	Units	DF	Note	Prepared	Analyzed	Analyst
Methyl chloride	<4.1	4.1	ug/m3	1		06/06/24 1058	06/06/24 1718	JLN
Methylene chloride	<17	17	ug/m3	1		06/06/24 1058	06/06/24 1718	JLN
Methyl Methacrylate	<4.1	4.1	ug/m3	1		06/06/24 1058	06/06/24 1718	JLN
4-Methyl-2-pentanone	28	20	ug/m3	1		06/06/24 1058	06/06/24 1718	JLN
Naphthalene	<5.2	5.2	ug/m3	1		06/06/24 1058	06/06/24 1718	JLN
Propylene	240	84	ug/m3	50		06/07/24 1030	06/07/24 1629	JLN
Styrene	<2.1	2.1	ug/m3	1		06/06/24 1058	06/06/24 1718	JLN
1,1,2,2-Tetrachloroethane	<3.4	3.4	ug/m3	1		06/06/24 1058	06/06/24 1718	JLN
Tetrachloroethylene	54	3.4	ug/m3	1		06/06/24 1058	06/06/24 1718	JLN
Tetrahydrofuran	<1.5	1.5	ug/m3	1		06/06/24 1058	06/06/24 1718	JLN
Toluene	34	1.9	ug/m3	1		06/06/24 1058	06/06/24 1718	JLN
1,2,4-Trichlorobenzene	<15	15	ug/m3	1		06/06/24 1058	06/06/24 1718	JLN
1,1,1-Trichloroethane	<2.7	2.7	ug/m3	1		06/06/24 1058	06/06/24 1718	JLN
1,1,2-Trichloroethane	<2.7	2.7	ug/m3	1		06/06/24 1058	06/06/24 1718	JLN
Trichloroethene	<1.3	1.3	ug/m3	1		06/06/24 1058	06/06/24 1718	JLN
Trichlorofluoromethane	6.9	2.8	ug/m3	1		06/06/24 1058	06/06/24 1718	JLN
1,1,2-Trichloro-1,2,2-trifluoroethane	<3.8	3.8	ug/m3	1		06/06/24 1058	06/06/24 1718	JLN
1,3,5-Trimethylbenzene	5.0	2.5	ug/m3	1		06/06/24 1058	06/06/24 1718	JLN
1,2,4-Trimethylbenzene	19	2.5	ug/m3	1		06/06/24 1058	06/06/24 1718	JLN
Vinyl acetate	<7.0	7.0	ug/m3	1		06/06/24 1058	06/06/24 1718	JLN
Vinyl chloride	<1.3	1.3	ug/m3	1		06/06/24 1058	06/06/24 1718	JLN
o-Xylene	11	2.2	ug/m3	1		06/06/24 1058	06/06/24 1718	JLN
m&p-xylene	29	4.3	ug/m3	1		06/06/24 1058	06/06/24 1718	JLN
Surrogate: 4-Bromofluorobenzene	105	Limit: 77.7-127	% Rec	50		06/07/24 1030	06/07/24 1629	JLN
Surrogate: 4-Bromofluorobenzene	120	Limit: 77.7-127	% Rec	1		06/06/24 1058	06/06/24 1718	JLN





Microbac Laboratories, Inc. - Chicagoland

CERTIFICATE OF ANALYSIS

C4F0291

<b>Client Sample ID:</b> SG-5	
<b>Sample Matrix:</b> Air	
<b>Lab Sample ID:</b> C4F0291-05	<b>Collection Date:</b> 06/04/2024 13:56

Volatil Organic Compounds by GCMS	Result	RL	Units	DF	Note	Prepared	Analyzed	Analyst
<b>EPA TO-15/EPA TO-15</b>								
Acetone	130	23	ug/m3	5		06/07/24 1030	06/07/24 1705	JLN
Acrolein	4.2	1.1	ug/m3	1		06/06/24 1058	06/06/24 1757	JLN
Benzene	6.0	1.6	ug/m3	1		06/06/24 1058	06/06/24 1757	JLN
Benzyl chloride	<2.6	2.6	ug/m3	1		06/06/24 1058	06/06/24 1757	JLN
Bromodichloromethane	<3.3	3.3	ug/m3	1		06/06/24 1058	06/06/24 1757	JLN
Bromoform	<5.2	5.2	ug/m3	1		06/06/24 1058	06/06/24 1757	JLN
1,3-Butadiene	6.9	1.1	ug/m3	1		06/06/24 1058	06/06/24 1757	JLN
2-Butanone	39	5.9	ug/m3	1		06/06/24 1058	06/06/24 1757	JLN
tert-Butyl alcohol	25	3.0	ug/m3	1		06/06/24 1058	06/06/24 1757	JLN
Carbon disulfide	29	3.1	ug/m3	1		06/06/24 1058	06/06/24 1757	JLN
Carbon tetrachloride	<3.1	3.1	ug/m3	1		06/06/24 1058	06/06/24 1757	JLN
Chlorobenzene	<2.3	2.3	ug/m3	1		06/06/24 1058	06/06/24 1757	JLN
Chlorodibromomethane	<4.2	4.2	ug/m3	1		06/06/24 1058	06/06/24 1757	JLN
Chloroethane	<1.3	1.3	ug/m3	1		06/06/24 1058	06/06/24 1757	JLN
Chloroform	<2.4	2.4	ug/m3	1		06/06/24 1058	06/06/24 1757	JLN
Cyclohexane	2.3	1.7	ug/m3	1		06/06/24 1058	06/06/24 1757	JLN
1,2-Dibromoethane	<3.8	3.8	ug/m3	1		06/06/24 1058	06/06/24 1757	JLN
1,3-Dichlorobenzene	<3.0	3.0	ug/m3	1		06/06/24 1058	06/06/24 1757	JLN
1,4-Dichlorobenzene	<3.0	3.0	ug/m3	1		06/06/24 1058	06/06/24 1757	JLN
1,2-Dichlorobenzene	<3.0	3.0	ug/m3	1		06/06/24 1058	06/06/24 1757	JLN
Dichlorodifluoromethane	20	2.5	ug/m3	1		06/06/24 1058	06/06/24 1757	JLN
1,1-Dichloroethane	<2.0	2.0	ug/m3	1		06/06/24 1058	06/06/24 1757	JLN
1,2-Dichloroethane	<2.0	2.0	ug/m3	1		06/06/24 1058	06/06/24 1757	JLN
1,1-Dichloroethene	<2.0	2.0	ug/m3	1		06/06/24 1058	06/06/24 1757	JLN
cis-1,2-Dichloroethylene	<2.0	2.0	ug/m3	1		06/06/24 1058	06/06/24 1757	JLN
trans-1,2-Dichloroethylene	<2.0	2.0	ug/m3	1		06/06/24 1058	06/06/24 1757	JLN
1,2-Dichloropropane	<2.3	2.3	ug/m3	1		06/06/24 1058	06/06/24 1757	JLN
cis-1,3-Dichloropropylene	<2.3	2.3	ug/m3	1		06/06/24 1058	06/06/24 1757	JLN
trans-1,3-Dichloropropylene	<2.3	2.3	ug/m3	1		06/06/24 1058	06/06/24 1757	JLN
1,2-Dichloro-1,1,2,2-tetrafluoroethane	<3.5	3.5	ug/m3	1		06/06/24 1058	06/06/24 1757	JLN
1,4-Dioxane	<7.2	7.2	ug/m3	1		06/06/24 1058	06/06/24 1757	JLN
Ethyl acetate	<1.8	1.8	ug/m3	1		06/06/24 1058	06/06/24 1757	JLN
Ethylbenzene	12	2.2	ug/m3	1		06/06/24 1058	06/06/24 1757	JLN
4-Ethyltoluene	5.8	2.5	ug/m3	1		06/06/24 1058	06/06/24 1757	JLN
n-Heptane	7.2	2.0	ug/m3	1		06/06/24 1058	06/06/24 1757	JLN
Hexachlorobutadiene	<21	21	ug/m3	1		06/06/24 1058	06/06/24 1757	JLN
Hexane	<18	18	ug/m3	1		06/06/24 1058	06/06/24 1757	JLN
2-Hexanone	11	8.2	ug/m3	1		06/06/24 1058	06/06/24 1757	JLN
Isopropyl alcohol	17	4.9	ug/m3	1		06/06/24 1058	06/06/24 1757	JLN
Isopropylbenzene	<2.5	2.5	ug/m3	1		06/06/24 1058	06/06/24 1757	JLN
Methyl bromide	<1.9	1.9	ug/m3	1		06/06/24 1058	06/06/24 1757	JLN
Methyl tert-butyl ether	<1.8	1.8	ug/m3	1		06/06/24 1058	06/06/24 1757	JLN



Microbac Laboratories, Inc. - Chicagoland

CERTIFICATE OF ANALYSIS

C4F0291

<b>Client Sample ID:</b>	SG-5	<b>Collection Date:</b>	06/04/2024 13:56
<b>Sample Matrix:</b>	Air		
<b>Lab Sample ID:</b>	C4F0291-05		

Volatiles Organic Compounds by GCMS	Result	RL	Units	DF	Note	Prepared	Analyzed	Analyst
Methyl chloride	<4.1	4.1	ug/m3	1		06/06/24 1058	06/06/24 1757	JLN
Methylene chloride	<17	17	ug/m3	1		06/06/24 1058	06/06/24 1757	JLN
Methyl Methacrylate	<4.1	4.1	ug/m3	1		06/06/24 1058	06/06/24 1757	JLN
4-Methyl-2-pentanone	<b>23</b>	20	ug/m3	1		06/06/24 1058	06/06/24 1757	JLN
Naphthalene	<5.2	5.2	ug/m3	1		06/06/24 1058	06/06/24 1757	JLN
Propylene	<b>38</b>	8.4	ug/m3	5		06/07/24 1030	06/07/24 1705	JLN
Styrene	<2.1	2.1	ug/m3	1		06/06/24 1058	06/06/24 1757	JLN
1,1,2,2-Tetrachloroethane	<3.4	3.4	ug/m3	1		06/06/24 1058	06/06/24 1757	JLN
Tetrachloroethylene	<b>76</b>	3.4	ug/m3	1		06/06/24 1058	06/06/24 1757	JLN
Tetrahydrofuran	<1.5	1.5	ug/m3	1		06/06/24 1058	06/06/24 1757	JLN
Toluene	<b>24</b>	1.9	ug/m3	1		06/06/24 1058	06/06/24 1757	JLN
1,2,4-Trichlorobenzene	<15	15	ug/m3	1		06/06/24 1058	06/06/24 1757	JLN
1,1,1-Trichloroethane	<2.7	2.7	ug/m3	1		06/06/24 1058	06/06/24 1757	JLN
1,1,2-Trichloroethane	<2.7	2.7	ug/m3	1		06/06/24 1058	06/06/24 1757	JLN
Trichloroethene	<1.3	1.3	ug/m3	1		06/06/24 1058	06/06/24 1757	JLN
Trichlorofluoromethane	<2.8	2.8	ug/m3	1		06/06/24 1058	06/06/24 1757	JLN
1,1,2-Trichloro-1,2,2-trifluoroethane	<3.8	3.8	ug/m3	1		06/06/24 1058	06/06/24 1757	JLN
1,3,5-Trimethylbenzene	<b>5.3</b>	2.5	ug/m3	1		06/06/24 1058	06/06/24 1757	JLN
1,2,4-Trimethylbenzene	<b>21</b>	2.5	ug/m3	1		06/06/24 1058	06/06/24 1757	JLN
Vinyl acetate	<b>9.9</b>	7.0	ug/m3	1		06/06/24 1058	06/06/24 1757	JLN
Vinyl chloride	<1.3	1.3	ug/m3	1		06/06/24 1058	06/06/24 1757	JLN
o-Xylene	<b>16</b>	2.2	ug/m3	1		06/06/24 1058	06/06/24 1757	JLN
m&p-xylene	<b>43</b>	4.3	ug/m3	1		06/06/24 1058	06/06/24 1757	JLN
Surrogate: 4-Bromofluorobenzene	112	Limit: 77.7-127	% Rec	5		06/07/24 1030	06/07/24 1705	JLN
Surrogate: 4-Bromofluorobenzene	115	Limit: 77.7-127	% Rec	1		06/06/24 1058	06/06/24 1757	JLN



Microbac Laboratories, Inc. - Chicagoland

CERTIFICATE OF ANALYSIS

C4F0291

<b>Client Sample ID:</b> SG-6	
<b>Sample Matrix:</b> Air	
<b>Lab Sample ID:</b> C4F0291-06	<b>Collection Date:</b> 06/04/2024 14:34

Volatiles Organic Compounds by GCMS	Result	RL	Units	DF	Note	Prepared	Analyzed	Analyst
<b>EPA TO-15/EPA TO-15</b>								
Acetone	160	47	ug/m3	10		06/10/24 1040	06/10/24 1858	JLN
Acrolein	3.6	1.1	ug/m3	1		06/06/24 1058	06/06/24 1837	JLN
Benzene	5.8	1.6	ug/m3	1		06/06/24 1058	06/06/24 1837	JLN
Benzyl chloride	<2.6	2.6	ug/m3	1		06/06/24 1058	06/06/24 1837	JLN
Bromodichloromethane	<3.3	3.3	ug/m3	1		06/06/24 1058	06/06/24 1837	JLN
Bromoform	<5.2	5.2	ug/m3	1		06/06/24 1058	06/06/24 1837	JLN
1,3-Butadiene	12	1.1	ug/m3	1		06/06/24 1058	06/06/24 1837	JLN
2-Butanone	28	5.9	ug/m3	1		06/06/24 1058	06/06/24 1837	JLN
tert-Butyl alcohol	23	3.0	ug/m3	1		06/06/24 1058	06/06/24 1837	JLN
Carbon disulfide	150	31	ug/m3	10		06/10/24 1040	06/10/24 1858	JLN
Carbon tetrachloride	<3.1	3.1	ug/m3	1		06/06/24 1058	06/06/24 1837	JLN
Chlorobenzene	<2.3	2.3	ug/m3	1		06/06/24 1058	06/06/24 1837	JLN
Chlorodibromomethane	<4.2	4.2	ug/m3	1		06/06/24 1058	06/06/24 1837	JLN
Chloroethane	<1.3	1.3	ug/m3	1		06/06/24 1058	06/06/24 1837	JLN
Chloroform	<2.4	2.4	ug/m3	1		06/06/24 1058	06/06/24 1837	JLN
Cyclohexane	2.5	1.7	ug/m3	1		06/06/24 1058	06/06/24 1837	JLN
1,2-Dibromoethane	<3.8	3.8	ug/m3	1		06/06/24 1058	06/06/24 1837	JLN
1,3-Dichlorobenzene	<3.0	3.0	ug/m3	1		06/06/24 1058	06/06/24 1837	JLN
1,4-Dichlorobenzene	<3.0	3.0	ug/m3	1		06/06/24 1058	06/06/24 1837	JLN
1,2-Dichlorobenzene	<3.0	3.0	ug/m3	1		06/06/24 1058	06/06/24 1837	JLN
Dichlorodifluoromethane	3.4	2.5	ug/m3	1		06/06/24 1058	06/06/24 1837	JLN
1,1-Dichloroethane	<2.0	2.0	ug/m3	1		06/06/24 1058	06/06/24 1837	JLN
1,2-Dichloroethane	<2.0	2.0	ug/m3	1		06/06/24 1058	06/06/24 1837	JLN
1,1-Dichloroethene	<2.0	2.0	ug/m3	1		06/06/24 1058	06/06/24 1837	JLN
cis-1,2-Dichloroethylene	<2.0	2.0	ug/m3	1		06/06/24 1058	06/06/24 1837	JLN
trans-1,2-Dichloroethylene	<2.0	2.0	ug/m3	1		06/06/24 1058	06/06/24 1837	JLN
1,2-Dichloropropane	<2.3	2.3	ug/m3	1		06/06/24 1058	06/06/24 1837	JLN
cis-1,3-Dichloropropylene	<2.3	2.3	ug/m3	1		06/06/24 1058	06/06/24 1837	JLN
trans-1,3-Dichloropropylene	<2.3	2.3	ug/m3	1		06/06/24 1058	06/06/24 1837	JLN
1,2-Dichloro-1,1,2,2-tetrafluoroethane	<3.5	3.5	ug/m3	1		06/06/24 1058	06/06/24 1837	JLN
1,4-Dioxane	<7.2	7.2	ug/m3	1		06/06/24 1058	06/06/24 1837	JLN
Ethyl acetate	<1.8	1.8	ug/m3	1		06/06/24 1058	06/06/24 1837	JLN
Ethylbenzene	8.1	2.2	ug/m3	1		06/06/24 1058	06/06/24 1837	JLN
4-Ethyltoluene	6.1	2.5	ug/m3	1		06/06/24 1058	06/06/24 1837	JLN
n-Heptane	39	2.0	ug/m3	1		06/06/24 1058	06/06/24 1837	JLN
Hexachlorobutadiene	<21	21	ug/m3	1		06/06/24 1058	06/06/24 1837	JLN
Hexane	79	18	ug/m3	10		06/10/24 1040	06/10/24 1858	JLN
2-Hexanone	11	8.2	ug/m3	1		06/06/24 1058	06/06/24 1837	JLN
Isopropyl alcohol	7.1	4.9	ug/m3	1		06/06/24 1058	06/06/24 1837	JLN
Isopropylbenzene	<2.5	2.5	ug/m3	1		06/06/24 1058	06/06/24 1837	JLN
Methyl bromide	<1.9	1.9	ug/m3	1		06/06/24 1058	06/06/24 1837	JLN
Methyl tert-butyl ether	<1.8	1.8	ug/m3	1		06/06/24 1058	06/06/24 1837	JLN



Microbac Laboratories, Inc. - Chicagoland

CERTIFICATE OF ANALYSIS

C4F0291

<b>Client Sample ID:</b>	SG-6	<b>Collection Date:</b>	06/04/2024 14:34
<b>Sample Matrix:</b>	Air		
<b>Lab Sample ID:</b>	C4F0291-06		

Volatiles Organic Compounds by GCMS	Result	RL	Units	DF	Note	Prepared	Analyzed	Analyst
Methyl chloride	<4.1	4.1	ug/m3	1		06/06/24 1058	06/06/24 1837	JLN
Methylene chloride	<17	17	ug/m3	1		06/06/24 1058	06/06/24 1837	JLN
Methyl Methacrylate	<4.1	4.1	ug/m3	1		06/06/24 1058	06/06/24 1837	JLN
4-Methyl-2-pentanone	<20	20	ug/m3	1		06/06/24 1058	06/06/24 1837	JLN
Naphthalene	<5.2	5.2	ug/m3	1		06/06/24 1058	06/06/24 1837	JLN
Propylene	<b>78</b>	17	ug/m3	10		06/10/24 1040	06/10/24 1858	JLN
Styrene	<2.1	2.1	ug/m3	1		06/06/24 1058	06/06/24 1837	JLN
1,1,2,2-Tetrachloroethane	<3.4	3.4	ug/m3	1		06/06/24 1058	06/06/24 1837	JLN
Tetrachloroethylene	<b>58</b>	3.4	ug/m3	1		06/06/24 1058	06/06/24 1837	JLN
Tetrahydrofuran	<1.5	1.5	ug/m3	1		06/06/24 1058	06/06/24 1837	JLN
Toluene	<b>24</b>	1.9	ug/m3	1		06/06/24 1058	06/06/24 1837	JLN
1,2,4-Trichlorobenzene	<15	15	ug/m3	1		06/06/24 1058	06/06/24 1837	JLN
1,1,1-Trichloroethane	<2.7	2.7	ug/m3	1		06/06/24 1058	06/06/24 1837	JLN
1,1,2-Trichloroethane	<2.7	2.7	ug/m3	1		06/06/24 1058	06/06/24 1837	JLN
Trichloroethene	<1.3	1.3	ug/m3	1		06/06/24 1058	06/06/24 1837	JLN
Trichlorofluoromethane	<b>8.1</b>	2.8	ug/m3	1		06/06/24 1058	06/06/24 1837	JLN
1,1,2-Trichloro-1,2,2-trifluoroethane	<3.8	3.8	ug/m3	1		06/06/24 1058	06/06/24 1837	JLN
1,3,5-Trimethylbenzene	<b>5.8</b>	2.5	ug/m3	1		06/06/24 1058	06/06/24 1837	JLN
1,2,4-Trimethylbenzene	<b>22</b>	2.5	ug/m3	1		06/06/24 1058	06/06/24 1837	JLN
Vinyl acetate	<7.0	7.0	ug/m3	1		06/06/24 1058	06/06/24 1837	JLN
Vinyl chloride	<1.3	1.3	ug/m3	1		06/06/24 1058	06/06/24 1837	JLN
o-Xylene	<b>12</b>	2.2	ug/m3	1		06/06/24 1058	06/06/24 1837	JLN
m&p-xylene	<b>29</b>	4.3	ug/m3	1		06/06/24 1058	06/06/24 1837	JLN
Surrogate: 4-Bromofluorobenzene	109	Limit: 77.7-127	% Rec	10		06/10/24 1040	06/10/24 1858	JLN
Surrogate: 4-Bromofluorobenzene	116	Limit: 77.7-127	% Rec	1		06/06/24 1058	06/06/24 1837	JLN



Microbac Laboratories, Inc. - Chicagoland

CERTIFICATE OF ANALYSIS

C4F0291

<b>Client Sample ID:</b> SG-7	
<b>Sample Matrix:</b> Air	
<b>Lab Sample ID:</b> C4F0291-07	<b>Collection Date:</b> 06/04/2024 15:27

Volatiles Organic Compounds by GCMS	Result	RL	Units	DF	Note	Prepared	Analyzed	Analyst
<b>EPA TO-15/EPA TO-15</b>								
Acetone	350	47	ug/m3	10		06/10/24 1040	06/10/24 1935	JLN
Acrolein	<1.1	1.1	ug/m3	1		06/06/24 1058	06/06/24 1917	JLN
Benzene	23	1.6	ug/m3	1		06/06/24 1058	06/06/24 1917	JLN
Benzyl chloride	<2.6	2.6	ug/m3	1		06/06/24 1058	06/06/24 1917	JLN
Bromodichloromethane	<3.3	3.3	ug/m3	1		06/06/24 1058	06/06/24 1917	JLN
Bromoform	<5.2	5.2	ug/m3	1		06/06/24 1058	06/06/24 1917	JLN
1,3-Butadiene	<1.1	1.1	ug/m3	1		06/06/24 1058	06/06/24 1917	JLN
2-Butanone	32	5.9	ug/m3	1		06/06/24 1058	06/06/24 1917	JLN
tert-Butyl alcohol	25	3.0	ug/m3	1		06/06/24 1058	06/06/24 1917	JLN
Carbon disulfide	170	31	ug/m3	10		06/10/24 1040	06/10/24 1935	JLN
Carbon tetrachloride	<3.1	3.1	ug/m3	1		06/06/24 1058	06/06/24 1917	JLN
Chlorobenzene	<2.3	2.3	ug/m3	1		06/06/24 1058	06/06/24 1917	JLN
Chlorodibromomethane	<4.3	4.3	ug/m3	1		06/06/24 1058	06/06/24 1917	JLN
Chloroethane	<1.3	1.3	ug/m3	1		06/06/24 1058	06/06/24 1917	JLN
Chloroform	<2.4	2.4	ug/m3	1		06/06/24 1058	06/06/24 1917	JLN
Cyclohexane	23	1.7	ug/m3	1		06/06/24 1058	06/06/24 1917	JLN
1,2-Dibromoethane	<3.8	3.8	ug/m3	1		06/06/24 1058	06/06/24 1917	JLN
1,3-Dichlorobenzene	<3.0	3.0	ug/m3	1		06/06/24 1058	06/06/24 1917	JLN
1,4-Dichlorobenzene	<3.0	3.0	ug/m3	1		06/06/24 1058	06/06/24 1917	JLN
1,2-Dichlorobenzene	<3.0	3.0	ug/m3	1		06/06/24 1058	06/06/24 1917	JLN
Dichlorodifluoromethane	220	25	ug/m3	10		06/10/24 1040	06/10/24 1935	JLN
1,1-Dichloroethane	<2.0	2.0	ug/m3	1		06/06/24 1058	06/06/24 1917	JLN
1,2-Dichloroethane	<2.0	2.0	ug/m3	1		06/06/24 1058	06/06/24 1917	JLN
1,1-Dichloroethene	<2.0	2.0	ug/m3	1		06/06/24 1058	06/06/24 1917	JLN
cis-1,2-Dichloroethylene	<2.0	2.0	ug/m3	1		06/06/24 1058	06/06/24 1917	JLN
trans-1,2-Dichloroethylene	<2.0	2.0	ug/m3	1		06/06/24 1058	06/06/24 1917	JLN
1,2-Dichloropropane	<2.3	2.3	ug/m3	1		06/06/24 1058	06/06/24 1917	JLN
cis-1,3-Dichloropropylene	<2.3	2.3	ug/m3	1		06/06/24 1058	06/06/24 1917	JLN
trans-1,3-Dichloropropylene	<2.3	2.3	ug/m3	1		06/06/24 1058	06/06/24 1917	JLN
1,2-Dichloro-1,1,2,2-tetrafluoroethane	<3.5	3.5	ug/m3	1		06/06/24 1058	06/06/24 1917	JLN
1,4-Dioxane	<7.2	7.2	ug/m3	1		06/06/24 1058	06/06/24 1917	JLN
Ethyl acetate	<1.8	1.8	ug/m3	1		06/06/24 1058	06/06/24 1917	JLN
Ethylbenzene	14	2.2	ug/m3	1		06/06/24 1058	06/06/24 1917	JLN
4-Ethyltoluene	6.9	2.5	ug/m3	1		06/06/24 1058	06/06/24 1917	JLN
n-Heptane	140	20	ug/m3	10		06/10/24 1040	06/10/24 1935	JLN
Hexachlorobutadiene	<21	21	ug/m3	1		06/06/24 1058	06/06/24 1917	JLN
Hexane	310	18	ug/m3	10		06/10/24 1040	06/10/24 1935	JLN
2-Hexanone	28	8.2	ug/m3	1		06/06/24 1058	06/06/24 1917	JLN
Isopropyl alcohol	14	4.9	ug/m3	1		06/06/24 1058	06/06/24 1917	JLN
Isopropylbenzene	<2.5	2.5	ug/m3	1		06/06/24 1058	06/06/24 1917	JLN
Methyl bromide	<1.9	1.9	ug/m3	1		06/06/24 1058	06/06/24 1917	JLN
Methyl tert-butyl ether	<1.8	1.8	ug/m3	1		06/06/24 1058	06/06/24 1917	JLN



