Prezant
Consulting
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CITY OF SEATTLE

Fire Station 31
Hazardous Materials Testing

Amendment to Final Report
October 26, 2004

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FIRE STATION 31
HAZARDOUS MATERIALS TESTING

Amendment to FINAL REPORT

Prepared for

FIRE STATION 31 HEALTH INVESTIGATION
INTERDEPARTMENTAL TASK FORCE

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FIRE STATION 31
HAZARDOUS MATERIALS TESTING
Amendment to FINAL REPORT

I. EXECUTIVE SUMMARY

Prezant Associates, Inc. (Prezant) conducted extensive testing for a variety of airborne, surface, and soil health hazards at Fire Station 31 located in Seattle, Washington at the request of the City of Seattle **in Fall 2003**. Based on our sampling and analytical results, the building as a whole appears safe for general occupancy. At that time, a few specific areas of the building were determined to contain lead above EPA recommended levels. This lead was present in soils in an open dirt area of the basement, and on walls and floors in several adjacent rooms. These areas had subsequently been abated to meet the strictest standards for occupancy, as set forth by the US Department of Housing and Urban Development.

While none of the individual Volatile Organic Compounds (VOCs) measured exceeded any Permissible Exposure Limit, the concentration of several gasoline constituents and other solvent components were detected in the open soil area of the basement at levels several times higher than that measured outdoors. The top layer of open soil had been removed in the course of the lead abatement, and the soil had been covered; retesting of VOCs in Summer 2004 did not show elevated VOCs in this area.

In July and August 2004, Prezant Associates, Inc. (Prezant) went back to the Fire Station 31 to conduct additional sampling for several air contaminants at the Fire Station. The testing was conducted at the request of the City of Seattle, Office of the Mayor, to determine if there are hazardous chemicals and biological agents that might present health risks to the firefighters based at Station 31, whose air concentrations might be elevated in the warmer summer months. The summer study included ***volatile organic compounds*** and ***Pentachlorophenol, mold and bacteria*** as well as the continuous monitoring of ***Indoor Air Quality*** indicators over several weeks.

The results of the Summer 2004 tests affirmed the conclusions of the earlier tests, that the building appears safe for general occupancy. None of the tested air contaminants was significantly higher in the hotter days of Summer 2004 than it had been during the Fall 2003 tests.

The temperature in the mezzanine floor of the building stayed in the upper 70s and low 80s during the monitoring period and the relative humidity was elevated in the paramedics' room and the apparatus room. This speaks for a limited effectiveness of the ventilation strategy in the building (passive ventilation supported by fans) especially in the hotter days of summer, exceeds the recommendations of the ASHRAE and poses a comfort issue.

The results of the biological tests do not suggest an issue with mold in the building. Some areas had somewhat elevated air concentrations of bacteria.

II. INTRODUCTION

In July and August 2004, Prezant Associates, Inc. (Prezant) went back to the Fire Station 31 located in Seattle, Washington, to conduct additional sampling for several air contaminants at the Fire Station. The testing was conducted at the request of the City of Seattle, Office of the Mayor, to determine if there are hazardous chemicals and biological agents that might present health risks to the firefighters based at Station 31, whose air concentrations might be elevated in the warmer summer months. The summer study included volatile compounds, Pentachlorophenol, mold and bacteria as well as the continuous monitoring of Indoor Air Quality indicators over several weeks. This report is limited to presentation of the test results, a comparison to the results of the original sampling conducted in Fall 2003 and recommendations for prevention of health effects to the firefighters.

III. AREAS OF POTENTIAL HEALTH CONCERN

Based on the analytical results of samples collected from various areas in and around the Station, reports about the possible use of a product containing Pentachlorophenol in the past and the chemical and biological properties of the agents the following areas had been suggested to be revisited in the summer months:

A. Indoor Air Quality

The measurements made by Prezant in Fall 2003 indicated several periods when the recommended temperature, humidity, and carbon dioxide ranges were exceeded. Of particular note were the relatively high levels of carbon dioxide in the Paramedic Room at night. While these results primarily affect the comfort of firefighters, there are possible short-term health effects, such as increased susceptibility to common illnesses such as colds and bacterial infections. In addition, the first survey was conducted during a relatively moderate autumn, so the out-of-range conditions might be worse during more extreme seasonal variations.

In the final report dated March 16, 2004 Prezant had suggested to retest the indoor air quality parameters again in the summer, when the bricks retain their heat even during the nighttime hours. It had also been suggested to increase ventilation in the Paramedic Room at night.

The measurements that were obtained during continuous monitoring of Indoor Air Quality parameters between August 3, 2004 and August 31, 2004 indicate that there are elevated temperatures in the mezzanine level (Bunk Room and Paramedics Room) in the hot days and nights of summer. Carbon Dioxide levels approached 1,000 ppm in two consecutive Nights. The relative humidity was elevated in the Paramedics Room and in the Apparatus Room during the time of monitoring. The monitoring was performed during a moderately hot period of the summer.

It can be concluded that the ventilation in the bunk room is still suboptimal; depending on occupancy and especially depending on the outside temperatures, the passive ventilation supported by fans will not necessarily provide enough cooling to keep temperatures within the ASHRAE recommendation (73ºF – 79ºF in summer). This can result in discomfort of the occupants, especially during the hot days of summer. The elevated relative humidity poses an elevated risk of mold and dust mite growth and can contribute to occupant comfort issues.

While the Carbon dioxide levels remained below the 1,000 ppm ASHRAE recommendation in all results, in the bunkroom the Carbon dioxide levels did approach 1,000 ppm in two consecutive nights.

Recommendations for Indoor Air Quality:
A1: Improve ventilation of the upper level, especially of the bunkroom, i.e. through operating additional fans, or as part of a HVAC strategy.

B. Volatile Organic Compounds

None of the identified volatile organic compounds (VOCs) exceeded any Permissible Exposure Limit (PEL). Most levels of VOCs were lower or the same level of the measurements taken in Fall 2003. See Table 2 for a listing of the results and comparison to the Fall 2003 results and the individual compounds' "action limits". The table lists the Personal Exposure Limits if available or other exposure recommendations by the American Conference of Governmental Industrial Hygienists, Inc. (ACGIH), or the National Institute for Occupational Safety and Health (NIOSH) where no PELs are set forth.

Samples were collected in eight locations (same locations as in Fall 2003)

1. Outside
2. Watch Office
3. Kitchen
4. Weight Room
5. Open Dirt Area
6. Diesel Generator Area
7. Sink Room
8. Bunk Room

For all locations but the Sink Room, the concentrations of the individual volatile organic compounds were ***lower*** than in the first round of sampling in Fall 2003. All test results show low VOC air concentrations. There are no exposure limits set for "total VOCs". However, there are Permissible Exposure Limits set for different volatile organic compounds, the constituents of the "total VOCs". All results of individual VOC are multiple orders of magnitude below their individual Permissible Exposure Limits.

To put the results in perspective:
The highest single concentration of a VOC was measured for *Acetone* in the Sink Room sample:
38 parts per billion (ppb)
The Permissible Exposure Limit for Acetone is 750 parts per million (ppm) (= 1,000 x 750 parts per billion.)

The highest individual measured concentration for a regulated VOC was more than 4 orders of magnitude (10,000 times) lower than the substances PEL.

The highest Total VOC concentration was measured in the Sink Room: 107 ppb

C. Pentachlorophenol

There are reports that the chemical Pentachlorophenol may have been applied to the interior or exterior of the brick walls to retard mold growth in the past. Further testing of the air inside the Station has been performed to determine if any pentachlorophenol is off-gassing into the air of the Station. In five locations above ground air samples had been collected.

No Pentachlorophenol had been detected in any of the five samples.

D. Mold and Bacteria

Molds grow well in moist conditions if organic materials are present. The Station's brick wall construction apparently allows rainwater to readily enter the building. There are very few organic building materials in the facility that could serve as food for the mold, and consequently, mold levels in the indoor air of the Station are about the same as those found naturally outdoors.

Air samples were collected in ten indoor locations and one outdoor location (before and after the indoor locations). In general, the indoor mold results compare in numbers and species distribution to the outdoors samples for the mold results.

The levels of bacteria in the air were elevated for several areas compared to the outdoors, with gram negative bacteria being the main component in the samples. Gram negative bacteria flourish in wet environments, and they tend not to form spores, but can become airborne when the water evaporates.

The results of mold air samples collected on different days and different times of the year compare very poorly. There are no legislative limits for mold exposures; the amount of fungal spores in the air and the distribution of fungal species fluctuate greatly over the day, the month and the year and are dependent on temperature, humidity and actual and recent weather conditions.

For these reasons, data from a complaint area always has to be compared with data from a non-complaint or outdoors area collected during the same day and close to the same time as the complaint area sample.

The results of the air samples for culturable and nonculturable fungi do not support a considerable mold contamination. For all locations, the inside samples compare well with the outdoors comparison samples in both total concentrations and distribution of fungal species/genera.

The bacteria results for the Watch Room, Upstairs Bathroom and the Paramedics Room were comparable to the outside results. In the other areas: Apparatus Room, Battery Room, Hose Tower, Weight Room, Woman's Bathroom, Laundry Room and Bunkroom, the bacteria air concentrations were somewhat elevated compared to the outside.

Recommendations for Molds and Bacteria

C-1. When mopping the floor areas of the Station, use clean mops and a mild bactericide solution.

C-2. Damp wipe shower stalls surfaces, sink areas, desktops, tabletops, countertops, windowsills, and other horizontal surfaces using a mild bactericide solution.

IV. SUMMARY OF MEASUREMENTS AND RESULTS

This section presents the scope of substances and agents tested in the Station, along with data tables presenting the highlights of the results. Appendix A presents the methods used in our study. Figures with sample locations and a data table presenting the results of all Summer 2004 sampling are presented in Appendix B. The laboratory certificates of analysis are included as Appendices C and D.

See Tables 1 and 2 for a list of agents tested and the results. All of the measured agents were below the specified Action Limit, except for temperature and relative humidity. Descriptions of each health hazard follow Table 1. Laboratory certificates of analysis for the mold and bacteria are presented in Appendix C. Laboratory certificates of analysis for VOCs and Pentachlorophenol are presented in Appendix D. Carbon monoxide measurements are displayed in Figure 1, carbon dioxide measurements are displayed in Figure 2, temperature measurements are displayed in Figure 3 and relative humidity measurements are displayed in Figure 4.

Table 1 – Analytical and Measurement Results for Tested Airborne Health Hazards

Health Hazard	Action Limit	Results
Carbon monoxide (CO)	25 ppm ACGIH	All measurements were well below the action limit. See Figure 1.
Carbon dioxide	1,000 ppm ASHRAE odor control guidance; 5,000 ppm OSHA PEL; 30,000 ppm OSHA 15-minute short-term exposure limit	Indoor levels approached 1,000 in Bunkroom at night, but did not exceed either the ASHRAE guidance or the OSHA limits. See Figure 2.
Temperature	68°–74° F (winter); 73°–79° F (summer), ASHRAE comfort guidance	Temperatures were outside of summer recommended range for various periods. See Figure 3.
Relative Humidity	30-50% ASHRAE comfort guidance	Relative humidity was outside of recommended range for various periods. See Figure 4.
Mold	Substantially higher than outdoors	There is an absence of evidence to indicate the presence of mold growth affecting indoor air quality.
Bacteria	Bacterial levels substantially higher than outdoors.	There is an absence of evidence to indicate the significant presence of bacteria in indoor air.
VOCs	*Various*	See Table 2 for summary of results and comparison with Action Limits
Pentachlorophenol (PCP)	PEL: OSHA 0.5 mg/m^3	None detected. The detection limit for PCP in the samples was 0.002 mg/m^3.

Carbon monoxide (CO): CO is a gas formed from internal combustion engines and fires. It is toxic by reducing the oxygen carrying capacity of the blood. Exposure to concentrations above 1000 ppm can result in coma and death. Symptoms at lower levels include headache, dizziness, nausea, and drowsiness.

Carbon dioxide: Carbon dioxide is a colorless odorless gas that is a normal component of the atmosphere, coming from the normal breathing of animals. It is generally present at about 350 ppm. The presence of higher levels are present may be an indicator for inadequate air changes in an occupied structure.

Temperature: High temperatures can cause more accidents to occur because it lowers concentration levels. Dehydration caused by loss of fluids due to perspiration gives rise to cramps, headache, and fatigue. Heat stress causes symptoms of nausea, extreme tiredness, dizziness, clammy skin, racing pulse, fainting, and lower levels of concentration. Heat stroke occurs if the blood temperature exceeds 102°F and can cause confusion, incoherent speech, convulsions, organ damage, and possible death.

Humidity: Humid or damp conditions encourage the growth of mold and can cause discomfort to occupants. Low humidity can cause eye irritation and increase susceptibility to bacterial or viral illnesses.

Mold: Molds are forms of fungi found both indoors and outdoors. Outdoors, molds live in the soil, on plants, and on dead or decaying matter. Indoors, molds live on dirt and cellulose products such as wood and paper. Molds produce microscopic spores that spread easily through the air. Allergic reactions and irritation are the most common health effects for individuals sensitive to molds. Flu-like symptoms and skin rash may occur. Molds may also aggravate asthma. Infections from building-associated molds may occur in people with serious immune diseases. Most mold symptoms are temporary and eliminated by correcting the mold problem.

Bacteria: Bacteria are often found living in dirt and areas of moisture. Some bacteria are disease-causing, such as *Salmonella typhi* (the cause of typhoid fever), but most are relatively harmless to humans. Most bacterial health symptoms are temporary and eliminated by removing the bacteria or treating the patient with antibiotics. Endotoxin is considered the major bioactive agent of gram-negative bacteria and has been associated with respiratory symptoms and to complaints related to the indoor environment.

Volatile organic compounds (VOCs): are emitted as gases from certain solids or liquids. VOCs include a variety of chemicals, some of which may have short- and long-term adverse health effects. VOCs are emitted by a wide array of products including solvents, gasoline, paints and lacquers, paint strippers, cleaning supplies, pesticides, building materials and furnishings, copiers, printers, and adhesives.

Pentachlorophenol: In various products, pentachlorophenol has been used as a herbicide, algaecide, defoliant, wood preservative, germicide, fungicide, and molluscicide. As a wood preservative, it is commonly applied as a 0.1% solution in mineral spirits, NO 2 fuel oil, or kerosene. It is used in pressure treatment of lumber at 5% concentration. Weed killers contain higher concentrations. PCP is no longer available for over-the-counter sale in the USA.

Table 2: Comparison between the test results for individual volatile organic compounds as tested in November 2003 and August 2004

2003 Sample ID	2004 Sample ID	Analyte Name	2003 Result	2004 Result	Delta (2004-2003)	Action Limit	Units	Location
00-VOC-160C0S-FS31	00-VOC-1104	1,2,4-Trimethylbenzene	4	1	-3	40000	µg/m³	Outside/Deck
00-VOC-160C0S-FS31	00-VOC-1104	1,2,4-Trimethylbenzene	1	0	-1		ppb v/v	Outside/Deck
00-VOC-160C0S-FS31	00-VOC-1104	Acetone	2	1	-1	2400000	µg/m³	Outside/Deck
00-VOC-160C0S-FS31	00-VOC-1104	Acetone	1	0	-1		ppb v/v	Outside/Deck
00-VOC-160C0S-FS31	00-VOC-1104	Benzene	7	1	-6	3200	µg/m³	Outside/Deck
00-VOC-160C0S-FS31	00-VOC-1104	Benzene	2	0	-2		ppb v/v	Outside/Deck
00-VOC-160C0S-FS31	00-VOC-1104	Ethylbenzene	4	1	-3	435000	µg/m³	Outside/Deck
00-VOC-160C0S-FS31	00-VOC-1104	Ethylbenzene	1	0	-1		ppb v/v	Outside/Deck
00-VOC-160C0S-FS31	00-VOC-1104	Freon 11	1	1	0	5600000	µg/m³	Outside/Deck
00-VOC-160C0S-FS31	00-VOC-1104	Freon 11	0	0	0		ppb v/v	Outside/Deck
00-VOC-160C0S-FS31	00-VOC-1104	Freon 113	0	1	1	7600000	µg/m³	Outside/Deck
00-VOC-160C0S-FS31	00-VOC-1104	Freon 113	0	0	0		ppb v/v	Outside/Deck
00-VOC-160C0S-FS31	00-VOC-1104	m,p-Xylene	12	2	-10	435000	µg/m³	Outside/Deck
00-VOC-160C0S-FS31	00-VOC-1104	m,p-Xylene	3	0	-3		ppb v/v	Outside/Deck
00-VOC-160C0S-FS31	00-VOC-1104	o-Xylene	4	1	-3	435000	µg/m³	Outside/Deck
00-VOC-160C0S-FS31	00-VOC-1104	o-Xylene	1	0	-1		ppb v/v	Outside/Deck
00-VOC-160C0S-FS31	00-VOC-1104	Toluene	17	4	-13	750000	µg/m³	Outside/Deck
00-VOC-160C0S-FS31	00-VOC-1104	Toluene	4	1	-3		ppb v/v	Outside/Deck
01-VOC-153C0S-FS31	01-VOC-1103	1,2,4-Trimethylbenzene	5	1	-4		µg/m³	Watch Office
01-VOC-153C0S-FS31	01-VOC-1103	1,2,4-Trimethylbenzene	1	0	-1	25000	ppb v/v	Watch Office
01-VOC-153C0S-FS31	01-VOC-1103	4-Methyl-2-Pentanone	4	0	-4	410000	µg/m³	Watch Office
01-VOC-153C0S-FS31	01-VOC-1103	4-Methyl-2-Pentanone	1	0	-1		ppb v/v	Watch Office
01-VOC-153C0S-FS31	01-VOC-1103	Acetone	32	4	-28	2400000	µg/m³	Watch Office
01-VOC-153C0S-FS31	01-VOC-1103	Acetone	13	2	-11		ppb v/v	Watch Office
01-VOC-153C0S-FS31	01-VOC-1103	Benzene	6	2	-4	3200	µg/m³	Watch Office
01-VOC-153C0S-FS31	01-VOC-1103	Benzene	2	0	-2		ppb v/v	Watch Office
01-VOC-153C0S-FS31	01-VOC-1103	Carbon Tetrachloride	0	0	0	63000	µg/m³	Watch Office
01-VOC-153C0S-FS31	01-VOC-1103	Carbon Tetrachloride	0	0	0		ppb v/v	Watch Office
01-VOC-153C0S-FS31	01-VOC-1103	Ethylbenzene	4	1	-3	435000	µg/m³	Watch Office
01-VOC-153C0S-FS31	01-VOC-1103	Ethylbenzene	1	0	-1		ppb v/v	Watch Office
01-VOC-153C0S-FS31	01-VOC-1103	Freon 11	1	1	0	5600000	µg/m³	Watch Office

Table 2: Comparison between the test results for individual volatile organic compounds as tested in November 2003 and August 2004