Microbac Laboratories, Inc. - Chicagoland

CERTIFICATE OF ANALYSIS

C4F0291

<b>Client Sample ID:</b> SG-7	
<b>Sample Matrix:</b> Air	
<b>Lab Sample ID:</b> C4F0291-07	<b>Collection Date:</b> 06/04/2024 15:27

Volatiles Organic Compounds by GCMS	Result	RL	Units	DF	Note	Prepared	Analyzed	Analyst
Methyl chloride	<4.1	4.1	ug/m3	1		06/06/24 1058	06/06/24 1917	JLN
Methylene chloride	<17	17	ug/m3	1		06/06/24 1058	06/06/24 1917	JLN
Methyl Methacrylate	<4.1	4.1	ug/m3	1		06/06/24 1058	06/06/24 1917	JLN
4-Methyl-2-pentanone	<b>33</b>	20	ug/m3	1		06/06/24 1058	06/06/24 1917	JLN
Naphthalene	<5.2	5.2	ug/m3	1		06/06/24 1058	06/06/24 1917	JLN
Propylene	<b>220</b>	17	ug/m3	10		06/10/24 1040	06/10/24 1935	JLN
Styrene	<2.1	2.1	ug/m3	1		06/06/24 1058	06/06/24 1917	JLN
1,1,2,2-Tetrachloroethane	<3.4	3.4	ug/m3	1		06/06/24 1058	06/06/24 1917	JLN
Tetrachloroethylene	<b>160</b>	34	ug/m3	10		06/10/24 1040	06/10/24 1935	JLN
Tetrahydrofuran	<1.5	1.5	ug/m3	1		06/06/24 1058	06/06/24 1917	JLN
Toluene	<b>52</b>	1.9	ug/m3	1		06/06/24 1058	06/06/24 1917	JLN
1,2,4-Trichlorobenzene	<15	15	ug/m3	1		06/06/24 1058	06/06/24 1917	JLN
1,1,1-Trichloroethane	<2.7	2.7	ug/m3	1		06/06/24 1058	06/06/24 1917	JLN
1,1,2-Trichloroethane	<2.7	2.7	ug/m3	1		06/06/24 1058	06/06/24 1917	JLN
Trichloroethene	<1.3	1.3	ug/m3	1		06/06/24 1058	06/06/24 1917	JLN
Trichlorofluoromethane	<b>81</b>	2.8	ug/m3	1		06/06/24 1058	06/06/24 1917	JLN
1,1,2-Trichloro-1,2,2-trifluoroethane	<3.8	3.8	ug/m3	1		06/06/24 1058	06/06/24 1917	JLN
1,3,5-Trimethylbenzene	<b>6.7</b>	2.5	ug/m3	1		06/06/24 1058	06/06/24 1917	JLN
1,2,4-Trimethylbenzene	<b>26</b>	2.5	ug/m3	1		06/06/24 1058	06/06/24 1917	JLN
Vinyl acetate	<7.0	7.0	ug/m3	1		06/06/24 1058	06/06/24 1917	JLN
Vinyl chloride	<1.3	1.3	ug/m3	1		06/06/24 1058	06/06/24 1917	JLN
o-Xylene	<b>14</b>	2.2	ug/m3	1		06/06/24 1058	06/06/24 1917	JLN
m&p-xylene	<b>36</b>	4.3	ug/m3	1		06/06/24 1058	06/06/24 1917	JLN
Surrogate: 4-Bromofluorobenzene	110	Limit: 77.7-127	% Rec	10		06/10/24 1040	06/10/24 1935	JLN
Surrogate: 4-Bromofluorobenzene	118	Limit: 77.7-127	% Rec	1		06/06/24 1058	06/06/24 1917	JLN



Microbac Laboratories, Inc. - Chicagoland

CERTIFICATE OF ANALYSIS

C4F0291

<b>Client Sample ID:</b> SG-8	
<b>Sample Matrix:</b> Air	
<b>Lab Sample ID:</b> C4F0291-08	<b>Collection Date:</b> 06/04/2024 16:01

Volatil Organic Compounds by GCMS	Result	RL	Units	DF	Note	Prepared	Analyzed	Analyst
<b>EPA TO-15/EPA TO-15</b>								
Acetone	170	23	ug/m3	5		06/10/24 1040	06/10/24 2011	JLN
Acrolein	1.7	1.1	ug/m3	1		06/06/24 1058	06/06/24 1957	JLN
Benzene	9.0	1.6	ug/m3	1		06/06/24 1058	06/06/24 1957	JLN
Benzyl chloride	<2.6	2.6	ug/m3	1		06/06/24 1058	06/06/24 1957	JLN
Bromodichloromethane	<3.3	3.3	ug/m3	1		06/06/24 1058	06/06/24 1957	JLN
Bromoform	<5.2	5.2	ug/m3	1		06/06/24 1058	06/06/24 1957	JLN
1,3-Butadiene	13	1.1	ug/m3	1		06/06/24 1058	06/06/24 1957	JLN
2-Butanone	54	5.9	ug/m3	1		06/06/24 1058	06/06/24 1957	JLN
tert-Butyl alcohol	26	3.0	ug/m3	1		06/06/24 1058	06/06/24 1957	JLN
Carbon disulfide	87	15	ug/m3	5		06/10/24 1040	06/10/24 2011	JLN
Carbon tetrachloride	<3.1	3.1	ug/m3	1		06/06/24 1058	06/06/24 1957	JLN
Chlorobenzene	<2.3	2.3	ug/m3	1		06/06/24 1058	06/06/24 1957	JLN
Chlorodibromomethane	<4.2	4.2	ug/m3	1		06/06/24 1058	06/06/24 1957	JLN
Chloroethane	<1.3	1.3	ug/m3	1		06/06/24 1058	06/06/24 1957	JLN
Chloroform	<2.4	2.4	ug/m3	1		06/06/24 1058	06/06/24 1957	JLN
Cyclohexane	5.1	1.7	ug/m3	1		06/06/24 1058	06/06/24 1957	JLN
1,2-Dibromoethane	<3.8	3.8	ug/m3	1		06/06/24 1058	06/06/24 1957	JLN
1,3-Dichlorobenzene	<3.0	3.0	ug/m3	1		06/06/24 1058	06/06/24 1957	JLN
1,4-Dichlorobenzene	<3.0	3.0	ug/m3	1		06/06/24 1058	06/06/24 1957	JLN
1,2-Dichlorobenzene	<3.0	3.0	ug/m3	1		06/06/24 1058	06/06/24 1957	JLN
Dichlorodifluoromethane	5.1	2.5	ug/m3	1		06/06/24 1058	06/06/24 1957	JLN
1,1-Dichloroethane	<2.0	2.0	ug/m3	1		06/06/24 1058	06/06/24 1957	JLN
1,2-Dichloroethane	<2.0	2.0	ug/m3	1		06/06/24 1058	06/06/24 1957	JLN
1,1-Dichloroethene	<2.0	2.0	ug/m3	1		06/06/24 1058	06/06/24 1957	JLN
cis-1,2-Dichloroethylene	<2.0	2.0	ug/m3	1		06/06/24 1058	06/06/24 1957	JLN
trans-1,2-Dichloroethylene	<2.0	2.0	ug/m3	1		06/06/24 1058	06/06/24 1957	JLN
1,2-Dichloropropane	<2.3	2.3	ug/m3	1		06/06/24 1058	06/06/24 1957	JLN
cis-1,3-Dichloropropylene	<2.3	2.3	ug/m3	1		06/06/24 1058	06/06/24 1957	JLN
trans-1,3-Dichloropropylene	<2.3	2.3	ug/m3	1		06/06/24 1058	06/06/24 1957	JLN
1,2-Dichloro-1,1,2,2-tetrafluoroethane	<3.5	3.5	ug/m3	1		06/06/24 1058	06/06/24 1957	JLN
1,4-Dioxane	<7.2	7.2	ug/m3	1		06/06/24 1058	06/06/24 1957	JLN
Ethyl acetate	<1.8	1.8	ug/m3	1		06/06/24 1058	06/06/24 1957	JLN
Ethylbenzene	7.9	2.2	ug/m3	1		06/06/24 1058	06/06/24 1957	JLN
4-Ethyltoluene	6.2	2.5	ug/m3	1		06/06/24 1058	06/06/24 1957	JLN
n-Heptane	14	2.0	ug/m3	1		06/06/24 1058	06/06/24 1957	JLN
Hexachlorobutadiene	<21	21	ug/m3	1		06/06/24 1058	06/06/24 1957	JLN
Hexane	27	18	ug/m3	1		06/06/24 1058	06/06/24 1957	JLN
2-Hexanone	12	8.2	ug/m3	1		06/06/24 1058	06/06/24 1957	JLN
Isopropyl alcohol	11	4.9	ug/m3	1		06/06/24 1058	06/06/24 1957	JLN
Isopropylbenzene	<2.5	2.5	ug/m3	1		06/06/24 1058	06/06/24 1957	JLN
Methyl bromide	<1.9	1.9	ug/m3	1		06/06/24 1058	06/06/24 1957	JLN
Methyl tert-butyl ether	<1.8	1.8	ug/m3	1		06/06/24 1058	06/06/24 1957	JLN



Microbac Laboratories, Inc. - Chicagoland

CERTIFICATE OF ANALYSIS

C4F0291

<b>Client Sample ID:</b>	SG-8	<b>Collection Date:</b>	06/04/2024 16:01
<b>Sample Matrix:</b>	Air		
<b>Lab Sample ID:</b>	C4F0291-08		

Volatiles Organic Compounds by GCMS	Result	RL	Units	DF	Note	Prepared	Analyzed	Analyst
Methyl chloride	<4.1	4.1	ug/m3	1		06/06/24 1058	06/06/24 1957	JLN
Methylene chloride	<17	17	ug/m3	1		06/06/24 1058	06/06/24 1957	JLN
Methyl Methacrylate	<4.1	4.1	ug/m3	1		06/06/24 1058	06/06/24 1957	JLN
4-Methyl-2-pentanone	<b>37</b>	20	ug/m3	1		06/06/24 1058	06/06/24 1957	JLN
Naphthalene	<5.2	5.2	ug/m3	1		06/06/24 1058	06/06/24 1957	JLN
Propylene	<b>81</b>	8.4	ug/m3	5		06/10/24 1040	06/10/24 2011	JLN
Styrene	<2.1	2.1	ug/m3	1		06/06/24 1058	06/06/24 1957	JLN
1,1,2,2-Tetrachloroethane	<3.4	3.4	ug/m3	1		06/06/24 1058	06/06/24 1957	JLN
Tetrachloroethylene	<b>57</b>	3.4	ug/m3	1		06/06/24 1058	06/06/24 1957	JLN
Tetrahydrofuran	<1.5	1.5	ug/m3	1		06/06/24 1058	06/06/24 1957	JLN
Toluene	<b>26</b>	1.9	ug/m3	1		06/06/24 1058	06/06/24 1957	JLN
1,2,4-Trichlorobenzene	<15	15	ug/m3	1		06/06/24 1058	06/06/24 1957	JLN
1,1,1-Trichloroethane	<2.7	2.7	ug/m3	1		06/06/24 1058	06/06/24 1957	JLN
1,1,2-Trichloroethane	<2.7	2.7	ug/m3	1		06/06/24 1058	06/06/24 1957	JLN
Trichloroethene	<1.3	1.3	ug/m3	1		06/06/24 1058	06/06/24 1957	JLN
Trichlorofluoromethane	<2.8	2.8	ug/m3	1		06/06/24 1058	06/06/24 1957	JLN
1,1,2-Trichloro-1,2,2-trifluoroethane	<3.8	3.8	ug/m3	1		06/06/24 1058	06/06/24 1957	JLN
1,3,5-Trimethylbenzene	<b>5.8</b>	2.5	ug/m3	1		06/06/24 1058	06/06/24 1957	JLN
1,2,4-Trimethylbenzene	<b>23</b>	2.5	ug/m3	1		06/06/24 1058	06/06/24 1957	JLN
Vinyl acetate	<7.0	7.0	ug/m3	1		06/06/24 1058	06/06/24 1957	JLN
Vinyl chloride	<1.3	1.3	ug/m3	1		06/06/24 1058	06/06/24 1957	JLN
o-Xylene	<b>12</b>	2.2	ug/m3	1		06/06/24 1058	06/06/24 1957	JLN
m&p-xylene	<b>29</b>	4.3	ug/m3	1		06/06/24 1058	06/06/24 1957	JLN
Surrogate: 4-Bromofluorobenzene	110	Limit: 77.7-127	% Rec	5		06/10/24 1040	06/10/24 2011	JLN
Surrogate: 4-Bromofluorobenzene	114	Limit: 77.7-127	% Rec	1		06/06/24 1058	06/06/24 1957	JLN





Microbac Laboratories, Inc. - Chicagoland

CERTIFICATE OF ANALYSIS

C4F0291

<b>Client Sample ID:</b> SG-9	
<b>Sample Matrix:</b> Air	
<b>Lab Sample ID:</b> C4F0291-09	<b>Collection Date:</b> 06/04/2024 16:54

Volatiles Organic Compounds by GCMS	Result	RL	Units	DF	Note	Prepared	Analyzed	Analyst
<b>EPA TO-15/EPA TO-15</b>								
Acetone	80	23	ug/m3	5		06/10/24 1040	06/10/24 2048	JLN
Acrolein	<1.1	1.1	ug/m3	1		06/06/24 1058	06/06/24 2036	JLN
Benzene	4.5	1.6	ug/m3	1		06/06/24 1058	06/06/24 2036	JLN
Benzyl chloride	<2.6	2.6	ug/m3	1		06/06/24 1058	06/06/24 2036	JLN
Bromodichloromethane	<3.3	3.3	ug/m3	1		06/06/24 1058	06/06/24 2036	JLN
Bromoform	<5.2	5.2	ug/m3	1		06/06/24 1058	06/06/24 2036	JLN
1,3-Butadiene	2.9	1.1	ug/m3	1		06/06/24 1058	06/06/24 2036	JLN
2-Butanone	25	5.9	ug/m3	1		06/06/24 1058	06/06/24 2036	JLN
tert-Butyl alcohol	31	3.0	ug/m3	1		06/06/24 1058	06/06/24 2036	JLN
Carbon disulfide	37	3.1	ug/m3	1		06/06/24 1058	06/06/24 2036	JLN
Carbon tetrachloride	<3.1	3.1	ug/m3	1		06/06/24 1058	06/06/24 2036	JLN
Chlorobenzene	<2.3	2.3	ug/m3	1		06/06/24 1058	06/06/24 2036	JLN
Chlorodibromomethane	<4.3	4.3	ug/m3	1		06/06/24 1058	06/06/24 2036	JLN
Chloroethane	<1.3	1.3	ug/m3	1		06/06/24 1058	06/06/24 2036	JLN
Chloroform	<2.4	2.4	ug/m3	1		06/06/24 1058	06/06/24 2036	JLN
Cyclohexane	6.6	1.7	ug/m3	1		06/06/24 1058	06/06/24 2036	JLN
1,2-Dibromoethane	<3.8	3.8	ug/m3	1		06/06/24 1058	06/06/24 2036	JLN
1,3-Dichlorobenzene	<3.0	3.0	ug/m3	1		06/06/24 1058	06/06/24 2036	JLN
1,4-Dichlorobenzene	<3.0	3.0	ug/m3	1		06/06/24 1058	06/06/24 2036	JLN
1,2-Dichlorobenzene	<3.0	3.0	ug/m3	1		06/06/24 1058	06/06/24 2036	JLN
Dichlorodifluoromethane	2.5	2.5	ug/m3	1		06/06/24 1058	06/06/24 2036	JLN
1,1-Dichloroethane	<2.0	2.0	ug/m3	1		06/06/24 1058	06/06/24 2036	JLN
1,2-Dichloroethane	<2.0	2.0	ug/m3	1		06/06/24 1058	06/06/24 2036	JLN
1,1-Dichloroethene	<2.0	2.0	ug/m3	1		06/06/24 1058	06/06/24 2036	JLN
cis-1,2-Dichloroethylene	<2.0	2.0	ug/m3	1		06/06/24 1058	06/06/24 2036	JLN
trans-1,2-Dichloroethylene	<2.0	2.0	ug/m3	1		06/06/24 1058	06/06/24 2036	JLN
1,2-Dichloropropane	<2.3	2.3	ug/m3	1		06/06/24 1058	06/06/24 2036	JLN
cis-1,3-Dichloropropylene	<2.3	2.3	ug/m3	1		06/06/24 1058	06/06/24 2036	JLN
trans-1,3-Dichloropropylene	<2.3	2.3	ug/m3	1		06/06/24 1058	06/06/24 2036	JLN
1,2-Dichloro-1,1,2,2-tetrafluoroethane	<3.5	3.5	ug/m3	1		06/06/24 1058	06/06/24 2036	JLN
1,4-Dioxane	<7.2	7.2	ug/m3	1		06/06/24 1058	06/06/24 2036	JLN
Ethyl acetate	<1.8	1.8	ug/m3	1		06/06/24 1058	06/06/24 2036	JLN
Ethylbenzene	5.2	2.2	ug/m3	1		06/06/24 1058	06/06/24 2036	JLN
4-Ethyltoluene	4.1	2.5	ug/m3	1		06/06/24 1058	06/06/24 2036	JLN
n-Heptane	14	2.0	ug/m3	1		06/06/24 1058	06/06/24 2036	JLN
Hexachlorobutadiene	<21	21	ug/m3	1		06/06/24 1058	06/06/24 2036	JLN
Hexane	27	18	ug/m3	1		06/06/24 1058	06/06/24 2036	JLN
2-Hexanone	13	8.2	ug/m3	1		06/06/24 1058	06/06/24 2036	JLN
Isopropyl alcohol	18	4.9	ug/m3	1		06/06/24 1058	06/06/24 2036	JLN
Isopropylbenzene	<2.5	2.5	ug/m3	1		06/06/24 1058	06/06/24 2036	JLN
Methyl bromide	<1.9	1.9	ug/m3	1		06/06/24 1058	06/06/24 2036	JLN
Methyl tert-butyl ether	<1.8	1.8	ug/m3	1		06/06/24 1058	06/06/24 2036	JLN



Microbac Laboratories, Inc. - Chicagoland

CERTIFICATE OF ANALYSIS

C4F0291

<b>Client Sample ID:</b>	SG-9	<b>Collection Date:</b>	06/04/2024 16:54
<b>Sample Matrix:</b>	Air		
<b>Lab Sample ID:</b>	C4F0291-09		

Volatiles Organic Compounds by GCMS	Result	RL	Units	DF	Note	Prepared	Analyzed	Analyst
Methyl chloride	<4.1	4.1	ug/m3	1		06/06/24 1058	06/06/24 2036	JLN
Methylene chloride	<17	17	ug/m3	1		06/06/24 1058	06/06/24 2036	JLN
Methyl Methacrylate	<4.1	4.1	ug/m3	1		06/06/24 1058	06/06/24 2036	JLN
4-Methyl-2-pentanone	<b>29</b>	20	ug/m3	1		06/06/24 1058	06/06/24 2036	JLN
Naphthalene	<5.2	5.2	ug/m3	1		06/06/24 1058	06/06/24 2036	JLN
Propylene	<b>19</b>	1.7	ug/m3	1		06/06/24 1058	06/06/24 2036	JLN
Styrene	<2.1	2.1	ug/m3	1		06/06/24 1058	06/06/24 2036	JLN
1,1,2,2-Tetrachloroethane	<3.4	3.4	ug/m3	1		06/06/24 1058	06/06/24 2036	JLN
Tetrachloroethylene	<b>90</b>	3.4	ug/m3	1		06/06/24 1058	06/06/24 2036	JLN
Tetrahydrofuran	<1.5	1.5	ug/m3	1		06/06/24 1058	06/06/24 2036	JLN
Toluene	<b>17</b>	1.9	ug/m3	1		06/06/24 1058	06/06/24 2036	JLN
1,2,4-Trichlorobenzene	<15	15	ug/m3	1		06/06/24 1058	06/06/24 2036	JLN
1,1,1-Trichloroethane	<2.7	2.7	ug/m3	1		06/06/24 1058	06/06/24 2036	JLN
1,1,2-Trichloroethane	<2.7	2.7	ug/m3	1		06/06/24 1058	06/06/24 2036	JLN
Trichloroethene	<1.3	1.3	ug/m3	1		06/06/24 1058	06/06/24 2036	JLN
Trichlorofluoromethane	<2.8	2.8	ug/m3	1		06/06/24 1058	06/06/24 2036	JLN
1,1,2-Trichloro-1,2,2-trifluoroethane	<3.8	3.8	ug/m3	1		06/06/24 1058	06/06/24 2036	JLN
1,3,5-Trimethylbenzene	<b>4.1</b>	2.5	ug/m3	1		06/06/24 1058	06/06/24 2036	JLN
1,2,4-Trimethylbenzene	<b>16</b>	2.5	ug/m3	1		06/06/24 1058	06/06/24 2036	JLN
Vinyl acetate	<7.0	7.0	ug/m3	1		06/06/24 1058	06/06/24 2036	JLN
Vinyl chloride	<1.3	1.3	ug/m3	1		06/06/24 1058	06/06/24 2036	JLN
o-Xylene	<b>8.1</b>	2.2	ug/m3	1		06/06/24 1058	06/06/24 2036	JLN
m&p-xylene	<b>19</b>	4.3	ug/m3	1		06/06/24 1058	06/06/24 2036	JLN
Surrogate: 4-Bromofluorobenzene	115	Limit: 77.7-127	% Rec	1		06/06/24 1058	06/06/24 2036	JLN
Surrogate: 4-Bromofluorobenzene	109	Limit: 77.7-127	% Rec	5		06/10/24 1040	06/10/24 2048	JLN



Microbac Laboratories, Inc. - Chicagoland

CERTIFICATE OF ANALYSIS

C4F0291

<b>Client Sample ID:</b> SG-10	
<b>Sample Matrix:</b> Air	
<b>Lab Sample ID:</b> C4F0291-10	<b>Collection Date:</b> 06/05/2024 14:46