2003 Sample ID	2004 Sample ID	Analyte Name	2003 Result	2004 Result	Delta (2004-2003)	Action Limit	Units	Location
01-VOC-153C0S-FS31	01-VOC-1103	Freon 11	0	0	0		ppb v/v	Watch Office
01-VOC-153C0S-FS31	01-VOC-1103	Freon 113	0	1	1	7600000	µg/m³	Watch Office
01-VOC-153C0S-FS31	01-VOC-1103	Freon 113	0	0	0		ppb v/v	Watch Office
01-VOC-153C0S-FS31	01-VOC-1103	m,p-Xylene	12	2	-10	435000	µg/m³	Watch Office
01-VOC-153C0S-FS31	01-VOC-1103	m,p-Xylene	3	1	-2		ppb v/v	Watch Office
01-VOC-153C0S-FS31	01-VOC-1103	o-Xylene	4	1	-3	435000	µg/m³	Watch Office
01-VOC-153C0S-FS31	01-VOC-1103	o-Xylene	1	0	-1		ppb v/v	Watch Office
01-VOC-153C0S-FS31	01-VOC-1103	Toluene	17	5	-12	750000	µg/m³	Watch Office
01-VOC-153C0S-FS31	01-VOC-1103	Toluene	4	1	-3		ppb v/v	Watch Office
05-VOC-159C0S-FS31	05-VOC-1102	1,2,4-Trimethylbenzene	5	1	-4		µg/m³	Kitchen
05-VOC-159C0S-FS31	05-VOC-1102	1,2,4-Trimethylbenzene	1	0	-1	25000	ppb v/v	Kitchen
05-VOC-159C0S-FS31	05-VOC-1102	2-Butanone	4	1	-3	590000	µg/m³	Kitchen
05-VOC-159C0S-FS31	05-VOC-1102	2-Butanone	1	0	-1		ppb v/v	Kitchen
05-VOC-159C0S-FS31	05-VOC-1102	Acetone	120	10	-110	2400000	µg/m³	Kitchen
05-VOC-159C0S-FS31	05-VOC-1102	Acetone	52	4	-48		ppb v/v	Kitchen
05-VOC-159C0S-FS31	05-VOC-1102	Benzene	7	1	-6	3200	µg/m³	Kitchen
05-VOC-159C0S-FS31	05-VOC-1102	Benzene	2	0	-2		ppb v/v	Kitchen
05-VOC-159C0S-FS31	05-VOC-1102	Carbon Tetrachloride	0	1	1	63000	µg/m³	Kitchen
05-VOC-159C0S-FS31	05-VOC-1102	Carbon Tetrachloride	0	0	0		ppb v/v	Kitchen
05-VOC-159C0S-FS31	05-VOC-1102	Dichlorodifluoromethane	1	1	0	4950000	µg/m³	Kitchen
05-VOC-159C0S-FS31	05-VOC-1102	Dichlorodifluoromethane	0	0	0		ppb v/v	Kitchen
05-VOC-159C0S-FS31	05-VOC-1102	Ethylbenzene	5	1	-4	435000	µg/m³	Kitchen
05-VOC-159C0S-FS31	05-VOC-1102	Ethylbenzene	1	0	-1		ppb v/v	Kitchen
05-VOC-159C0S-FS31	05-VOC-1102	Freon 11	1	1	0	5600000	µg/m³	Kitchen
05-VOC-159C0S-FS31	05-VOC-1102	Freon 11	0	0	0		ppb v/v	Kitchen
05-VOC-159C0S-FS31	05-VOC-1102	Freon 113	0	1	1	7600000	µg/m³	Kitchen
05-VOC-159C0S-FS31	05-VOC-1102	Freon 113	0	0	0		ppb v/v	Kitchen
05-VOC-159C0S-FS31	05-VOC-1102	m,p-Xylene	13	2	-11	435000	µg/m³	Kitchen
05-VOC-159C0S-FS31	05-VOC-1102	m,p-Xylene	3	1	-2		ppb v/v	Kitchen
05-VOC-159C0S-FS31	05-VOC-1102	Methylene Chloride	1	0	-1	87000	µg/m³	Kitchen
05-VOC-159C0S-FS31	05-VOC-1102	Methylene Chloride	0	0	0		ppb v/v	Kitchen
05-VOC-159C0S-FS31	05-VOC-1102	o-Xylene	6	1	-5	435000	µg/m³	Kitchen

Table 2: Comparison between the test results for individual volatile organic compounds as tested in November 2003 and August 2004

2003 Sample ID	2004 Sample ID	Analyte Name	2003 Result	2004 Result	Delta (2004-2003)	Action Limit	Units	Location
05-VOC-159C0S-FS31	05-VOC-1102	o-Xylene	1	0	-1		ppb v/v	Kitchen
05-VOC-159C0S-FS31	05-VOC-1102	Toluene	19	6	-13	750000	µg/m³	Kitchen
05-VOC-159C0S-FS31	05-VOC-1102	Toluene	5	2	-3		ppb v/v	Kitchen
11-VOC-154C0S-FS31	11-VOC-1107	1,2,4-Trimethylbenzene	5	4	-1		µg/m³	Weight Room
11-VOC-154C0S-FS31	11-VOC-1107	1,2,4-Trimethylbenzene	1	1	0	25000	ppb v/v	Weight Room
11-VOC-154C0S-FS31	11-VOC-1107	1,3,5-Trimethylbenzene	0	0	0	125000	ppb v/v	Weight Room
11-VOC-154C0S-FS31	11-VOC-1107	1,3,5-Trimethylbenzene	0	0	0		ppb v/v	Weight Room
11-VOC-154C0S-FS31	11-VOC-1107	4-Ethyl toluene	1	1	0	None found	µg/m³	Weight Room
11-VOC-154C0S-FS31	11-VOC-1107	4-Ethyl toluene	0	0	0		ppb v/v	Weight Room
11-VOC-154C0S-FS31	11-VOC-1107	4-Methyl-2-Pentanone	2	1	-1	410000	µg/m³	Weight Room
11-VOC-154C0S-FS31	11-VOC-1107	4-Methyl-2-Pentanone	0	0	0		ppb v/v	Weight Room
11-VOC-154C0S-FS31	11-VOC-1107	Acetone	22	6	-16	2400000	µg/m³	Weight Room
11-VOC-154C0S-FS31	11-VOC-1107	Acetone	9	3	-6		ppb v/v	Weight Room
11-VOC-154C0S-FS31	11-VOC-1107	Benzene	6	2	-4	3200	µg/m³	Weight Room
11-VOC-154C0S-FS31	11-VOC-1107	Benzene	2	1	-1		ppb v/v	Weight Room
11-VOC-154C0S-FS31	11-VOC-1107	Carbon Tetrachloride	0	1	1	63000	µg/m³	Weight Room
11-VOC-154C0S-FS31	11-VOC-1107	Carbon Tetrachloride	0	0	0		ppb v/v	Weight Room
11-VOC-154C0S-FS31	11-VOC-1107	Ethylbenzene	4	2	-2	435000	µg/m³	Weight Room
11-VOC-154C0S-FS31	11-VOC-1107	Ethylbenzene	1	0	-1		ppb v/v	Weight Room
11-VOC-154C0S-FS31	11-VOC-1107	Freon 11	1	1	0	560000	µg/m³	Weight Room
11-VOC-154C0S-FS31	11-VOC-1107	Freon 11	0	0	0		ppb v/v	Weight Room
11-VOC-154C0S-FS31	11-VOC-1107	Freon 113	0	1	1	7600000	µg/m³	Weight Room
11-VOC-154C0S-FS31	11-VOC-1107	Freon 113	0	0	0		ppb v/v	Weight Room
11-VOC-154C0S-FS31	11-VOC-1107	m,p-Xylene	11	6	-5	435000	µg/m³	Weight Room
11-VOC-154C0S-FS31	11-VOC-1107	m,p-Xylene	3	1	-2		ppb v/v	Weight Room
11-VOC-154C0S-FS31	11-VOC-1107	o-Xylene	4	3	-1	435000	µg/m³	Weight Room
11-VOC-154C0S-FS31	11-VOC-1107	o-Xylene	1	1	0		ppb v/v	Weight Room
11-VOC-154C0S-FS31	11-VOC-1107	Toluene	17	8	-9	750000	µg/m³	Weight Room
11-VOC-154C0S-FS31	11-VOC-1107	Toluene	4	2	-2		ppb v/v	Weight Room
14-VOC-161C0S-FS31	14-VOC-1108	1,2,4-Trimethylbenzene	16	2	-14		µg/m³	Open Dirt Area
14-VOC-161C0S-FS31	14-VOC-1108	1,2,4-Trimethylbenzene	3	0	-3	25000	ppb v/v	Open Dirt Area
14-VOC-161C0S-FS31	14-VOC-1108	1,3,5-Trimethylbenzene	1	0	-1	125000	ppb v/v	Open Dirt Area

Table 2: Comparison between the test results for individual volatile organic compounds as tested in November 2003 and August 2004

2003 Sample ID	2004 Sample ID	Analyte Name	2003 Result	2004 Result	Delta (2004-2003)	Action Limit	Units	Location
14-VOC-161C0S-FS31	14-VOC-1108	1,3,5-Trimethylbenzene	1	0	-1		ppb v/v	Open Dirt Area
14-VOC-161C0S-FS31	14-VOC-1108	4-Ethyl toluene	0	1	1	None found	µg/m³	Open Dirt Area
14-VOC-161C0S-FS31	14-VOC-1108	4-Ethyl toluene	0	0	0		ppb v/v	Open Dirt Area
14-VOC-161C0S-FS31	14-VOC-1108	4-Methyl-2-Pentanone	0	1	1	410000	µg/m³	Open Dirt Area
14-VOC-161C0S-FS31	14-VOC-1108	4-Methyl-2-Pentanone	0	0	0		ppb v/v	Open Dirt Area
14-VOC-161C0S-FS31	14-VOC-1108	Acetone	12	1	-11	2400000	µg/m³	Open Dirt Area
14-VOC-161C0S-FS31	14-VOC-1108	Acetone	5	0	-5		ppb v/v	Open Dirt Area
14-VOC-161C0S-FS31	14-VOC-1108	Benzene	25	1	-24	3200	µg/m³	Open Dirt Area
14-VOC-161C0S-FS31	14-VOC-1108	Benzene	8	0	-8		ppb v/v	Open Dirt Area
14-VOC-161C0S-FS31	14-VOC-1108	Ethylbenzene	7	1	-6	4950000	µg/m³	Open Dirt Area
14-VOC-161C0S-FS31	14-VOC-1108	Ethylbenzene	2	0	-2		ppb v/v	Open Dirt Area
14-VOC-161C0S-FS31	14-VOC-1108	m,p-Xylene	22	4	-18	435000	µg/m³	Open Dirt Area
14-VOC-161C0S-FS31	14-VOC-1108	m,p-Xylene	5	1	-4		ppb v/v	Open Dirt Area
14-VOC-161C0S-FS31	14-VOC-1108	o-Xylene	12	2	-10	435000	µg/m³	Open Dirt Area
14-VOC-161C0S-FS31	14-VOC-1108	o-Xylene	3	0	-3		ppb v/v	Open Dirt Area
14-VOC-161C0S-FS31	14-VOC-1108	Toluene	74	7	-67	750000	µg/m³	Open Dirt Area
14-VOC-161C0S-FS31	14-VOC-1108	Toluene	20	2	-18		ppb v/v	Open Dirt Area
16-VOC-156C0S-FS31	16-VOC-1106	1,2,4-Trimethylbenzene	5	4	-1		µg/m³	Diesel Gen Area
16-VOC-156C0S-FS31	16-VOC-1106	1,2,4-Trimethylbenzene	1	1	0	25000	ppb v/v	Diesel Gen Area
16-VOC-156C0S-FS31	16-VOC-1106	1,3,5-Trimethylbenzene	0	0	0	125000	ppb v/v	Diesel Gen Area
16-VOC-156C0S-FS31	16-VOC-1106	1,3,5-Trimethylbenzene	0	0	0		ppb v/v	Diesel Gen Area
16-VOC-156C0S-FS31	16-VOC-1106	4-Ethyl toluene	2	1	-1	None found	µg/m³	Diesel Gen Area
16-VOC-156C0S-FS31	16-VOC-1106	4-Ethyl toluene	0	0	0		ppb v/v	Diesel Gen Area
16-VOC-156C0S-FS31	16-VOC-1106	4-Methyl-2-Pentanone	1	2	1	410000	µg/m³	Diesel Gen Area
16-VOC-156C0S-FS31	16-VOC-1106	4-Methyl-2-Pentanone	0	0	0		ppb v/v	Diesel Gen Area
16-VOC-156C0S-FS31	16-VOC-1106	Benzene	6	2	-4	3200	µg/m³	Diesel Gen Area
16-VOC-156C0S-FS31	16-VOC-1106	Benzene	2	1	-1		ppb v/v	Diesel Gen Area
16-VOC-156C0S-FS31	16-VOC-1106	Carbon Tetrachloride	0	1	1	63000	µg/m³	Diesel Gen Area
16-VOC-156C0S-FS31	16-VOC-1106	Carbon Tetrachloride	0	0	0		ppb v/v	Diesel Gen Area
16-VOC-156C0S-FS31	16-VOC-1106	Ethylbenzene	4	2	-2	435000	µg/m³	Diesel Gen Area
16-VOC-156C0S-FS31	16-VOC-1106	Ethylbenzene	1	0	-1		ppb v/v	Diesel Gen Area
16-VOC-156C0S-FS31	16-VOC-1106	Freon 11	1	2	1	560000	µg/m³	Diesel Gen Area

Table 2: Comparison between the test results for individual volatile organic compounds as tested in November 2003 and August 2004

2003 Sample ID	2004 Sample ID	Analyte Name	2003 Result	2004 Result	Delta (2004-2003)	Action Limit	Units	Location
16-VOC-156C0S-FS31	16-VOC-1106	Freon 11	0	0	0		ppb v/v	Diesel Gen Area
16-VOC-156C0S-FS31	16-VOC-1106	Freon 113	0	1	1	7600000	µg/m³	Diesel Gen Area
16-VOC-156C0S-FS31	16-VOC-1106	Freon 113	0	0	0		ppb v/v	Diesel Gen Area
16-VOC-156C0S-FS31	16-VOC-1106	m,p-Xylene	12	7	-5	435000	µg/m³	Diesel Gen Area
16-VOC-156C0S-FS31	16-VOC-1106	m,p-Xylene	3	2	-1		ppb v/v	Diesel Gen Area
16-VOC-156C0S-FS31	16-VOC-1106	o-Xylene	5	3	-2	435000	µg/m³	Diesel Gen Area
16-VOC-156C0S-FS31	16-VOC-1106	o-Xylene	1	1	0		ppb v/v	Diesel Gen Area
16-VOC-156C0S-FS31	16-VOC-1106	Toluene	17	10	-7	750000	µg/m³	Diesel Gen Area
16-VOC-156C0S-FS31	16-VOC-1106	Toluene	4	2	-2		ppb v/v	Diesel Gen Area
16-VOC-156C0S-FS31	16-VOC-1106	Trichloroethene	1	1	0	270000	µg/m³	Diesel Gen Area
16-VOC-156C0S-FS31	16-VOC-1106	Trichloroethene	0	0	0		ppb v/v	Diesel Gen Area
20-VOC-162C0S-FS31	20-VOC-1101	1,1,1-Trichloroethane	0	0	0	125000	µg/m³	Sink Room
20-VOC-162C0S-FS31	20-VOC-1101	1,1,1-Trichloroethane	0	0	0		ppb v/v	Sink Room
20-VOC-162C0S-FS31	20-VOC-1101	1,2,4-Trimethylbenzene	5	42	37		µg/m³	Sink Room
20-VOC-162C0S-FS31	20-VOC-1101	1,2,4-Trimethylbenzene	1	8	7	25000	ppb v/v	Sink Room
20-VOC-162C0S-FS31	20-VOC-1101	1,3,5-Trimethylbenzene	0	2		125000	ppb v/v	Sink Room
20-VOC-162C0S-FS31	20-VOC-1101	1,3,5-Trimethylbenzene	0	2	2		ppb v/v	Sink Room
20-VOC-162C0S-FS31	20-VOC-1101	1,4-Dichlorobenzene	0	1	1	450000	µg/m³	Sink Room
20-VOC-162C0S-FS31	20-VOC-1101	1,4-Dichlorobenzene	0	0	0		ppb v/v	Sink Room
20-VOC-162C0S-FS31	20-VOC-1101	2-Butanone	1	3	2	590000	µg/m³	Sink Room
20-VOC-162C0S-FS31	20-VOC-1101	2-Butanone	0	1	1		ppb v/v	Sink Room
20-VOC-162C0S-FS31	20-VOC-1101	4-Ethyl toluene	2	7	5	None found	µg/m³	Sink Room
20-VOC-162C0S-FS31	20-VOC-1101	4-Ethyl toluene	0	1	1		ppb v/v	Sink Room
20-VOC-162C0S-FS31	20-VOC-1101	Acetone	17	110	93	2400000	µg/m³	Sink Room
20-VOC-162C0S-FS31	20-VOC-1101	Acetone	7	45	38		ppb v/v	Sink Room
20-VOC-162C0S-FS31	20-VOC-1101	Benzene	5	11	6	3200	µg/m³	Sink Room
20-VOC-162C0S-FS31	20-VOC-1101	Benzene	2	4	2		ppb v/v	Sink Room
20-VOC-162C0S-FS31	20-VOC-1101	Carbon Disulfide	0	0	0	62000	µg/m³	Sink Room
20-VOC-162C0S-FS31	20-VOC-1101	Carbon Disulfide	0	0	0		ppb v/v	Sink Room
20-VOC-162C0S-FS31	20-VOC-1101	Carbon Tetrachloride	0	2	2	63000	µg/m³	Sink Room
20-VOC-162C0S-FS31	20-VOC-1101	Carbon Tetrachloride	0	0	0		ppb v/v	Sink Room
20-VOC-162C0S-FS31	20-VOC-1101	Chloroform	6	21	15	240000	µg/m³	Sink Room

Table 2: Comparison between the test results for individual volatile organic compounds as tested in November 2003 and August 2004