Volatil Organic Compounds by GCMS	Result	RL	Units	DF	Note	Prepared	Analyzed	Analyst
<b>EPA TO-15/EPA TO-15</b>								
Acetone	120	23	ug/m3	5		06/10/24 1040	06/10/24 2124	JLN
Acrolein	1.6	1.1	ug/m3	1		06/06/24 1058	06/06/24 2116	JLN
Benzene	6.8	1.6	ug/m3	1		06/06/24 1058	06/06/24 2116	JLN
Benzyl chloride	<2.6	2.6	ug/m3	1		06/06/24 1058	06/06/24 2116	JLN
Bromodichloromethane	<3.3	3.3	ug/m3	1		06/06/24 1058	06/06/24 2116	JLN
Bromoform	<5.2	5.2	ug/m3	1		06/06/24 1058	06/06/24 2116	JLN
1,3-Butadiene	14	1.1	ug/m3	1		06/06/24 1058	06/06/24 2116	JLN
2-Butanone	39	5.9	ug/m3	1		06/06/24 1058	06/06/24 2116	JLN
tert-Butyl alcohol	14	3.0	ug/m3	1		06/06/24 1058	06/06/24 2116	JLN
Carbon disulfide	5.1	3.1	ug/m3	1		06/06/24 1058	06/06/24 2116	JLN
Carbon tetrachloride	<3.1	3.1	ug/m3	1		06/06/24 1058	06/06/24 2116	JLN
Chlorobenzene	<2.3	2.3	ug/m3	1		06/06/24 1058	06/06/24 2116	JLN
Chlorodibromomethane	<4.2	4.2	ug/m3	1		06/06/24 1058	06/06/24 2116	JLN
Chloroethane	<1.3	1.3	ug/m3	1		06/06/24 1058	06/06/24 2116	JLN
Chloroform	<2.4	2.4	ug/m3	1		06/06/24 1058	06/06/24 2116	JLN
Cyclohexane	5.1	1.7	ug/m3	1		06/06/24 1058	06/06/24 2116	JLN
1,2-Dibromoethane	<3.8	3.8	ug/m3	1		06/06/24 1058	06/06/24 2116	JLN
1,3-Dichlorobenzene	<3.0	3.0	ug/m3	1		06/06/24 1058	06/06/24 2116	JLN
1,4-Dichlorobenzene	<3.0	3.0	ug/m3	1		06/06/24 1058	06/06/24 2116	JLN
1,2-Dichlorobenzene	<3.0	3.0	ug/m3	1		06/06/24 1058	06/06/24 2116	JLN
Dichlorodifluoromethane	<2.5	2.5	ug/m3	1		06/06/24 1058	06/06/24 2116	JLN
1,1-Dichloroethane	<2.0	2.0	ug/m3	1		06/06/24 1058	06/06/24 2116	JLN
1,2-Dichloroethane	<2.0	2.0	ug/m3	1		06/06/24 1058	06/06/24 2116	JLN
1,1-Dichloroethene	<2.0	2.0	ug/m3	1		06/06/24 1058	06/06/24 2116	JLN
cis-1,2-Dichloroethylene	<2.0	2.0	ug/m3	1		06/06/24 1058	06/06/24 2116	JLN
trans-1,2-Dichloroethylene	<2.0	2.0	ug/m3	1		06/06/24 1058	06/06/24 2116	JLN
1,2-Dichloropropane	<2.3	2.3	ug/m3	1		06/06/24 1058	06/06/24 2116	JLN
cis-1,3-Dichloropropylene	<2.3	2.3	ug/m3	1		06/06/24 1058	06/06/24 2116	JLN
trans-1,3-Dichloropropylene	<2.3	2.3	ug/m3	1		06/06/24 1058	06/06/24 2116	JLN
1,2-Dichloro-1,1,2,2-tetrafluoroethane	<3.5	3.5	ug/m3	1		06/06/24 1058	06/06/24 2116	JLN
1,4-Dioxane	<7.2	7.2	ug/m3	1		06/06/24 1058	06/06/24 2116	JLN
Ethyl acetate	31	1.8	ug/m3	1		06/06/24 1058	06/06/24 2116	JLN
Ethylbenzene	6.0	2.2	ug/m3	1		06/06/24 1058	06/06/24 2116	JLN
4-Ethyltoluene	4.3	2.5	ug/m3	1		06/06/24 1058	06/06/24 2116	JLN
n-Heptane	13	2.0	ug/m3	1		06/06/24 1058	06/06/24 2116	JLN
Hexachlorobutadiene	<21	21	ug/m3	1		06/06/24 1058	06/06/24 2116	JLN
Hexane	18	18	ug/m3	1		06/06/24 1058	06/06/24 2116	JLN
2-Hexanone	<8.2	8.2	ug/m3	1		06/06/24 1058	06/06/24 2116	JLN
Isopropyl alcohol	5.7	4.9	ug/m3	1		06/06/24 1058	06/06/24 2116	JLN
Isopropylbenzene	<2.5	2.5	ug/m3	1		06/06/24 1058	06/06/24 2116	JLN
Methyl bromide	<1.9	1.9	ug/m3	1		06/06/24 1058	06/06/24 2116	JLN
Methyl tert-butyl ether	<1.8	1.8	ug/m3	1		06/06/24 1058	06/06/24 2116	JLN



Microbac Laboratories, Inc. - Chicagoland

CERTIFICATE OF ANALYSIS

C4F0291

<b>Client Sample ID:</b>	SG-10	<b>Collection Date:</b>	06/05/2024 14:46
<b>Sample Matrix:</b>	Air		
<b>Lab Sample ID:</b>	C4F0291-10		

Volatiles Organic Compounds by GCMS	Result	RL	Units	DF	Note	Prepared	Analyzed	Analyst
Methyl chloride	<4.1	4.1	ug/m3	1		06/06/24 1058	06/06/24 2116	JLN
Methylene chloride	<17	17	ug/m3	1		06/06/24 1058	06/06/24 2116	JLN
Methyl Methacrylate	<4.1	4.1	ug/m3	1		06/06/24 1058	06/06/24 2116	JLN
4-Methyl-2-pentanone	<20	20	ug/m3	1		06/06/24 1058	06/06/24 2116	JLN
Naphthalene	<5.2	5.2	ug/m3	1		06/06/24 1058	06/06/24 2116	JLN
Propylene	<b>71</b>	8.5	ug/m3	5		06/10/24 1040	06/10/24 2124	JLN
Styrene	<2.1	2.1	ug/m3	1		06/06/24 1058	06/06/24 2116	JLN
1,1,2,2-Tetrachloroethane	<3.4	3.4	ug/m3	1		06/06/24 1058	06/06/24 2116	JLN
Tetrachloroethylene	<b>58</b>	3.4	ug/m3	1		06/06/24 1058	06/06/24 2116	JLN
Tetrahydrofuran	<1.5	1.5	ug/m3	1		06/06/24 1058	06/06/24 2116	JLN
Toluene	<b>22</b>	1.9	ug/m3	1		06/06/24 1058	06/06/24 2116	JLN
1,2,4-Trichlorobenzene	<15	15	ug/m3	1		06/06/24 1058	06/06/24 2116	JLN
1,1,1-Trichloroethane	<2.7	2.7	ug/m3	1		06/06/24 1058	06/06/24 2116	JLN
1,1,2-Trichloroethane	<2.7	2.7	ug/m3	1		06/06/24 1058	06/06/24 2116	JLN
Trichloroethene	<1.3	1.3	ug/m3	1		06/06/24 1058	06/06/24 2116	JLN
Trichlorofluoromethane	<2.8	2.8	ug/m3	1		06/06/24 1058	06/06/24 2116	JLN
1,1,2-Trichloro-1,2,2-trifluoroethane	<3.8	3.8	ug/m3	1		06/06/24 1058	06/06/24 2116	JLN
1,3,5-Trimethylbenzene	<b>4.3</b>	2.5	ug/m3	1		06/06/24 1058	06/06/24 2116	JLN
1,2,4-Trimethylbenzene	<b>17</b>	2.5	ug/m3	1		06/06/24 1058	06/06/24 2116	JLN
Vinyl acetate	<7.0	7.0	ug/m3	1		06/06/24 1058	06/06/24 2116	JLN
Vinyl chloride	<1.3	1.3	ug/m3	1		06/06/24 1058	06/06/24 2116	JLN
o-Xylene	<b>8.4</b>	2.2	ug/m3	1		06/06/24 1058	06/06/24 2116	JLN
m&p-xylene	<b>20</b>	4.3	ug/m3	1		06/06/24 1058	06/06/24 2116	JLN
Surrogate: 4-Bromofluorobenzene	109	Limit: 77.7-127	% Rec	5		06/10/24 1040	06/10/24 2124	JLN
Surrogate: 4-Bromofluorobenzene	114	Limit: 77.7-127	% Rec	1		06/06/24 1058	06/06/24 2116	JLN



Microbac Laboratories, Inc. - Chicagoland

CERTIFICATE OF ANALYSIS

C4F0291

<b>Client Sample ID:</b> SG-11	
<b>Sample Matrix:</b> Air	
<b>Lab Sample ID:</b> C4F0291-11	<b>Collection Date:</b> 06/05/2024 9:32

Volatiles Organic Compounds by GCMS	Result	RL	Units	DF	Note	Prepared	Analyzed	Analyst
<b>EPA TO-15/EPA TO-15</b>								
Acetone	65	23	ug/m3	5		06/10/24 1040	06/10/24 2200	JLN
Acrolein	<1.1	1.1	ug/m3	1		06/06/24 1058	06/06/24 2156	JLN
Benzene	3.4	1.6	ug/m3	1		06/06/24 1058	06/06/24 2156	JLN
Benzyl chloride	<2.6	2.6	ug/m3	1		06/06/24 1058	06/06/24 2156	JLN
Bromodichloromethane	<3.3	3.3	ug/m3	1		06/06/24 1058	06/06/24 2156	JLN
Bromoform	<5.2	5.2	ug/m3	1		06/06/24 1058	06/06/24 2156	JLN
1,3-Butadiene	2.4	1.1	ug/m3	1		06/06/24 1058	06/06/24 2156	JLN
2-Butanone	18	5.9	ug/m3	1		06/06/24 1058	06/06/24 2156	JLN
tert-Butyl alcohol	21	3.0	ug/m3	1		06/06/24 1058	06/06/24 2156	JLN
Carbon disulfide	59	3.1	ug/m3	1		06/06/24 1058	06/06/24 2156	JLN
Carbon tetrachloride	<3.1	3.1	ug/m3	1		06/06/24 1058	06/06/24 2156	JLN
Chlorobenzene	<2.3	2.3	ug/m3	1		06/06/24 1058	06/06/24 2156	JLN
Chlorodibromomethane	<4.3	4.3	ug/m3	1		06/06/24 1058	06/06/24 2156	JLN
Chloroethane	<1.3	1.3	ug/m3	1		06/06/24 1058	06/06/24 2156	JLN
Chloroform	<2.4	2.4	ug/m3	1		06/06/24 1058	06/06/24 2156	JLN
Cyclohexane	1.8	1.7	ug/m3	1		06/06/24 1058	06/06/24 2156	JLN
1,2-Dibromoethane	<3.8	3.8	ug/m3	1		06/06/24 1058	06/06/24 2156	JLN
1,3-Dichlorobenzene	<3.0	3.0	ug/m3	1		06/06/24 1058	06/06/24 2156	JLN
1,4-Dichlorobenzene	<3.0	3.0	ug/m3	1		06/06/24 1058	06/06/24 2156	JLN
1,2-Dichlorobenzene	<3.0	3.0	ug/m3	1		06/06/24 1058	06/06/24 2156	JLN
Dichlorodifluoromethane	150	12	ug/m3	5		06/10/24 1040	06/10/24 2200	JLN
1,1-Dichloroethane	<2.0	2.0	ug/m3	1		06/06/24 1058	06/06/24 2156	JLN
1,2-Dichloroethane	<2.0	2.0	ug/m3	1		06/06/24 1058	06/06/24 2156	JLN
1,1-Dichloroethene	<2.0	2.0	ug/m3	1		06/06/24 1058	06/06/24 2156	JLN
cis-1,2-Dichloroethylene	<2.0	2.0	ug/m3	1		06/06/24 1058	06/06/24 2156	JLN
trans-1,2-Dichloroethylene	<2.0	2.0	ug/m3	1		06/06/24 1058	06/06/24 2156	JLN
1,2-Dichloropropane	<2.3	2.3	ug/m3	1		06/06/24 1058	06/06/24 2156	JLN
cis-1,3-Dichloropropylene	<2.3	2.3	ug/m3	1		06/06/24 1058	06/06/24 2156	JLN
trans-1,3-Dichloropropylene	<2.3	2.3	ug/m3	1		06/06/24 1058	06/06/24 2156	JLN
1,2-Dichloro-1,1,2,2-tetrafluoroethane	<3.5	3.5	ug/m3	1		06/06/24 1058	06/06/24 2156	JLN
1,4-Dioxane	<7.2	7.2	ug/m3	1		06/06/24 1058	06/06/24 2156	JLN
Ethyl acetate	<1.8	1.8	ug/m3	1		06/06/24 1058	06/06/24 2156	JLN
Ethylbenzene	5.0	2.2	ug/m3	1		06/06/24 1058	06/06/24 2156	JLN
4-Ethyltoluene	4.3	2.5	ug/m3	1		06/06/24 1058	06/06/24 2156	JLN
n-Heptane	7.1	2.0	ug/m3	1		06/06/24 1058	06/06/24 2156	JLN
Hexachlorobutadiene	<21	21	ug/m3	1		06/06/24 1058	06/06/24 2156	JLN
Hexane	19	18	ug/m3	1		06/06/24 1058	06/06/24 2156	JLN
2-Hexanone	13	8.2	ug/m3	1		06/06/24 1058	06/06/24 2156	JLN
Isopropyl alcohol	10	4.9	ug/m3	1		06/06/24 1058	06/06/24 2156	JLN
Isopropylbenzene	<2.5	2.5	ug/m3	1		06/06/24 1058	06/06/24 2156	JLN
Methyl bromide	<1.9	1.9	ug/m3	1		06/06/24 1058	06/06/24 2156	JLN
Methyl tert-butyl ether	<1.8	1.8	ug/m3	1		06/06/24 1058	06/06/24 2156	JLN



Microbac Laboratories, Inc. - Chicagoland

CERTIFICATE OF ANALYSIS

C4F0291

<b>Client Sample ID:</b>	SG-11	<b>Collection Date:</b>	06/05/2024 9:32
<b>Sample Matrix:</b>	Air		
<b>Lab Sample ID:</b>	C4F0291-11		

Volatiles Organic Compounds by GCMS	Result	RL	Units	DF	Note	Prepared	Analyzed	Analyst
Methyl chloride	<4.1	4.1	ug/m3	1		06/06/24 1058	06/06/24 2156	JLN
Methylene chloride	<17	17	ug/m3	1		06/06/24 1058	06/06/24 2156	JLN
Methyl Methacrylate	<4.1	4.1	ug/m3	1		06/06/24 1058	06/06/24 2156	JLN
4-Methyl-2-pentanone	<b>27</b>	20	ug/m3	1		06/06/24 1058	06/06/24 2156	JLN
Naphthalene	<5.2	5.2	ug/m3	1		06/06/24 1058	06/06/24 2156	JLN
Propylene	<b>17</b>	1.7	ug/m3	1		06/06/24 1058	06/06/24 2156	JLN
Styrene	<2.1	2.1	ug/m3	1		06/06/24 1058	06/06/24 2156	JLN
1,1,2,2-Tetrachloroethane	<3.4	3.4	ug/m3	1		06/06/24 1058	06/06/24 2156	JLN
Tetrachloroethylene	<b>370</b>	17	ug/m3	5		06/10/24 1040	06/10/24 2200	JLN
Tetrahydrofuran	<1.5	1.5	ug/m3	1		06/06/24 1058	06/06/24 2156	JLN
Toluene	<b>14</b>	1.9	ug/m3	1		06/06/24 1058	06/06/24 2156	JLN
1,2,4-Trichlorobenzene	<15	15	ug/m3	1		06/06/24 1058	06/06/24 2156	JLN
1,1,1-Trichloroethane	<2.7	2.7	ug/m3	1		06/06/24 1058	06/06/24 2156	JLN
1,1,2-Trichloroethane	<2.7	2.7	ug/m3	1		06/06/24 1058	06/06/24 2156	JLN
Trichloroethene	<b>1.4</b>	1.3	ug/m3	1		06/06/24 1058	06/06/24 2156	JLN
Trichlorofluoromethane	<b>12</b>	2.8	ug/m3	1		06/06/24 1058	06/06/24 2156	JLN
1,1,2-Trichloro-1,2,2-trifluoroethane	<3.8	3.8	ug/m3	1		06/06/24 1058	06/06/24 2156	JLN
1,3,5-Trimethylbenzene	<b>4.1</b>	2.5	ug/m3	1		06/06/24 1058	06/06/24 2156	JLN
1,2,4-Trimethylbenzene	<b>16</b>	2.5	ug/m3	1		06/06/24 1058	06/06/24 2156	JLN
Vinyl acetate	<7.0	7.0	ug/m3	1		06/06/24 1058	06/06/24 2156	JLN
Vinyl chloride	<1.3	1.3	ug/m3	1		06/06/24 1058	06/06/24 2156	JLN
o-Xylene	<b>7.8</b>	2.2	ug/m3	1		06/06/24 1058	06/06/24 2156	JLN
m&p-xylene	<b>19</b>	4.3	ug/m3	1		06/06/24 1058	06/06/24 2156	JLN
Surrogate: 4-Bromofluorobenzene	108	Limit: 77.7-127	% Rec	5		06/10/24 1040	06/10/24 2200	JLN
Surrogate: 4-Bromofluorobenzene	114	Limit: 77.7-127	% Rec	1		06/06/24 1058	06/06/24 2156	JLN



Microbac Laboratories, Inc. - Chicagoland

CERTIFICATE OF ANALYSIS

C4F0291

<b>Client Sample ID:</b> SG-12	
<b>Sample Matrix:</b> Air	
<b>Lab Sample ID:</b> C4F0291-12	<b>Collection Date:</b> 06/05/2024 13:05

Volatil Organic Compounds by GCMS	Result	RL	Units	DF	Note	Prepared	Analyzed	Analyst
<b>EPA TO-15/EPA TO-15</b>								
Acetone	29	4.7	ug/m3	1		06/06/24 1058	06/06/24 2235	JLN
Acrolein	<1.1	1.1	ug/m3	1		06/06/24 1058	06/06/24 2235	JLN
Benzene	1.8	1.6	ug/m3	1		06/06/24 1058	06/06/24 2235	JLN
Benzyl chloride	<2.6	2.6	ug/m3	1		06/06/24 1058	06/06/24 2235	JLN
Bromodichloromethane	<3.3	3.3	ug/m3	1		06/06/24 1058	06/06/24 2235	JLN
Bromoform	<5.2	5.2	ug/m3	1		06/06/24 1058	06/06/24 2235	JLN
1,3-Butadiene	1.9	1.1	ug/m3	1		06/06/24 1058	06/06/24 2235	JLN
2-Butanone	<5.9	5.9	ug/m3	1		06/06/24 1058	06/06/24 2235	JLN
tert-Butyl alcohol	3.7	3.0	ug/m3	1		06/06/24 1058	06/06/24 2235	JLN
Carbon disulfide	4.2	3.1	ug/m3	1		06/06/24 1058	06/06/24 2235	JLN
Carbon tetrachloride	<3.1	3.1	ug/m3	1		06/06/24 1058	06/06/24 2235	JLN
Chlorobenzene	<2.3	2.3	ug/m3	1		06/06/24 1058	06/06/24 2235	JLN
Chlorodibromomethane	<4.2	4.2	ug/m3	1		06/06/24 1058	06/06/24 2235	JLN
Chloroethane	<1.3	1.3	ug/m3	1		06/06/24 1058	06/06/24 2235	JLN
Chloroform	<2.4	2.4	ug/m3	1		06/06/24 1058	06/06/24 2235	JLN
Cyclohexane	<1.7	1.7	ug/m3	1		06/06/24 1058	06/06/24 2235	JLN
1,2-Dibromoethane	<3.8	3.8	ug/m3	1		06/06/24 1058	06/06/24 2235	JLN
1,3-Dichlorobenzene	<3.0	3.0	ug/m3	1		06/06/24 1058	06/06/24 2235	JLN
1,4-Dichlorobenzene	<3.0	3.0	ug/m3	1		06/06/24 1058	06/06/24 2235	JLN
1,2-Dichlorobenzene	<3.0	3.0	ug/m3	1		06/06/24 1058	06/06/24 2235	JLN
Dichlorodifluoromethane	3.8	2.5	ug/m3	1		06/06/24 1058	06/06/24 2235	JLN
1,1-Dichloroethane	<2.0	2.0	ug/m3	1		06/06/24 1058	06/06/24 2235	JLN
1,2-Dichloroethane	<2.0	2.0	ug/m3	1		06/06/24 1058	06/06/24 2235	JLN
1,1-Dichloroethene	<2.0	2.0	ug/m3	1		06/06/24 1058	06/06/24 2235	JLN
cis-1,2-Dichloroethylene	<2.0	2.0	ug/m3	1		06/06/24 1058	06/06/24 2235	JLN
trans-1,2-Dichloroethylene	<2.0	2.0	ug/m3	1		06/06/24 1058	06/06/24 2235	JLN
1,2-Dichloropropane	<2.3	2.3	ug/m3	1		06/06/24 1058	06/06/24 2235	JLN
cis-1,3-Dichloropropylene	<2.3	2.3	ug/m3	1		06/06/24 1058	06/06/24 2235	JLN
trans-1,3-Dichloropropylene	<2.3	2.3	ug/m3	1		06/06/24 1058	06/06/24 2235	JLN
1,2-Dichloro-1,1,2,2-tetrafluoroethane	<3.5	3.5	ug/m3	1		06/06/24 1058	06/06/24 2235	JLN
1,4-Dioxane	<7.2	7.2	ug/m3	1		06/06/24 1058	06/06/24 2235	JLN
Ethyl acetate	<1.8	1.8	ug/m3	1		06/06/24 1058	06/06/24 2235	JLN
Ethylbenzene	5.6	2.2	ug/m3	1		06/06/24 1058	06/06/24 2235	JLN
4-Ethyltoluene	4.6	2.5	ug/m3	1		06/06/24 1058	06/06/24 2235	JLN
n-Heptane	3.0	2.0	ug/m3	1		06/06/24 1058	06/06/24 2235	JLN
Hexachlorobutadiene	<21	21	ug/m3	1		06/06/24 1058	06/06/24 2235	JLN
Hexane	<18	18	ug/m3	1		06/06/24 1058	06/06/24 2235	JLN
2-Hexanone	<8.2	8.2	ug/m3	1		06/06/24 1058	06/06/24 2235	JLN
Isopropyl alcohol	<4.9	4.9	ug/m3	1		06/06/24 1058	06/06/24 2235	JLN
Isopropylbenzene	<2.5	2.5	ug/m3	1		06/06/24 1058	06/06/24 2235	JLN
Methyl bromide	<1.9	1.9	ug/m3	1		06/06/24 1058	06/06/24 2235	JLN
Methyl tert-butyl ether	<1.8	1.8	ug/m3	1		06/06/24 1058	06/06/24 2235	JLN



Microbac Laboratories, Inc. - Chicagoland

CERTIFICATE OF ANALYSIS

C4F0291

<b>Client Sample ID:</b>	SG-12								
<b>Sample Matrix:</b>	Air								
<b>Lab Sample ID:</b>	C4F0291-12					<b>Collection Date:</b>	06/05/2024 13:05		

Volatiles Organic Compounds by GCMS	Result	RL	Units	DF	Note	Prepared	Analyzed	Analyst
Methyl chloride	<4.1	4.1	ug/m3	1		06/06/24 1058	06/06/24 2235	JLN
Methylene chloride	<17	17	ug/m3	1		06/06/24 1058	06/06/24 2235	JLN
Methyl Methacrylate	<4.1	4.1	ug/m3	1		06/06/24 1058	06/06/24 2235	JLN
4-Methyl-2-pentanone	<20	20	ug/m3	1		06/06/24 1058	06/06/24 2235	JLN
Naphthalene	<5.2	5.2	ug/m3	1		06/06/24 1058	06/06/24 2235	JLN
Propylene	8.9	1.7	ug/m3	1		06/06/24 1058	06/06/24 2235	JLN
Styrene	<2.1	2.1	ug/m3	1		06/06/24 1058	06/06/24 2235	JLN
1,1,2,2-Tetrachloroethane	<3.4	3.4	ug/m3	1		06/06/24 1058	06/06/24 2235	JLN
Tetrachloroethylene	170	17	ug/m3	5		06/10/24 1040	06/10/24 2237	JLN
Tetrahydrofuran	<1.5	1.5	ug/m3	1		06/06/24 1058	06/06/24 2235	JLN
Toluene	17	1.9	ug/m3	1		06/06/24 1058	06/06/24 2235	JLN
1,2,4-Trichlorobenzene	<15	15	ug/m3	1		06/06/24 1058	06/06/24 2235	JLN
1,1,1-Trichloroethane	<2.7	2.7	ug/m3	1		06/06/24 1058	06/06/24 2235	JLN
1,1,2-Trichloroethane	<2.7	2.7	ug/m3	1		06/06/24 1058	06/06/24 2235	JLN
Trichloroethene	<1.3	1.3	ug/m3	1		06/06/24 1058	06/06/24 2235	JLN
Trichlorofluoromethane	12	2.8	ug/m3	1		06/06/24 1058	06/06/24 2235	JLN
1,1,2-Trichloro-1,2,2-trifluoroethane	<3.8	3.8	ug/m3	1		06/06/24 1058	06/06/24 2235	JLN
1,3,5-Trimethylbenzene	4.7	2.5	ug/m3	1		06/06/24 1058	06/06/24 2235	JLN
1,2,4-Trimethylbenzene	18	2.5	ug/m3	1		06/06/24 1058	06/06/24 2235	JLN
Vinyl acetate	<7.0	7.0	ug/m3	1		06/06/24 1058	06/06/24 2235	JLN
Vinyl chloride	<1.3	1.3	ug/m3	1		06/06/24 1058	06/06/24 2235	JLN
o-Xylene	9.0	2.2	ug/m3	1		06/06/24 1058	06/06/24 2235	JLN
m&p-xylene	21	4.3	ug/m3	1		06/06/24 1058	06/06/24 2235	JLN
Surrogate: 4-Bromofluorobenzene	110	Limit: 77.7-127	% Rec	5		06/10/24 1040	06/10/24 2237	JLN
Surrogate: 4-Bromofluorobenzene	115	Limit: 77.7-127	% Rec	1		06/06/24 1058	06/06/24 2235	JLN





Microbac Laboratories, Inc. - Chicagoland

CERTIFICATE OF ANALYSIS

C4F0291

<b>Client Sample ID:</b> SG-13	
<b>Sample Matrix:</b> Air	
<b>Lab Sample ID:</b> C4F0291-13	<b>Collection Date:</b> 06/05/2024 13:48

Volatiles Organic Compounds by GCMS	Result	RL	Units	DF	Note	Prepared	Analyzed	Analyst
<b>EPA TO-15/EPA TO-15</b>								
Acetone	140	23	ug/m3	5		06/10/24 1040	06/10/24 2313	JLN
Acrolein	1.7	1.1	ug/m3	1		06/06/24 1058	06/06/24 2315	JLN
Benzene	5.1	1.6	ug/m3	1		06/06/24 1058	06/06/24 2315	JLN
Benzyl chloride	<2.6	2.6	ug/m3	1		06/06/24 1058	06/06/24 2315	JLN
Bromodichloromethane	<3.3	3.3	ug/m3	1		06/06/24 1058	06/06/24 2315	JLN
Bromoform	<5.1	5.1	ug/m3	1		06/06/24 1058	06/06/24 2315	JLN
1,3-Butadiene	8.9	1.1	ug/m3	1		06/06/24 1058	06/06/24 2315	JLN
2-Butanone	34	5.9	ug/m3	1		06/06/24 1058	06/06/24 2315	JLN
tert-Butyl alcohol	13	3.0	ug/m3	1		06/06/24 1058	06/06/24 2315	JLN
Carbon disulfide	110	15	ug/m3	5		06/10/24 1040	06/10/24 2313	JLN
Carbon tetrachloride	4.6	3.1	ug/m3	1		06/06/24 1058	06/06/24 2315	JLN
Chlorobenzene	<2.3	2.3	ug/m3	1		06/06/24 1058	06/06/24 2315	JLN
Chlorodibromomethane	<4.2	4.2	ug/m3	1		06/06/24 1058	06/06/24 2315	JLN
Chloroethane	<1.3	1.3	ug/m3	1		06/06/24 1058	06/06/24 2315	JLN
Chloroform	<2.4	2.4	ug/m3	1		06/06/24 1058	06/06/24 2315	JLN
Cyclohexane	13	1.7	ug/m3	1		06/06/24 1058	06/06/24 2315	JLN
1,2-Dibromoethane	<3.8	3.8	ug/m3	1		06/06/24 1058	06/06/24 2315	JLN
1,3-Dichlorobenzene	<3.0	3.0	ug/m3	1		06/06/24 1058	06/06/24 2315	JLN
1,4-Dichlorobenzene	<3.0	3.0	ug/m3	1		06/06/24 1058	06/06/24 2315	JLN
1,2-Dichlorobenzene	<3.0	3.0	ug/m3	1		06/06/24 1058	06/06/24 2315	JLN
Dichlorodifluoromethane	<2.5	2.5	ug/m3	1		06/06/24 1058	06/06/24 2315	JLN
1,1-Dichloroethane	<2.0	2.0	ug/m3	1		06/06/24 1058	06/06/24 2315	JLN
1,2-Dichloroethane	<2.0	2.0	ug/m3	1		06/06/24 1058	06/06/24 2315	JLN
1,1-Dichloroethene	<2.0	2.0	ug/m3	1		06/06/24 1058	06/06/24 2315	JLN
cis-1,2-Dichloroethylene	<2.0	2.0	ug/m3	1		06/06/24 1058	06/06/24 2315	JLN
trans-1,2-Dichloroethylene	<2.0	2.0	ug/m3	1		06/06/24 1058	06/06/24 2315	JLN
1,2-Dichloropropane	<2.3	2.3	ug/m3	1		06/06/24 1058	06/06/24 2315	JLN
cis-1,3-Dichloropropylene	<2.3	2.3	ug/m3	1		06/06/24 1058	06/06/24 2315	JLN
trans-1,3-Dichloropropylene	<2.3	2.3	ug/m3	1		06/06/24 1058	06/06/24 2315	JLN
1,2-Dichloro-1,1,2,2-tetrafluoroethane	<3.5	3.5	ug/m3	1		06/06/24 1058	06/06/24 2315	JLN
1,4-Dioxane	<7.2	7.2	ug/m3	1		06/06/24 1058	06/06/24 2315	JLN
Ethyl acetate	<1.8	1.8	ug/m3	1		06/06/24 1058	06/06/24 2315	JLN
Ethylbenzene	5.7	2.2	ug/m3	1		06/06/24 1058	06/06/24 2315	JLN
4-Ethyltoluene	4.4	2.4	ug/m3	1		06/06/24 1058	06/06/24 2315	JLN
n-Heptane	41	2.0	ug/m3	1		06/06/24 1058	06/06/24 2315	JLN
Hexachlorobutadiene	<21	21	ug/m3	1		06/06/24 1058	06/06/24 2315	JLN
Hexane	49	18	ug/m3	1		06/06/24 1058	06/06/24 2315	JLN
2-Hexanone	<8.2	8.2	ug/m3	1		06/06/24 1058	06/06/24 2315	JLN
Isopropyl alcohol	6.7	4.9	ug/m3	1		06/06/24 1058	06/06/24 2315	JLN
Isopropylbenzene	<2.4	2.4	ug/m3	1		06/06/24 1058	06/06/24 2315	JLN
Methyl bromide	<1.9	1.9	ug/m3	1		06/06/24 1058	06/06/24 2315	JLN
Methyl tert-butyl ether	<1.8	1.8	ug/m3	1		06/06/24 1058	06/06/24 2315	JLN



Microbac Laboratories, Inc. - Chicagoland

CERTIFICATE OF ANALYSIS

C4F0291

<b>Client Sample ID:</b>	SG-13	<b>Collection Date:</b>	06/05/2024 13:48
<b>Sample Matrix:</b>	Air		
<b>Lab Sample ID:</b>	C4F0291-13		

Volatiles Organic Compounds by GCMS	Result	RL	Units	DF	Note	Prepared	Analyzed	Analyst
Methyl chloride	<4.1	4.1	ug/m3	1		06/06/24 1058	06/06/24 2315	JLN
Methylene chloride	<17	17	ug/m3	1		06/06/24 1058	06/06/24 2315	JLN
Methyl Methacrylate	<4.1	4.1	ug/m3	1		06/06/24 1058	06/06/24 2315	JLN
4-Methyl-2-pentanone	<20	20	ug/m3	1		06/06/24 1058	06/06/24 2315	JLN
Naphthalene	<5.2	5.2	ug/m3	1		06/06/24 1058	06/06/24 2315	JLN
Propylene	<b>71</b>	8.5	ug/m3	5		06/10/24 1040	06/10/24 2313	JLN
Styrene	<2.1	2.1	ug/m3	1		06/06/24 1058	06/06/24 2315	JLN
1,1,2,2-Tetrachloroethane	<3.4	3.4	ug/m3	1		06/06/24 1058	06/06/24 2315	JLN
Tetrachloroethylene	<b>130</b>	3.4	ug/m3	1		06/06/24 1058	06/06/24 2315	JLN
Tetrahydrofuran	<1.5	1.5	ug/m3	1		06/06/24 1058	06/06/24 2315	JLN
Toluene	<b>15</b>	1.9	ug/m3	1		06/06/24 1058	06/06/24 2315	JLN
1,2,4-Trichlorobenzene	<15	15	ug/m3	1		06/06/24 1058	06/06/24 2315	JLN
1,1,1-Trichloroethane	<2.7	2.7	ug/m3	1		06/06/24 1058	06/06/24 2315	JLN
1,1,2-Trichloroethane	<2.7	2.7	ug/m3	1		06/06/24 1058	06/06/24 2315	JLN
Trichloroethene	<1.3	1.3	ug/m3	1		06/06/24 1058	06/06/24 2315	JLN
Trichlorofluoromethane	<2.8	2.8	ug/m3	1		06/06/24 1058	06/06/24 2315	JLN
1,1,2-Trichloro-1,2,2-trifluoroethane	<3.8	3.8	ug/m3	1		06/06/24 1058	06/06/24 2315	JLN
1,3,5-Trimethylbenzene	<b>5.2</b>	2.4	ug/m3	1		06/06/24 1058	06/06/24 2315	JLN
1,2,4-Trimethylbenzene	<b>18</b>	2.4	ug/m3	1		06/06/24 1058	06/06/24 2315	JLN
Vinyl acetate	<b>7.6</b>	7.0	ug/m3	1		06/06/24 1058	06/06/24 2315	JLN
Vinyl chloride	<1.3	1.3	ug/m3	1		06/06/24 1058	06/06/24 2315	JLN
o-Xylene	<b>8.6</b>	2.2	ug/m3	1		06/06/24 1058	06/06/24 2315	JLN
m&p-xylene	<b>20</b>	4.3	ug/m3	1		06/06/24 1058	06/06/24 2315	JLN
Surrogate: 4-Bromofluorobenzene	110	Limit: 77.7-127	% Rec	5		06/10/24 1040	06/10/24 2313	JLN
Surrogate: 4-Bromofluorobenzene	117	Limit: 77.7-127	% Rec	1		06/06/24 1058	06/06/24 2315	JLN



Microbac Laboratories, Inc. - Chicagoland

CERTIFICATE OF ANALYSIS

C4F0291

<b>Client Sample ID:</b> SG-14	
<b>Sample Matrix:</b> Air	
<b>Lab Sample ID:</b> C4F0291-14	<b>Collection Date:</b> 06/05/2024 12:16

Volatiles Organic Compounds by GCMS	Result	RL	Units	DF	Note	Prepared	Analyzed	Analyst
<b>EPA TO-15/EPA TO-15</b>								
Acetone	270	46	ug/m3	10		06/06/24 1058	06/07/24 0857	JLN
Acrolein	<1.1	1.1	ug/m3	1		06/06/24 1058	06/06/24 2354	JLN
Benzene	12	1.6	ug/m3	1		06/06/24 1058	06/06/24 2354	JLN
Benzyl chloride	<2.6	2.6	ug/m3	1		06/06/24 1058	06/06/24 2354	JLN
Bromodichloromethane	<3.3	3.3	ug/m3	1		06/06/24 1058	06/06/24 2354	JLN
Bromoform	<5.2	5.2	ug/m3	1		06/06/24 1058	06/06/24 2354	JLN
1,3-Butadiene	19	1.1	ug/m3	1		06/06/24 1058	06/06/24 2354	JLN
2-Butanone	23	5.9	ug/m3	1		06/06/24 1058	06/06/24 2354	JLN
tert-Butyl alcohol	<3.0	3.0	ug/m3	1		06/06/24 1058	06/06/24 2354	JLN
Carbon disulfide	40	3.1	ug/m3	1		06/06/24 1058	06/06/24 2354	JLN
Carbon tetrachloride	<3.1	3.1	ug/m3	1		06/06/24 1058	06/06/24 2354	JLN
Chlorobenzene	<2.3	2.3	ug/m3	1		06/06/24 1058	06/06/24 2354	JLN
Chlorodibromomethane	<4.2	4.2	ug/m3	1		06/06/24 1058	06/06/24 2354	JLN
Chloroethane	<1.3	1.3	ug/m3	1		06/06/24 1058	06/06/24 2354	JLN
Chloroform	<2.4	2.4	ug/m3	1		06/06/24 1058	06/06/24 2354	JLN
Cyclohexane	11	1.7	ug/m3	1		06/06/24 1058	06/06/24 2354	JLN
1,2-Dibromoethane	<3.8	3.8	ug/m3	1		06/06/24 1058	06/06/24 2354	JLN
1,3-Dichlorobenzene	<3.0	3.0	ug/m3	1		06/06/24 1058	06/06/24 2354	JLN
1,4-Dichlorobenzene	<3.0	3.0	ug/m3	1		06/06/24 1058	06/06/24 2354	JLN
1,2-Dichlorobenzene	<3.0	3.0	ug/m3	1		06/06/24 1058	06/06/24 2354	JLN
Dichlorodifluoromethane	<2.5	2.5	ug/m3	1		06/06/24 1058	06/06/24 2354	JLN
1,1-Dichloroethane	<2.0	2.0	ug/m3	1		06/06/24 1058	06/06/24 2354	JLN
1,2-Dichloroethane	<2.0	2.0	ug/m3	1		06/06/24 1058	06/06/24 2354	JLN
1,1-Dichloroethene	<2.0	2.0	ug/m3	1		06/06/24 1058	06/06/24 2354	JLN
cis-1,2-Dichloroethylene	<2.0	2.0	ug/m3	1		06/06/24 1058	06/06/24 2354	JLN
trans-1,2-Dichloroethylene	<2.0	2.0	ug/m3	1		06/06/24 1058	06/06/24 2354	JLN
1,2-Dichloropropane	<2.3	2.3	ug/m3	1		06/06/24 1058	06/06/24 2354	JLN
cis-1,3-Dichloropropylene	<2.3	2.3	ug/m3	1		06/06/24 1058	06/06/24 2354	JLN
trans-1,3-Dichloropropylene	<2.3	2.3	ug/m3	1		06/06/24 1058	06/06/24 2354	JLN
1,2-Dichloro-1,1,2,2-tetrafluoroethane	<3.5	3.5	ug/m3	1		06/06/24 1058	06/06/24 2354	JLN
1,4-Dioxane	<7.2	7.2	ug/m3	1		06/06/24 1058	06/06/24 2354	JLN
Ethyl acetate	<1.8	1.8	ug/m3	1		06/06/24 1058	06/06/24 2354	JLN
Ethylbenzene	8.8	2.2	ug/m3	1		06/06/24 1058	06/06/24 2354	JLN
4-Ethyltoluene	4.7	2.5	ug/m3	1		06/06/24 1058	06/06/24 2354	JLN
n-Heptane	160	20	ug/m3	10		06/06/24 1058	06/07/24 0857	JLN
Hexachlorobutadiene	<21	21	ug/m3	1		06/06/24 1058	06/06/24 2354	JLN
Hexane	360	18	ug/m3	10		06/06/24 1058	06/07/24 0857	JLN
2-Hexanone	<8.2	8.2	ug/m3	1		06/06/24 1058	06/06/24 2354	JLN
Isopropyl alcohol	<4.9	4.9	ug/m3	1		06/06/24 1058	06/06/24 2354	JLN
Isopropylbenzene	<2.5	2.5	ug/m3	1		06/06/24 1058	06/06/24 2354	JLN
Methyl bromide	<1.9	1.9	ug/m3	1		06/06/24 1058	06/06/24 2354	JLN
Methyl tert-butyl ether	<1.8	1.8	ug/m3	1		06/06/24 1058	06/06/24 2354	JLN



Microbac Laboratories, Inc. - Chicagoland

CERTIFICATE OF ANALYSIS

C4F0291

<b>Client Sample ID:</b> SG-14	
<b>Sample Matrix:</b> Air	
<b>Lab Sample ID:</b> C4F0291-14	<b>Collection Date:</b> 06/05/2024 12:16

Volatiles Organic Compounds by GCMS	Result	RL	Units	DF	Note	Prepared	Analyzed	Analyst
Methyl chloride	<4.1	4.1	ug/m3	1		06/06/24 1058	06/06/24 2354	JLN
Methylene chloride	<17	17	ug/m3	1		06/06/24 1058	06/06/24 2354	JLN
Methyl Methacrylate	<4.1	4.1	ug/m3	1		06/06/24 1058	06/06/24 2354	JLN
4-Methyl-2-pentanone	<20	20	ug/m3	1		06/06/24 1058	06/06/24 2354	JLN
Naphthalene	<5.2	5.2	ug/m3	1		06/06/24 1058	06/06/24 2354	JLN
Propylene	<b>150</b>	17	ug/m3	10		06/06/24 1058	06/07/24 0857	JLN
Styrene	<2.1	2.1	ug/m3	1		06/06/24 1058	06/06/24 2354	JLN
1,1,2,2-Tetrachloroethane	<3.4	3.4	ug/m3	1		06/06/24 1058	06/06/24 2354	JLN
Tetrachloroethylene	<b>79</b>	3.4	ug/m3	1		06/06/24 1058	06/06/24 2354	JLN
Tetrahydrofuran	<1.5	1.5	ug/m3	1		06/06/24 1058	06/06/24 2354	JLN
Toluene	<b>32</b>	1.9	ug/m3	1		06/06/24 1058	06/06/24 2354	JLN
1,2,4-Trichlorobenzene	<15	15	ug/m3	1		06/06/24 1058	06/06/24 2354	JLN
1,1,1-Trichloroethane	<2.7	2.7	ug/m3	1		06/06/24 1058	06/06/24 2354	JLN
1,1,2-Trichloroethane	<2.7	2.7	ug/m3	1		06/06/24 1058	06/06/24 2354	JLN
Trichloroethene	<b>9.8</b>	1.3	ug/m3	1		06/06/24 1058	06/06/24 2354	JLN
Trichlorofluoromethane	<2.8	2.8	ug/m3	1		06/06/24 1058	06/06/24 2354	JLN
1,1,2-Trichloro-1,2,2-trifluoroethane	<3.8	3.8	ug/m3	1		06/06/24 1058	06/06/24 2354	JLN
1,3,5-Trimethylbenzene	<b>4.8</b>	2.5	ug/m3	1		06/06/24 1058	06/06/24 2354	JLN
1,2,4-Trimethylbenzene	<b>18</b>	2.5	ug/m3	1		06/06/24 1058	06/06/24 2354	JLN
Vinyl acetate	<7.0	7.0	ug/m3	1		06/06/24 1058	06/06/24 2354	JLN
Vinyl chloride	<1.3	1.3	ug/m3	1		06/06/24 1058	06/06/24 2354	JLN
o-Xylene	<b>9.4</b>	2.2	ug/m3	1		06/06/24 1058	06/06/24 2354	JLN
m&p-xylene	<b>23</b>	4.3	ug/m3	1		06/06/24 1058	06/06/24 2354	JLN
Surrogate: 4-Bromofluorobenzene	113	Limit: 77.7-127	% Rec	10		06/06/24 1058	06/07/24 0857	JLN
Surrogate: 4-Bromofluorobenzene	117	Limit: 77.7-127	% Rec	1		06/06/24 1058	06/06/24 2354	JLN



Microbac Laboratories, Inc. - Chicagoland

CERTIFICATE OF ANALYSIS

C4F0291

<b>Client Sample ID:</b> SG-15	
<b>Sample Matrix:</b> Air	
<b>Lab Sample ID:</b> C4F0291-15	<b>Collection Date:</b> 06/05/2024 11:06

Volatil Organic Compounds by GCMS	Result	RL	Units	DF	Note	Prepared	Analyzed	Analyst
<b>EPA TO-15/EPA TO-15</b>								
Acetone	310	46	ug/m3	10		06/10/24 1040	06/10/24 2349	JLN
Acrolein	4.5	1.1	ug/m3	1		06/10/24 1040	06/10/24 1358	JLN
Benzene	40	1.6	ug/m3	1		06/10/24 1040	06/10/24 1358	JLN
Benzyl chloride	<2.6	2.6	ug/m3	1		06/10/24 1040	06/10/24 1358	JLN
Bromodichloromethane	<3.3	3.3	ug/m3	1		06/10/24 1040	06/10/24 1358	JLN
Bromoform	<5.2	5.2	ug/m3	1		06/10/24 1040	06/10/24 1358	JLN
1,3-Butadiene	22	1.1	ug/m3	1		06/10/24 1040	06/10/24 1358	JLN
2-Butanone	19	5.9	ug/m3	1		06/10/24 1040	06/10/24 1358	JLN
tert-Butyl alcohol	6.8	3.0	ug/m3	1		06/10/24 1040	06/10/24 1358	JLN
Carbon disulfide	25	3.1	ug/m3	1		06/10/24 1040	06/10/24 1358	JLN
Carbon tetrachloride	<3.1	3.1	ug/m3	1		06/10/24 1040	06/10/24 1358	JLN
Chlorobenzene	<2.3	2.3	ug/m3	1		06/10/24 1040	06/10/24 1358	JLN
Chlorodibromomethane	<4.2	4.2	ug/m3	1		06/10/24 1040	06/10/24 1358	JLN
Chloroethane	<1.3	1.3	ug/m3	1		06/10/24 1040	06/10/24 1358	JLN
Chloroform	<2.4	2.4	ug/m3	1		06/10/24 1040	06/10/24 1358	JLN
Cyclohexane	120	17	ug/m3	10		06/10/24 1040	06/10/24 2349	JLN
1,2-Dibromoethane	<3.8	3.8	ug/m3	1		06/10/24 1040	06/10/24 1358	JLN
1,3-Dichlorobenzene	<3.0	3.0	ug/m3	1		06/10/24 1040	06/10/24 1358	JLN
1,4-Dichlorobenzene	<3.0	3.0	ug/m3	1		06/10/24 1040	06/10/24 1358	JLN
1,2-Dichlorobenzene	<3.0	3.0	ug/m3	1		06/10/24 1040	06/10/24 1358	JLN
Dichlorodifluoromethane	3.2	2.5	ug/m3	1		06/10/24 1040	06/10/24 1358	JLN
1,1-Dichloroethane	<2.0	2.0	ug/m3	1		06/10/24 1040	06/10/24 1358	JLN
1,2-Dichloroethane	<2.0	2.0	ug/m3	1		06/10/24 1040	06/10/24 1358	JLN
1,1-Dichloroethene	<2.0	2.0	ug/m3	1		06/10/24 1040	06/10/24 1358	JLN
cis-1,2-Dichloroethylene	<2.0	2.0	ug/m3	1		06/10/24 1040	06/10/24 1358	JLN
trans-1,2-Dichloroethylene	<2.0	2.0	ug/m3	1		06/10/24 1040	06/10/24 1358	JLN
1,2-Dichloropropane	<2.3	2.3	ug/m3	1		06/10/24 1040	06/10/24 1358	JLN
cis-1,3-Dichloropropylene	<2.3	2.3	ug/m3	1		06/10/24 1040	06/10/24 1358	JLN
trans-1,3-Dichloropropylene	<2.3	2.3	ug/m3	1		06/10/24 1040	06/10/24 1358	JLN
1,2-Dichloro-1,1,2,2-tetrafluoroethane	<3.5	3.5	ug/m3	1		06/10/24 1040	06/10/24 1358	JLN
1,4-Dioxane	<7.2	7.2	ug/m3	1		06/10/24 1040	06/10/24 1358	JLN
Ethyl acetate	<1.8	1.8	ug/m3	1		06/10/24 1040	06/10/24 1358	JLN
Ethylbenzene	8.3	2.2	ug/m3	1		06/10/24 1040	06/10/24 1358	JLN
4-Ethyltoluene	4.2	2.5	ug/m3	1		06/10/24 1040	06/10/24 1358	JLN
n-Heptane	79	2.0	ug/m3	1		06/10/24 1040	06/10/24 1358	JLN
Hexachlorobutadiene	<21	21	ug/m3	1		06/10/24 1040	06/10/24 1358	JLN
Hexane	230	18	ug/m3	10		06/10/24 1040	06/10/24 2349	JLN
2-Hexanone	12	8.2	ug/m3	1		06/10/24 1040	06/10/24 1358	JLN
Isopropyl alcohol	<4.9	4.9	ug/m3	1		06/10/24 1040	06/10/24 1358	JLN
Isopropylbenzene	<2.5	2.5	ug/m3	1		06/10/24 1040	06/10/24 1358	JLN
Methyl bromide	<1.9	1.9	ug/m3	1		06/10/24 1040	06/10/24 1358	JLN
Methyl tert-butyl ether	<1.8	1.8	ug/m3	1		06/10/24 1040	06/10/24 1358	JLN



Microbac Laboratories, Inc. - Chicagoland

CERTIFICATE OF ANALYSIS

C4F0291

<b>Client Sample ID:</b> SG-15	
<b>Sample Matrix:</b> Air	
<b>Lab Sample ID:</b> C4F0291-15	<b>Collection Date:</b> 06/05/2024 11:06

Volatiles Organic Compounds by GCMS	Result	RL	Units	DF	Note	Prepared	Analyzed	Analyst
Methyl chloride	<4.1	4.1	ug/m3	1		06/10/24 1040	06/10/24 1358	JLN
Methylene chloride	<17	17	ug/m3	1		06/10/24 1040	06/10/24 1358	JLN
Methyl Methacrylate	<4.1	4.1	ug/m3	1		06/10/24 1040	06/10/24 1358	JLN
4-Methyl-2-pentanone	<20	20	ug/m3	1		06/10/24 1040	06/10/24 1358	JLN
Naphthalene	<5.2	5.2	ug/m3	1		06/10/24 1040	06/10/24 1358	JLN
Propylene	<b>180</b>	17	ug/m3	10		06/10/24 1040	06/10/24 2349	JLN
Styrene	<2.1	2.1	ug/m3	1		06/10/24 1040	06/10/24 1358	JLN
1,1,2,2-Tetrachloroethane	<3.4	3.4	ug/m3	1		06/10/24 1040	06/10/24 1358	JLN
Tetrachloroethylene	<b>52</b>	3.4	ug/m3	1		06/10/24 1040	06/10/24 1358	JLN
Tetrahydrofuran	<1.5	1.5	ug/m3	1		06/10/24 1040	06/10/24 1358	JLN
Toluene	<b>45</b>	1.9	ug/m3	1		06/10/24 1040	06/10/24 1358	JLN
1,2,4-Trichlorobenzene	<15	15	ug/m3	1		06/10/24 1040	06/10/24 1358	JLN
1,1,1-Trichloroethane	<2.7	2.7	ug/m3	1		06/10/24 1040	06/10/24 1358	JLN
1,1,2-Trichloroethane	<2.7	2.7	ug/m3	1		06/10/24 1040	06/10/24 1358	JLN
Trichloroethene	<1.3	1.3	ug/m3	1		06/10/24 1040	06/10/24 1358	JLN
Trichlorofluoromethane	<b>1100</b>	27	ug/m3	10		06/10/24 1040	06/10/24 2349	JLN
1,1,2-Trichloro-1,2,2-trifluoroethane	<3.8	3.8	ug/m3	1		06/10/24 1040	06/10/24 1358	JLN
1,3,5-Trimethylbenzene	<b>4.3</b>	2.5	ug/m3	1		06/10/24 1040	06/10/24 1358	JLN
1,2,4-Trimethylbenzene	<b>16</b>	2.5	ug/m3	1		06/10/24 1040	06/10/24 1358	JLN
Vinyl acetate	<7.0	7.0	ug/m3	1		06/10/24 1040	06/10/24 1358	JLN
Vinyl chloride	<1.3	1.3	ug/m3	1		06/10/24 1040	06/10/24 1358	JLN
o-Xylene	<b>9.8</b>	2.2	ug/m3	1		06/10/24 1040	06/10/24 1358	JLN
m&p-xylene	<b>24</b>	4.3	ug/m3	1		06/10/24 1040	06/10/24 1358	JLN
Surrogate: 4-Bromofluorobenzene	108	Limit: 77.7-127	% Rec	10		06/10/24 1040	06/10/24 2349	JLN
Surrogate: 4-Bromofluorobenzene	114	Limit: 77.7-127	% Rec	1		06/10/24 1040	06/10/24 1358	JLN