2003 Sample ID	2004 Sample ID	Analyte Name	2003 Result	2004 Result	Delta (2004-2003)	Action Limit	Units	Location
20-VOC-162C0S-FS31	20-VOC-1101	Chloroform	1	4	3		ppb v/v	Sink Room
20-VOC-162C0S-FS31	20-VOC-1101	Ethylbenzene	4	7	3	435000	µg/m³	Sink Room
20-VOC-162C0S-FS31	20-VOC-1101	Ethylbenzene	1	2	1		ppb v/v	Sink Room
20-VOC-162C0S-FS31	20-VOC-1101	Freon 11	1	17	16	560000	µg/m³	Sink Room
20-VOC-162C0S-FS31	20-VOC-1101	Freon 11	0	3	3		ppb v/v	Sink Room
20-VOC-162C0S-FS31	20-VOC-1101	Freon 113	0	3	3	7600000	µg/m³	Sink Room
20-VOC-162C0S-FS31	20-VOC-1101	Freon 113	0	0	0		ppb v/v	Sink Room
20-VOC-162C0S-FS31	20-VOC-1101	m,p-Xylene	11	29	18	435000	µg/m³	Sink Room
20-VOC-162C0S-FS31	20-VOC-1101	m,p-Xylene	3	7	4		ppb v/v	Sink Room
20-VOC-162C0S-FS31	20-VOC-1101	o-Xylene	5	14	9	435000	µg/m³	Sink Room
20-VOC-162C0S-FS31	20-VOC-1101	o-Xylene	1	3	2		ppb v/v	Sink Room
20-VOC-162C0S-FS31	20-VOC-1101	Styrene	1	0	-1	426000	µg/m³	Sink Room
20-VOC-162C0S-FS31	20-VOC-1101	Styrene	0	0	0		ppb v/v	Sink Room
20-VOC-162C0S-FS31	20-VOC-1101	Tetrachloroethene	1	3	2	678000	µg/m³	Sink Room
20-VOC-162C0S-FS31	20-VOC-1101	Tetrachloroethene	0	0	0		ppb v/v	Sink Room
20-VOC-162C0S-FS31	20-VOC-1101	Toluene	15	30	15	750000	µg/m³	Sink Room
20-VOC-162C0S-FS31	20-VOC-1101	Toluene	4	8	4		ppb v/v	Sink Room
20-VOC-162C0S-FS31	20-VOC-1101	Trichloroethene	2	78	76	270000	µg/m³	Sink Room
20-VOC-162C0S-FS31	20-VOC-1101	Trichloroethene	0	15	15		ppb v/v	Sink Room
29-VOC-157C0S-FS31	29-VOC-1105	1,2,4-Trimethylbenzene	5	3	-2	125000	µg/m³	Bunkroom
29-VOC-157C0S-FS31	29-VOC-1105	1,2,4-Trimethylbenzene	1	1	0		ppb v/v	Bunkroom
29-VOC-157C0S-FS31	29-VOC-1105	1,3,5-Trimethylbenzene	0	0	0		ppb v/v	Bunkroom
29-VOC-157C0S-FS31	29-VOC-1105	1,3,5-Trimethylbenzene	0	0	0	25000	ppb v/v	Bunkroom
29-VOC-157C0S-FS31	29-VOC-1105	2-Butanone	3	1	-2	590000	µg/m³	Bunkroom
29-VOC-157C0S-FS31	29-VOC-1105	2-Butanone	1	0	-1		ppb v/v	Bunkroom
29-VOC-157C0S-FS31	29-VOC-1105	4-Ethyl toluene	2	1	-1	None found	µg/m³	Bunkroom
29-VOC-157C0S-FS31	29-VOC-1105	4-Ethyl toluene	0	0	0		ppb v/v	Bunkroom
29-VOC-157C0S-FS31	29-VOC-1105	4-Methyl-2-Pentanone	6	1	-5	410000	µg/m³	Bunkroom
29-VOC-157C0S-FS31	29-VOC-1105	4-Methyl-2-Pentanone	1	0	-1		ppb v/v	Bunkroom
29-VOC-157C0S-FS31	29-VOC-1105	Acetone	57	18	-39	2400000	µg/m³	Bunkroom
29-VOC-157C0S-FS31	29-VOC-1105	Acetone	24	8	-16		ppb v/v	Bunkroom
29-VOC-157C0S-FS31	29-VOC-1105	Benzene	6	4	-2	3200	µg/m³	Bunkroom

Table 2: Comparison between the test results for individual volatile organic compounds as tested in November 2003 and August 2004

2003 Sample ID	2004 Sample ID	Analyte Name	2003 Result	2004 Result	Delta (2004-2003)	Action Limit	Units	Location
29-VOC-157C0S-FS31	29-VOC-1105	Benzene	2	1	-1		ppb v/v	Bunkroom
29-VOC-157C0S-FS31	29-VOC-1105	Carbon Tetrachloride	0	2	2	63000	µg/m³	Bunkroom
29-VOC-157C0S-FS31	29-VOC-1105	Carbon Tetrachloride	0	0	0		ppb v/v	Bunkroom
29-VOC-157C0S-FS31	29-VOC-1105	Chloromethane	0	1	1	2600000	µg/m³	Bunkroom
29-VOC-157C0S-FS31	29-VOC-1105	Chloromethane	0	0	0		ppb v/v	Bunkroom
29-VOC-157C0S-FS31	29-VOC-1105	Dichlorodifluoromethane	1	4	3	4950000	µg/m³	Bunkroom
29-VOC-157C0S-FS31	29-VOC-1105	Dichlorodifluoromethane	0	1	1		ppb v/v	Bunkroom
29-VOC-157C0S-FS31	29-VOC-1105	Ethylbenzene	5	2	-3	435000	µg/m³	Bunkroom
29-VOC-157C0S-FS31	29-VOC-1105	Ethylbenzene	1	0	-1		ppb v/v	Bunkroom
29-VOC-157C0S-FS31	29-VOC-1105	Freon 11	1	4	3	560000	µg/m³	Bunkroom
29-VOC-157C0S-FS31	29-VOC-1105	Freon 11	0	1	1		ppb v/v	Bunkroom
29-VOC-157C0S-FS31	29-VOC-1105	Freon 113	0	2	2	7600000	µg/m³	Bunkroom
29-VOC-157C0S-FS31	29-VOC-1105	Freon 113	0	0	0		ppb v/v	Bunkroom
29-VOC-157C0S-FS31	29-VOC-1105	m,p-Xylene	12	6	-6	435000	µg/m³	Bunkroom
29-VOC-157C0S-FS31	29-VOC-1105	m,p-Xylene	3	1	-2		ppb v/v	Bunkroom
29-VOC-157C0S-FS31	29-VOC-1105	Methylene Chloride	2	1	-1	87000	µg/m³	Bunkroom
29-VOC-157C0S-FS31	29-VOC-1105	Methylene Chloride	0	0	0		ppb v/v	Bunkroom
29-VOC-157C0S-FS31	29-VOC-1105	o-Xylene	5	2	-3	435000	µg/m³	Bunkroom
29-VOC-157C0S-FS31	29-VOC-1105	o-Xylene	1	1	0		ppb v/v	Bunkroom
29-VOC-157C0S-FS31	29-VOC-1105	Tetrachloroethene	1	1	0	678000	µg/m³	Bunkroom
29-VOC-157C0S-FS31	29-VOC-1105	Tetrachloroethene	0	0	0		ppb v/v	Bunkroom
29-VOC-157C0S-FS31	29-VOC-1105	Toluene	17	12	-5	750000	µg/m³	Bunkroom
29-VOC-157C0S-FS31	29-VOC-1105	Toluene	4	3	-1		ppb v/v	Bunkroom

µg/m³ Microgram per cubic meter
ppb v/v: Parts per billion – based on volume; i.e.: micro liter per cubic meter: µL/m³
Action Limit: If available, this is the Washington Department of Labor and Industry "Permissible Exposure Limit" (PEL), or the OSHA PEL or in case a substance is not OSHA/WISHA regulated, the TLV (Threshold Limit Value) as suggested by the American Conference of Governmental Industrial Hygienists, Inc. (ACGIH), or National Institute for Occupational Safety and Health (NIOSH) recommendations.

Figure 1 - Carbon Monoxide Measurements

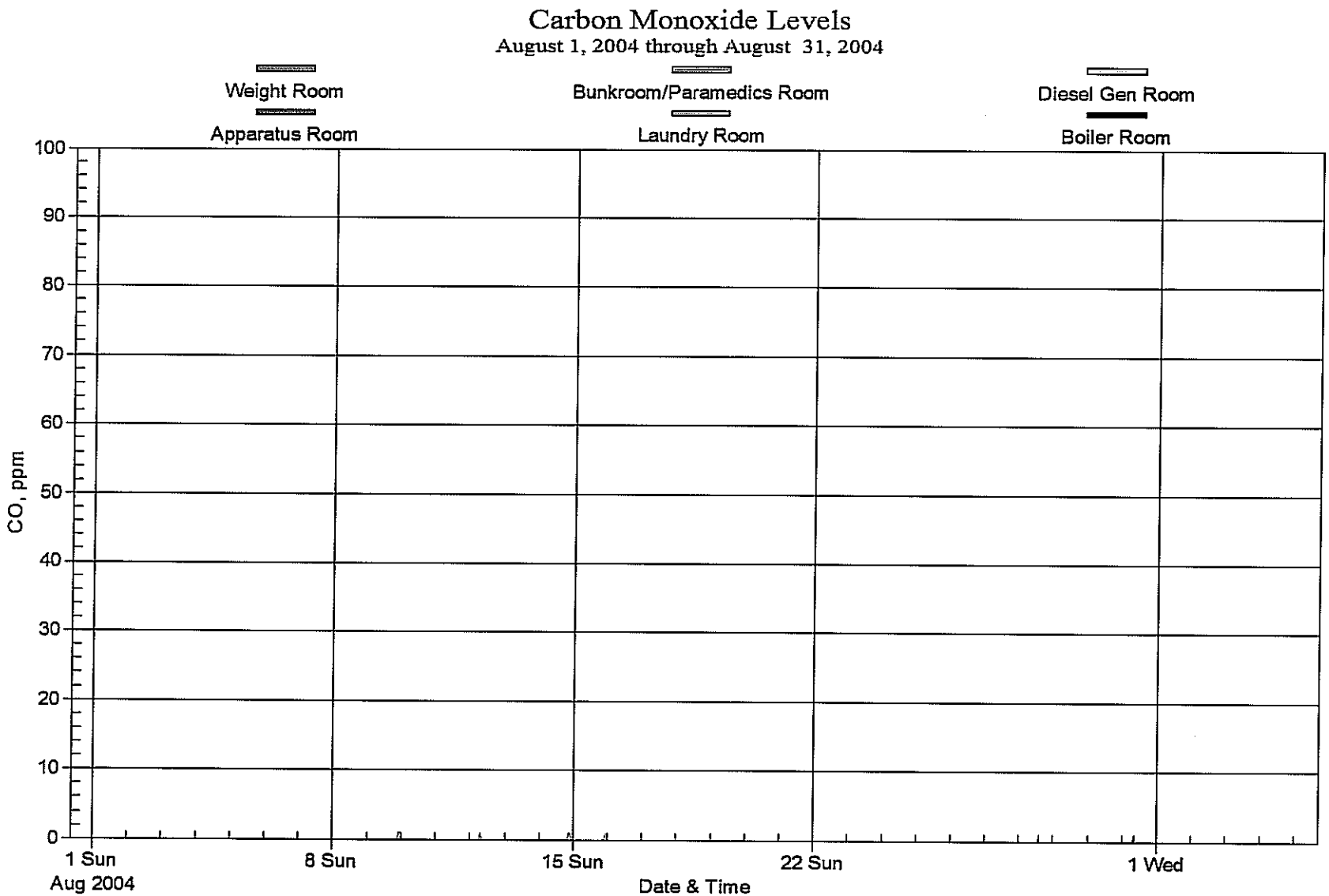


Figure 2 - Carbon Dioxide Measurements

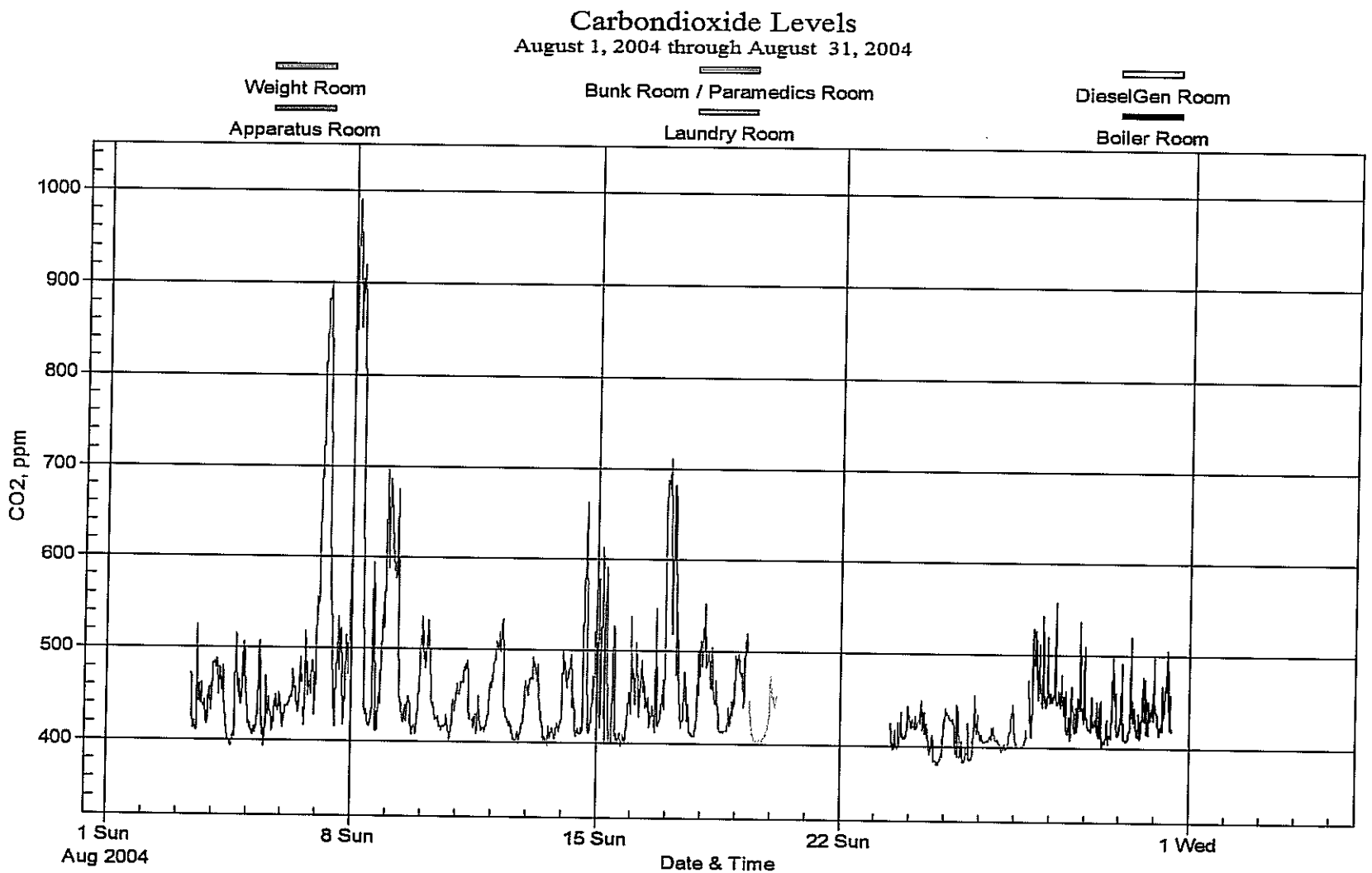


Figure 3 – Temperature Measurements

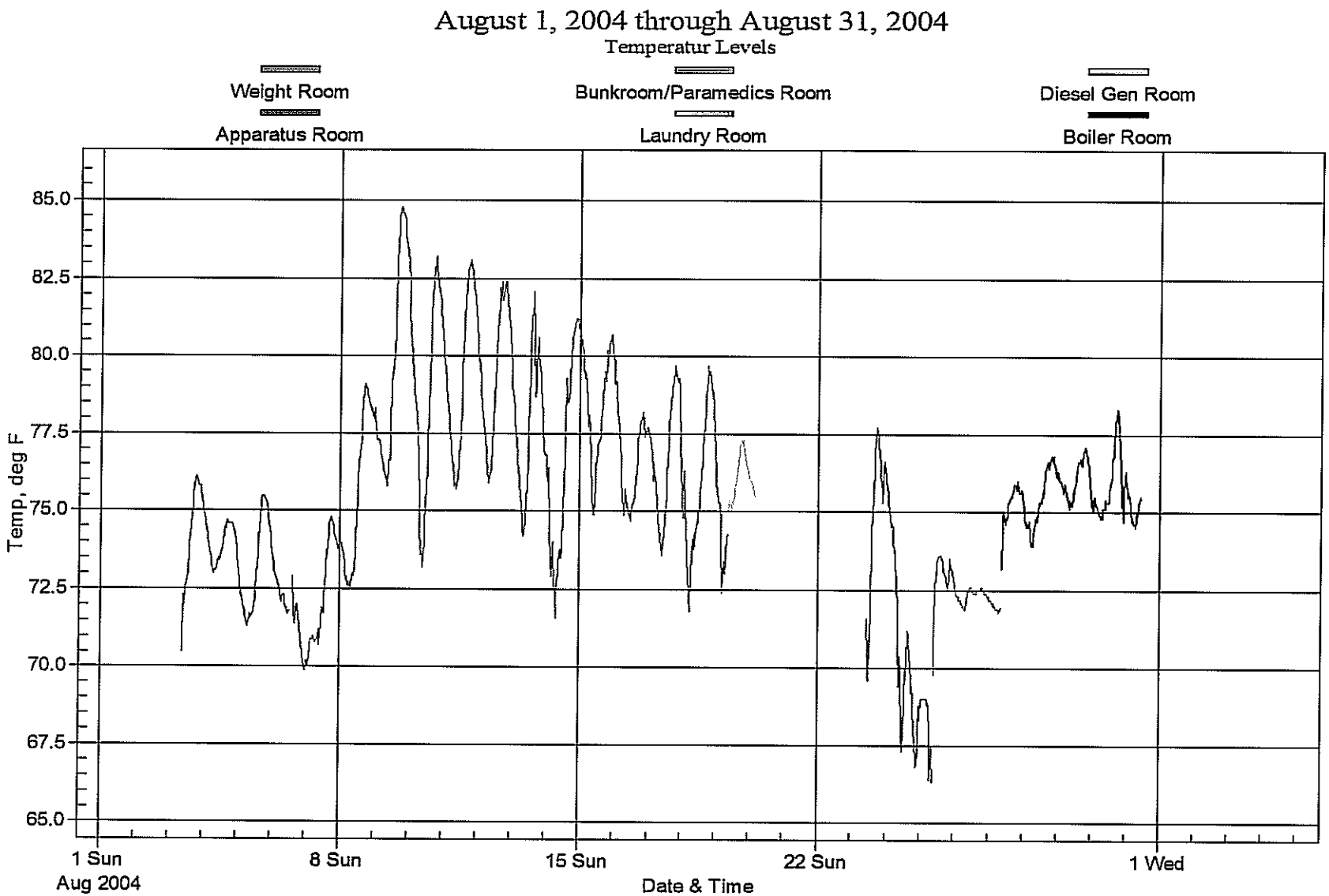
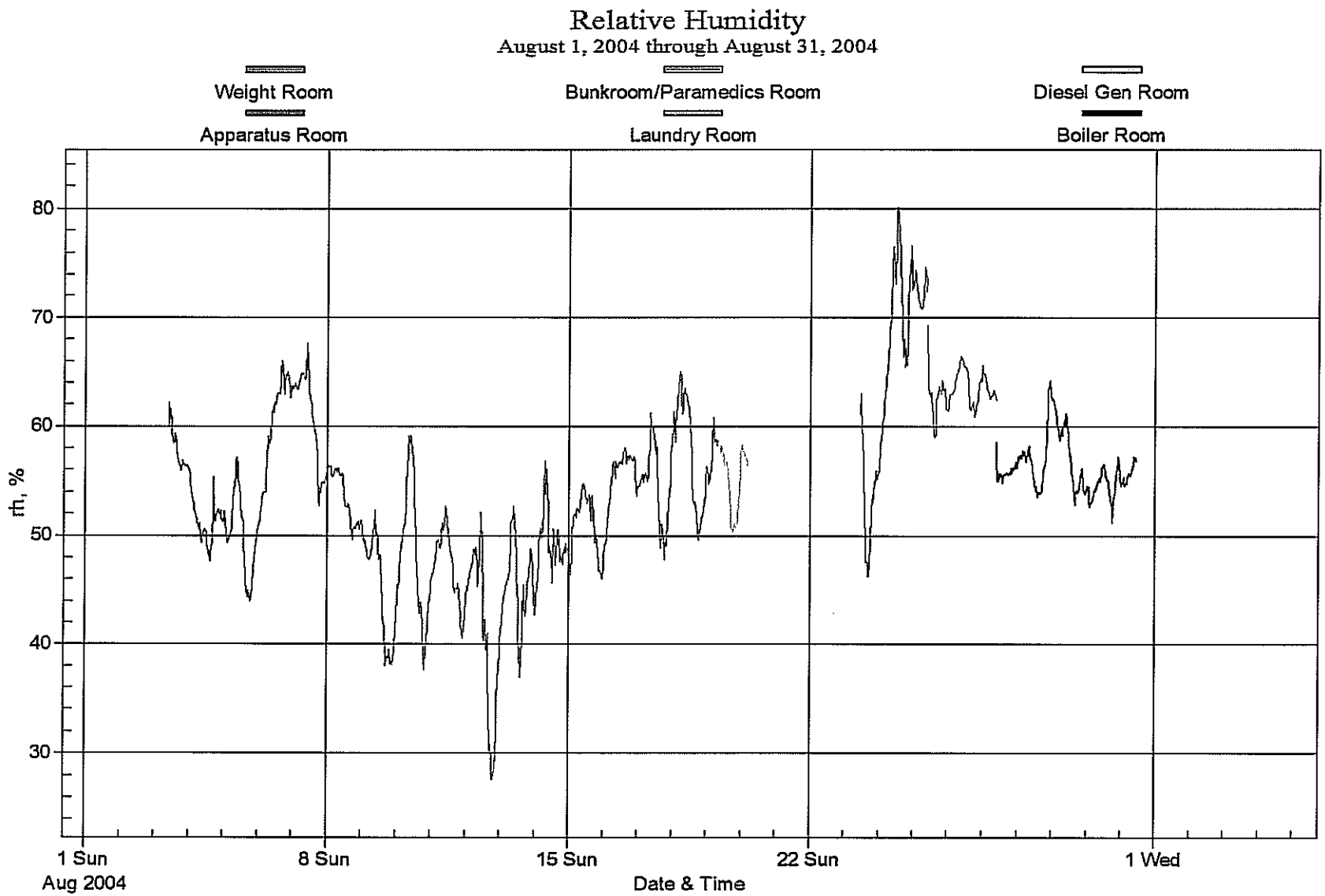