Microbac Laboratories, Inc. - Chicagoland

CERTIFICATE OF ANALYSIS

C4F0291

<b>Client Sample ID:</b> SG-16	
<b>Sample Matrix:</b> Air	
<b>Lab Sample ID:</b> C4F0291-16	<b>Collection Date:</b> 06/05/2024 10:43

Volatil Organic Compounds by GCMS	Result	RL	Units	DF	Note	Prepared	Analyzed	Analyst
<b>EPA TO-15/EPA TO-15</b>								
Acetone	32	4.8	ug/m3	1		06/10/24 1040	06/11/24 0030	JLN
Acrolein	<1.1	1.1	ug/m3	1		06/10/24 1040	06/11/24 0030	JLN
Benzene	1.8	1.6	ug/m3	1		06/10/24 1040	06/11/24 0030	JLN
Benzyl chloride	<2.6	2.6	ug/m3	1		06/10/24 1040	06/11/24 0030	JLN
Bromodichloromethane	<3.3	3.3	ug/m3	1		06/10/24 1040	06/11/24 0030	JLN
Bromoform	<5.2	5.2	ug/m3	1		06/10/24 1040	06/11/24 0030	JLN
1,3-Butadiene	1.6	1.1	ug/m3	1		06/10/24 1040	06/11/24 0030	JLN
2-Butanone	6.6	5.9	ug/m3	1		06/10/24 1040	06/11/24 0030	JLN
tert-Butyl alcohol	6.1	3.0	ug/m3	1		06/10/24 1040	06/11/24 0030	JLN
Carbon disulfide	46	3.1	ug/m3	1		06/10/24 1040	06/11/24 0030	JLN
Carbon tetrachloride	<3.1	3.1	ug/m3	1		06/10/24 1040	06/11/24 0030	JLN
Chlorobenzene	<2.3	2.3	ug/m3	1		06/10/24 1040	06/11/24 0030	JLN
Chlorodibromomethane	<4.3	4.3	ug/m3	1		06/10/24 1040	06/11/24 0030	JLN
Chloroethane	<1.3	1.3	ug/m3	1		06/10/24 1040	06/11/24 0030	JLN
Chloroform	<2.4	2.4	ug/m3	1		06/10/24 1040	06/11/24 0030	JLN
Cyclohexane	<1.7	1.7	ug/m3	1		06/10/24 1040	06/11/24 0030	JLN
1,2-Dibromoethane	<3.8	3.8	ug/m3	1		06/10/24 1040	06/11/24 0030	JLN
1,3-Dichlorobenzene	<3.0	3.0	ug/m3	1		06/10/24 1040	06/11/24 0030	JLN
1,4-Dichlorobenzene	<3.0	3.0	ug/m3	1		06/10/24 1040	06/11/24 0030	JLN
1,2-Dichlorobenzene	<3.0	3.0	ug/m3	1		06/10/24 1040	06/11/24 0030	JLN
Dichlorodifluoromethane	22	2.5	ug/m3	1		06/10/24 1040	06/11/24 0030	JLN
1,1-Dichloroethane	<2.0	2.0	ug/m3	1		06/10/24 1040	06/11/24 0030	JLN
1,2-Dichloroethane	<2.0	2.0	ug/m3	1		06/10/24 1040	06/11/24 0030	JLN
1,1-Dichloroethene	<2.0	2.0	ug/m3	1		06/10/24 1040	06/11/24 0030	JLN
cis-1,2-Dichloroethylene	<2.0	2.0	ug/m3	1		06/10/24 1040	06/11/24 0030	JLN
trans-1,2-Dichloroethylene	<2.0	2.0	ug/m3	1		06/10/24 1040	06/11/24 0030	JLN
1,2-Dichloropropane	<2.3	2.3	ug/m3	1		06/10/24 1040	06/11/24 0030	JLN
cis-1,3-Dichloropropylene	<2.3	2.3	ug/m3	1		06/10/24 1040	06/11/24 0030	JLN
trans-1,3-Dichloropropylene	<2.3	2.3	ug/m3	1		06/10/24 1040	06/11/24 0030	JLN
1,2-Dichloro-1,1,2,2-tetrafluoroethane	<3.5	3.5	ug/m3	1		06/10/24 1040	06/11/24 0030	JLN
1,4-Dioxane	<7.2	7.2	ug/m3	1		06/10/24 1040	06/11/24 0030	JLN
Ethyl acetate	<1.8	1.8	ug/m3	1		06/10/24 1040	06/11/24 0030	JLN
Ethylbenzene	2.9	2.2	ug/m3	1		06/10/24 1040	06/11/24 0030	JLN
4-Ethyltoluene	3.5	2.5	ug/m3	1		06/10/24 1040	06/11/24 0030	JLN
n-Heptane	14	2.0	ug/m3	1		06/10/24 1040	06/11/24 0030	JLN
Hexachlorobutadiene	<21	21	ug/m3	1		06/10/24 1040	06/11/24 0030	JLN
Hexane	26	18	ug/m3	1		06/10/24 1040	06/11/24 0030	JLN
2-Hexanone	<8.2	8.2	ug/m3	1		06/10/24 1040	06/11/24 0030	JLN
Isopropyl alcohol	<4.9	4.9	ug/m3	1		06/10/24 1040	06/11/24 0030	JLN
Isopropylbenzene	<2.5	2.5	ug/m3	1		06/10/24 1040	06/11/24 0030	JLN
Methyl bromide	<1.9	1.9	ug/m3	1		06/10/24 1040	06/11/24 0030	JLN
Methyl tert-butyl ether	<1.8	1.8	ug/m3	1		06/10/24 1040	06/11/24 0030	JLN



Microbac Laboratories, Inc. - Chicagoland

CERTIFICATE OF ANALYSIS

C4F0291

<b>Client Sample ID:</b>	SG-16	<b>Collection Date:</b>	06/05/2024 10:43
<b>Sample Matrix:</b>	Air		
<b>Lab Sample ID:</b>	C4F0291-16		

Volatiles Organic Compounds by GCMS	Result	RL	Units	DF	Note	Prepared	Analyzed	Analyst
Methyl chloride	<4.1	4.1	ug/m3	1		06/10/24 1040	06/11/24 0030	JLN
Methylene chloride	<17	17	ug/m3	1		06/10/24 1040	06/11/24 0030	JLN
Methyl Methacrylate	<4.1	4.1	ug/m3	1		06/10/24 1040	06/11/24 0030	JLN
4-Methyl-2-pentanone	<20	20	ug/m3	1		06/10/24 1040	06/11/24 0030	JLN
Naphthalene	<5.2	5.2	ug/m3	1		06/10/24 1040	06/11/24 0030	JLN
Propylene	<b>14</b>	1.7	ug/m3	1		06/10/24 1040	06/11/24 0030	JLN
Styrene	<2.1	2.1	ug/m3	1		06/10/24 1040	06/11/24 0030	JLN
1,1,2,2-Tetrachloroethane	<3.4	3.4	ug/m3	1		06/10/24 1040	06/11/24 0030	JLN
Tetrachloroethylene	<b>21</b>	3.4	ug/m3	1		06/10/24 1040	06/11/24 0030	JLN
Tetrahydrofuran	<1.5	1.5	ug/m3	1		06/10/24 1040	06/11/24 0030	JLN
Toluene	<b>6.3</b>	1.9	ug/m3	1		06/10/24 1040	06/11/24 0030	JLN
1,2,4-Trichlorobenzene	<15	15	ug/m3	1		06/10/24 1040	06/11/24 0030	JLN
1,1,1-Trichloroethane	<2.7	2.7	ug/m3	1		06/10/24 1040	06/11/24 0030	JLN
1,1,2-Trichloroethane	<2.7	2.7	ug/m3	1		06/10/24 1040	06/11/24 0030	JLN
Trichloroethene	<1.3	1.3	ug/m3	1		06/10/24 1040	06/11/24 0030	JLN
Trichlorofluoromethane	<b>24</b>	2.8	ug/m3	1		06/10/24 1040	06/11/24 0030	JLN
1,1,2-Trichloro-1,2,2-trifluoroethane	<3.8	3.8	ug/m3	1		06/10/24 1040	06/11/24 0030	JLN
1,3,5-Trimethylbenzene	<b>3.4</b>	2.5	ug/m3	1		06/10/24 1040	06/11/24 0030	JLN
1,2,4-Trimethylbenzene	<b>15</b>	2.5	ug/m3	1		06/10/24 1040	06/11/24 0030	JLN
Vinyl acetate	<7.0	7.0	ug/m3	1		06/10/24 1040	06/11/24 0030	JLN
Vinyl chloride	<1.3	1.3	ug/m3	1		06/10/24 1040	06/11/24 0030	JLN
o-Xylene	<b>4.6</b>	2.2	ug/m3	1		06/10/24 1040	06/11/24 0030	JLN
m&p-xylene	<b>11</b>	4.3	ug/m3	1		06/10/24 1040	06/11/24 0030	JLN
Surrogate: 4-Bromofluorobenzene	112	Limit: 77.7-127	% Rec	1		06/10/24 1040	06/11/24 0030	JLN





Microbac Laboratories, Inc. - Chicagoland

CERTIFICATE OF ANALYSIS

C4F0291

<b>Client Sample ID:</b> FD-1	
<b>Sample Matrix:</b> Air	
<b>Lab Sample ID:</b> C4F0291-17	
	<b>Collection Date:</b> 06/05/2024 13:05

Volatil Organic Compounds by GCMS	Result	RL	Units	DF	Note	Prepared	Analyzed	Analyst
<b>EPA TO-15/EPA TO-15</b>								
Acetone	19	4.7	ug/m3	1		06/10/24 1040	06/10/24 1517	JLN
Acrolein	<1.1	1.1	ug/m3	1		06/10/24 1040	06/10/24 1517	JLN
Benzene	<1.6	1.6	ug/m3	1		06/10/24 1040	06/10/24 1517	JLN
Benzyl chloride	<2.6	2.6	ug/m3	1		06/10/24 1040	06/10/24 1517	JLN
Bromodichloromethane	<3.3	3.3	ug/m3	1		06/10/24 1040	06/10/24 1517	JLN
Bromoform	<5.2	5.2	ug/m3	1		06/10/24 1040	06/10/24 1517	JLN
1,3-Butadiene	<1.1	1.1	ug/m3	1		06/10/24 1040	06/10/24 1517	JLN
2-Butanone	<5.9	5.9	ug/m3	1		06/10/24 1040	06/10/24 1517	JLN
tert-Butyl alcohol	<3.0	3.0	ug/m3	1		06/10/24 1040	06/10/24 1517	JLN
Carbon disulfide	<3.1	3.1	ug/m3	1		06/10/24 1040	06/10/24 1517	JLN
Carbon tetrachloride	<3.1	3.1	ug/m3	1		06/10/24 1040	06/10/24 1517	JLN
Chlorobenzene	<2.3	2.3	ug/m3	1		06/10/24 1040	06/10/24 1517	JLN
Chlorodibromomethane	<4.3	4.3	ug/m3	1		06/10/24 1040	06/10/24 1517	JLN
Chloroethane	<1.3	1.3	ug/m3	1		06/10/24 1040	06/10/24 1517	JLN
Chloroform	<2.4	2.4	ug/m3	1		06/10/24 1040	06/10/24 1517	JLN
Cyclohexane	<1.7	1.7	ug/m3	1		06/10/24 1040	06/10/24 1517	JLN
1,2-Dibromoethane	<3.8	3.8	ug/m3	1		06/10/24 1040	06/10/24 1517	JLN
1,3-Dichlorobenzene	<3.0	3.0	ug/m3	1		06/10/24 1040	06/10/24 1517	JLN
1,4-Dichlorobenzene	<3.0	3.0	ug/m3	1		06/10/24 1040	06/10/24 1517	JLN
1,2-Dichlorobenzene	<3.0	3.0	ug/m3	1		06/10/24 1040	06/10/24 1517	JLN
Dichlorodifluoromethane	4.3	2.5	ug/m3	1		06/10/24 1040	06/10/24 1517	JLN
1,1-Dichloroethane	<2.0	2.0	ug/m3	1		06/10/24 1040	06/10/24 1517	JLN
1,2-Dichloroethane	<2.0	2.0	ug/m3	1		06/10/24 1040	06/10/24 1517	JLN
1,1-Dichloroethene	<2.0	2.0	ug/m3	1		06/10/24 1040	06/10/24 1517	JLN
cis-1,2-Dichloroethylene	<2.0	2.0	ug/m3	1		06/10/24 1040	06/10/24 1517	JLN
trans-1,2-Dichloroethylene	<2.0	2.0	ug/m3	1		06/10/24 1040	06/10/24 1517	JLN
1,2-Dichloropropane	<2.3	2.3	ug/m3	1		06/10/24 1040	06/10/24 1517	JLN
cis-1,3-Dichloropropylene	<2.3	2.3	ug/m3	1		06/10/24 1040	06/10/24 1517	JLN
trans-1,3-Dichloropropylene	<2.3	2.3	ug/m3	1		06/10/24 1040	06/10/24 1517	JLN
1,2-Dichloro-1,1,2,2-tetrafluoroethane	<3.5	3.5	ug/m3	1		06/10/24 1040	06/10/24 1517	JLN
1,4-Dioxane	<7.2	7.2	ug/m3	1		06/10/24 1040	06/10/24 1517	JLN
Ethyl acetate	<1.8	1.8	ug/m3	1		06/10/24 1040	06/10/24 1517	JLN
Ethylbenzene	4.1	2.2	ug/m3	1		06/10/24 1040	06/10/24 1517	JLN
4-Ethyltoluene	4.1	2.5	ug/m3	1		06/10/24 1040	06/10/24 1517	JLN
n-Heptane	2.1	2.0	ug/m3	1		06/10/24 1040	06/10/24 1517	JLN
Hexachlorobutadiene	<21	21	ug/m3	1		06/10/24 1040	06/10/24 1517	JLN
Hexane	<18	18	ug/m3	1		06/10/24 1040	06/10/24 1517	JLN
2-Hexanone	<8.2	8.2	ug/m3	1		06/10/24 1040	06/10/24 1517	JLN
Isopropyl alcohol	<4.9	4.9	ug/m3	1		06/10/24 1040	06/10/24 1517	JLN
Isopropylbenzene	<2.5	2.5	ug/m3	1		06/10/24 1040	06/10/24 1517	JLN
Methyl bromide	<1.9	1.9	ug/m3	1		06/10/24 1040	06/10/24 1517	JLN
Methyl tert-butyl ether	<1.8	1.8	ug/m3	1		06/10/24 1040	06/10/24 1517	JLN



Microbac Laboratories, Inc. - Chicagoland

CERTIFICATE OF ANALYSIS

C4F0291

<b>Client Sample ID:</b>	FD-1	<b>Collection Date:</b>	06/05/2024 13:05
<b>Sample Matrix:</b>	Air		
<b>Lab Sample ID:</b>	C4F0291-17		

Volatiles Organic Compounds by GCMS	Result	RL	Units	DF	Note	Prepared	Analyzed	Analyst
Methyl chloride	<4.1	4.1	ug/m3	1		06/10/24 1040	06/10/24 1517	JLN
Methylene chloride	<17	17	ug/m3	1		06/10/24 1040	06/10/24 1517	JLN
Methyl Methacrylate	<4.1	4.1	ug/m3	1		06/10/24 1040	06/10/24 1517	JLN
4-Methyl-2-pentanone	<20	20	ug/m3	1		06/10/24 1040	06/10/24 1517	JLN
Naphthalene	<5.2	5.2	ug/m3	1		06/10/24 1040	06/10/24 1517	JLN
Propylene	<b>4.9</b>	1.7	ug/m3	1		06/10/24 1040	06/10/24 1517	JLN
Styrene	<2.1	2.1	ug/m3	1		06/10/24 1040	06/10/24 1517	JLN
1,1,2,2-Tetrachloroethane	<3.4	3.4	ug/m3	1		06/10/24 1040	06/10/24 1517	JLN
Tetrachloroethylene	<b>190</b>	17	ug/m3	5		06/10/24 1040	06/10/24 1558	JLN
Tetrahydrofuran	<1.5	1.5	ug/m3	1		06/10/24 1040	06/10/24 1517	JLN
Toluene	<b>12</b>	1.9	ug/m3	1		06/10/24 1040	06/10/24 1517	JLN
1,2,4-Trichlorobenzene	<15	15	ug/m3	1		06/10/24 1040	06/10/24 1517	JLN
1,1,1-Trichloroethane	<2.7	2.7	ug/m3	1		06/10/24 1040	06/10/24 1517	JLN
1,1,2-Trichloroethane	<2.7	2.7	ug/m3	1		06/10/24 1040	06/10/24 1517	JLN
Trichloroethene	<1.3	1.3	ug/m3	1		06/10/24 1040	06/10/24 1517	JLN
Trichlorofluoromethane	<b>12</b>	2.8	ug/m3	1		06/10/24 1040	06/10/24 1517	JLN
1,1,2-Trichloro-1,2,2-trifluoroethane	<3.8	3.8	ug/m3	1		06/10/24 1040	06/10/24 1517	JLN
1,3,5-Trimethylbenzene	<b>4.3</b>	2.5	ug/m3	1		06/10/24 1040	06/10/24 1517	JLN
1,2,4-Trimethylbenzene	<b>18</b>	2.5	ug/m3	1		06/10/24 1040	06/10/24 1517	JLN
Vinyl acetate	<7.0	7.0	ug/m3	1		06/10/24 1040	06/10/24 1517	JLN
Vinyl chloride	<1.3	1.3	ug/m3	1		06/10/24 1040	06/10/24 1517	JLN
o-Xylene	<b>7.2</b>	2.2	ug/m3	1		06/10/24 1040	06/10/24 1517	JLN
m&p-xylene	<b>17</b>	4.3	ug/m3	1		06/10/24 1040	06/10/24 1517	JLN
Surrogate: 4-Bromofluorobenzene	107	Limit: 77.7-127	% Rec	5		06/10/24 1040	06/10/24 1558	JLN
Surrogate: 4-Bromofluorobenzene	110	Limit: 77.7-127	% Rec	1		06/10/24 1040	06/10/24 1517	JLN



Microbac Laboratories, Inc. - Chicagoland

CERTIFICATE OF ANALYSIS

C4F0291

Batch Log Summary

Method	Batch	Laboratory ID	Client / Source ID
EPA TO-15	B246504	B246504-BS1	
		B246504-BSD1	
		B246504-BLK1	
		C4F0291-01	SG-1
		C4F0291-02	SG-2
		C4F0291-03	SG-3
		C4F0291-04	SG-4
		C4F0291-05	SG-5
		C4F0291-06	SG-6
		C4F0291-07	SG-7
		C4F0291-08	SG-8
		C4F0291-09	SG-9
		C4F0291-10	SG-10
		C4F0291-11	SG-11
		C4F0291-12	SG-12
		C4F0291-13	SG-13
		C4F0291-14	SG-14
C4F0291-14RE1	SG-14		
B246504-DUP1	C4F0291-14RE1		

Method	Batch	Laboratory ID	Client / Source ID
EPA TO-15	B246698	B246698-BS1	
		B246698-BSD1	
		B246698-BLK1	
		C4F0291-01RE1	SG-1
		B246698-DUP1	C4F0291-01RE1
		C4F0291-02RE1	SG-2
		C4F0291-03RE1	SG-3
		C4F0291-04RE1	SG-4
		C4F0291-05RE1	SG-5

Method	Batch	Laboratory ID	Client / Source ID
EPA TO-15	B246704	B246704-BS1	
		B246704-BSD1	
		B246704-BLK1	
		C4F0291-15	SG-15
		C4F0291-17	FD-1
		C4F0291-17RE1	FD-1
		B246704-DUP1	C4F0291-17RE1
C4F0291-06RE1	SG-6		



Microbac Laboratories, Inc. - Chicagoland

CERTIFICATE OF ANALYSIS

C4F0291

EPA TO-15	B246704	C4F0291-07RE1	SG-7
		C4F0291-08RE1	SG-8
		C4F0291-09RE1	SG-9
		C4F0291-10RE1	SG-10
		C4F0291-11RE1	SG-11
		C4F0291-12RE1	SG-12
		C4F0291-13RE1	SG-13
		C4F0291-15RE1	SG-15
		C4F0291-16	SG-16

Batch Quality Control Summary: Microbac Laboratories, Inc. - Chicagoland

Volatile Organic Compounds by GCMS	Result	RL	Units	Spike Level	Source Result	%REC Limits	RPD	RPD Limit	Notes
<b>Batch B246504 - TO15_PR - EPA TO-15</b>									

Blank (B246504-BLK1)

Prepared: 06/06/2024 10:58 Analyzed: 06/06/2024 13:34

Acetone	<4.7	4.7	ug/m3
Acrolein	<1.1	1.1	ug/m3
Benzene	<1.6	1.6	ug/m3
Benzyl chloride	<2.6	2.6	ug/m3
Bromodichloromethane	<3.3	3.3	ug/m3
Bromoform	<5.1	5.1	ug/m3
1,3-Butadiene	<1.1	1.1	ug/m3
2-Butanone	<5.9	5.9	ug/m3
tert-Butyl alcohol	<3.0	3.0	ug/m3
Carbon disulfide	<3.1	3.1	ug/m3
Carbon tetrachloride	<3.1	3.1	ug/m3
Chlorobenzene	<2.3	2.3	ug/m3
Chlorodibromomethane	<4.2	4.2	ug/m3
Chloroethane	<1.3	1.3	ug/m3
Chloroform	<2.4	2.4	ug/m3
Cyclohexane	<1.7	1.7	ug/m3
1,2-Dibromoethane	<3.8	3.8	ug/m3
1,3-Dichlorobenzene	<3.0	3.0	ug/m3
1,4-Dichlorobenzene	<3.0	3.0	ug/m3
1,2-Dichlorobenzene	<3.0	3.0	ug/m3
Dichlorodifluoromethane	<2.5	2.5	ug/m3
1,1-Dichloroethane	<2.0	2.0	ug/m3
1,2-Dichloroethane	<2.0	2.0	ug/m3
1,1-Dichloroethene	<2.0	2.0	ug/m3
cis-1,2-Dichloroethylene	<2.0	2.0	ug/m3
trans-1,2-Dichloroethylene	<2.0	2.0	ug/m3
1,2-Dichloropropane	<2.3	2.3	ug/m3
cis-1,3-Dichloropropylene	<2.3	2.3	ug/m3
trans-1,3-Dichloropropylene	<2.3	2.3	ug/m3
1,2-Dichloro-1,1,2,2-tetrafluoroethane	<3.5	3.5	ug/m3



Microbac Laboratories, Inc. - Chicagoland

CERTIFICATE OF ANALYSIS

C4F0291

Volatile Organic Compounds by GCMS	Result	RL	Units	Spike Level	Source Result	%REC Limits	RPD	RPD Limit	Notes
<b>Batch B246504 - TO15_PR - EPA TO-15</b>									
<b>Blank (B246504-BLK1)</b>									
					Prepared: 06/06/2024 10:58 Analyzed: 06/06/2024 13:34				
1,4-Dioxane	<7.2	7.2	ug/m3						
Ethyl acetate	<1.8	1.8	ug/m3						
Ethylbenzene	<2.2	2.2	ug/m3						
4-Ethyltoluene	<2.4	2.4	ug/m3						
n-Heptane	<2.0	2.0	ug/m3						
Hexachlorobutadiene	<21	21	ug/m3						
Hexane	<18	18	ug/m3						
2-Hexanone	<8.2	8.2	ug/m3						
Isopropyl alcohol	<4.9	4.9	ug/m3						
Isopropylbenzene	<2.4	2.4	ug/m3						
Methyl bromide	<1.9	1.9	ug/m3						
Methyl tert-butyl ether	<1.8	1.8	ug/m3						
Methyl chloride	<4.1	4.1	ug/m3						
Methylene chloride	<17	17	ug/m3						
Methyl Methacrylate	<4.1	4.1	ug/m3						
4-Methyl-2-pentanone	<20	20	ug/m3						
Naphthalene	<5.2	5.2	ug/m3						
Propylene	<1.7	1.7	ug/m3						
Styrene	<2.1	2.1	ug/m3						
1,1,2,2-Tetrachloroethane	<3.4	3.4	ug/m3						
Tetrachloroethylene	<3.4	3.4	ug/m3						
Tetrahydrofuran	<1.5	1.5	ug/m3						
Toluene	<1.9	1.9	ug/m3						
1,2,4-Trichlorobenzene	<15	15	ug/m3						
1,1,1-Trichloroethane	<2.7	2.7	ug/m3						
1,1,2-Trichloroethane	<2.7	2.7	ug/m3						
Trichloroethene	<1.3	1.3	ug/m3						
Trichlorofluoromethane	<2.8	2.8	ug/m3						
1,1,2-Trichloro-1,2,2-trifluoroethane	<3.8	3.8	ug/m3						
1,3,5-Trimethylbenzene	<2.4	2.4	ug/m3						
1,2,4-Trimethylbenzene	<2.4	2.4	ug/m3						
Vinyl acetate	<7.0	7.0	ug/m3						
Vinyl chloride	<1.3	1.3	ug/m3						
o-Xylene	<2.2	2.2	ug/m3						
m&p-xylene	<4.3	4.3	ug/m3						