Figure 4 – Relative Humidity Measurements



APPENDICES

Appendix A. Testing Methods and Action Limits

Table A-1 – Air Test Methods for Other Known Health Hazards

Hazard	Method	Limits PEL[1]	REL[2]	EPA[3]	Other
Carbon monoxide (CO)	IAQ Calc	35 ppm	35 ppm		25 ppm ACGIH
Carbon dioxide	IAQ Calc	5,000 ppm	5,000 ppm		1,000 ppm ASHRAE odor control
Temperature	IAQ Calc	NE	NE	NE	68°–74° F (winter); 73°–79° F (summer), ASHRAE comfort
Humidity	IAQ Calc	NE	NE	NE	30-50% ASHRAE comfort
Mold	Anderson 5-plate[4]	NE	NE	NE	Substantially higher than outdoors
Bacteria	Anderson TSA[5]	NE	NE	NE	Substantially higher than outdoors
Volatile organic compounds (VOCs)	TO-17	Various	Various		
Pentachlorophenol (PCP)	OSHA Method 39	0.5 mg/m^3	0.5 mg/m^3		0.5 mg/m^3 ACGIH

NE – Not established
[1] PEL – Permissible Exposure Limit (WISHA) – 8-hr Time Weighted Average (TWA)
[2] REL -- Recommended Exposure Limit (NIOSH) – 8-hr TWA
[3] EPA – Environmental Protection Agency Recommendation
[4] 5-plate media consists of 2 malt extract agar plates, 2 cornmeal agar plates, and 1 DG-18 agar plate
[5] TSA – Tryptic soy agar

Appendix B. Sample Location Figures and Data Tables

Figure B-1 – Sample Location Map, Fire Station 31: Basement

Figure B-2 – Sample Location Map, Fire Station 31: First Floor

Figure B-3 – Sample Location Map, Fire Station 31: Second Floor

Table B-1 – Sampling and Analytical Data: All Samples (Summer 2004)

Sample ID on Figure[a]	Sample ID in Lab Report[b]	Type of Sample	Date	Liters of air	Loc Code[c]	Specific Location		Results[d]	Units[e]
mold-1001	COS-FS31-mold-1001-C	Mold-Airborne viable spore count	7/30/2004	85.2	00	Pre-Outdoors		317	CFU/m^3
mold-1002	COS-FS31-mold-1002-D	Mold-Airborne viable spore count	7/30/2004	85.2	00	Pre-Outdoors		704	CFU/m^3
Mold-1003	COS-FS31-mold-1003-D	Mold-Airborne viable spore count	7/30/2004	85.2	00	Pre-Outdoors		484	CFU/m^3
Mold-1004	COS-FS31-mold-1004-M	Mold-Airborne viable spore count	7/30/2004	85.2	00	Pre-Outdoors		361	CFU/m^3
mold-1005	COS-FS31-mold-1005-M	Mold-Airborne viable spore count	7/30/2004	85.2	00	Pre-Outdoors		457	CFU/m^3
bact-1006	COS-FS31-BACT-1006-T	Bacteria-Airborne viable count	7/30/2004	85.2	00	Pre-Outdoors		93	CFU/m^3
mold-1007	COS-FS31-mold-1007-C	Mold-Airborne viable spore count	7/30/2004	85.2	01	Watch Room		190	CFU/m^3
Mold-1008	COS-FS31-mold-1008-D	Mold-Airborne viable spore count	7/30/2004	85.2	01	Watch Room		623	CFU/m^3
mold-1009	COS-FS31-mold-1009-D	Mold-Airborne viable spore count	7/30/2004	85.2	01	Watch Room		684	CFU/m^3
mold-1010	COS-FS31-mold-1010-M	Mold-Airborne viable spore count	7/30/2004	85.2	01	Watch Room		421	CFU/m^3
mold-1011	COS-FS31-mold-1011-M	Mold-Airborne viable spore count	7/30/2004	85.2	01	Watch Room		292	CFU/m^3
bact-1012	COS-FS31-BACT-1012-T	Mold-Airborne viable spore count	7/30/2004	85.2	01	Watch Room		82	CFU/m^3
mold-1013	COS-FS31-mold-1013-C	Mold-Airborne viable spore count	7/30/2004	85.2	19	Apparatus Room		226	CFU/m^3
mold-1014	COS-FS31-mold-1014-D	Mold-Airborne viable spore count	7/30/2004	85.2	19	Apparatus Room		573	CFU/m^3
mold-1015	COS-FS31-mold-1015-D	Mold-Airborne viable spore count	7/30/2004	85.2	19	Apparatus Room		361	CFU/m^3
mold-1016	COS-FS31-mold-1016-M	Mold-Airborne viable spore count	7/30/2004	85.2	19	Apparatus Room		268	CFU/m^3
Mold-1017	COS-FS31-mold-1017-M	Mold-Airborne viable spore count	7/30/2004	85.2	19	Apparatus Room		224	CFU/m^3
mold-1018	COS-FS31-BACT-1018-T	Bacteria-Airborne viable count	7/30/2004	85.2	19	Apparatus Room		514	CFU/m^3
mold-1019	COS-FS31-mold-1019-C	Mold-Airborne viable spore count	7/30/2004	85.2	20	Battery Room		202	CFU/m^3
mold - 1020	COS-FS31-mold-1020-D	Mold-Airborne viable spore count	7/30/2004	85.2	20	Battery Room		585	CFU/m^3
mold-1021	COS-FS31-mold-1021-D	Mold-Airborne viable spore count	7/30/2004	85.2	20	Battery Room		478	CFU/m^3
mold-1022	COS-FS31-mold-1022-M	Mold-Airborne viable spore count	7/30/2004	85.2	20	Battery Room		292	CFU/m^3
mold-1023	COS-FS31-mold-1023-M	Mold-Airborne viable spore count	7/30/2004	85.2	20	Battery Room		215	CFU/m^3
Bact-1024	COS-FS31-BACT-1024-T	Bacteria-Airborne viable count	7/30/2004	85.2	20	Battery Room		966	CFU/m^3
mold-1025	COS-FS31-mold-1025-C	Mold-Airborne viable spore count	7/30/2004	85.2	21	Hose Tower		105	CFU/m^3
mold-1026	COS-FS31-mold-1026-D	Mold-Airborne viable spore count	7/30/2004	85.2	21	Hose Tower		400	CFU/m^3
bact-1027	COS-FS31-mold-1027-D	Mold-Airborne viable spore count	7/30/2004	85.2	21	Hose Tower		342	CFU/m^3

Table B-1 – Sampling and Analytical Data: All Samples (Summer 2004)

Sample ID on Figure[a]	Sample ID in Lab Report[b]	Type of Sample	Date	Liters of air	Loc Code[c]	Specific Location		Results[d]	Units[e]
mold-1028	COS-FS31-mold-1028-M	Mold-Airborne viable spore count	7/30/2004	85.2	21	Hose Tower		211	CFU/m^3
mold-1029	COS-FS31-mold-1029-M	Mold-Airborne viable spore count	7/30/2004	85.2	21	Hose Tower		286	CFU/m^3
bact-1030	COS-FS31-BACT-1030-T	Bacteria-Airborne viable count	7/30/2004	85.2	21	Hose Tower		408	CFU/m^3
mold-1031	COS-FS31-mold-1031-C	Mold-Airborne viable spore count	7/30/2004	85.2	11	Weight Room		362	CFU/m^3
mold-1032	COS-FS31-mold-1035-D	Mold-Airborne viable spore count	7/30/2004	85.2	11	Weight Room		355	CFU/m^3
mold-1033	COS-FS31-mold-1033-D	Mold-Airborne viable spore count	7/30/2004	85.2	11	Weight Room		495	CFU/m^3
mold-1034	COS-FS31-mold-1034-M	Mold-Airborne viable spore count	7/30/2004	85.2	11	Weight Room		595	CFU/m^3
mold-1035	COS-FS31-mold-1035-M	Mold-Airborne viable spore count	7/30/2004	85.2	11	Weight Room		326	CFU/m^3
bact-1036	COS-FS31-BACT-1036-T	Bacteria-Airborne viable count	7/30/2004	85.2	11	Weight Room		858	CFU/m^3
mold-1037	COS-FS31-mold-1037-C	Mold-Airborne viable spore count	7/30/2004	85.2	12	Women's Restroom		274	CFU/m^3
mold-1038	COS-FS31-mold-1038-D	Mold-Airborne viable spore count	7/30/2004	85.2	12	Women's Restroom		662	CFU/m^3
mold-1039	COS-FS31-mold-1039-D	Mold-Airborne viable spore count	7/30/2004	85.2	12	Women's Restroom		294	CFU/m^3
mold-1040	COS-FS31-mold-1040-M	Mold-Airborne viable spore count	7/30/2004	85.2	12	Women's Restroom		222	CFU/m^3
mold-1041	COS-FS31-mold-1041-M	Mold-Airborne viable spore count	7/30/2004	85.2	12	Women's Restroom		345	CFU/m^3
bact-1042	COS-FS31-BACT-1042-T	Bacteria-Airborne viable count	7/30/2004	85.2	12	Women's Restroom		878	CFU/m^3
mold-1043	COS-FS31-mold-1043-C	Mold-Airborne viable spore count	7/30/2004	85.2	13	Laundry Room		242	CFU/m^3
mold-1044	COS-FS31-mold-1044-D	Mold-Airborne viable spore count	7/30/2004	85.2	13	Laundry Room		608	CFU/m^3
mold-1045	COS-FS31-mold-1045-D	Mold-Airborne viable spore count	7/30/2004	85.2	13	Laundry Room		377	CFU/m^3
Mold-1046	COS-FS31-mold-1046-M	Mold-Airborne viable spore count	7/30/2004	85.2	13	Laundry Room		Invalid sample	CFU/m^3
Mold-1047	COS-FS31-mold-1047-M	Mold-Airborne viable spore count	7/30/2004	85.2	13	Laundry Room		290	CFU/m^3
bact-1048	COS-FS31-BACT-1048-T	Bacteria-Airborne viable count	7/30/2004	85.2	13	Laundry Room		627	CFU/m^3
Mold-1049	COS-FS31-mold-1049-C	Mold-Airborne viable spore count	7/30/2004	85.2	28	Upstairs Bathroom		262	CFU/m^3
mold-1050	COS-FS31-mold-1050-D	Mold-Airborne viable spore count	7/30/2004	85.2	28	Upstairs Bathroom		422	mg/m^3
mold-1051	COS-FS31-mold-1051-D	Mold-Airborne viable spore count	7/30/2004	85.2	28	Upstairs Bathroom		268	mg/m^3
mold-1052	COS-FS31-mold-1052-M	Mold-Airborne viable spore count	7/30/2004	85.2	28	Upstairs Bathroom		264	CFU/m^3
mold-1053	COS-FS31-mold-1053-M	Mold-Airborne viable spore count	7/30/2004	85.2	28	Upstairs Bathroom		223	CFU/m^3
bact-1054	COS-FS31-BACT-1054-T	Bacteria-Airborne viable count	7/30/2004	85.2	28	Upstairs Bathroom		187	CFU/m^3
mold-1055	COS-FS31-mold-1055-C	Mold-Airborne viable spore count	7/30/2004	85.2	29	Bunkroom		153	CFU/m^3

Table B-1 – Sampling and Analytical Data: All Samples (Summer 2004)

Sample ID on Figure[a]	Sample ID in Lab Report[b]	Type of Sample	Date	Liters of air	Loc Code[c]	Specific Location		Results[d]	Units[e]
mold-1056	COS-FS31-mold-1056-D	Mold-Airborne viable spore count	7/30/2004	85.2	29	Bunkroom		233	CFU/m^3
mold-1057	COS-FS31-mold-1057-D	Mold-Airborne viable spore count	7/30/2004	85.2	29	Bunkroom		153	CFU/m^3
mold-1058	COS-FS31-mold-1058-M	Mold-Airborne viable spore count	7/30/2004	85.2	29	Bunkroom		190	CFU/m^3
mold-1059	COS-FS31-mold-1059-M	Mold-Airborne viable spore count	7/30/2004	85.2	29	Bunkroom		300	CFU/m^3
bact-1060	COS-FS31-BACT-1060-T	Bacteria-Airborne viable count	7/30/2004	85.2	29	Bunkroom		881	CFU/m^3
mold-1061	COS-FS31-mold-1061-C	Mold-Airborne viable spore count	7/30/2004	85.2	30	Paramedic Room		153	CFU/m^3
mold-1062	COS-FS31-mold-1062-D	Mold-Airborne viable spore count	7/30/2004	85.2	30	Paramedic Room		267	CFU/m^3
mold-1063	COS-FS31-mold-1063-D	Mold-Airborne viable spore count	7/30/2004	85.2	30	Paramedic Room		225	CFU/m^3
mold-1064	COS-FS31-mold-1064-M	Mold-Airborne viable spore count	7/30/2004	85.2	30	Paramedic Room		228	CFU/m^3
Mold-1065	COS-FS31-mold-1065-M	Mold-Airborne viable spore count	7/30/2004	85.2	30	Paramedic Room		141	CFU/m^3
bact-1066	COS-FS31-BACT-1066-T	Bacteria-Airborne viable count	7/30/2004	85.2	00	Paramedic Room		167	CFU/m^3
mold-1067	COS-FS31-mold-1067-C	Mold-Airborne viable spore count	7/30/2004	85.2	00	Post-Outdoors		202	CFU/m^3
mold-1068	COS-FS31-mold-1068-D	Mold-Airborne viable spore count	7/30/2004	85.2	00	Post-Outdoors		362	CFU/m^3
mold-1069	COS-FS31-mold-1069-D	Mold-Airborne viable spore count	7/30/2004	85.2	00	Post-Outdoors		209	CFU/m^3
mold-1070	COS-FS31-mold-1070-M	Mold-Airborne viable spore count	7/30/2004	85.2	00	Post-Outdoors		197	CFU/m^3
mold-1071	COS-FS31-mold-1071-M	Mold-Airborne viable spore count	7/30/2004	85.2	00	Post-Outdoors		245	CFU/m^3
bact-1072	COS-FS31-BACT-1072-T	Bacteria-Airborne viable count	7/30/2004	85.2	00	Post-Outdoors		140	CFU/m^3
Zefon-1073	CoS-FS31-1073-Z	Mold Spore Count-Air	7/30/2004	85.2	00	Pre-Outdoors		2,178	fs/m^3
Zefon-1074	CoS-FS31-1074-Z	Mold Spore Count-Air	7/30/2004	85.2	01	Watch Room		2,439	fs/m^3
Zefon-1075	CoS-FS31-1075-Z	Mold Spore Count-Air	7/30/2004	85.2	19	Apparatus Room		2,177	fs/m^3
Zefon-1076	CoS-FS31-1076-Z	Mold Spore Count-Air	7/30/2004	85.2	20	Battery Room		1,306	fs/m^3
Zefon-1077	CoS-FS31-1077-Z	Mold Spore Count-Air	7/30/2004	85.2	21	Hose Tower		2,002	fs/m^3
Zefon-1078	CoS-FS31-1078-Z	Mold Spore Count-Air	7/30/2004	85.2	11	Weight Room		1,132	fs/m^3
Zefon-1079	CoS-FS31-1079-Z	Mold Spore Count-Air	7/30/2004	85.2	12	Women's Restroom		1,654	fs/m^3
Zefon-1080	CoS-FS31-1080-Z	Mold Spore Count-Air	7/30/2004	85.2	13	Laundry Room		1,393	fs/m^3
Zefon-1081	CoS-FS31-1081-Z	Mold Spore Count-Air	7/30/2004	85.2	28	Upstairs Bathroom		2,960	fs/m^3
Zefon-1082	CoS-FS31-1082-Z	Mold Spore Count-Air	7/30/2004	85.2	29	Bunkroom		1,219	fs/m^3
Zefon-1083	CoS-FS31-1083-Z	Mold Spore Count-Air	7/30/2004	85.2	30	Paramedic Room		1,828	fs/m^3

Table B-1 – Sampling and Analytical Data: All Samples (Summer 2004)

Sample ID on Figure[a]	Sample ID in Lab Report[b]	Type of Sample	Date	Liters of air	Loc Code[c]	Specific Location		Results[d]	Units[e]
Zefon-1084	CoS-FS31-1084-Z	Mold Spore Count-Air	7/30/2004	85.2	00	Post-Outdoors		2,090	fs/m^3
VOC-1101	CoS-FS31-20-VOC-1101	Volatile Organic Compounds (VOC)	8/10/2004	76.9	20	Sink Room		See Table 2	
VOC-1102	CoS-FS31-05-VOC-1102	Volatile Organic Compounds (VOC)	8/10/2004	58.0	05	Kitchen		See Table 2	
VOC-1103	CoS-FS31-01-VOC-1103	Volatile Organic Compounds (VOC)	8/10/2004	63.1	01	Watch Office		See Table 2	
VOC-1104	CoS-FS31-00-VOC-1104	Volatile Organic Compounds (VOC)	8/10/2004	58.1	00	Outside/Deck		See Table 2	
VOC-1105	CoS-FS31-29-VOC-1105	Volatile Organic Compounds (VOC)	8/10/2004	54.6	29	Bunkroom		See Table 2	
VOC-1106	CoS-FS31-16-VOC-1106	Volatile Organic Compounds (VOC)	8/10/2004	39.1	16	Diesel Gen. Room		See Table 2	
VOC-1107	CoS-FS31-11-VOC-1107	Volatile Organic Compounds (VOC)	8/10/2004	58.8	11	Weight Room		See Table 2	
VOC-1108	CoS-FS31-14-VOC-1108	Volatile Organic Compounds (VOC)	8/10/2004	60.7	14	Open Dirt area		See Table 2	
PCP-1109	CoS-FS31-20-PCP-1109	Pentachlorophenol	8/11/2004	46.1	00	Outside/Deck	ND	<0.0022	mg/m^3
PCP-1110	CoS-FS31-21-PCP-1110	Pentachlorophenol	8/11/2004	45.4	21	Hose Tower	ND	<0.0022	mg/m^3
PCP-1111	CoS-FS31-29-PCP-1111	Pentachlorophenol	8/11/2004	42.5	29	Bunk Room	ND	<0.0024	mg/m^3
PCP-1112	CoS-FS31-05-PCP-1112	Pentachlorophenol	8/11/2004	42.7	05	Kitchen	ND	<0.0023	mg/m^3
PCP-1113	CoS-FS31-04-PCP-1113	Pentachlorophenol	8/11/2004	46.6	04	Ladder 5 Office	ND	<0.0021	mg/m^3

NOTES

[a] See Figures B-1 through B-3 for maps of sample locations.

[b] See full laboratory reports in Appendices C (mold, bacteria) or D (VOC and Pentachlorophenol).

[c] Location Code key:

Code	Location
00	Outside (Deck)
01	Watch Office
02	Engine 31 Office
03	Upstairs Rest Room
04	Ladder 5 Office
05	Kitchen Area
06	Central Exhaust Ducting
07	Phone Booth
08	Pop Machine Room
09	Void Space in Brick Walls
10	Boiler Room
11	Weight Room
12	Women's Bathroom
13	Laundry Room
14	Open Dirt Area
15	Dumpster Room
16	Diesel Generator Area
17	Power 31 Area

Code	Location
18	Basement West Storage Area
19	Apparatus Bay
20	Battery/Slop Sink Room
21	Hose Tower
22	Inside Soils in Basement (Covered)
23	Outside Soils
24	Leaching Material on Int. Walls
25	Leaching Material on Ext. Walls
26	Ceiling Areas
27	Upstairs TV Room
28	Upstairs Bathroom
29	Bunkroom
30	Paramedic Room

[d] Sample results presented in this table may be summaries of the results presented in the full lab report.
ND = not detected

[e] Unit abbreviations:

%	percent
µg/L	micrograms per liter
CFU/m^3	colony-forming units per cubic meter
EU/m^3	endotoxin units per cubic meter (10-15 EU = approx. 1 ng)
fs/m3	fungal structures/cubic meter
mg/kg	milligrams per kilogram
mg/m^3	milligrams per cubic meter
ng/m^3	nanograms per cubic meter

Appendix C. Laboratory Certificates of Analysis – Mold & Bacteria

SEVERN TRENT STL

P & K Microbiology Services, Inc.

The Environmental Microbiology Specialists

1936 Olney Avenue
Cherry Hill, NJ 08003

Tel: 856-489-4455, Fax: 856-489-4085
Web: www.stl-inc.com
Email: pnk@stl-inc.com

Client: Prezant & Associates, Seattle, WA 98109
Project ID: C 315-0006-00
Date Sampled: July 30, 2004
Samples Submitted By: Katja Jacob
Date Analysis Completed: August 4, 2004
P&K Report No.: 040731-009

Total Spore Count (Microscopic Method)

Air-O-Cell cassette Samples

P&K Sample ID Client Sample ID Location	Air vol. (L)	MF	Counts of Fungal Structures	Fungal Structure/m³	Presumptive Fungal ID	Percentage
040731-009-001 COS-FS31-1084-Z post outdoors	45.0	3.92	1	87	Alternaria	4%
			2	174	ascospores	8%
			6	523	Asp-Pen like	25%
			7	610	basidiospores	29%
			4	348	Cladosporium	17%
			1	87	Epicoccum	4%
			2	174	Ganoderma	8%
			1	87	hyphal fragments	4%
				Total: 2,090		100%
040731-009-074 COS-FS31-1073-Z pre outdoors	45.0	3.92	5	436	ascospores	20%
			14	1,220	basidiospores	56%
			2	174	Cladosporium	8%
			4	348	Ganoderma	16%
				Total: 2,178		100%
040731-009-075 COS-FS31-1074-Z watch room	45.0	3.92	5	436	ascospores	18%
			15	1,307	basidiospores	54%
			4	348	Cladosporium	14%
			4	348	Ganoderma	14%
				Total: 2,439		100%

P&K Sample ID Client Sample ID Location	Air vol. (L)	MF	Counts of Fungal Structures	Fungal Structure/m³	Presumptive Fungal ID	Percentage
040731-009-076	45.0	3.92	5	436	ascospores	20%
COS-FS31-1075-Z			4	348	Asp-Pen like	16%
apparatus room			7	610	basidiospores	28%
			3	261	Cladosporium	12%
			2	174	Ganoderma	8%
			2	174	hyphal fragments	8%
			1	87	myxomycetes	4%
			1	87	unknown	4%
				Total: 2,177		100%
040731-009-077	45.0	3.92	3	261	ascospores	20%
COS-FS31-1076-Z			1	87	Asp-Pen like	7%
battery room			8	697	basidiospores	53%
			2	174	Ganoderma	13%
			1	87	hyphal fragments	7%
				Total: 1,306		100%
040731-009-078	45.0	3.92	2	174	ascospores	9%
COS-FS31-1077-Z			1	87	Asp-Pen like	4%
hose tower			4	348	basidiospores	17%
			10	871	Cladosporium	44%
			1	87	Epicoccum	4%
			1	87	Ganoderma	4%
			3	261	hyphal fragments	13%
			1	87	myxomycetes	4%
				Total: 2,002		100%
040731-009-079	45.0	3.92	4	348	basidiospores	31%
COS-FS31-1078-Z			8	697	Cladosporium	62%
weight room			1	87	Ganoderma	8%
				Total: 1,132		100%
040731-009-080	45.0	3.92	1	87	ascospores	5%
COS-FS31-1079-Z			4	348	Asp-Pen like	21%
woman's RR			8	697	basidiospores	42%
			1	87	Epicoccum	5%
			1	87	Ganoderma	5%
			3	261	hyphal fragments	16%
			1	87	myxomycetes	5%
				Total: 1,654		100%
040731-009-081	45.0	3.92	2	174	ascospores	12%
COS-FS31-1080-Z			2	174	Asp-Pen like	12%
laundry room			6	523	basidiospores	38%
			2	174	Cladosporium	12%
			2	174	Ganoderma	12%
			2	174	hyphal fragments	12%
				Total: 1,393		100%

P&K Sample ID Client Sample ID Location	Air vol. (L)	MF	Counts of Fungal Structures	Fungal Structure/m³	Presumptive Fungal ID	Percentage
040731-009-082 COS-FS31-1081-Z upstairs bathroom	45.0	3.92	2	174	ascospores	6%
			3	261	Asp-Pen like	9%
			10	871	basidiospores	29%
			10	871	Cladosporium	29%
			1	87	Ganoderma	3%
			1	87	hyphal fragments	3%
			3	261	myxomycetes	9%
			3	261	Stachybotrys	9%
			1	87	unknown	3%
				Total: 2,960		100%
040731-009-083 COS-FS31-1082-Z bunk room	45.0	3.92	2	174	Asp-Pen like	14%
			6	523	basidiospores	43%
			1	87	Chaetomium	7%
			4	348	Ganoderma	29%
			1	87	hyphal fragments	7%
				Total: 1,219		100%
040731-009-084 COS-FS31-1083-Z paramedics	45.0	3.92	1	87	ascospores	5%
			4	348	Asp-Pen like	19%
			11	958	basidiospores	52%
			3	261	Cladosporium	14%
			1	87	Ganoderma	5%
			1	87	hyphal fragments	5%
				Total: 1,828		100%

The sample(s) in this report was/were received in acceptable conditions.
The detection limit of fungal analysis using optical microscopy is one fungal spore or one fungal structure. The quantitation limits vary from analysis to analysis and from processing procedure to processing procedure. Contact us to determine your quantitation limits. Percentages may not equal 100% due to rounding. (MF: Multiplication Factor)

Approved by: Douglas Toal
Douglas Toal, Ph.D. Laboratory Director

Quality control checked by: BD

SEVERN TRENT STL

P & K Microbiology Services, Inc.

The Environmental Microbiology Specialists

1936 Olney Avenue
Cherry Hill, NJ 08003

Tel: 856-489-4455, Fax: 856-489-4085
Web: www.stl-inc.com
Email: pnk@stl-inc.com

Client: Prezant & Associates, Seattle, WA 98109
Project ID: C315-0006-00
Date Sampled: July 30, 2004
Date of Inoculation: July 31, 2004
Samples Submitted By: Katja Jacob
Date Analysis Completed: August 9, 2004
P&K Report No.: 040731-009

Fungal/Bacterial Analysis (Culture Method)

Air (Andersen) Samples

P&K Sample ID Client Sample ID Location	Air vol. (L)	Medium used	Dilution factor	Fungal / Bacterial ID	Colony counts	Conc. ** (CFU/m^3)	Percentage*
040731-009-002 COS-FS31-MOLD-1001-C Pre-outdoors	85.2	CMA	NA	Fungi Cladosporium Penicillium sterile fungi yeasts	 14 9 1 3	 160 110 12 35 Total: 317	 50% 35% 4% 11% 100%
040731-009-003 COS-FS31-MOLD-1002-D Pre-outdoors	85.2	DG18	NA	Fungi Cladosporium Eurotium (Aspergillus) amstelodami Penicillium sterile fungi	 45 1 13 1	 530 12 150 12 Total: 704	 75% 2% 21% 2% 100%
040731-009-004 COS-FS31-MOLD-1003-D Pre-outdoors	85.2	DG18	NA	Fungi Aspergillus niger Cladosporium Penicillium yeasts	 1 24 15 1	 12 280 180 12 Total: 484	 2% 58% 37% 2% 100%

P&K Sample ID Client Sample ID Location	Air vol. (L)	Medium used	Dilution factor	Fungal / Bacterial ID	Colony counts	Conc. ** (CFU/m³)	Percentage*
040731-009-005 COS-FS31-MOLD-1004M Pre-outdoors	85.2	MEA	NA	Fungi			
				Aspergillus niger	1	12	3%
				Basidiomycetes	2	23	6%
				Botrytis cinerea	1	12	3%
				Cladosporium cladosporioides	19	220	61%
				Penicillium brevicompactum	1	12	3%
				Penicillium chrysogenum	1	12	3%
				Penicillium citrinum	2	23	6%
				Rhodotorula glutinis	4	47	13%
						Total: 361	100%
040731-009-006 COS-FS31-MOLD-1005M Pre-outdoors	85.2	MEA	NA	Fungi			
				Aspergillus fumigatus	1	12	3%
				Cladosporium cladosporioides	30	350	77%
				Penicillium aurantiogriseum	1	12	3%
				Penicillium brevicompactum	1	12	3%
				Penicillium chrysogenum	2	23	5%
				Penicillium citrinum	1	12	3%
				Penicillium corylophilum	1	12	3%
				Penicillium lividum	1	12	3%
				Penicillium sclerotiorum	1	12	3%
						Total: 457	100%
040731-009-007 COS-FS31-BACT.-1006-T Pre-outdoors	85.2	TSA	NA	Bacteria			
				gram negative bacteria and others	6	70	75%
				Rhodococcus	2	23	25%
						Total: 93	100%
040731-009-008 COS-FS31-MOLD-1007-C Watch room	85.2	CMA	NA	Fungi			
				Aspergillus niger	2	23	12%
				Cladosporium	10	120	63%
				Penicillium	3	35	18%
				sterile fungi	1	12	6%
						Total: 190	100%
040731-009-009 COS-FS31-MOLD-1008-D Watch room	85.2	DG18	NA	Fungi			
				Aspergillus niger	2	23	4%
				Cladosporium	41	480	77%
				Penicillium	10	120	19%
						Total: 623	100%
040731-009-010 COS-FS31-MOLD-1009D Watch room	85.2	DG18	NA	Fungi			
				Aspergillus niger	1	12	2%
				Cladosporium	43	510	75%
				Penicillium	13	150	22%
				sterile fungi	1	12	2%
						Total: 684	100%

P&K Sample ID Client Sample ID Location	Air vol. (L)	Medium used	Dilution factor	Fungal / Bacterial ID	Colony counts	Conc. ** (CFU/m³)	Percentage*
				Fungi			
040731-009-011	85.2	MEA	NA	Aureobasidium pullulans	1	12	3%
COS-FS31-MOLD-1010-M				Basidiomycetes	2	23	5%
Watch room				Cladosporium cladosporioides	24	280	67%
				Cladosporium sphaerospermum	2	23	5%
				Epicoccum nigrum	1	12	3%
				Penicillium aurantiogriseum	1	12	3%
				Penicillium brevicompactum	2	23	5%
				Phoma glomerata	1	12	3%
				Pithomyces chartarum	1	12	3%
				Rhodotorula glutinis	1	12	3%
						Total: 421	100%
				Fungi			
040731-009-012	85.2	MEA	NA	Alternaria alternata	1	12	4%
COS-FS31-MOLD-1011M				Aspergillus fumigatus	1	12	4%
Watch room				Aspergillus niger	1	12	4%
				Aspergillus versicolor	1	12	4%
				Cladosporium cladosporioides	13	150	51%
				Cladosporium sphaerospermum	1	12	4%
				Epicoccum nigrum	1	12	4%
				Penicillium brevicompactum	2	23	8%
				Penicillium chrysogenum	2	23	8%
				Penicillium citrinum	1	12	4%
				sterile fungi	1	12	4%
						Total: 292	100%
				Bacteria			
040731-009-013	85.2	TSA	NA	Bacillus	3	35	43%
COS-FS31-BACT.-1012-T				gram negative bacteria	1	12	15%
Watch room				Micrococcus luteus	1	12	15%
				Rhodococcus	2	23	28%
						Total: 82	100%
				Fungi			
040731-009-014	85.2	CMA	NA	Aspergillus fumigatus	1	12	5%
COS-FS31-MOLD-1013-C				Cladosporium	10	120	53%
Apparatus room				Mucor plumbeus	1	12	5%
				Penicillium	7	82	36%
						Total: 226	100%

P&K Sample ID Client Sample ID Location	Air vol. (L)	Medium used	Dilution factor	Fungal / Bacterial ID	Colony counts	Conc. ** (CFU/m³)	Percentage*
				Fungi			
040731-009-015 COS-FS31-MOLD-1014-D Apparatus room	85.2	DG18	NA	Aspergillus flavus	1	12	2%
				Aspergillus niger	1	12	2%
				Aspergillus terreus	1	12	2%
				Aureobasidium pullulans	2	23	4%
				Cladosporium	32	380	66%
				Mucor plumbeus	1	12	2%
				Penicillium	9	110	19%
				sterile fungi	1	12	2%
						Total: 573	100%
				Fungi			
040731-009-016 COS-FS31-MOLD-1015-D Apparatus room	85.2	DG18	NA	Aspergillus fumigatus	2	23	6%
				Aspergillus niger	1	12	3%
				Cladosporium	19	220	61%
				Penicillium	8	94	26%
				sterile fungi	1	12	3%
						Total: 361	100%
				Fungi			
040731-009-017 COS-FS31-MOLD-1016-M Apparatus room	85.2	MEA	NA	Alternaria alternata	1	12	4%
				Aspergillus niger	1	12	4%
				Basidiomycetes	2	23	9%
				Cladosporium cladosporioides	13	150	56%
				Penicillium brevicompactum	2	23	9%
				Penicillium chrysogenum	1	12	4%
				Penicillium citrinum	1	12	4%
				Penicillium glabrum	1	12	4%
				Penicillium variabile	1	12	4%
						Total: 268	100%
				Fungi			
040731-009-018 COS-FS31-MOLD-1017-M Apparatus room	85.2	MEA	NA	Aspergillus niger	3	35	16%
				Basidiomycetes	2	23	10%
				Cladosporium cladosporioides	8	94	42%
				Paecilomyces variotii	1	12	5%
				Penicillium brevicompactum	1	12	5%
				Penicillium chrysogenum	1	12	5%
				Penicillium citrinum	1	12	5%
				Penicillium implicatum	1	12	5%
				Penicillium sclerotiorum	1	12	5%
						Total: 224	100%
				Bacteria			
040731-009-019 COS-FS31-BACT-1018-T Apparatus room	85.2	TSA	NA	Bacillus	1	12	2%
				gram negative bacteria and others	42	490	95%
				Micrococcus	1	12	2%
						Total: 514	100%

P&K Sample ID Client Sample ID Location	Air vol. (L)	Medium used	Dilution factor	Fungal / Bacterial ID	Colony counts	Conc. ** (CFU/m³)	Percentage*
				Fungi			
040731-009-020	85.2	CMA	NA	Aspergillus niger	1	12	6%
COS-FS31-MOLD-1019-C				Basidiomycetes	2	23	11%
Battery room				Cladosporium	10	120	59%
				Penicillium	3	35	17%
				Trichoderma harzianum	1	12	6%
						Total: 202	100%
				Fungi			
040731-009-021	85.2	DG18	NA	Cladosporium	41	480	82%
COS-FS31-MOLD-1020-D				Epicoccum nigrum	1	12	2%
Battery room				Penicillium	6	70	12%
				sterile fungi	2	23	4%
						Total: 585	100%
				Fungi			
040731-009-022	85.2	DG18	NA	Aspergillus niger	2	23	5%
COS-FS31-MOLD-1021-D				Aspergillus ustus	1	12	3%
Battery room				Cladosporium	24	280	59%
				Eurotium (Aspergillus) amstelodami	2	23	5%
				Penicillium	12	140	29%
						Total: 478	100%
				Fungi			
040731-009-023	85.2	MEA	NA	Aspergillus versicolor	1	12	4%
COS-FS31-MOLD-1022-M				Cladosporium cladosporioides	19	220	75%
Battery room				Penicillium brevicompactum	1	12	4%
				Penicillium chrysogenum	1	12	4%
				Penicillium citrinum	1	12	4%
				sterile fungi	1	12	4%
				Trichoderma harzianum	1	12	4%
						Total: 292	100%
				Fungi			
040731-009-024	85.2	MEA	NA	Alternaria alternata	1	12	6%
COS-FS31-MOLD-1023-M				Aspergillus fumigatus	2	23	11%
Battery room				Aspergillus niger	1	12	6%
				Cladosporium cladosporioides	10	120	56%
				Penicillium brevicompactum	1	12	6%
				Penicillium minioluteum	1	12	6%
				Penicillium sclerotiorum	1	12	6%
				sterile fungi	1	12	6%
						Total: 215	100%
				Bacteria			
040731-009-025	85.2	TSA	NA	Bacillus	2	23	2%
COS-FS31-BACT-1024-T				gram negative bacteria and others	78	920	95%
Battery room				Staphylococcus	2	23	2%
						Total: 966	100%