Surrogate: 4-Bromofluorobenzene

11

ppbv

10

111

77.7-127

**LCS (B246504-BS1)**

Prepared: 06/06/2024 10:58 Analyzed: 06/06/2024 12:13

Acetone	4.99		ppbv	5.0	99.8	70-130
Acrolein	4.29		ppbv	5.0	85.8	70-130
Benzene	4.58		ppbv	5.0	91.6	70-130
Benzyl chloride	4.46		ppbv	5.0	89.2	70-130
Bromodichloromethane	4.75		ppbv	5.0	95.0	70-130



Microbac Laboratories, Inc. - Chicagoland

CERTIFICATE OF ANALYSIS

C4F0291

Volatile Organic Compounds by GCMS	Result	RL	Units	Spike Level	Source Result	%REC Limits	RPD	RPD Limit	Notes
<b>Batch B246504 - TO15_PR - EPA TO-15</b>									
<b>LCS (B246504-BS1)</b>				Prepared: 06/06/2024 10:58 Analyzed: 06/06/2024 12:13					
Bromoform	4.67		ppbv	5.0		93.4 70-130			
1,3-Butadiene	4.60		ppbv	5.0		92.0 70-130			
2-Butanone	4.75		ppbv	5.0		95.0 70-130			
tert-Butyl alcohol	5.48		ppbv	5.0		110 70-130			
Carbon disulfide	4.98		ppbv	5.0		99.6 70-130			
Carbon tetrachloride	5.04		ppbv	5.0		101 70-130			
Chlorobenzene	4.33		ppbv	5.0		86.6 70-130			
Chlorodibromomethane	4.99		ppbv	5.0		99.8 70-130			
Chloroethane	4.66		ppbv	5.0		93.2 70-130			
Chloroform	4.84		ppbv	5.0		96.8 70-130			
Cyclohexane	4.21		ppbv	5.0		84.2 70-130			
1,2-Dibromoethane	4.62		ppbv	5.0		92.4 70-130			
1,3-Dichlorobenzene	4.72		ppbv	5.0		94.4 70-130			
1,4-Dichlorobenzene	4.64		ppbv	5.0		92.8 70-130			
1,2-Dichlorobenzene	4.55		ppbv	5.0		91.0 70-130			
Dichlorodifluoromethane	5.06		ppbv	5.0		101 70-130			
1,1-Dichloroethane	4.89		ppbv	5.0		97.8 70-130			
1,2-Dichloroethane	5.01		ppbv	5.0		100 70-130			
1,1-Dichloroethene	4.86		ppbv	5.0		97.2 70-130			
cis-1,2-Dichloroethylene	4.68		ppbv	5.0		93.6 70-130			
trans-1,2-Dichloroethylene	4.82		ppbv	5.0		96.4 70-130			
1,2-Dichloropropane	4.77		ppbv	5.0		95.4 70-130			
cis-1,3-Dichloropropylene	4.63		ppbv	5.0		92.6 70-130			
trans-1,3-Dichloropropylene	4.69		ppbv	5.0		93.8 70-130			
1,2-Dichloro-1,1,2,2-tetrafluoroethane	4.55		ppbv	5.0		91.0 70-130			
1,4-Dioxane	4.95		ppbv	5.0		99.0 70-130			
Ethyl acetate	4.50		ppbv	5.0		90.0 70-130			
Ethylbenzene	4.13		ppbv	5.0		82.6 70-130			
4-Ethyltoluene	4.29		ppbv	5.0		85.8 70-130			
n-Heptane	4.62		ppbv	5.0		92.4 70-130			
Hexachlorobutadiene	4.69		ppbv	5.0		93.8 70-130			
Hexane	4.56		ppbv	5.0		91.2 70-130			
2-Hexanone	4.69		ppbv	5.0		93.8 70-130			
Isopropyl alcohol	4.93		ppbv	5.0		98.6 70-130			
Isopropylbenzene	3.93		ppbv	5.0		78.6 70-130			
Methyl bromide	4.78		ppbv	5.0		95.6 70-130			
Methyl tert-butyl ether	4.78		ppbv	5.0		95.6 70-130			
Methyl chloride	4.48		ppbv	5.0		89.6 70-130			
Methylene chloride	4.80		ppbv	5.0		96.0 70-130			
Methyl Methacrylate	4.59		ppbv	5.0		91.8 70-130			
4-Methyl-2-pentanone	4.75		ppbv	5.0		95.0 70-130			
Naphthalene	4.13		ppbv	5.0		82.6 70-130			



Microbac Laboratories, Inc. - Chicagoland

CERTIFICATE OF ANALYSIS

C4F0291

Volatile Organic Compounds by GCMS	Result	RL	Units	Spike Level	Source Result	%REC Limits	RPD	RPD Limit	Notes
<b>Batch B246504 - TO15_PR - EPA TO-15</b>									
<b>LCS (B246504-BS1)</b>									
				Prepared: 06/06/2024 10:58 Analyzed: 06/06/2024 12:13					
Propylene	4.66		ppbv	5.0		93.2 70-130			
Styrene	4.00		ppbv	5.0		80.0 70-130			
1,1,2,2-Tetrachloroethane	4.40		ppbv	5.0		88.0 70-130			
Tetrachloroethylene	4.74		ppbv	5.0		94.8 70-130			
Tetrahydrofuran	4.61		ppbv	5.0		92.2 70-130			
Toluene	4.53		ppbv	5.0		90.6 70-130			
1,2,4-Trichlorobenzene	4.01		ppbv	5.0		80.2 70-130			
1,1,1-Trichloroethane	4.84		ppbv	5.0		96.8 70-130			
1,1,2-Trichloroethane	4.64		ppbv	5.0		92.8 70-130			
Trichloroethene	4.67		ppbv	5.0		93.4 70-130			
Trichlorofluoromethane	5.15		ppbv	5.0		103 70-130			
1,1,2-Trichloro-1,2,2-trifluoroethane	5.02		ppbv	5.0		100 70-130			
1,3,5-Trimethylbenzene	4.43		ppbv	5.0		88.6 70-130			
1,2,4-Trimethylbenzene	4.12		ppbv	5.0		82.4 70-130			
Vinyl acetate	4.08		ppbv	5.0		81.6 70-130			
Vinyl chloride	4.70		ppbv	5.0		94.0 70-130			
o-Xylene	4.35		ppbv	5.0		87.0 70-130			
m&p-xylene	8.77		ppbv	10		87.7 70-130			

Surrogate: 4-Bromofluorobenzene 12 ppbv 10 118 77.7-127

<b>LCS Dup (B246504-BSD1)</b>									
				Prepared: 06/06/2024 10:58 Analyzed: 06/06/2024 12:50					
Acetone	4.92		ppbv	5.0		98.4 70-130	1.41	25	
Acrolein	4.13		ppbv	5.0		82.6 70-130	3.80	25	
Benzene	4.57		ppbv	5.0		91.4 70-130	0.219	25	
Benzyl chloride	4.51		ppbv	5.0		90.2 70-130	1.11	25	
Bromodichloromethane	4.71		ppbv	5.0		94.2 70-130	0.846	25	
Bromoform	4.61		ppbv	5.0		92.2 70-130	1.29	25	
1,3-Butadiene	4.53		ppbv	5.0		90.6 70-130	1.53	25	
2-Butanone	4.58		ppbv	5.0		91.6 70-130	3.64	25	
tert-Butyl alcohol	5.43		ppbv	5.0		109 70-130	0.917	25	
Carbon disulfide	4.97		ppbv	5.0		99.4 70-130	0.201	25	
Carbon tetrachloride	5.03		ppbv	5.0		101 70-130	0.199	25	
Chlorobenzene	4.30		ppbv	5.0		86.0 70-130	0.695	25	
Chlorodibromomethane	4.95		ppbv	5.0		99.0 70-130	0.805	25	
Chloroethane	4.64		ppbv	5.0		92.8 70-130	0.430	25	
Chloroform	4.81		ppbv	5.0		96.2 70-130	0.622	25	
Cyclohexane	4.16		ppbv	5.0		83.2 70-130	1.19	25	
1,2-Dibromoethane	4.58		ppbv	5.0		91.6 70-130	0.870	25	
1,3-Dichlorobenzene	4.65		ppbv	5.0		93.0 70-130	1.49	25	
1,4-Dichlorobenzene	4.62		ppbv	5.0		92.4 70-130	0.432	25	
1,2-Dichlorobenzene	4.54		ppbv	5.0		90.8 70-130	0.220	25	
Dichlorodifluoromethane	4.98		ppbv	5.0		99.6 70-130	1.59	25	
1,1-Dichloroethane	4.85		ppbv	5.0		97.0 70-130	0.821	25	



Microbac Laboratories, Inc. - Chicagoland

CERTIFICATE OF ANALYSIS

C4F0291

Volatile Organic Compounds by GCMS	Result	RL	Units	Spike Level	Source Result	%REC Limits	RPD	RPD Limit	Notes
<b>Batch B246504 - TO15_PR - EPA TO-15</b>									
<b>LCS Dup (B246504-BSD1)</b>				Prepared: 06/06/2024 10:58 Analyzed: 06/06/2024 12:50					
1,2-Dichloroethane	4.95		ppbv	5.0		99.0 70-130	1.20	25	
1,1-Dichloroethene	4.79		ppbv	5.0		95.8 70-130	1.45	25	
cis-1,2-Dichloroethylene	4.66		ppbv	5.0		93.2 70-130	0.428	25	
trans-1,2-Dichloroethylene	4.75		ppbv	5.0		95.0 70-130	1.46	25	
1,2-Dichloropropane	4.67		ppbv	5.0		93.4 70-130	2.12	25	
cis-1,3-Dichloropropylene	4.60		ppbv	5.0		92.0 70-130	0.650	25	
trans-1,3-Dichloropropylene	4.67		ppbv	5.0		93.4 70-130	0.427	25	
1,2-Dichloro-1,1,2,2-tetrafluoroethane	4.52		ppbv	5.0		90.4 70-130	0.662	25	
1,4-Dioxane	5.06		ppbv	5.0		101 70-130	2.20	25	
Ethyl acetate	4.30		ppbv	5.0		86.0 70-130	4.55	25	
Ethylbenzene	4.08		ppbv	5.0		81.6 70-130	1.22	25	
4-Ethyltoluene	4.25		ppbv	5.0		85.0 70-130	0.937	25	
n-Heptane	4.58		ppbv	5.0		91.6 70-130	0.870	25	
Hexachlorobutadiene	4.70		ppbv	5.0		94.0 70-130	0.213	25	
Hexane	4.51		ppbv	5.0		90.2 70-130	1.10	25	
2-Hexanone	4.66		ppbv	5.0		93.2 70-130	0.642	25	
Isopropyl alcohol	4.97		ppbv	5.0		99.4 70-130	0.808	25	
Isopropylbenzene	3.94		ppbv	5.0		78.8 70-130	0.254	25	
Methyl bromide	4.62		ppbv	5.0		92.4 70-130	3.40	25	
Methyl tert-butyl ether	4.77		ppbv	5.0		95.4 70-130	0.209	25	
Methyl chloride	4.53		ppbv	5.0		90.6 70-130	1.11	25	
Methylene chloride	4.76		ppbv	5.0		95.2 70-130	0.837	25	
Methyl Methacrylate	4.52		ppbv	5.0		90.4 70-130	1.54	25	
4-Methyl-2-pentanone	4.76		ppbv	5.0		95.2 70-130	0.210	25	
Naphthalene	4.10		ppbv	5.0		82.0 70-130	0.729	25	
Propylene	4.71		ppbv	5.0		94.2 70-130	1.07	25	
Styrene	4.07		ppbv	5.0		81.4 70-130	1.73	25	
1,1,2,2-Tetrachloroethane	4.43		ppbv	5.0		88.6 70-130	0.679	25	
Tetrachloroethylene	4.71		ppbv	5.0		94.2 70-130	0.635	25	
Tetrahydrofuran	4.53		ppbv	5.0		90.6 70-130	1.75	25	
Toluene	4.44		ppbv	5.0		88.8 70-130	2.01	25	
1,2,4-Trichlorobenzene	3.98		ppbv	5.0		79.6 70-130	0.751	25	
1,1,1-Trichloroethane	4.79		ppbv	5.0		95.8 70-130	1.04	25	
1,1,2-Trichloroethane	4.55		ppbv	5.0		91.0 70-130	1.96	25	
Trichloroethene	4.69		ppbv	5.0		93.8 70-130	0.427	25	
Trichlorofluoromethane	5.07		ppbv	5.0		101 70-130	1.57	25	
1,1,2-Trichloro-1,2,2-trifluoroethane	4.91		ppbv	5.0		98.2 70-130	2.22	25	
1,3,5-Trimethylbenzene	4.31		ppbv	5.0		86.2 70-130	2.75	25	
1,2,4-Trimethylbenzene	4.12		ppbv	5.0		82.4 70-130	0.00	25	
Vinyl acetate	4.11		ppbv	5.0		82.2 70-130	0.733	25	
Vinyl chloride	4.63		ppbv	5.0		92.6 70-130	1.50	25	
o-Xylene	4.42		ppbv	5.0		88.4 70-130	1.60	25	





Microbac Laboratories, Inc. - Chicagoland

CERTIFICATE OF ANALYSIS

C4F0291

Volatile Organic Compounds by GCMS	Result	RL	Units	Spike Level	Source Result	%REC Limits	RPD	RPD Limit	Notes
<b>Batch B246504 - TO15_PR - EPA TO-15</b>									
<b>LCS Dup (B246504-BSD1)</b>					Prepared: 06/06/2024 10:58 Analyzed: 06/06/2024 12:50				
m&p-xylene	8.62		ppbv	10		86.2 70-130	1.73	25	
Surrogate: 4-Bromofluorobenzene	12		ppbv	10		118 77.7-127			
<b>Duplicate (B246504-DUP1)</b>					Source: C4F0291-14RE1 Prepared: 06/06/2024 10:58 Analyzed: 06/07/2024 09:34				
Acetone	277	47	ug/m3		267		3.71	20	
Acrolein	<11	11	ug/m3		ND			20	
Benzene	<16	16	ug/m3		12.7		1.57	20	
Benzyl chloride	<26	26	ug/m3		ND			20	
Bromodichloromethane	<33	33	ug/m3		ND			20	
Bromoform	<51	51	ug/m3		ND			20	
1,3-Butadiene	<11	11	ug/m3		ND			20	
2-Butanone	<58	58	ug/m3		25.5		1.86	20	
tert-Butyl alcohol	<30	30	ug/m3		9.73		1.57	20	
Carbon disulfide	44.6	31	ug/m3		46.7		4.45	20	
Carbon tetrachloride	<31	31	ug/m3		ND			20	
Chlorobenzene	<23	23	ug/m3		ND			20	
Chlorodibromomethane	<42	42	ug/m3		ND			20	
Chloroethane	<13	13	ug/m3		ND			20	
Chloroform	<24	24	ug/m3		ND			20	
Cyclohexane	<17	17	ug/m3		14.1		3.31	20	
1,2-Dibromoethane	<38	38	ug/m3		ND			20	
1,3-Dichlorobenzene	<30	30	ug/m3		ND			20	
1,4-Dichlorobenzene	<30	30	ug/m3		ND			20	
1,2-Dichlorobenzene	<30	30	ug/m3		ND			20	
Dichlorodifluoromethane	<24	24	ug/m3		3.37		13.8	20	
1,1-Dichloroethane	<20	20	ug/m3		ND			20	
1,2-Dichloroethane	<20	20	ug/m3		ND			20	
1,1-Dichloroethene	<20	20	ug/m3		ND			20	
cis-1,2-Dichloroethylene	<20	20	ug/m3		ND			20	
trans-1,2-Dichloroethylene	<20	20	ug/m3		ND			20	
1,2-Dichloropropane	<23	23	ug/m3		ND			20	
cis-1,3-Dichloropropylene	<22	22	ug/m3		ND			20	
trans-1,3-Dichloropropylene	<22	22	ug/m3		ND			20	
1,2-Dichloro-1,1,2,2-tetrafluoroethane	<35	35	ug/m3		ND			20	
1,4-Dioxane	<71	71	ug/m3		ND			20	
Ethyl acetate	<18	18	ug/m3		ND			20	
Ethylbenzene	<21	21	ug/m3		9.72		1.57	20	
4-Ethyltoluene	<24	24	ug/m3		ND		1.57	20	
n-Heptane	163	20	ug/m3		156		4.34	20	
Hexachlorobutadiene	<210	210	ug/m3		ND			20	
Hexane	385	18	ug/m3		360		6.68	20	
2-Hexanone	<81	81	ug/m3		ND			20	



Microbac Laboratories, Inc. - Chicagoland

CERTIFICATE OF ANALYSIS

C4F0291

Volatile Organic Compounds by GCMS	Result	RL	Units	Spike Level	Source Result	%REC Limits	RPD	RPD Limit	Notes
<b>Batch B246504 - TO15_PR - EPA TO-15</b>									
<b>Duplicate (B246504-DUP1)</b>									
Source: C4F0291-14RE1 Prepared: 06/06/2024 10:58 Analyzed: 06/07/2024 09:34									
Isopropyl alcohol	<49	49	ug/m3		ND			20	
Isopropylbenzene	<24	24	ug/m3		ND			20	
Methyl bromide	<19	19	ug/m3		ND			20	
Methyl tert-butyl ether	<18	18	ug/m3		ND			20	
Methyl chloride	<41	41	ug/m3		ND			20	
Methylene chloride	<69	69	ug/m3		7.77		7.52	20	
Methyl Methacrylate	<40	40	ug/m3		ND			20	
4-Methyl-2-pentanone	<200	200	ug/m3		5.58		1.57	20	
Naphthalene	<52	52	ug/m3		4.59		10.2	20	
Propylene	156	17	ug/m3		146		6.26	20	
Styrene	<21	21	ug/m3		ND			20	
1,1,2,2-Tetrachloroethane	<34	34	ug/m3		ND			20	
Tetrachloroethylene	85.1	34	ug/m3		81.8		3.96	20	
Tetrahydrofuran	<15	15	ug/m3		ND			20	
Toluene	32.4	19	ug/m3		32.6		0.704	20	
1,2,4-Trichlorobenzene	<150	150	ug/m3		7.22		8.96	20	
1,1,1-Trichloroethane	<27	27	ug/m3		ND			20	
1,1,2-Trichloroethane	<27	27	ug/m3		ND			20	
Trichloroethene	<13	13	ug/m3		12.0		2.88	20	
Trichlorofluoromethane	<28	28	ug/m3		ND			20	
1,1,2-Trichloro-1,2,2-trifluoroethane	<38	38	ug/m3		ND			20	
1,3,5-Trimethylbenzene	<24	24	ug/m3		5.26		1.57	20	
1,2,4-Trimethylbenzene	<24	24	ug/m3		16.3		4.47	20	
Vinyl acetate	<70	70	ug/m3		ND			20	
Vinyl chloride	<13	13	ug/m3		ND			20	
o-Xylene	<21	21	ug/m3		9.72		1.57	20	
m&p-xylene	<43	43	ug/m3		22.8		8.71	20	

Surrogate: 4-Bromofluorobenzene 9.9 ppbv 10 99.1 77.7-127

Batch B246698 - TO15\_PR - EPA TO-15

Blank (B246698-BLK1)

Prepared: 06/07/2024 10:30 Analyzed: 06/07/2024 13:21

Acetone	<4.7	4.7	ug/m3						
Acrolein	<1.1	1.1	ug/m3						
Benzene	<1.6	1.6	ug/m3						
Benzyl chloride	<2.6	2.6	ug/m3						
Bromodichloromethane	<3.3	3.3	ug/m3						
Bromoform	<5.2	5.2	ug/m3						
1,3-Butadiene	<1.1	1.1	ug/m3						
2-Butanone	<5.9	5.9	ug/m3						
tert-Butyl alcohol	<3.0	3.0	ug/m3						
Carbon disulfide	<3.1	3.1	ug/m3						
Carbon tetrachloride	<3.1	3.1	ug/m3						



Microbac Laboratories, Inc. - Chicagoland

CERTIFICATE OF ANALYSIS

C4F0291

Volatile Organic Compounds by GCMS	Result	RL	Units	Spike Level	Source Result	%REC Limits	RPD	RPD Limit	Notes
<b>Batch B246698 - TO15_PR - EPA TO-15</b>									
<b>Blank (B246698-BLK1)</b>				Prepared: 06/07/2024 10:30 Analyzed: 06/07/2024 13:21					
Chlorobenzene	<2.3	2.3	ug/m3						
Chlorodibromomethane	<4.2	4.2	ug/m3						
Chloroethane	<1.3	1.3	ug/m3						
Chloroform	<2.4	2.4	ug/m3						
Cyclohexane	<1.7	1.7	ug/m3						
1,2-Dibromoethane	<3.8	3.8	ug/m3						
1,3-Dichlorobenzene	<3.0	3.0	ug/m3						
1,4-Dichlorobenzene	<3.0	3.0	ug/m3						
1,2-Dichlorobenzene	<3.0	3.0	ug/m3						
Dichlorodifluoromethane	<2.5	2.5	ug/m3						
1,1-Dichloroethane	<2.0	2.0	ug/m3						
1,2-Dichloroethane	<2.0	2.0	ug/m3						
1,1-Dichloroethene	<2.0	2.0	ug/m3						
cis-1,2-Dichloroethylene	<2.0	2.0	ug/m3						
trans-1,2-Dichloroethylene	<2.0	2.0	ug/m3						
1,2-Dichloropropane	<2.3	2.3	ug/m3						
cis-1,3-Dichloropropylene	<2.3	2.3	ug/m3						
trans-1,3-Dichloropropylene	<2.3	2.3	ug/m3						
1,2-Dichloro-1,1,2,2-tetrafluoroethane	<3.5	3.5	ug/m3						
1,4-Dioxane	<7.2	7.2	ug/m3						
Ethyl acetate	<1.8	1.8	ug/m3						
Ethylbenzene	<2.2	2.2	ug/m3						
4-Ethyltoluene	<2.5	2.5	ug/m3						
n-Heptane	<2.0	2.0	ug/m3						
Hexachlorobutadiene	<21	21	ug/m3						
Hexane	<18	18	ug/m3						
2-Hexanone	<8.2	8.2	ug/m3						
Isopropyl alcohol	<4.9	4.9	ug/m3						
Isopropylbenzene	<2.5	2.5	ug/m3						
Methyl bromide	<1.9	1.9	ug/m3						
Methyl tert-butyl ether	<1.8	1.8	ug/m3						
Methyl chloride	<4.1	4.1	ug/m3						
Methylene chloride	<17	17	ug/m3						
Methyl Methacrylate	<4.1	4.1	ug/m3						
4-Methyl-2-pentanone	<20	20	ug/m3						
Naphthalene	<5.2	5.2	ug/m3						
Propylene	<1.7	1.7	ug/m3						
Styrene	<2.1	2.1	ug/m3						
1,1,2,2-Tetrachloroethane	<3.4	3.4	ug/m3						
Tetrachloroethylene	<3.4	3.4	ug/m3						
Tetrahydrofuran	<1.5	1.5	ug/m3						
Toluene	<1.9	1.9	ug/m3						



Microbac Laboratories, Inc. - Chicagoland

CERTIFICATE OF ANALYSIS

C4F0291

Volatile Organic Compounds by GCMS	Result	RL	Units	Spike Level	Source Result	%REC Limits	RPD	RPD Limit	Notes
<b>Batch B246698 - TO15_PR - EPA TO-15</b>									
<b>Blank (B246698-BLK1)</b>				Prepared: 06/07/2024 10:30 Analyzed: 06/07/2024 13:21					
1,2,4-Trichlorobenzene	<15	15	ug/m3						
1,1,1-Trichloroethane	<2.7	2.7	ug/m3						
1,1,2-Trichloroethane	<2.7	2.7	ug/m3						
Trichloroethene	<1.3	1.3	ug/m3						
Trichlorofluoromethane	<2.8	2.8	ug/m3						
1,1,2-Trichloro-1,2,2-trifluoroethane	<3.8	3.8	ug/m3						
1,3,5-Trimethylbenzene	<2.5	2.5	ug/m3						
1,2,4-Trimethylbenzene	<2.5	2.5	ug/m3						
Vinyl acetate	<7.0	7.0	ug/m3						
Vinyl chloride	<1.3	1.3	ug/m3						
o-Xylene	<2.2	2.2	ug/m3						
m&p-xylene	<4.3	4.3	ug/m3						