P&K Sample ID Client Sample ID Location	Air vol. (L)	Medium used	Dilution factor	Fungal / Bacterial ID	Colony counts	Conc. ** (CFU/m³)	Percentage*
				Fungi			
040731-009-026 COS-FS31-MOLD-1025-C Hose tower	85.2	CMA	NA	Cladosporium	6	70	67%
				Penicillium	2	23	22%
				sterile fungi	1	12	11%
						Total: 105	100%
				Fungi			
040731-009-027 COS-FS31-MOLD-1026-D Hose tower	85.2	DG18	NA	Aspergillus niger	1	12	3%
				Cladosporium	28	330	83%
				Epicoccum nigrum	2	23	6%
				Penicillium	2	23	6%
				sterile fungi	1	12	3%
						Total: 400	100%
				Fungi			
040731-009-028 COS-FS31-MOLD1027-D Hose tower	85.2	DG18	NA	Aspergillus niger	1	12	4%
				Cladosporium	22	260	76%
				Penicillium	1	12	4%
				Rhodotorula glutinis	2	23	7%
				sterile fungi	1	12	4%
				Wallemia sebi	2	23	7%
						Total: 342	100%
				Fungi			
040731-009-029 COS-FS31-MOLD-1028-M Hose tower	85.2	MEA	NA	Aspergillus niger	1	12	6%
				Cladosporium cladosporioides	12	140	66%
				Penicillium brevicompactum	1	12	6%
				Penicillium citreonigrum	2	23	11%
				Penicillium melinii	1	12	6%
				sterile fungi	1	12	6%
						Total: 211	100%
				Fungi			
040731-009-030 COS-FS31-MOLD-1029-M Hose tower	85.2	MEA	NA	Aspergillus fumigatus	2	23	8%
				Aureobasidium pullulans	1	12	4%
				Cladosporium cladosporioides	15	180	63%
				Penicillium brevicompactum	1	12	4%
				Penicillium chrysogenum	1	12	4%
				Penicillium corylophilum	1	12	4%
				Rhodotorula glutinis	2	23	8%
				Tritirachium oryzae	1	12	4%
						Total: 286	100%
				Bacteria			
040731-009-031 COS-FS31-BACT.-1030-T Hose tower	85.2	TSA	NA	Bacillus	3	35	9%
				gram negative bacteria and others	30	350	86%
				Micrococcus	2	23	6%
						Total: 408	100%

P&K Sample ID Client Sample ID Location	Air vol. (L)	Medium used	Dilution factor	Fungal / Bacterial ID	Colony counts	Conc. ** (CFU/m³)	Percentage*
040731-009-032 COS-FS31-MOLD-1031-C Weight room	85.2	CMA	NA	Fungi			
				Aspergillus fumigatus	1	12	3%
				Cladosporium	24	280	77%
				Epicoccum nigrum	1	12	3%
				Mucor circinelloides	1	12	3%
				Paecilomyces variotii	2	23	6%
				Penicillium	2	23	6%
						Total: 362	100%
040731-009-033 COS-FS31-MOLD-1032-D Weight room	85.2	DG18	NA	Fungi			
				Cladosporium	21	250	70%
				Epicoccum nigrum	2	23	6%
				Mucor circinelloides	1	12	3%
				Penicillium	6	70	20%
						Total: 355	100%
040731-009-034 COS-FS31-MOLD-1033-D Weight room	85.2	DG18	NA	Fungi			
				Alternaria alternata	1	12	2%
				Cladosporium	34	400	81%
				Epicoccum nigrum	1	12	2%
				Penicillium	5	59	12%
				sterile fungi	1	12	2%
						Total: 495	100%
040731-009-035 COS-FS31-MOLD-1034-M Weight room	85.2	MEA	NA	Fungi			
				Aspergillus niger	3	35	6%
				Cladosporium cladosporioides	42	490	82%
				Cladosporium sphaerospermum	3	35	6%
				Penicillium brevicompactum	1	12	2%
				Penicillium waksmanii	2	23	4%
						Total: 595	100%
040731-009-036 COS-FS31-MOLD-1035-M Weight room	85.2	MEA	NA	Fungi			
				Aspergillus fumigatus	4	47	14%
				Cladosporium cladosporioides	19	220	67%
				Cladosporium sphaerospermum	1	12	4%
				Penicillium brevicompactum	1	12	4%
				Penicillium chrysogenum	1	12	4%
				Penicillium waksmanii	2	23	7%
						Total: 326	100%
040731-009-037 COS-FS31-BACT-1036-T Weight room	85.2	TSA	NA	Bacteria			
				Bacillus	2	23	3%
				gram negative bacteria and others	62	730	85%
				Micrococcus luteus	6	70	8%
				Rhodococcus	3	35	4%
						Total: 858	100%

P&K Sample ID Client Sample ID Location	Air vol. (L)	Medium used	Dilution factor	Fungal / Bacterial ID	Colony counts	Conc. ** (CFU/m³)	Percentage*
				Fungi			
040731-009-038 COS-FS31-MOLD-1037-C Women's Restr.	85.2	CMA	NA	Alternaria alternata	1	12	4%
				Aspergillus niger	1	12	4%
				Cladosporium	10	120	44%
				Epicoccum nigrum	1	12	4%
				Paecilomyces variotii	1	12	4%
				Penicillium	8	94	34%
				sterile fungi	1	12	4%
						Total: 274	100%
				Fungi			
040731-009-039 COS-FS31-MOLD-1038-D Women's Restr.	85.2	DG18	NA	Alternaria alternata	2	23	3%
				Aspergillus fumigatus	1	12	2%
				Aspergillus niger	2	23	3%
				Cladosporium	43	510	77%
				Epicoccum nigrum	1	12	2%
				Mucor circinelloides	1	12	2%
				Penicillium	6	70	11%
						Total: 662	100%
				Fungi			
040731-009-040 COS-FS31-MOLD-1039-D Women's Restr.	85.2	DG18	NA	Alternaria alternata	1	12	4%
				Cladosporium	17	200	68%
				Epicoccum nigrum	1	12	4%
				Paecilomyces variotii	1	12	4%
				Penicillium	3	35	12%
				sterile fungi	2	23	8%
						Total: 294	100%
				Fungi			
040731-009-041 COS-FS31-MOLD-1040-M Women's Restr.	85.2	MEA	NA	Aspergillus fumigatus	1	12	5%
				Chaetomium globosum	1	12	5%
				Cladosporium cladosporioides	8	94	42%
				Cladosporium sphaerospermum	2	23	10%
				Epicoccum nigrum	2	23	10%
				Penicillium brevicompactum	2	23	10%
				Penicillium chrysogenum	2	23	10%
				Ulocladium botrytis	1	12	5%
						Total: 222	100%
				Fungi			
040731-009-042 COS-FS31-MOLD-1041-M Women's Restr.	85.2	MEA	NA	Aspergillus fumigatus	2	23	7%
				Cladosporium cladosporioides	20	240	70%
				Cladosporium sphaerospermum	3	35	10%
				Penicillium brevicompactum	2	23	7%
				Penicillium spp.	1	12	3%
				Penicillium waksmanii	1	12	3%
						Total: 345	100%

P&K Sample ID Client Sample ID Location	Air vol. (L)	Medium used	Dilution factor	Fungal / Bacterial ID	Colony counts	Conc. ** (CFU/m³)	Percentage*
				Bacteria			
040731-009-043 COS-FS31-BACT-1042-T Women's Restr.	85.2	TSA	NA	Actinomycetes	2	23	3%
				gram negative bacteria and others	64	750	85%
				Micrococcus	1	12	1%
				Micrococcus luteus	2	23	3%
				Rhodococcus	4	47	5%
				Staphylococcus	2	23	3%
						Total: 878	100%
				Fungi			
040731-009-044 COS-FS31-MOLD-1043-C Laundry room	85.2	CMA	NA	Cladosporium	7	82	34%
				Penicillium	14	160	66%
						Total: 242	100%
				Fungi			
040731-009-045 COS-FS31-MOLD-1044-D Laundry room	85.2	DG18	NA	Aspergillus fumigatus	1	12	2%
				Cladosporium	32	380	63%
				Paecilomyces variotii	1	12	2%
				Penicillium	15	180	30%
				sterile fungi	1	12	2%
				yeasts	1	12	2%
						Total: 608	100%
				Fungi			
040731-009-046 COS-FS31-MOLD-1045-D Laundry room	85.2	DG18	NA	Aspergillus niger	1	12	3%
				Cladosporium	19	220	58%
				Penicillium	9	110	29%
				sterile fungi	1	12	3%
				Wallemia sebi	2	23	6%
						Total: 377	100%
				Fungi			
040731-009-047 COS-FS31-MOLD-1046-M Laundry room	85.2	MEA	NA	No Growth	NA	< 12	NA
				Fungi			
040731-009-048 COS-FS31-MOLD-1047-M Laundry room	85.2	MEA	NA	Alternaria alternata	2	23	8%
				Aspergillus fumigatus	1	12	4%
				Cladosporium cladosporioides	19	220	76%
				Penicillium brevicompactum	2	23	8%
				Penicillium corylophilum	1	12	4%
						Total: 290	100%

P&K Sample ID Client Sample ID Location	Air vol. (L)	Medium used	Dilution factor	Fungal / Bacterial ID	Colony counts	Conc. ** (CFU/m³)	Percentage*
040731-009-049 COS-FS31-BACT-1048-T Laundry room	85.2	TSA	NA	Bacteria			
				Actinomycetes	1	12	2%
				Bacillus	1	12	2%
				gram negative bacteria and others	49	580	93%
				Micrococcus luteus	2	23	4%
						Total: 627	100%
040731-009-050 COS-FS31-MOLD-1049-C Upstairs bathroom	85.2	CMA	NA	Fungi			
				Aspergillus versicolor	2	23	9%
				Cladosporium	15	180	69%
				Epicoccum nigrum	1	12	5%
				Paecilomyces variotii	1	12	5%
				Penicillium	3	35	13%
						Total: 262	100%
040731-009-051 COS-FS31-MOLD-1050-D Upstairs bathroom	85.2	DG18	NA	Fungi			
				Aspergillus fumigatus	1	12	3%
				Aspergillus niger	1	12	3%
				Aspergillus penicillioides	1	12	3%
				Cladosporium	29	340	81%
				Epicoccum nigrum	2	23	5%
				Penicillium	2	23	5%
						Total: 422	100%
040731-009-052 COS-FS31-MOLD-1051-D Upstairs bathroom	85.2	DG18	NA	Fungi			
				Aspergillus fumigatus	1	12	4%
				Aspergillus niger	1	12	4%
				Cladosporium	13	150	56%
				Penicillium	8	94	35%
						Total: 268	100%
040731-009-053 COS-FS31-MOLD-1052-M Upstairs bathroom	85.2	MEA	NA	Fungi			
				Aspergillus fumigatus	1	12	5%
				Aspergillus niger	3	35	13%
				Cladosporium cladosporioides	9	110	42%
				Cladosporium sphaerospermum	1	12	5%
				Penicillium brevicompactum	1	12	5%
				Penicillium chrysogenum	4	47	18%
				Penicillium citreonigrum	1	12	5%
				Penicillium decumbens	1	12	5%
				Penicillium sclerotiorum	1	12	5%
						Total: 264	100%

P&K Sample ID Client Sample ID Location	Air vol. (L)	Medium used	Dilution factor	Fungal / Bacterial ID	Colony counts	Conc. ** (CFU/m³)	Percentage*
				Fungi			
040731-009-054 COS-FS31-MOLD-1053-M Upstairs bathroom	85.2	MEA	NA	Aspergillus niger	6	70	31%
				Aureobasidium pullulans	2	23	10%
				Cladosporium cladosporioides	6	70	31%
				Penicillium brevicompactum	1	12	5%
				Penicillium chrysogenum	1	12	5%
				Penicillium citreonigrum	1	12	5%
				Penicillium corylophilum	1	12	5%
				Penicillium glabrum	1	12	5%
						Total: 223	100%
				Bacteria			
040731-009-055 COS-FS31-BACT-1054-T Upstairs bathroom	85.2	TSA	NA	Actinomycetes	1	12	6%
				Bacillus	2	23	12%
				gram negative bacteria and others	12	140	75%
				Micrococcus	1	12	6%
						Total: 187	100%
				Fungi			
040731-009-056 COS-FS31-MOLD-1055-C Upstairs bunkroom	85.2	CMA	NA	Cladosporium	8	94	61%
				Epicoccum nigrum	1	12	8%
				Penicillium	2	23	15%
				sterile fungi	1	12	8%
				Ulocladium botrytis	1	12	8%
						Total: 153	100%
				Fungi			
040731-009-057 COS-FS31-MOLD-1056-D Upstairs bunkroom	85.2	DG18	NA	Aspergillus niger	3	35	15%
				Cladosporium	12	140	60%
				Epicoccum nigrum	2	23	10%
				Penicillium	2	23	10%
				sterile fungi	1	12	5%
						Total: 233	100%
				Fungi			
040731-009-058 COS-FS31-MOLD-1057-D Upstairs bunkroom	85.2	DG18	NA	Alternaria alternata	1	12	8%
				Cladosporium	8	94	61%
				Paecilomyces variotii	1	12	8%
				Penicillium	3	35	23%
						Total: 153	100%

P&K Sample ID Client Sample ID Location	Air vol. (L)	Medium used	Dilution factor	Fungal / Bacterial ID	Colony counts	Conc. ** (CFU/m³)	Percentage*
				Fungi			
040731-009-059 COS-FS31-MOLD-1058-M Upstairs bunkroom	85.2	MEA	NA	Alternaria alternata	1	12	6%
				Cladosporium cladosporioides	6	70	37%
				Epicoccum nigrum	1	12	6%
				Mucor circinelloides	1	12	6%
				Paecilomyces variotii	1	12	6%
				Penicillium brevicompactum	1	12	6%
				Penicillium chrysogenum	1	12	6%
				Penicillium decumbens	1	12	6%
				Penicillium glabrum	1	12	6%
				Penicillium sclerotiorum	1	12	6%
				sterile fungi	1	12	6%
						Total: 190	100%
				Fungi			
040731-009-060 COS-FS31-MOLD-1059-M Upstairs bunkroom	85.2	MEA	NA	Cladosporium cladosporioides	20	240	80%
				Penicillium brevicompactum	1	12	4%
				Penicillium chrysogenum	1	12	4%
				Penicillium corylophilum	1	12	4%
				Penicillium janthinellum	1	12	4%
				sterile fungi	1	12	4%
						Total: 300	100%
				Bacteria			
040731-009-061 COS-FS31-BACT-1060-T Upstairs bunkroom	85.2	TSA	NA	Actinomycetes	2	23	3%
				Bacillus	1	12	1%
				gram negative bacteria and others	63	740	84%
				Micrococcus luteus	4	47	5%
				Rhodococcus	5	59	7%
						Total: 881	100%
				Fungi			
040731-009-062 COS-FS31-MOLD-1061-C upstairs Paramedic	85.2	CMA	NA	Alternaria alternata	1	12	8%
				Chaetomium globosum	1	12	8%
				Cladosporium	8	94	61%
				Penicillium	3	35	23%
						Total: 153	100%
				Fungi			
040731-009-063 COS-FS31-MOLD-1062-D upstairs Paramedic	85.2	DG18	NA	Aspergillus niger	1	12	4%
				Aureobasidium pullulans	1	12	4%
				Cladosporium	14	160	60%
				Epicoccum nigrum	1	12	4%
				Eurotium (Aspergillus) amstelodami	1	12	4%
				Penicillium	5	59	22%
						Total: 267	100%

P&K Sample ID Client Sample ID Location	Air vol. (L)	Medium used	Dilution factor	Fungal / Bacterial ID	Colony counts	Conc. ** (CFU/m³)	Percentage*
040731-009-064 COS-FS31-MOLD-1063-D upstairs Paramedic	85.2	DG18	NA	Fungi Aspergillus fumigatus Cladosporium Penicillium sterile fungi	 2 10 6 1	 23 120 70 12 Total: 225	 10% 53% 31% 5% 100%
040731-009-065 COS-FS31-MOLD-1064-M upstairs Paramedic	85.2	MEA	NA	Fungi Aspergillus niger Cladosporium cladosporioides Penicillium chrysogenum Penicillium decumbens Penicillium janthinellum	 1 15 1 1 1	 12 180 12 12 12 Total: 228	 5% 79% 5% 5% 5% 100%
040731-009-066 COS-FS31-MOLD-1065-M upstairs Paramedic	85.2	MEA	NA	Fungi Basidiomycetes Cladosporium cladosporioides Penicillium chrysogenum Penicillium implicatum	 2 8 1 1	 23 94 12 12 Total: 141	 16% 67% 9% 9% 100%
040731-009-067 COS-FS31-BACT-1066-T upstairs Paramedic	85.2	TSA	NA	Bacteria gram negative bacteria and others Micrococcus Micrococcus luteus Staphylococcus	 10 1 2 1	 120 12 23 12 Total: 167	 72% 7% 14% 7% 100%
040731-009-068 COS-FS31-MOLD-1067-C outside Post	85.2	CMA	NA	Fungi Cladosporium Penicillium sterile fungi	 10 6 1	 120 70 12 Total: 202	 59% 35% 6% 100%
040731-009-069 COS-FS31-MOLD-1068-D outside Post	85.2	DG18	NA	Fungi Aspergillus niger Aureobasidium pullulans Cladosporium Penicillium sterile fungi yeasts	 1 1 24 2 1 2	 12 12 280 23 12 23 Total: 362	 3% 3% 77% 6% 3% 6% 100%
040731-009-070 COS-FS31-MOLD-1069-D outside Post	85.2	DG18	NA	Fungi Aureobasidium pullulans Cladosporium Eurotium (Aspergillus) amstelodami Penicillium yeasts	 1 13 1 2 1	 12 150 12 23 12 Total: 209	 6% 72% 6% 11% 6% 100%

P&K Sample ID Client Sample ID Location	Air vol. (L)	Medium used	Dilution factor	Fungal / Bacterial ID	Colony counts	Conc. ** (CFU/m³)	Percentage*
				Fungi			
040731-009-071	85.2	MEA	NA	Aspergillus terreus	1	12	6%
COS-FS31-MOLD-1070-M				Cladosporium cladosporioides	13	150	76%
				Epicoccum nigrum	1	12	6%
outside Post				Penicillium glabrum	2	23	12%
						Total: 197	100%
				Fungi			
040731-009-072	85.2	MEA	NA	Aureobasidium pullulans	1	12	5%
COS-FS31-MOLD-1071-M				Basidiomycetes	2	23	9%
				Cladosporium cladosporioides	13	150	61%
outside Post				Epicoccum nigrum	1	12	5%
				Penicillium implicatum	1	12	5%
				Penicillium melinii	1	12	5%
				sterile fungi	1	12	5%
				Ulocladium botrytis	1	12	5%
						Total: 245	100%
				Bacteria			
040731-009-073	85.2	TSA	NA	gram negative bacteria and others	12	140	100%
COS-FS31-BACT-1072-T							
outside Post						Total: 140	100%

The sample(s) in this report was/were received in acceptable conditions.

* Percentage of each group of fungi/bacteria in total population.

** Concentration is rounded to two significant digits. Concentration is in CFU/Sample if sample amount/area is NA.

Media types: Actinomycete Isolation Agar (AIA), cornmeal agar(CMA), 2% malt extract agar(MEA), inhibitory mold ager(IMA), pseudomonas isolation agar(PIA), rose bengal agar(RBA), sabouraud dextrose agar(SDA), tryptic soy agar(TSA), nutrient agar(NTA), blood agar(BA), staphylococcus medium 110(Staphy), phenylethyl alcohol agar w/ 5% sheep blood (PEA), plate count agar(PCA). The detection limit of fungal and bacteria analysis using culture methods is one colony. The quantitation limits vary from analysis to analysis and from processing procedure to processing procedure. Contact us to determine your quantitation limits.

Douglas Toal

Approved by: _____
Douglas Toal, Ph.D. Laboratory Director

Quality control checked by: DT

Appendix D. Laboratory Certificates of Analysis – Volatile Organic Compounds and Pentachlorophenol

DATA CHEM LABORATORIES
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COVER PAGE

AUG 19 2004

ANALYTICAL REPORT FOR
Prezant Associates

Phone(206) 579-4824 Fax(206) 281-8922
E-mail: kjacob@prezant.com

Form COVER-V1.4
08190413111982
Page 1

G047D02L

DCL Report Group..: 04I-2520-01

Date Printed.....: 19-AUG-04 13:11

Project Protocol #: P021C002
Client Ref Number.: C315-0006-00
Release Number....: C315-0006-00

Analysis Method(s): TO17

Prezant Associates
Attention: Katja Jacob
330 6th Ave North #200
Seattle, WA 98109

Client Sample Name	Laboratory Sample Name	Date Sampled	Date Received
20-VOC-1101	04I23627	10-AUG-04	13-AUG-04
05-VOC-1102	04I23628	10-AUG-04	13-AUG-04
01-VOC-1103	04I23629	10-AUG-04	13-AUG-04
00-VOC-1104	04I23630	10-AUG-04	13-AUG-04
29-VOC-1105	04I23631	10-AUG-04	13-AUG-04
16-VOC-1106	04I23632	10-AUG-04	13-AUG-04
11-VOC-1107	04I23633	10-AUG-04	13-AUG-04
14-VOC-1108	04I23634	10-AUG-04	13-AUG-04
Method Blank	BL-222171-1	NA	NA
LCS	QC-222171-1	NA	NA
LCS Dup	QD-222171-1	NA	NA

Thomas J. Masoian
Analyst: Thomas J. Masoian — 8.19.04 Date

Andrea Hoggan
Reviewer: Andrea Hoggan — 8.19.04 Date

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FORM A (TYPE I)
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SAMPLE ANALYSIS DATA SHEET

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S047D0Q3

Date Printed.....: 19-AUG-04 15:36

Client Name.....: Prezant Associates
Client Ref Number....: C315-0006-00
Sampling Site.....: Firestation 31
Release Number.....: C315-0006-00

Date Received.....: 13-AUG-04 00:00

Client Sample Name: 20-VOC-1101
DCL Sample Name...: 04I23627
DCL Report Group..: 04I-2520-01

Matrix.....: CARBO
Date Sampled.....: 10-AUG-04 00:00
Reporting Units...: ng/Sample
Report Basis.....: [X] As Received [ ] Dried

DCL Preparation Group: Not Applicable
Date Prepared.....: Not Applicable
Preparation Method...: Not Applicable
Aliquot Weight/Volume: Not Applicable
Net Weight/Volume....: Not Required

DCL Analysis Group: G047J00M
Analysis Method...: TO17
Instrument Type...: GC/MS VO
Instrument ID.....: 5972-X
Column Type.....: DB-1
[X] Primary
[ ] Confirmation

Analytical Results

Analyte	Date Analyzed	MDL	Result	Units	Qual.	Dilution	PQL
Dichlorodifluoromethane	16-AUG-04 20:39		ND	ng/Sample		1	25.
Dichlorodifluoromethane	16-AUG-04 20:39		ND	µg/m³		1	
Dichlorodifluoromethane	16-AUG-04 20:39		ND	ppb v/v		1	
Chloromethane	16-AUG-04 20:39		ND	ng/Sample		1	25.
Chloromethane	16-AUG-04 20:39		ND	µg/m³		1	
Chloromethane	16-AUG-04 20:39		ND	ppb v/v		1	
Freon 114	16-AUG-04 20:39		ND	ng/Sample		1	25.
Freon 114	16-AUG-04 20:39		ND	µg/m³		1	
Freon 114	16-AUG-04 20:39		ND	ppb v/v		1	
Vinyl Chloride	16-AUG-04 20:39		ND	ng/Sample		1	25.
Vinyl Chloride	16-AUG-04 20:39		ND	µg/m³		1	
Vinyl Chloride	16-AUG-04 20:39		ND	ppb v/v		1	
Bromomethane	16-AUG-04 20:39		ND	ng/Sample		1	25.
Bromomethane	16-AUG-04 20:39		ND	µg/m³		1	
Bromomethane	16-AUG-04 20:39		ND	ppb v/v		1	
Chloroethane	16-AUG-04 20:39		ND	ng/Sample		1	25.
Chloroethane	16-AUG-04 20:39		ND	µg/m³		1	
Chloroethane	16-AUG-04 20:39		ND	ppb v/v		1	
Freon 11	16-AUG-04 20:39		1300	ng/Sample		1	25.
Freon 11	16-AUG-04 20:39		17.	µg/m³		1	0.33
Freon 11	16-AUG-04 20:39		3.0	ppb v/v		1	0.058
cis-1,2-Dichloroethene	16-AUG-04 20:39		ND	ng/Sample		1	25.
cis-1,2-Dichloroethene	16-AUG-04 20:39		ND	µg/m³		1	
cis-1,2-Dichloroethene	16-AUG-04 20:39		ND	ppb v/v		1	
Carbon Disulfide	16-AUG-04 20:39		35.	ng/Sample		1	25.
Carbon Disulfide	16-AUG-04 20:39		0.46	µg/m³		1	0.33
Carbon Disulfide	16-AUG-04 20:39		0.15	ppb v/v		1	0.10
Freon 113	16-AUG-04 20:39		220	ng/Sample		1	25.
Freon 113	16-AUG-04 20:39		2.9	µg/m³		1	0.33
Freon 113	16-AUG-04 20:39		0.37	ppb v/v		1	0.042
Acetone	16-AUG-04 20:39		8200	ng/Sample	E	1	25.
Acetone	16-AUG-04 20:39		110	µg/m³	E	1	0.33
Acetone	16-AUG-04 20:39		45.	ppb v/v	E	1	0.14
Methylene Chloride	16-AUG-04 20:39		ND	ng/Sample		1	25.
Methylene Chloride	16-AUG-04 20:39		ND	µg/m³		1	
Methylene Chloride	16-AUG-04 20:39		ND	ppb v/v		1	
trans-1,2-Dichloroethene	16-AUG-04 20:39		ND	ng/Sample		1	25.
trans-1,2-Dichloroethene	16-AUG-04 20:39		ND	µg/m³		1	
trans-1,2-Dichloroethene	16-AUG-04 20:39		ND	ppb v/v		1	
1,1-Dichloroethane	16-AUG-04 20:39		ND	ng/Sample		1	25.
1,1-Dichloroethane	16-AUG-04 20:39		ND	µg/m³		1	

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FORM A (TYPE I)
SINGLE METHOD ANALYSES

SAMPLE ANALYSIS DATA SHEET

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S047D003

Date Printed.....: 19-AUG-04 15:36
Client Name.....: Prezant Associates

DCL Sample Name...: 04I23627
DCL Report Group..: 04I-2520-01

Analytical Results

Analyte	Date Analyzed	MDL	Result	Units	Qual.	Dilution	PQL
1,1-Dichloroethane	16-AUG-04 20:39		ND	ppb v/v		1	
Vinyl Acetate	16-AUG-04 20:39		ND	ng/Sample		1	25.
Vinyl Acetate	16-AUG-04 20:39		ND	µg/m³		1	
Vinyl Acetate	16-AUG-04 20:39		ND	ppb v/v		1	
1,1-Dichloroethene	16-AUG-04 20:39		ND	ng/Sample		1	25.
1,1-Dichloroethene	16-AUG-04 20:39		ND	µg/m³		1	
1,1-Dichloroethene	16-AUG-04 20:39		ND	ppb v/v		1	
2-Butanone	16-AUG-04 20:39		210	ng/Sample		1	25.
2-Butanone	16-AUG-04 20:39		2.7	µg/m³		1	0.33
2-Butanone	16-AUG-04 20:39		0.93	ppb v/v		1	0.11
Chloroform	16-AUG-04 20:39		1600	ng/Sample		1	25.
Chloroform	16-AUG-04 20:39		21.	µg/m³		1	0.33
Chloroform	16-AUG-04 20:39		4.3	ppb v/v		1	0.067
1,1,1-Trichloroethane	16-AUG-04 20:39		34.	ng/Sample		1	25.
1,1,1-Trichloroethane	16-AUG-04 20:39		0.44	µg/m³		1	0.33
1,1,1-Trichloroethane	16-AUG-04 20:39		0.081	ppb v/v		1	0.060
Carbon Tetrachloride	16-AUG-04 20:39		150	ng/Sample		1	25.
Carbon Tetrachloride	16-AUG-04 20:39		2.0	µg/m³		1	0.33
Carbon Tetrachloride	16-AUG-04 20:39		0.31	ppb v/v		1	0.052
Benzene	16-AUG-04 20:39		850	ng/Sample		1	25.
Benzene	16-AUG-04 20:39		11.	µg/m³		1	0.33
Benzene	16-AUG-04 20:39		3.5	ppb v/v		1	0.10
1,2-Dichloroethane	16-AUG-04 20:39		ND	ng/Sample		1	25.
1,2-Dichloroethane	16-AUG-04 20:39		ND	µg/m³		1	
1,2-Dichloroethane	16-AUG-04 20:39		ND	ppb v/v		1	
Trichloroethene	16-AUG-04 20:39		6000	ng/Sample	E	1	25.
Trichloroethene	16-AUG-04 20:39		78.	µg/m³	E	1	0.33
Trichloroethene	16-AUG-04 20:39		15.	ppb v/v	E	1	0.060
1,2-Dichloropropane	16-AUG-04 20:39		ND	ng/Sample		1	25.
1,2-Dichloropropane	16-AUG-04 20:39		ND	µg/m³		1	
1,2-Dichloropropane	16-AUG-04 20:39		ND	ppb v/v		1	
Bromodichloromethane	16-AUG-04 20:39		ND	ng/Sample		1	25.
Bromodichloromethane	16-AUG-04 20:39		ND	µg/m³		1	
Bromodichloromethane	16-AUG-04 20:39		ND	ppb v/v		1	
cis-1,3-Dichloropropene	16-AUG-04 20:39		ND	ng/Sample		1	25.
cis-1,3-Dichloropropene	16-AUG-04 20:39		ND	µg/m³		1	
cis-1,3-Dichloropropene	16-AUG-04 20:39		ND	ppb v/v		1	
4-Methyl-2-Pentanone	16-AUG-04 20:39		ND	ng/Sample		1	25.
4-Methyl-2-Pentanone	16-AUG-04 20:39		ND	µg/m³		1	
4-Methyl-2-Pentanone	16-AUG-04 20:39		ND	ppb v/v		1	
Toluene	16-AUG-04 20:39		2300	ng/Sample	E	1	25.
Toluene	16-AUG-04 20:39		30.	µg/m³	E	1	0.33
Toluene	16-AUG-04 20:39		7.9	ppb v/v	E	1	0.086
trans-1,3-Dichloropropene	16-AUG-04 20:39		ND	ng/Sample		1	25.
trans-1,3-Dichloropropene	16-AUG-04 20:39		ND	µg/m³		1	
trans-1,3-Dichloropropene	16-AUG-04 20:39		ND	ppb v/v		1	
1,1,2-Trichloroethane	16-AUG-04 20:39		ND	ng/Sample		1	25.
1,1,2-Trichloroethane	16-AUG-04 20:39		ND	µg/m³		1	
1,1,2-Trichloroethane	16-AUG-04 20:39		ND	ppb v/v		1	
Tetrachloroethene	16-AUG-04 20:39		210	ng/Sample		1	25.
Tetrachloroethene	16-AUG-04 20:39		2.7	µg/m³		1	0.33
Tetrachloroethene	16-AUG-04 20:39		0.40	ppb v/v		1	0.048
2-Hexanone	16-AUG-04 20:39		ND	ng/Sample		1	25.
2-Hexanone	16-AUG-04 20:39		ND	µg/m³		1	
2-Hexanone	16-AUG-04 20:39		ND	ppb v/v		1	
Dibromochloromethane	16-AUG-04 20:39		ND	ng/Sample		1	25.
Dibromochloromethane	16-AUG-04 20:39		ND	µg/m³		1	
Dibromochloromethane	16-AUG-04 20:39		ND	ppb v/v		1	

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FORM A (TYPE I)
SINGLE METHOD ANALYSES

SAMPLE ANALYSIS DATA SHEET

Form RLIMS63A-V1.4
08190415364782
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S047D003

Date Printed.....: 19-AUG-04 15:36
Client Name.....: Prezant Associates

DCL Sample Name...: 04I23627
DCL Report Group..: 04I-2520-01

Analytical Results

Analyte	Date Analyzed	MDL	Result	Units	Qual.	Dilution	PQL
1,2-Dibromoethane	16-AUG-04 20:39		ND	ng/Sample		1	25.
1,2-Dibromoethane	16-AUG-04 20:39		ND	µg/m³		1	
1,2-Dibromoethane	16-AUG-04 20:39		ND	ppb v/v		1	
Chlorobenzene	16-AUG-04 20:39		ND	ng/Sample		1	25.
Chlorobenzene	16-AUG-04 20:39		ND	µg/m³		1	
Chlorobenzene	16-AUG-04 20:39		ND	ppb v/v		1	
Ethylbenzene	16-AUG-04 20:39		570	ng/Sample		1	25.
Ethylbenzene	16-AUG-04 20:39		7.4	µg/m³		1	0.33
Ethylbenzene	16-AUG-04 20:39		1.7	ppb v/v		1	0.075
m,p-Xylene	16-AUG-04 20:39		2200	ng/Sample		1	25.
m,p-Xylene	16-AUG-04 20:39		29.	µg/m³		1	0.33
m,p-Xylene	16-AUG-04 20:39		6.6	ppb v/v		1	0.075
o-Xylene	16-AUG-04 20:39		1100	ng/Sample		1	25.
o-Xylene	16-AUG-04 20:39		14.	µg/m³		1	0.33
o-Xylene	16-AUG-04 20:39		3.3	ppb v/v		1	0.075
Styrene	16-AUG-04 20:39		35.	ng/Sample		1	25.
Styrene	16-AUG-04 20:39		0.46	µg/m³		1	0.33
Styrene	16-AUG-04 20:39		0.11	ppb v/v		1	0.076
Bromoform	16-AUG-04 20:39		ND	ng/Sample		1	25.
Bromoform	16-AUG-04 20:39		ND	µg/m³		1	
Bromoform	16-AUG-04 20:39		ND	ppb v/v		1	
1,1,2,2-Tetrachloroethane	16-AUG-04 20:39		ND	ng/Sample		1	25.
1,1,2,2-Tetrachloroethane	16-AUG-04 20:39		ND	µg/m³		1	
1,1,2,2-Tetrachloroethane	16-AUG-04 20:39		ND	ppb v/v		1	
Benzyl Chloride	16-AUG-04 20:39		ND	ng/Sample		1	25.
Benzyl Chloride	16-AUG-04 20:39		ND	µg/m³		1	
Benzyl Chloride	16-AUG-04 20:39		ND	ppb v/v		1	
4-Ethyl toluene	16-AUG-04 20:39		510	ng/Sample		1	25.
4-Ethyl toluene	16-AUG-04 20:39		6.6	µg/m³		1	0.33
4-Ethyl toluene	16-AUG-04 20:39		1.3	ppb v/v		1	0.066
1,3,5-Trimethylbenzene	16-AUG-04 20:39		940	ng/Sample		1	25.
1,3,5-Trimethylbenzene	16-AUG-04 20:39		2.5	ppb v/v		1	0.066
1,3,5-Trimethylbenzene	16-AUG-04 20:39		2.5	ppb v/v		1	
1,2,4-Trimethylbenzene	16-AUG-04 20:39		3200	ng/Sample		1	25.
1,2,4-Trimethylbenzene	16-AUG-04 20:39		42.	µg/m³		1	0.33
1,2,4-Trimethylbenzene	16-AUG-04 20:39		8.5	ppb v/v		1	0.066
1,3-Dichlorobenzene	16-AUG-04 20:39		ND	ng/Sample		1	25.
1,3-Dichlorobenzene	16-AUG-04 20:39		ND	µg/m³		1	
1,3-Dichlorobenzene	16-AUG-04 20:39		ND	ppb v/v		1	
1,4-Dichlorobenzene	16-AUG-04 20:39		77.	ng/Sample		1	25.
1,4-Dichlorobenzene	16-AUG-04 20:39		1.0	µg/m³		1	0.33
1,4-Dichlorobenzene	16-AUG-04 20:39		0.17	ppb v/v		1	0.054
1,2-Dichlorobenzene	16-AUG-04 20:39		ND	ng/Sample		1	25.
1,2-Dichlorobenzene	16-AUG-04 20:39		ND	µg/m³		1	
1,2-Dichlorobenzene	16-AUG-04 20:39		ND	ppb v/v		1	
1,2,4-Trichlorobenzene	16-AUG-04 20:39		ND	ng/Sample		1	25.
1,2,4-Trichlorobenzene	16-AUG-04 20:39		ND	µg/m³		1	
1,2,4-Trichlorobenzene	16-AUG-04 20:39		ND	ppb v/v		1	
Hexachlorobutadiene	16-AUG-04 20:39		ND	ng/Sample		1	25.
Hexachlorobutadiene	16-AUG-04 20:39		ND	µg/m³		1	
Hexachlorobutadiene	16-AUG-04 20:39		ND	ppb v/v		1	
Methyl t-Butyl Ether	16-AUG-04 20:39		ND	ng/Sample		1	25.
Methyl t-Butyl Ether	16-AUG-04 20:39		ND	µg/m³		1	
Methyl t-Butyl Ether	16-AUG-04 20:39		ND	ppb v/v		1	
Air Volume	16-AUG-04 20:39		76.9	Liter		1	

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DATA CHEM LABORATORIES
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FORM A (TYPE I)
SINGLE METHOD ANALYSES

SAMPLE ANALYSIS DATA SHEET

Form RLIMS63A-V1.4
08190415364782
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S047D003