Surrogate: 4-Bromofluorobenzene 11 ppbv 10 110 77.7-127

<b>LCS (B246698-BS1)</b>				Prepared: 06/07/2024 10:30 Analyzed: 06/07/2024 11:46					
Acetone	4.48		ppbv	5.0		89.6	70-130		
Acrolein	4.24		ppbv	5.0		84.8	70-130		
Benzene	4.72		ppbv	5.0		94.4	70-130		
Benzyl chloride	4.27		ppbv	5.0		85.4	70-130		
Bromodichloromethane	4.36		ppbv	5.0		87.2	70-130		
Bromoform	4.22		ppbv	5.0		84.4	70-130		
1,3-Butadiene	4.44		ppbv	5.0		88.8	70-130		
2-Butanone	4.67		ppbv	5.0		93.4	70-130		
tert-Butyl alcohol	5.16		ppbv	5.0		103	70-130		
Carbon disulfide	5.11		ppbv	5.0		102	70-130		
Carbon tetrachloride	4.50		ppbv	5.0		90.0	70-130		
Chlorobenzene	4.34		ppbv	5.0		86.8	70-130		
Chlorodibromomethane	4.67		ppbv	5.0		93.4	70-130		
Chloroethane	4.59		ppbv	5.0		91.8	70-130		
Chloroform	4.62		ppbv	5.0		92.4	70-130		
Cyclohexane	4.45		ppbv	5.0		89.0	70-130		
1,2-Dibromoethane	4.64		ppbv	5.0		92.8	70-130		
1,3-Dichlorobenzene	4.48		ppbv	5.0		89.6	70-130		
1,4-Dichlorobenzene	4.41		ppbv	5.0		88.2	70-130		
1,2-Dichlorobenzene	4.46		ppbv	5.0		89.2	70-130		
Dichlorodifluoromethane	4.25		ppbv	5.0		85.0	70-130		
1,1-Dichloroethane	4.84		ppbv	5.0		96.8	70-130		
1,2-Dichloroethane	4.43		ppbv	5.0		88.6	70-130		
1,1-Dichloroethene	5.01		ppbv	5.0		100	70-130		
cis-1,2-Dichloroethylene	5.17		ppbv	5.0		103	70-130		
trans-1,2-Dichloroethylene	4.95		ppbv	5.0		99.0	70-130		
1,2-Dichloropropane	4.62		ppbv	5.0		92.4	70-130		
cis-1,3-Dichloropropylene	4.64		ppbv	5.0		92.8	70-130		



Microbac Laboratories, Inc. - Chicagoland

CERTIFICATE OF ANALYSIS

C4F0291

Volatile Organic Compounds by GCMS	Result	RL	Units	Spike Level	Source Result	%REC Limits	RPD	RPD Limit	Notes
<b>Batch B246698 - TO15_PR - EPA TO-15</b>									
<b>LCS (B246698-BS1)</b>				Prepared: 06/07/2024 10:30 Analyzed: 06/07/2024 11:46					
trans-1,3-Dichloropropylene	4.56		ppbv	5.0		91.2 70-130			
1,2-Dichloro-1,1,2,2-tetrafluoroethane	4.23		ppbv	5.0		84.6 70-130			
1,4-Dioxane	5.19		ppbv	5.0		104 70-130			
Ethyl acetate	4.83		ppbv	5.0		96.6 70-130			
Ethylbenzene	4.21		ppbv	5.0		84.2 70-130			
4-Ethyltoluene	4.33		ppbv	5.0		86.6 70-130			
n-Heptane	4.53		ppbv	5.0		90.6 70-130			
Hexachlorobutadiene	4.26		ppbv	5.0		85.2 70-130			
Hexane	4.77		ppbv	5.0		95.4 70-130			
2-Hexanone	4.63		ppbv	5.0		92.6 70-130			
Isopropyl alcohol	4.62		ppbv	5.0		92.4 70-130			
Isopropylbenzene	4.03		ppbv	5.0		80.6 70-130			
Methyl bromide	4.64		ppbv	5.0		92.8 70-130			
Methyl tert-butyl ether	4.78		ppbv	5.0		95.6 70-130			
Methyl chloride	4.12		ppbv	5.0		82.4 70-130			
Methylene chloride	4.78		ppbv	5.0		95.6 70-130			
Methyl Methacrylate	4.33		ppbv	5.0		86.6 70-130			
4-Methyl-2-pentanone	4.58		ppbv	5.0		91.6 70-130			
Naphthalene	4.27		ppbv	5.0		85.4 70-130			
Propylene	4.21		ppbv	5.0		84.2 70-130			
Styrene	4.25		ppbv	5.0		85.0 70-130			
1,1,2,2-Tetrachloroethane	4.27		ppbv	5.0		85.4 70-130			
Tetrachloroethylene	4.66		ppbv	5.0		93.2 70-130			
Tetrahydrofuran	4.62		ppbv	5.0		92.4 70-130			
Toluene	4.71		ppbv	5.0		94.2 70-130			
1,2,4-Trichlorobenzene	4.00		ppbv	5.0		80.0 70-130			
1,1,1-Trichloroethane	4.39		ppbv	5.0		87.8 70-130			
1,1,2-Trichloroethane	4.58		ppbv	5.0		91.6 70-130			
Trichloroethene	4.67		ppbv	5.0		93.4 70-130			
Trichlorofluoromethane	4.56		ppbv	5.0		91.2 70-130			
1,1,2-Trichloro-1,2,2-trifluoroethane	4.97		ppbv	5.0		99.4 70-130			
1,3,5-Trimethylbenzene	4.38		ppbv	5.0		87.6 70-130			
1,2,4-Trimethylbenzene	4.21		ppbv	5.0		84.2 70-130			
Vinyl acetate	4.45		ppbv	5.0		89.0 70-130			
Vinyl chloride	4.44		ppbv	5.0		88.8 70-130			
o-Xylene	4.41		ppbv	5.0		88.2 70-130			
m&p-xylene	8.82		ppbv	10		88.2 70-130			

Surrogate: 4-Bromofluorobenzene

12

ppbv 10 115 77.7-127

**LCS Dup (B246698-BSD1)**

Prepared: 06/07/2024 10:30 Analyzed: 06/07/2024 12:22

Acetone	4.46		ppbv	5.0		89.2 70-130	0.447	25	
Acrolein	4.30		ppbv	5.0		86.0 70-130	1.41	25	



Microbac Laboratories, Inc. - Chicagoland

CERTIFICATE OF ANALYSIS

C4F0291

Volatile Organic Compounds by GCMS	Result	RL	Units	Spike Level	Source Result	%REC Limits	RPD	RPD Limit	Notes
<b>Batch B246698 - TO15_PR - EPA TO-15</b>									
<b>LCS Dup (B246698-BSD1)</b>				Prepared: 06/07/2024 10:30 Analyzed: 06/07/2024 12:22					
Benzene	4.67		ppbv	5.0		93.4 70-130	1.06	25	
Benzyl chloride	4.26		ppbv	5.0		85.2 70-130	0.234	25	
Bromodichloromethane	4.36		ppbv	5.0		87.2 70-130	0.00	25	
Bromoform	4.25		ppbv	5.0		85.0 70-130	0.708	25	
1,3-Butadiene	4.50		ppbv	5.0		90.0 70-130	1.34	25	
2-Butanone	4.68		ppbv	5.0		93.6 70-130	0.214	25	
tert-Butyl alcohol	5.21		ppbv	5.0		104 70-130	0.964	25	
Carbon disulfide	5.05		ppbv	5.0		101 70-130	1.18	25	
Carbon tetrachloride	4.50		ppbv	5.0		90.0 70-130	0.00	25	
Chlorobenzene	4.31		ppbv	5.0		86.2 70-130	0.694	25	
Chlorodibromomethane	4.67		ppbv	5.0		93.4 70-130	0.00	25	
Chloroethane	4.65		ppbv	5.0		93.0 70-130	1.30	25	
Chloroform	4.62		ppbv	5.0		92.4 70-130	0.00	25	
Cyclohexane	4.38		ppbv	5.0		87.6 70-130	1.59	25	
1,2-Dibromoethane	4.63		ppbv	5.0		92.6 70-130	0.216	25	
1,3-Dichlorobenzene	4.44		ppbv	5.0		88.8 70-130	0.897	25	
1,4-Dichlorobenzene	4.46		ppbv	5.0		89.2 70-130	1.13	25	
1,2-Dichlorobenzene	4.43		ppbv	5.0		88.6 70-130	0.675	25	
Dichlorodifluoromethane	4.33		ppbv	5.0		86.6 70-130	1.86	25	
1,1-Dichloroethane	4.84		ppbv	5.0		96.8 70-130	0.00	25	
1,2-Dichloroethane	4.40		ppbv	5.0		88.0 70-130	0.679	25	
1,1-Dichloroethene	5.01		ppbv	5.0		100 70-130	0.00	25	
cis-1,2-Dichloroethylene	5.24		ppbv	5.0		105 70-130	1.34	25	
trans-1,2-Dichloroethylene	5.00		ppbv	5.0		100 70-130	1.01	25	
1,2-Dichloropropane	4.69		ppbv	5.0		93.8 70-130	1.50	25	
cis-1,3-Dichloropropylene	4.65		ppbv	5.0		93.0 70-130	0.215	25	
trans-1,3-Dichloropropylene	4.54		ppbv	5.0		90.8 70-130	0.440	25	
1,2-Dichloro-1,1,2,2-tetrafluoroethane	4.26		ppbv	5.0		85.2 70-130	0.707	25	
1,4-Dioxane	5.24		ppbv	5.0		105 70-130	0.959	25	
Ethyl acetate	4.61		ppbv	5.0		92.2 70-130	4.66	25	
Ethylbenzene	4.24		ppbv	5.0		84.8 70-130	0.710	25	
4-Ethyltoluene	4.30		ppbv	5.0		86.0 70-130	0.695	25	
n-Heptane	4.48		ppbv	5.0		89.6 70-130	1.11	25	
Hexachlorobutadiene	4.25		ppbv	5.0		85.0 70-130	0.235	25	
Hexane	4.76		ppbv	5.0		95.2 70-130	0.210	25	
2-Hexanone	4.61		ppbv	5.0		92.2 70-130	0.433	25	
Isopropyl alcohol	4.64		ppbv	5.0		92.8 70-130	0.432	25	
Isopropylbenzene	3.98		ppbv	5.0		79.6 70-130	1.25	25	
Methyl bromide	4.71		ppbv	5.0		94.2 70-130	1.50	25	
Methyl tert-butyl ether	4.84		ppbv	5.0		96.8 70-130	1.25	25	
Methyl chloride	4.09		ppbv	5.0		81.8 70-130	0.731	25	
Methylene chloride	4.88		ppbv	5.0		97.6 70-130	2.07	25	



Microbac Laboratories, Inc. - Chicagoland

CERTIFICATE OF ANALYSIS

C4F0291

Volatile Organic Compounds by GCMS	Result	RL	Units	Spike Level	Source Result	%REC Limits	RPD	RPD Limit	Notes
<b>Batch B246698 - TO15_PR - EPA TO-15</b>									
<b>LCS Dup (B246698-BSD1)</b>				Prepared: 06/07/2024 10:30 Analyzed: 06/07/2024 12:22					
Methyl Methacrylate	4.36		ppbv	5.0		87.2 70-130	0.690	25	
4-Methyl-2-pentanone	4.59		ppbv	5.0		91.8 70-130	0.218	25	
Naphthalene	4.30		ppbv	5.0		86.0 70-130	0.700	25	
Propylene	4.05		ppbv	5.0		81.0 70-130	3.87	25	
Styrene	4.18		ppbv	5.0		83.6 70-130	1.66	25	
1,1,2,2-Tetrachloroethane	4.23		ppbv	5.0		84.6 70-130	0.941	25	
Tetrachloroethylene	4.64		ppbv	5.0		92.8 70-130	0.430	25	
Tetrahydrofuran	4.60		ppbv	5.0		92.0 70-130	0.434	25	
Toluene	4.69		ppbv	5.0		93.8 70-130	0.426	25	
1,2,4-Trichlorobenzene	3.99		ppbv	5.0		79.8 70-130	0.250	25	
1,1,1-Trichloroethane	4.38		ppbv	5.0		87.6 70-130	0.228	25	
1,1,2-Trichloroethane	4.55		ppbv	5.0		91.0 70-130	0.657	25	
Trichloroethene	4.67		ppbv	5.0		93.4 70-130	0.00	25	
Trichlorofluoromethane	4.59		ppbv	5.0		91.8 70-130	0.656	25	
1,1,2-Trichloro-1,2,2-trifluoroethane	4.93		ppbv	5.0		98.6 70-130	0.808	25	
1,3,5-Trimethylbenzene	4.31		ppbv	5.0		86.2 70-130	1.61	25	
1,2,4-Trimethylbenzene	4.19		ppbv	5.0		83.8 70-130	0.476	25	
Vinyl acetate	4.54		ppbv	5.0		90.8 70-130	2.00	25	
Vinyl chloride	4.49		ppbv	5.0		89.8 70-130	1.12	25	
o-Xylene	4.39		ppbv	5.0		87.8 70-130	0.455	25	
m&p-xylene	8.85		ppbv	10		88.5 70-130	0.340	25	
<i>Surrogate: 4-Bromofluorobenzene</i>									
	11		ppbv	10		115 77.7-127			
<b>Duplicate (B246698-DUP1)</b>				Source: C4F0291-01RE1 Prepared: 06/07/2024 10:30 Analyzed: 06/07/2024 14:41					
Acetone	73.1	24	ug/m3		72.0		1.47	20	
Acrolein	<5.7	5.7	ug/m3		ND			20	
Benzene	<7.9	7.9	ug/m3		6.12		1.61	20	
Benzyl chloride	<13	13	ug/m3		ND			20	
Bromodichloromethane	<17	17	ug/m3		ND			20	
Bromoform	<26	26	ug/m3		ND			20	
1,3-Butadiene	<5.5	5.5	ug/m3		2.17		5.86	20	
2-Butanone	<29	29	ug/m3		20.1		4.52	20	
tert-Butyl alcohol	<15	15	ug/m3		7.74		0.987	20	
Carbon disulfide	<15	15	ug/m3		2.91		0.987	20	
Carbon tetrachloride	<16	16	ug/m3		ND			20	
Chlorobenzene	<11	11	ug/m3		ND			20	
Chlorodibromomethane	<21	21	ug/m3		ND			20	
Chloroethane	<6.5	6.5	ug/m3		ND			20	
Chloroform	<12	12	ug/m3		2.16		10.8	20	
Cyclohexane	<8.5	8.5	ug/m3		ND			20	
1,2-Dibromoethane	<19	19	ug/m3		ND			20	
1,3-Dichlorobenzene	<15	15	ug/m3		ND			20	
1,4-Dichlorobenzene	<15	15	ug/m3		ND			20	



Microbac Laboratories, Inc. - Chicagoland

CERTIFICATE OF ANALYSIS

C4F0291

Volatile Organic Compounds by GCMS	Result	RL	Units	Spike Level	Source Result	%REC Limits	RPD	RPD Limit	Notes
<b>Batch B246698 - TO15_PR - EPA TO-15</b>									
<b>Duplicate (B246698-DUP1)</b>									
Source: C4F0291-01RE1 Prepared: 06/07/2024 10:30 Analyzed: 06/07/2024 14:41									
1,2-Dichlorobenzene	<15	15	ug/m3		ND			20	
Dichlorodifluoromethane	189	12	ug/m3		188		0.470	20	
1,1-Dichloroethane	<10	10	ug/m3		ND			20	
1,2-Dichloroethane	<10	10	ug/m3		ND			20	
1,1-Dichloroethene	<9.8	9.8	ug/m3		ND			20	
cis-1,2-Dichloroethylene	<9.8	9.8	ug/m3		ND			20	
trans-1,2-Dichloroethylene	<9.8	9.8	ug/m3		ND			20	
1,2-Dichloropropane	<11	11	ug/m3		ND			20	
cis-1,3-Dichloropropylene	<11	11	ug/m3		ND			20	
trans-1,3-Dichloropropylene	<11	11	ug/m3		ND			20	
1,2-Dichloro-1,1,2,2-tetrafluoroethane	<17	17	ug/m3		ND			20	
1,4-Dioxane	<36	36	ug/m3		ND			20	
Ethyl acetate	<8.9	8.9	ug/m3		ND			20	
Ethylbenzene	<11	11	ug/m3		4.05		0.987	20	
4-Ethyltoluene	<12	12	ug/m3		3.14		8.39	20	
n-Heptane	<10	10	ug/m3		3.22		12.4	20	
Hexachlorobutadiene	<110	110	ug/m3		5.24		0.987	20	
Hexane	<18	18	ug/m3		6.23		0.987	20	
2-Hexanone	<41	41	ug/m3		3.82		6.11	20	
Isopropyl alcohol	<24	24	ug/m3		3.74		4.16	20	
Isopropylbenzene	<12	12	ug/m3		ND			20	
Methyl bromide	<9.6	9.6	ug/m3		ND			20	
Methyl tert-butyl ether	<8.9	8.9	ug/m3		ND			20	
Methyl chloride	<20	20	ug/m3		ND			20	
Methylene chloride	<34	34	ug/m3		7.68		7.44	20	
Methyl Methacrylate	<20	20	ug/m3		ND			20	
4-Methyl-2-pentanone	<100	100	ug/m3		9.46		1.16	20	
Naphthalene	<26	26	ug/m3		3.09		7.71	20	
Propylene	13.6	8.5	ug/m3		14.2		4.52	20	
Styrene	<11	11	ug/m3		ND			20	
1,1,1,2-Tetrachloroethane	<17	17	ug/m3		ND			20	
Tetrachloroethylene	26.9	17	ug/m3		27.3		1.48	20	
Tetrahydrofuran	<7.3	7.3	ug/m3		ND			20	
Toluene	12.9	9.3	ug/m3		12.6		2.45	20	
1,2,4-Trichlorobenzene	<74	74	ug/m3		3.65		0.987	20	
1,1,1-Trichloroethane	<14	14	ug/m3		ND			20	
1,1,2-Trichloroethane	<14	14	ug/m3		ND			20	
Trichloroethene	<6.7	6.7	ug/m3		ND			20	
Trichlorofluoromethane	<14	14	ug/m3		10.2		1.75	20	
1,1,2-Trichloro-1,2,2-trifluoroethane	<19	19	ug/m3		ND			20	
1,3,5-Trimethylbenzene	<12	12	ug/m3		3.14		7.01	20	
1,2,4-Trimethylbenzene	<12	12	ug/m3		10.9		3.56	20	





Microbac Laboratories, Inc. - Chicagoland

CERTIFICATE OF ANALYSIS

C4F0291

Volatile Organic Compounds by GCMS	Result	RL	Units	Spike Level	Source Result	%REC Limits	RPD	RPD Limit	Notes
<b>Batch B246698 - TO15_PR - EPA TO-15</b>									
<b>Duplicate (B246698-DUP1)</b>									
Source: C4F0291-01RE1 Prepared: 06/07/2024 10:30 Analyzed: 06/07/2024 14:41									
Vinyl acetate	<35	35	ug/m3		ND			20	
Vinyl chloride	<6.3	6.3	ug/m3		ND			20	
o-Xylene	<11	11	ug/m3		5.76		0.987	20	
m&p-xylene	<22	22	ug/m3		14.5		0.987	20	
Surrogate: 4-Bromofluorobenzene	11		ppbv	10		111	77.7-127		

**Batch B246704 - TO15\_PR - EPA TO-15**

<b>Blank (B246704-BLK1)</b>									
Prepared: 06/10/2024 10:40 Analyzed: 06/10/2024 13:11									
Acetone	<4.7	4.7	ug/m3						
Acrolein	<1.1	1.1	ug/m3						
Benzene	<1.6	1.6	ug/m3						
Benzyl chloride	<2.6	2.6	ug/m3						
Bromodichloromethane	<3.3	3.3	ug/m3						
Bromoform	<5.2	5.2	ug/m3						
1,3-Butadiene	<1.1	1.1	ug/m3						
2-Butanone	<5.9	5.9	ug/m3						
tert-Butyl alcohol	<3.0	3.0	ug/m3						
Carbon disulfide	<3.1	3.1	ug/m3						
Carbon tetrachloride	<3.1	3.1	ug/m3						
Chlorobenzene	<2.3	2.3	ug/m3						
Chlorodibromomethane	<4.2	4.2	ug/m3						
Chloroethane	<1.3	1.3	ug/m3						
Chloroform	<2.4	2.4	ug/m3						
Cyclohexane	<1.7	1.7	ug/m3						
1,2-Dibromoethane	<3.8	3.8	ug/m3						
1,3-Dichlorobenzene	<3.0	3.0	ug/m3						
1,4-Dichlorobenzene	<3.0	3.0	ug/m3						
1,2-Dichlorobenzene	<3.0	3.0	ug/m3						
Dichlorodifluoromethane	<2.5	2.5	ug/m3						
1,1-Dichloroethane	<2.0	2.0	ug/m3						
1,2-Dichloroethane	<2.0	2.0	ug/m3						
1,1-Dichloroethene	<2.0	2.0	ug/m3						
cis-1,2-Dichloroethylene	<2.0	2.0	ug/m3						
trans-1,2-Dichloroethylene	<2.0	2.0	ug/m3						
1,2-Dichloropropane	<2.3	2.3	ug/m3						
cis-1,3-Dichloropropylene	<2.3	2.3	ug/m3						
trans-1,3-Dichloropropylene	<2.3	2.3	ug/m3						
1,2-Dichloro-1,1,2,2-tetrafluoroethane	<3.5	3.5	ug/m3						
1,4-Dioxane	<7.2	7.2	ug/m3						
Ethyl acetate	<1.8	1.8	ug/m3						
Ethylbenzene	<2.2	2.2	ug/m3						



Microbac Laboratories, Inc. - Chicagoland

CERTIFICATE OF ANALYSIS

C4F0291

Volatile Organic Compounds by GCMS	Result	RL	Units	Spike Level	Source Result	%REC Limits	RPD	RPD Limit	Notes
<b>Batch B246704 - TO15_PR - EPA TO-15</b>									
<b>Blank (B246704-BLK1)</b>									
					Prepared: 06/10/2024 10:40 Analyzed: 06/10/2024 13:11				
4-Ethyltoluene	<2.4	2.4	ug/m3						
n-Heptane	<2.0	2.0	ug/m3						
Hexachlorobutadiene	<21	21	ug/m3						
Hexane	<18	18	ug/m3						
2-Hexanone	<8.2	8.2	ug/m3						
Isopropyl alcohol	<4.9	4.9	ug/m3						
Isopropylbenzene	<2.4	2.4	ug/m3						
Methyl bromide	<1.9	1.9	ug/m3						
Methyl tert-butyl ether	<1.8	1.8	ug/m3						
Methyl chloride	<4.1	4.1	ug/m3						
Methylene chloride	<17	17	ug/m3						
Methyl Methacrylate	<4.1	4.1	ug/m3						
4-Methyl-2-pentanone	<20	20	ug/m3						
Naphthalene	<5.2	5.2	ug/m3						
Propylene	<1.7	1.7	ug/m3						
Styrene	<2.1	2.1	ug/m3						
1,1,2,2-Tetrachloroethane	<3.4	3.4	ug/m3						
Tetrachloroethylene	<3.4	3.4	ug/m3						
Tetrahydrofuran	<1.5	1.5	ug/m3						
Toluene	<1.9	1.9	ug/m3						
1,2,4-Trichlorobenzene	<15	15	ug/m3						
1,1,1-Trichloroethane	<2.7	2.7	ug/m3						
1,1,2-Trichloroethane	<2.7	2.7	ug/m3						
Trichloroethene	<1.3	1.3	ug/m3						
Trichlorofluoromethane	<2.8	2.8	ug/m3						
1,1,2-Trichloro-1,2,2-trifluoroethane	<3.8	3.8	ug/m3						
1,3,5-Trimethylbenzene	<2.4	2.4	ug/m3						
1,2,4-Trimethylbenzene	<2.4	2.4	ug/m3						
Vinyl acetate	<7.0	7.0	ug/m3						
Vinyl chloride	<1.3	1.3	ug/m3						
o-Xylene	<2.2	2.2	ug/m3						
m&p-xylene	<4.3	4.3	ug/m3						

Surrogate: 4-Bromofluorobenzene 11 ppbv 10 106 77.7-127

<b>LCS (B246704-BS1)</b>									
					Prepared: 06/10/2024 10:40 Analyzed: 06/10/2024 11:55				
Acetone	4.51		ppbv	5.0		90.2	70-130		
Acrolein	4.41		ppbv	5.0		88.2	70-130		
Benzene	4.72		ppbv	5.0		94.4	70-130		
Benzyl chloride	4.37		ppbv	5.0		87.4	70-130		
Bromodichloromethane	4.42		ppbv	5.0		88.4	70-130		
Bromoform	4.34		ppbv	5.0		86.8	70-130		
1,3-Butadiene	4.50		ppbv	5.0		90.0	70-130		
2-Butanone	4.73		ppbv	5.0		94.6	70-130		



Microbac Laboratories, Inc. - Chicagoland

CERTIFICATE OF ANALYSIS

C4F0291

Volatile Organic Compounds by GCMS	Result	RL	Units	Spike Level	Source Result	%REC Limits	RPD	RPD Limit	Notes
<b>Batch B246704 - TO15_PR - EPA TO-15</b>									
<b>LCS (B246704-BS1)</b>				Prepared: 06/10/2024 10:40 Analyzed: 06/10/2024 11:55					
tert-Butyl alcohol	5.31		ppbv	5.0		106 70-130			
Carbon disulfide	5.23		ppbv	5.0		105 70-130			
Carbon tetrachloride	4.54		ppbv	5.0		90.8 70-130			
Chlorobenzene	4.38		ppbv	5.0		87.6 70-130			
Chlorodibromomethane	4.73		ppbv	5.0		94.6 70-130			
Chloroethane	4.79		ppbv	5.0		95.8 70-130			
Chloroform	4.69		ppbv	5.0		93.8 70-130			
Cyclohexane	4.41		ppbv	5.0		88.2 70-130			
1,2-Dibromoethane	4.62		ppbv	5.0		92.4 70-130			
1,3-Dichlorobenzene	4.53		ppbv	5.0		90.6 70-130			
1,4-Dichlorobenzene	4.59		ppbv	5.0		91.8 70-130			
1,2-Dichlorobenzene	4.54		ppbv	5.0		90.8 70-130			
Dichlorodifluoromethane	4.41		ppbv	5.0		88.2 70-130			
1,1-Dichloroethane	4.95		ppbv	5.0		99.0 70-130			
1,2-Dichloroethane	4.49		ppbv	5.0		89.8 70-130			
1,1-Dichloroethene	5.12		ppbv	5.0		102 70-130			
cis-1,2-Dichloroethylene	5.29		ppbv	5.0		106 70-130			
trans-1,2-Dichloroethylene	5.15		ppbv	5.0		103 70-130			
1,2-Dichloropropane	4.69		ppbv	5.0		93.8 70-130			
cis-1,3-Dichloropropylene	4.66		ppbv	5.0		93.2 70-130			
trans-1,3-Dichloropropylene	4.56		ppbv	5.0		91.2 70-130			
1,2-Dichloro-1,1,2,2-tetrafluoroethane	4.29		ppbv	5.0		85.8 70-130			
1,4-Dioxane	5.29		ppbv	5.0		106 70-130			
Ethyl acetate	4.76		ppbv	5.0		95.2 70-130			
Ethylbenzene	4.32		ppbv	5.0		86.4 70-130			
4-Ethyltoluene	4.41		ppbv	5.0		88.2 70-130			
n-Heptane	4.54		ppbv	5.0		90.8 70-130			
Hexachlorobutadiene	4.44		ppbv	5.0		88.8 70-130			
Hexane	4.78		ppbv	5.0		95.6 70-130			
2-Hexanone	4.59		ppbv	5.0		91.8 70-130			
Isopropyl alcohol	4.87		ppbv	5.0		97.4 70-130			
Isopropylbenzene	4.10		ppbv	5.0		82.0 70-130			
Methyl bromide	4.80		ppbv	5.0		96.0 70-130			
Methyl tert-butyl ether	4.92		ppbv	5.0		98.4 70-130			
Methyl chloride	4.29		ppbv	5.0		85.8 70-130			
Methylene chloride	4.98		ppbv	5.0		99.6 70-130			
Methyl Methacrylate	4.36		ppbv	5.0		87.2 70-130			
4-Methyl-2-pentanone	4.60		ppbv	5.0		92.0 70-130			
Naphthalene	4.33		ppbv	5.0		86.6 70-130			
Propylene	4.30		ppbv	5.0		86.0 70-130			
Styrene	4.29		ppbv	5.0		85.8 70-130			
1,1,2,2-Tetrachloroethane	4.32		ppbv	5.0		86.4 70-130			



Microbac Laboratories, Inc. - Chicagoland

CERTIFICATE OF ANALYSIS

C4F0291

Volatile Organic Compounds by GCMS	Result	RL	Units	Spike Level	Source Result	%REC Limits	RPD	RPD Limit	Notes
<b>Batch B246704 - TO15_PR - EPA TO-15</b>									
<b>LCS (B246704-BS1)</b>			Prepared: 06/10/2024 10:40 Analyzed: 06/10/2024 11:55						
Tetrachloroethylene	4.73		ppbv	5.0		94.6 70-130			
Tetrahydrofuran	4.69		ppbv	5.0		93.8 70-130			
Toluene	4.76		ppbv	5.0		95.2 70-130			
1,2,4-Trichlorobenzene	4.11		ppbv	5.0		82.2 70-130			
1,1,1-Trichloroethane	4.44		ppbv	5.0		88.8 70-130			
1,1,2-Trichloroethane	4.62		ppbv	5.0		92.4 70-130			
Trichloroethene	4.73		ppbv	5.0		94.6 70-130			
Trichlorofluoromethane	4.65		ppbv	5.0		93.0 70-130			
1,1,2-Trichloro-1,2,2-trifluoroethane	5.05		ppbv	5.0		101 70-130			
1,3,5-Trimethylbenzene	4.45		ppbv	5.0		89.0 70-130			
1,2,4-Trimethylbenzene	4.29		ppbv	5.0		85.8 70-130			
Vinyl acetate	4.70		ppbv	5.0		94.0 70-130			
Vinyl chloride	4.59		ppbv	5.0		91.8 70-130			
o-Xylene	4.48		ppbv	5.0		89.6 70-130			
m&p-xylene	9.05		ppbv	10		90.5 70-130			
<i>Surrogate: 4-Bromofluorobenzene</i>	11		ppbv	10		112 77.7-127			
<b>LCS Dup (B246704-BSD1)</b>			Prepared: 06/10/2024 10:40 Analyzed: 06/10/2024 12:32						
Acetone	4.50		ppbv	5.0		90.0 70-130	0.222	25	
Acrolein	4.28		ppbv	5.0		85.6 70-130	2.99	25	
Benzene	4.73		ppbv	5.0		94.6 70-130	0.212	25	
Benzyl chloride	4.37		ppbv	5.0		87.4 70-130	0.00	25	
Bromodichloromethane	4.44		ppbv	5.0		88.8 70-130	0.451	25	
Bromoform	4.40		ppbv	5.0		88.0 70-130	1.37	25	
1,3-Butadiene	4.55		ppbv	5.0		91.0 70-130	1.10	25	
2-Butanone	4.74		ppbv	5.0		94.8 70-130	0.211	25	
tert-Butyl alcohol	5.28		ppbv	5.0		106 70-130	0.567	25	
Carbon disulfide	5.21		ppbv	5.0		104 70-130	0.383	25	
Carbon tetrachloride	4.56		ppbv	5.0		91.2 70-130	0.440	25	
Chlorobenzene	4.44		ppbv	5.0		88.8 70-130	1.36	25	
Chlorodibromomethane	4.74		ppbv	5.0		94.8 70-130	0.211	25	
Chloroethane	4.74		ppbv	5.0		94.8 70-130	1.05	25	
Chloroform	4.68		ppbv	5.0		93.6 70-130	0.213	25	
Cyclohexane	4.45		ppbv	5.0		89.0 70-130	0.903	25	
1,2-Dibromoethane	4.69		ppbv	5.0		93.8 70-130	1.50	25	
1,3-Dichlorobenzene	4.62		ppbv	5.0		92.4 70-130	1.97	25	
1,4-Dichlorobenzene	4.56		ppbv	5.0		91.2 70-130	0.656	25	
1,2-Dichlorobenzene	4.51		ppbv	5.0		90.2 70-130	0.663	25	
Dichlorodifluoromethane	4.44		ppbv	5.0		88.8 70-130	0.678	25	
1,1-Dichloroethane	4.89		ppbv	5.0		97.8 70-130	1.22	25	
1,2-Dichloroethane	4.51		ppbv	5.0		90.2 70-130	0.444	25	
1,1-Dichloroethene	5.04		ppbv	5.0		101 70-130	1.57	25	
cis-1,2-Dichloroethylene	5.27		ppbv	5.0		105 70-130	0.379	25	



Microbac Laboratories, Inc. - Chicagoland

CERTIFICATE OF ANALYSIS

C4F0291

Volatile Organic Compounds by GCMS	Result	RL	Units	Spike Level	Source Result	%REC Limits	RPD	RPD Limit	Notes
<b>Batch B246704 - TO15_PR - EPA TO-15</b>									
<b>LCS Dup (B246704-BSD1)</b>				Prepared: 06/10/2024 10:40 Analyzed: 06/10/2024 12:32					
trans-1,2-Dichloroethylene	5.10		ppbv	5.0		102 70-130	0.976	25	
1,2-Dichloropropane	4.75		ppbv	5.0		95.0 70-130	1.27	25	
cis-1,3-Dichloropropylene	4.69		ppbv	5.0		93.8 70-130	0.642	25	
trans-1,3-Dichloropropylene	4.60		ppbv	5.0		92.0 70-130	0.873	25	
1,2-Dichloro-1,1,2,2-tetrafluoroethane	4.34		ppbv	5.0		86.8 70-130	1.16	25	
1,4-Dioxane	5.25		ppbv	5.0		105 70-130	0.759	25	
Ethyl acetate	4.69		ppbv	5.0		93.8 70-130	1.48	25	
Ethylbenzene	4.36		ppbv	5.0		87.2 70-130	0.922	25	
4-Ethyltoluene	4.42		ppbv	5.0		88.4 70-130	0.227	25	
n-Heptane	4.52		ppbv	5.0		90.4 70-130	0.442	25	
Hexachlorobutadiene	4.44		ppbv	5.0		88.8 70-130	0.00	25	
Hexane	4.83		ppbv	5.0		96.6 70-130	1.04	25	
2-Hexanone	4.65		ppbv	5.0		93.0 70-130	1.30	25	
Isopropyl alcohol	4.75		ppbv	5.0		95.0 70-130	2.49	25	
Isopropylbenzene	4.09		ppbv	5.0		81.8 70-130	0.244	25	
Methyl bromide	4.80		ppbv	5.0		96.0 70-130	0.00	25	
Methyl tert-butyl ether	4.89		ppbv	5.0		97.8 70-130	0.612	25	
Methyl chloride	4.25		ppbv	5.0		85.0 70-130	0.937	25	
Methylene chloride	4.85		ppbv	5.0		97.0 70-130	2.64	25	
Methyl Methacrylate	4.40		ppbv	5.0		88.0 70-130	0.913	25	
4-Methyl-2-pentanone	4.63		ppbv	5.0		92.6 70-130	0.650	25	
Naphthalene	4.39		ppbv	5.0		87.8 70-130	1.38	25	
Propylene	4.25		ppbv	5.0		85.0 70-130	1.17	25	
Styrene	4.30		ppbv	5.0		86.0 70-130	0.233	25	
1,1,2,2-Tetrachloroethane	4.38		ppbv	5.0		87.6 70-130	1.38	25	
Tetrachloroethylene	4.75		ppbv	5.0		95.0 70-130	0.422	25	
Tetrahydrofuran	4.69		ppbv	5.0		93.8 70-130	0.00	25	
Toluene	4.73		ppbv	5.0		94.6 70-130	0.632	25	
1,2,4-Trichlorobenzene	4.10		ppbv	5.0		82.0 70-130	0.244	25	
1,1,1-Trichloroethane	4.46		ppbv	5.0		89.2 70-130	0.449	25	
1,1,2-Trichloroethane	4.61		ppbv	5.0		92.2 70-130	0.217	25	
Trichloroethene	4.67		ppbv	5.0		93.4 70-130	1.28	25	
Trichlorofluoromethane	4.65		ppbv	5.0		93.0 70-130	0.00	25	
1,1,2-Trichloro-1,2,2-trifluoroethane	5.02		ppbv	5.0		100 70-130	0.596	25	
1,3,5-Trimethylbenzene	4.49		ppbv	5.0		89.8 70-130	0.895	25	
1,2,4-Trimethylbenzene	4.33		ppbv	5.0		86.6 70-130	0.928	25	
Vinyl acetate	4.79		ppbv	5.0		95.8 70-130	1.90	25	
Vinyl chloride	4.49		ppbv	5.0		89.8 70-130	2.20	25	
o-Xylene	4.60		ppbv	5.0		92.0 70-130	2.64	25	
m&p-xylene	9.12		ppbv	10		91.2 70-130	0.770	25	
Surrogate: 4-Bromofluorobenzene	11		ppbv	10		112 77.7-127			



Microbac Laboratories, Inc. - Chicagoland

CERTIFICATE OF ANALYSIS

C4F0291

Volatile Organic Compounds by GCMS	Result	RL	Units	Spike Level	Source Result	%REC Limits	RPD	RPD Limit	Notes
<b>Batch B246704 - TO15_PR - EPA TO-15</b>									
<b>Duplicate (B246704-DUP1)</b>									
Source: C4F0291-17RE1 Prepared: 06/10/2024 10:40 Analyzed: 06/10/2024 16:34									
Acetone	<23	23	ug/m3		20.7		0.927	20	
Acrolein	<5.6	5.6	ug/m3		1.13		22.4	20	R3
Benzene	<7.9	7.9	ug/m3		1.42		10.3	20	
Benzyl chloride	<13	13	ug/m3		ND			20	
Bromodichloromethane	<16	16	ug/m3		ND			20	
Bromoform	<25	25	ug/m3		ND			20	
1,3-Butadiene	<5.4	5.4	ug/m3		1.31		8.89	20	
2-Butanone	<29	29	ug/m3		3.34		4.64	20	
tert-Butyl alcohol	<15	15	ug/m3		ND			20	
Carbon disulfide	<15	15	ug/m3		3.22		0.197	20	
Carbon tetrachloride	<15	15	ug/m3		ND			20	
Chlorobenzene	<11	11	ug/m3		ND			20	
Chlorodibromomethane	<21	21	ug/m3		ND			20	
Chloroethane	<6.5	6.5	ug/m3		ND			20	
Chloroform	<12	12	ug/m3		ND			20	
Cyclohexane	<8.5	8.5	ug/m3		ND			20	
1,2-Dibromoethane	<19	19	ug/m3		ND			20	
1,3-Dichlorobenzene	<15	15	ug/m3		ND			20	
1,4-Dichlorobenzene	<15	15	ug/m3		ND			20	
1,2-Dichlorobenzene	<15	15	ug/m3		ND			20	
Dichlorodifluoromethane	<12	12	ug/m3		4.88		5.33	20	
1,1-Dichloroethane	<10	10	ug/m3		ND			20	
1,2-Dichloroethane	<10	10	ug/m3		ND			20	
1,1-Dichloroethene	<9.8	9.8	ug/m3		ND			20	
cis-1,2-Dichloroethylene	<9.8	9.8	ug/m3		ND			20	
trans-1,2-Dichloroethylene	<9.8	9.8	ug/m3		ND			20	
1,2-Dichloropropane	<11	11	ug/m3		ND			20	
cis-1,3-Dichloropropylene	<11	11	ug/m3		ND			20	
trans-1,3-Dichloropropylene	<11	11	ug/m3		ND			20	
1,2-Dichloro-1,1,2,2-tetrafluoroethane	<17	17	ug/m3		ND			20	
1,4-Dioxane	<35	35	ug/m3		ND			20	
Ethyl acetate	<8.9	8.9	ug/m3		ND			20	
Ethylbenzene	<11	11	ug/m3		4.50		10.2	20	
4-Ethyltoluene	<12	12	ug/m3		4.12		6.26	20	
n-Heptane	<10	10	ug/m3		2.22		8.50	20	
Hexachlorobutadiene	<100	100	ug/m3		ND			20	
Hexane	<18	18	ug/m3		3.82		4.25	20	
2-Hexanone	<40	40	ug/m3		ND			20	
Isopropyl alcohol	<24	24	ug/m3		ND			20	
Isopropylbenzene	<12	12	ug/m3		1.21		0.197	20	
Methyl bromide	<9.6	9.6	ug/m3		ND			20	
Methyl tert-butyl ether	<8.9	8.9	ug/m3		ND			20	



Microbac Laboratories, Inc. - Chicagoland

CERTIFICATE OF ANALYSIS

C4F0291

Volatile Organic Compounds by GCMS	Result	RL	Units	Spike Level	Source Result	%REC Limits	RPD	RPD Limit	Notes
<b>Batch B246704 - TO15_PR - EPA TO-15</b>									
<b>Duplicate (B246704-DUP1)</b>									
Source: C4F0291-17RE1 Prepared: 06/10/2024 10:40 Analyzed: 06/10/2024 16:34									
Methyl chloride	<20	20	ug/m3		ND			20	
Methylene chloride	<34	34	ug/m3		4.80		7.60	20	
Methyl Methacrylate	<20	20	ug/m3		ND			20	
4-Methyl-2-pentanone	<100	100	ug/m3		ND			20	
Naphthalene	<26	26	ug/m3		2.84		0.197	20	
Propylene	<8.5	8.5	ug/m3		5.09		3.08	20	
Styrene	<10	10	ug/m3		ND			20	
1,1,2,2-Tetrachloroethane	<17	17	ug/m3		ND			20	
Tetrachloroethylene	187	17	ug/m3		192		2.49	20	
Tetrahydrofuran	<7.3	7.3	ug/m3		ND			20	
Toluene	12.1	9.3	ug/m3		12.1		0.197	20	
1,2,4-Trichlorobenzene	<73	73	ug/m3		ND			20	
1,1,1-Trichloroethane	<13	13	ug/m3		2.42		12.0	20	
1,1,2-Trichloroethane	<13	13	ug/m3		ND			20	
Trichloroethene	<6.6	6.6	ug/m3		ND			20	
Trichlorofluoromethane	<14	14	ug/m3		13.0		0.197	20	
1,1,2-Trichloro-1,2,2-trifluoroethane	<19	19	ug/m3		ND			20	
1,3,5-Trimethylbenzene	<12	12	ug/m3		4.36		5.91	20	
1,2,4-Trimethylbenzene	16.2	12	ug/m3		17.0		4.58	20	
Vinyl acetate	<35	35	ug/m3		ND			20	
Vinyl chloride	<6.3	6.3	ug/m3		ND			20	
o-Xylene	<11	11	ug/m3		7.28		2.70	20	
m&p-xylene	<21	21	ug/m3		16.7		6.82	20	
Surrogate: 4-Bromofluorobenzene	11		ppbv	10		107	77.7-127		

Definitions

- DF:** Dilution Factor representing the amount the sample was diluted during analysis and may not represent preparation factors.
- E:** Estimated Result.
- NAD:** Normalized Absolute difference
- ppbv:** Parts per Billion by Volume
- R3:** Duplicate RPD is outside of acceptance limits. Results are less than 2X the MRL.
- RL:** Reporting Limit
- RPD:** Relative Percent Difference
- ug/m3:** Micrograms per Cubic Meter

Cooler Receipt Log

Cooler ID: Default Cooler Temp: °C



Microbac Laboratories, Inc. - Chicagoland

CERTIFICATE OF ANALYSIS

C4F0291

Cooler Inspection Checklist

Ice Present or not required?	Yes	Shipping containers sealed or not required?	Yes
Custody seals intact or not required?	Yes	Chain of Custody (COC) Present?	Yes
COC includes customer information?	Yes	Relinquished and received signature on COC?	Yes
Sample collector identified on COC?	Yes	Sample type identified on COC?	Yes
Correct type of Containers Received	Yes	Correct number of containers listed on COC?	Yes
Containers Intact?	Yes	COC includes requested analyses?	Yes
Enough sample volume for indicated tests received?	Yes	Sample labels match COC (Name, Date & Time?)	Yes
Samples arrived within hold time?	Yes	Correct preservatives on COC or not required?	Yes
Chemical preservations checked or not required?	Yes	Preservation checks meet method requirements?	Yes
VOA vials have zero headspace, or not recd.?	Yes		

Report Comments

The data and information on this, and other accompanying documents, represents only the sample(s) analyzed. This report is incomplete unless all pages indicated in the footnote are present and an authorized signature is included. The services were provided under and subject to Microbac's standard terms and conditions which can be located and reviewed at <<https://www.microbac.com/standard-terms-conditions>>.

Reviewed and Approved By:

Kristen Ramirez  
Senior Project Manager  
Reported: 06/17/2024 10:10





Samples Submitted to:

[ ] 250 West 84th Drive  
Merrillville, IN 46410  
Tel: 219-769-8378  
Fax: 219-769-1664

[ ] 5713 West 85th Street  
Indianapolis, IN 46278  
Tel: 317-872-1375  
Fax: 317-872-1379

**Chain of Custody Record**  
Use this COC for Air Analysis only  
Number A-3801

Instructions on back

Client Name HEARTLAND ENVIRONMENTAL Project GENESIS CONVENTION CENTER Report Type  
 Address 3410 MISHAWA AVE Location GARY, IN  Routine (7 working days)  Results Only  
 City, State, Zip SOUTH BEND, IN 46615 PO # \_\_\_\_\_  RUSH\* (notify lab)  Level III  Level IV  
 Contact RYAN ORZECHOWICZ Compliance Monitoring?  Yes(1)  No (needed by) \_\_\_\_\_  Level IV  EDD  
 Telephone # 317-771-2283 (1) Agency/Program \_\_\_\_\_ Sampler Phone # 317-771-2283

Sampled by (PRINT) RYAN ORZECHOWICZ Sampler Signature [Signature] Sampler Phone # 317-771-2283  
 Send Report via  Mail  Telephone  Fax (fax #) ORZECHOWICZ@HEARTLANDENV.COM  e-mail (address) \_\_\_\_\_

\* Matrix Types: (A) - Air  
\*\* Preservative Types: NA



Heartland Environmental - South Bend, IN  
PM: Kristen Ramirez

Client Sample ID	Matrix*	Grab	Composite	Date Collected	Start Time	End Time	Summa ID	Vacuum (initial)	Vacuum (final)	Date/Time
S6-1	A	G		6/4/24	10:30	10:38	547	28	2	01
S6-2					10:48	10:57	438	28	2	02
S6-3					11:54	12:03	443	30	4	03
S6-4					13:11	13:18	391	25	3	04
S6-5					13:47	13:56	444	29	4	05
S6-6					14:25	14:34	542	26	2	06
S6-7					15:18	15:27	548	25	2	07
S6-8					15:53	16:01	437	24	2	08
S6-9					16:35	16:54	445	28	2	09
S6-10				6/5/24	14:39	14:46	384	26	2	10
S6-11				6/5/24	9:24	9:32	2460	2027	2027	11

Possible Hazard Identification  Hazardous  Non-Hazardous  Radioactive  Dispose as appropriate  Return  Archive

Comments

Relinquished By (signature)	Date/Time	Received By (signature)	Date/Time
<u>[Signature]</u>	6/5/24 11:50	<u>[Signature]</u>	6/5/24/16:50
<u>[Signature]</u>		<u>[Signature]</u>	
<u>[Signature]</u>		<u>[Signature]</u>	

Sample temperature upon receipt in degrees C = 17



Samples Submitted to:

250 West 84th Drive  
Merrillville, IN 46410  
Tel: 219-769-8378  
Fax: 219-769-1664

5713 West 85th Street  
Indianapolis, IN 46278  
Tel: 317-872-1375  
Fax: 317-872-1379

**Chain of Custody Record**  
Use this COC for Air Analysis only  
Number A-3800

Instructions on back

Client Name HEARTLAND ENVIRONMENTAL Project GENESIS CONVENTION CENTER Turnaround Time \_\_\_\_\_ Report Type \_\_\_\_\_  
 Address 3410 MSHAWAUKA AVE. Location GENY IN  Routine (7 working days)  Results Only  Level II  
 City, State, Zip SOUTH BEND, IN 46615 PO # \_\_\_\_\_  RUSH\* (notify lab)  Level III  Level III CLP-like  
 Contact RYAN ORZECHOWICZ Compliance Monitoring?  Yes(1)  No  Level IV  Level IV CLP-like  
 Telephone # 317-771-2883 (1) Agency/Program \_\_\_\_\_ (needed by) \_\_\_\_\_  EDD

Sampled by (PRINT) RYAN ORZECHOWICZ Sampler Signature [Signature] Sampler Phone # 317-771-2883  
 Send Report via  Mail  Telephone  Fax (fax #) \_\_\_\_\_ E-mail (address) forzechowi@heartlandenv.com

\* Matrix Types: (A) - Air  
 \*\* Preservative Types: NA

Client Sample ID	Matrix*	Grab	Composite	Date Collected	Start Time	End Time	Summa ID	Vacuum (initial)	Vacuum (final)	For Lab Use Only
S6-12	A	G		6/5/24	12:57	13:05	457	28	2	12
S6-13					13:38	13:48	550	29	4	13
S6-14					13:08	13:16	461	28	2	14
S6-15					10:57	11:06	453	27	2	15
S6-16					10:35	10:43	382	26	2	16
FD-1					12:57	13:05	385	26	2	17

Possible Hazard Identification  Hazardous  Non-Hazardous  Radioactive  Dispose as appropriate  Return  Archive

Comments

Relinquished By (signature)	Date/Time	Received By (signature)	Date/Time
<u>[Signature]</u>	6/5/24 16:50		
<u>[Signature]</u>			
<u>[Signature]</u>			

Sample temperature upon receipt in degrees C = \_\_\_\_\_ Received for Lab By (signature) [Signature] Date/Time 6/5/24/1650