Date Printed.....: 19-AUG-04 15:36
Client Name.....: Prezant Associates

DCL Sample Name...: 04I23627
DCL Report Group..: 04I-2520-01

Tentatively Identified Compound Results

Analyte(Retention Time)	Date Analyzed	Result	Units	Qual.	Dilution
Cyclohexane, 1,2,4-trimethyl-(15.34)	16-AUG-04 20:39	280	ng/Sample	J	1
Nonane(15.62)	16-AUG-04 20:39	310	ng/Sample	J	1
1-Ethyl-4-methylcyclohexane(16.01)	16-AUG-04 20:39	600	ng/Sample	J	1
C9 Cyclic Hydrocarbon(16.31)	16-AUG-04 20:39	340	ng/Sample	J	1
Octane, 3,6-dimethyl-(16.42)	16-AUG-04 20:39	290	ng/Sample	J	1
C10 Cyclic Hydrocarbon(16.48)	16-AUG-04 20:39	310	ng/Sample	J	1
C10 Unsaturated Hydrocarbon(17.20)	16-AUG-04 20:39	680	ng/Sample	J	1
C11 Unsaturated Hydrocarbon(17.42)	16-AUG-04 20:39	310	ng/Sample	J	1
C11 Cyclic Hydrocarbon(17.51)	16-AUG-04 20:39	390	ng/Sample	J	1
Decane(17.71)	16-AUG-04 20:39	730	ng/Sample	J	1
C11 Unsaturated Hydrocarbon(18.20)	16-AUG-04 20:39	420	ng/Sample	J	1
Limonene(18.40)	16-AUG-04 20:39	300	ng/Sample	J	1
C11 Cyclic Hydrocarbon(18.54)	16-AUG-04 20:39	350	ng/Sample	J	1
Undecane(19.52)	16-AUG-04 20:39	270	ng/Sample	J	1
3-Benzylquinoline(23.16)	16-AUG-04 20:39	580	ng/Sample	J	1

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FORM A (TYPE I)
SINGLE METHOD ANALYSES

SAMPLE ANALYSIS DATA SHEET

Form RLIMS63A-V1.4
08190415364782
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S047D004

Date Printed.....: 19-AUG-04 15:36

Client Name.....: Prezant Associates
Client Ref Number....: C315-0006-00
Sampling Site.....: Firestation 31
Release Number.....: C315-0006-00

Date Received.....: 13-AUG-04 00:00

Client Sample Name: 05-VOC-1102
DCL Sample Name...: 04I23628
DCL Report Group..: 04I-2520-01

Matrix.....: CARBO
Date Sampled.....: 10-AUG-04 00:00
Reporting Units...: ng/Sample
Report Basis.....: ☒ As Received ☐ Dried

DCL Preparation Group: Not Applicable
Date Prepared.....: Not Applicable
Preparation Method...: Not Applicable
Aliquot Weight/Volume: Not Applicable
Net Weight/Volume....: Not Required

DCL Analysis Group: G047J00M
Analysis Method...: TO17
Instrument Type...: GC/MS VO
Instrument ID.....: 5972-X
Column Type.....: DB-1
☒ Primary
☐ Confirmation

Analytical Results

Analyte	Date Analyzed	MDL	Result	Units	Qual.	Dilution	PQL
Dichlorodifluoromethane	16-AUG-04 21:17		44.	ng/Sample		1	25.
Dichlorodifluoromethane	16-AUG-04 21:17		0.76	µg/m³		1	0.43
Dichlorodifluoromethane	16-AUG-04 21:17		0.15	ppb v/v		1	0.087
Chloromethane	16-AUG-04 21:17		ND	ng/Sample		1	25.
Chloromethane	16-AUG-04 21:17		ND	µg/m³		1	
Chloromethane	16-AUG-04 21:17		ND	ppb v/v		1	
Freon 114	16-AUG-04 21:17		ND	ng/Sample		1	25.
Freon 114	16-AUG-04 21:17		ND	µg/m³		1	
Freon 114	16-AUG-04 21:17		ND	ppb v/v		1	
Vinyl Chloride	16-AUG-04 21:17		ND	ng/Sample		1	25.
Vinyl Chloride	16-AUG-04 21:17		ND	µg/m³		1	
Vinyl Chloride	16-AUG-04 21:17		ND	ppb v/v		1	
Bromomethane	16-AUG-04 21:17		ND	ng/Sample		1	25.
Bromomethane	16-AUG-04 21:17		ND	µg/m³		1	
Bromomethane	16-AUG-04 21:17		ND	ppb v/v		1	
Chloroethane	16-AUG-04 21:17		ND	ng/Sample		1	25.
Chloroethane	16-AUG-04 21:17		ND	µg/m³		1	
Chloroethane	16-AUG-04 21:17		ND	ppb v/v		1	
Freon 11	16-AUG-04 21:17		75.	ng/Sample		1	25.
Freon 11	16-AUG-04 21:17		1.3	µg/m³		1	0.43
Freon 11	16-AUG-04 21:17		0.23	ppb v/v		1	0.077
cis-1,2-Dichloroethene	16-AUG-04 21:17		ND	ng/Sample		1	25.
cis-1,2-Dichloroethene	16-AUG-04 21:17		ND	µg/m³		1	
cis-1,2-Dichloroethene	16-AUG-04 21:17		ND	ppb v/v		1	
Carbon Disulfide	16-AUG-04 21:17		ND	ng/Sample		1	25.
Carbon Disulfide	16-AUG-04 21:17		ND	µg/m³		1	
Carbon Disulfide	16-AUG-04 21:17		ND	ppb v/v		1	
Freon 113	16-AUG-04 21:17		36.	ng/Sample		1	25.
Freon 113	16-AUG-04 21:17		0.62	µg/m³		1	0.43
Freon 113	16-AUG-04 21:17		0.081	ppb v/v		1	0.056
Acetone	16-AUG-04 21:17		590	ng/Sample		1	25.
Acetone	16-AUG-04 21:17		10.	µg/m³		1	0.43
Acetone	16-AUG-04 21:17		4.3	ppb v/v		1	0.18
Methylene Chloride	16-AUG-04 21:17		25.	ng/Sample		1	25.
Methylene Chloride	16-AUG-04 21:17		0.43	µg/m³		1	0.43
Methylene Chloride	16-AUG-04 21:17		0.12	ppb v/v		1	0.12
trans-1,2-Dichloroethene	16-AUG-04 21:17		ND	ng/Sample		1	25.
trans-1,2-Dichloroethene	16-AUG-04 21:17		ND	µg/m³		1	
trans-1,2-Dichloroethene	16-AUG-04 21:17		ND	ppb v/v		1	
1,1-Dichloroethane	16-AUG-04 21:17		ND	ng/Sample		1	25.
1,1-Dichloroethane	16-AUG-04 21:17		ND	µg/m³		1	

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FORM A (TYPE I)
SINGLE METHOD ANALYSES

SAMPLE ANALYSIS DATA SHEET

Form RLIMS63A-V1.4
08190415364782
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S047D004

Date Printed.....: 19-AUG-04 15:36
Client Name.....: Prezant Associates

DCL Sample Name...: 04I23628
DCL Report Group..: 04I-2520-01

Analytical Results

Analyte	Date Analyzed	MDL	Result	Units	Qual.	Dilution	PQL
1,1-Dichloroethane	16-AUG-04 21:17		ND	ppb v/v		1	
Vinyl Acetate	16-AUG-04 21:17		ND	ng/Sample		1	25.
Vinyl Acetate	16-AUG-04 21:17		ND	µg/m³		1	
Vinyl Acetate	16-AUG-04 21:17		ND	ppb v/v		1	
1,1-Dichloroethene	16-AUG-04 21:17		ND	ng/Sample		1	25.
1,1-Dichloroethene	16-AUG-04 21:17		ND	µg/m³		1	
1,1-Dichloroethene	16-AUG-04 21:17		ND	ppb v/v		1	
2-Butanone	16-AUG-04 21:17		44.	ng/Sample		1	25.
2-Butanone	16-AUG-04 21:17		0.76	µg/m³		1	0.43
2-Butanone	16-AUG-04 21:17		0.26	ppb v/v		1	0.15
Chloroform	16-AUG-04 21:17		ND	ng/Sample		1	25.
Chloroform	16-AUG-04 21:17		ND	µg/m³		1	
Chloroform	16-AUG-04 21:17		ND	ppb v/v		1	
1,1,1-Trichloroethane	16-AUG-04 21:17		ND	ng/Sample		1	25.
1,1,1-Trichloroethane	16-AUG-04 21:17		ND	µg/m³		1	
1,1,1-Trichloroethane	16-AUG-04 21:17		ND	ppb v/v		1	
Carbon Tetrachloride	16-AUG-04 21:17		38.	ng/Sample		1	25.
Carbon Tetrachloride	16-AUG-04 21:17		0.66	µg/m³		1	0.43
Carbon Tetrachloride	16-AUG-04 21:17		0.10	ppb v/v		1	0.069
Benzene	16-AUG-04 21:17		83.	ng/Sample		1	25.
Benzene	16-AUG-04 21:17		1.4	µg/m³		1	0.43
Benzene	16-AUG-04 21:17		0.45	ppb v/v		1	0.13
1,2-Dichloroethane	16-AUG-04 21:17		ND	ng/Sample		1	25.
1,2-Dichloroethane	16-AUG-04 21:17		ND	µg/m³		1	
1,2-Dichloroethane	16-AUG-04 21:17		ND	ppb v/v		1	
Trichloroethene	16-AUG-04 21:17		ND	ng/Sample		1	25.
Trichloroethene	16-AUG-04 21:17		ND	µg/m³		1	
Trichloroethene	16-AUG-04 21:17		ND	ppb v/v		1	
1,2-Dichloropropane	16-AUG-04 21:17		ND	ng/Sample		1	25.
1,2-Dichloropropane	16-AUG-04 21:17		ND	µg/m³		1	
1,2-Dichloropropane	16-AUG-04 21:17		ND	ppb v/v		1	
Bromodichloromethane	16-AUG-04 21:17		ND	ng/Sample		1	25.
Bromodichloromethane	16-AUG-04 21:17		ND	µg/m³		1	
Bromodichloromethane	16-AUG-04 21:17		ND	ppb v/v		1	
cis-1,3-Dichloropropene	16-AUG-04 21:17		ND	ng/Sample		1	25.
cis-1,3-Dichloropropene	16-AUG-04 21:17		ND	µg/m³		1	
cis-1,3-Dichloropropene	16-AUG-04 21:17		ND	ppb v/v		1	
4-Methyl-2-Pentanone	16-AUG-04 21:17		ND	ng/Sample		1	25.
4-Methyl-2-Pentanone	16-AUG-04 21:17		ND	µg/m³		1	
4-Methyl-2-Pentanone	16-AUG-04 21:17		ND	ppb v/v		1	
Toluene	16-AUG-04 21:17		320	ng/Sample		1	25.
Toluene	16-AUG-04 21:17		5.5	µg/m³		1	0.43
Toluene	16-AUG-04 21:17		1.5	ppb v/v		1	0.11
trans-1,3-Dichloropropene	16-AUG-04 21:17		ND	ng/Sample		1	25.
trans-1,3-Dichloropropene	16-AUG-04 21:17		ND	µg/m³		1	
trans-1,3-Dichloropropene	16-AUG-04 21:17		ND	ppb v/v		1	
1,1,2-Trichloroethane	16-AUG-04 21:17		ND	ng/Sample		1	25.
1,1,2-Trichloroethane	16-AUG-04 21:17		ND	µg/m³		1	
1,1,2-Trichloroethane	16-AUG-04 21:17		ND	ppb v/v		1	
Tetrachloroethene	16-AUG-04 21:17		ND	ng/Sample		1	25.
Tetrachloroethene	16-AUG-04 21:17		ND	µg/m³		1	
Tetrachloroethene	16-AUG-04 21:17		ND	ppb v/v		1	
2-Hexanone	16-AUG-04 21:17		ND	ng/Sample		1	25.
2-Hexanone	16-AUG-04 21:17		ND	µg/m³		1	
2-Hexanone	16-AUG-04 21:17		ND	ppb v/v		1	
Dibromochloromethane	16-AUG-04 21:17		ND	ng/Sample		1	25.
Dibromochloromethane	16-AUG-04 21:17		ND	µg/m³		1	
Dibromochloromethane	16-AUG-04 21:17		ND	ppb v/v		1	

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FORM A (TYPE I)
SINGLE METHOD ANALYSES

SAMPLE ANALYSIS DATA SHEET

S047D0Q4

Date Printed.....: 19-AUG-04 15:36
Client Name.....: Prezant Associates

DCL Sample Name...: 04I23628
DCL Report Group..: 04I-2520-01

Analytical Results

Analyte	Date Analyzed	MDL	Result	Units	Qual.	Dilution	PQL
1,2-Dibromoethane	16-AUG-04 21:17		ND	ng/Sample		1	25.
1,2-Dibromoethane	16-AUG-04 21:17		ND	µg/m³		1	
1,2-Dibromoethane	16-AUG-04 21:17		ND	ppb v/v		1	
Chlorobenzene	16-AUG-04 21:17		ND	ng/Sample		1	25.
Chlorobenzene	16-AUG-04 21:17		ND	µg/m³		1	
Chlorobenzene	16-AUG-04 21:17		ND	ppb v/v		1	
Ethylbenzene	16-AUG-04 21:17		42.	ng/Sample		1	25.
Ethylbenzene	16-AUG-04 21:17		0.72	µg/m³		1	0.43
Ethylbenzene	16-AUG-04 21:17		0.17	ppb v/v		1	0.099
m,p-Xylene	16-AUG-04 21:17		140	ng/Sample		1	25.
m,p-Xylene	16-AUG-04 21:17		2.4	µg/m³		1	0.43
m,p-Xylene	16-AUG-04 21:17		0.56	ppb v/v		1	0.099
o-Xylene	16-AUG-04 21:17		49.	ng/Sample		1	25.
o-Xylene	16-AUG-04 21:17		0.84	µg/m³		1	0.43
o-Xylene	16-AUG-04 21:17		0.19	ppb v/v		1	0.099
Styrene	16-AUG-04 21:17		ND	ng/Sample		1	25.
Styrene	16-AUG-04 21:17		ND	µg/m³		1	
Styrene	16-AUG-04 21:17		ND	ppb v/v		1	
Bromoform	16-AUG-04 21:17		ND	ng/Sample		1	25.
Bromoform	16-AUG-04 21:17		ND	µg/m³		1	
Bromoform	16-AUG-04 21:17		ND	ppb v/v		1	
1,1,2,2-Tetrachloroethane	16-AUG-04 21:17		ND	ng/Sample		1	25.
1,1,2,2-Tetrachloroethane	16-AUG-04 21:17		ND	µg/m³		1	
1,1,2,2-Tetrachloroethane	16-AUG-04 21:17		ND	ppb v/v		1	
Benzyl Chloride	16-AUG-04 21:17		ND	ng/Sample		1	25.
Benzyl Chloride	16-AUG-04 21:17		ND	µg/m³		1	
Benzyl Chloride	16-AUG-04 21:17		ND	ppb v/v		1	
4-Ethyl toluene	16-AUG-04 21:17		ND	ng/Sample		1	25.
4-Ethyl toluene	16-AUG-04 21:17		ND	µg/m³		1	
4-Ethyl toluene	16-AUG-04 21:17		ND	ppb v/v		1	
1,3,5-Trimethylbenzene	16-AUG-04 21:17		ND	ng/Sample		1	25.
1,3,5-Trimethylbenzene	16-AUG-04 21:17		ND	ppb v/v		1	
1,3,5-Trimethylbenzene	16-AUG-04 21:17		ND	ppb v/v		1	
1,2,4-Trimethylbenzene	16-AUG-04 21:17		54.	ng/Sample		1	25.
1,2,4-Trimethylbenzene	16-AUG-04 21:17		0.93	µg/m³		1	0.43
1,2,4-Trimethylbenzene	16-AUG-04 21:17		0.19	ppb v/v		1	0.088
1,3-Dichlorobenzene	16-AUG-04 21:17		ND	ng/Sample		1	25.
1,3-Dichlorobenzene	16-AUG-04 21:17		ND	µg/m³		1	
1,3-Dichlorobenzene	16-AUG-04 21:17		ND	ppb v/v		1	
1,4-Dichlorobenzene	16-AUG-04 21:17		ND	ng/Sample		1	25.
1,4-Dichlorobenzene	16-AUG-04 21:17		ND	µg/m³		1	
1,4-Dichlorobenzene	16-AUG-04 21:17		ND	ppb v/v		1	
1,2-Dichlorobenzene	16-AUG-04 21:17		ND	ng/Sample		1	25.
1,2-Dichlorobenzene	16-AUG-04 21:17		ND	µg/m³		1	
1,2-Dichlorobenzene	16-AUG-04 21:17		ND	ppb v/v		1	
1,2,4-Trichlorobenzene	16-AUG-04 21:17		ND	ng/Sample		1	25.
1,2,4-Trichlorobenzene	16-AUG-04 21:17		ND	µg/m³		1	
1,2,4-Trichlorobenzene	16-AUG-04 21:17		ND	ppb v/v		1	
Hexachlorobutadiene	16-AUG-04 21:17		ND	ng/Sample		1	25.
Hexachlorobutadiene	16-AUG-04 21:17		ND	µg/m³		1	
Hexachlorobutadiene	16-AUG-04 21:17		ND	ppb v/v		1	
Methyl t-Butyl Ether	16-AUG-04 21:17		ND	ng/Sample		1	25.
Methyl t-Butyl Ether	16-AUG-04 21:17		ND	µg/m³		1	
Methyl t-Butyl Ether	16-AUG-04 21:17		ND	ppb v/v		1	
Air Volume	16-AUG-04 21:17		58.0	Liter		1	

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FORM A (TYPE I)
SINGLE METHOD ANALYSES

SAMPLE ANALYSIS DATA SHEET

S047D0Q4

Date Printed.....: 19-AUG-04 15:36
Client Name.....: Prezant Associates

DCL Sample Name...: 04I23628
DCL Report Group..: 04I-2520-01

Tentatively Identified Compound Results

Analyte(Retention Time)	Date Analyzed	Result	Units	Qual.	Dilution
Pentane(6.27)	16-AUG-04 21:17	69.	ng/Sample	J	1
Hexane, 3-methyl-(10.36)	16-AUG-04 21:17	54.	ng/Sample	J	1
Decane(17.67)	16-AUG-04 21:17	64.	ng/Sample	J	1
Benzene, 1,2-diethyl-(18.17)	16-AUG-04 21:17	52.	ng/Sample	J	1
C12 Hydrocarbon(18.62)	16-AUG-04 21:17	72.	ng/Sample	J	1
C12 Hydrocarbon(19.03)	16-AUG-04 21:17	92.	ng/Sample	J	1
C11 Terpene(19.30)	16-AUG-04 21:17	60.	ng/Sample	J	1
6-Octen-1-ol, 3,7-dimethyl-,(21.28)	16-AUG-04 21:17	100	ng/Sample	J	1
Benzoic acid, 2-amino-, methyl(22.93)	16-AUG-04 21:17	87.	ng/Sample	J	1
3-Benzylquinoline(23.15)	16-AUG-04 21:17	500	ng/Sample	J	1
Butylated Hydroxytoluene(24.87)	16-AUG-04 21:17	140	ng/Sample	J	1
Lilial(25.01)	16-AUG-04 21:17	200	ng/Sample	J	1

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DATA CHEM LABORATORIES
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FORM A (TYPE I)
SINGLE METHOD ANALYSES

SAMPLE ANALYSIS DATA SHEET

S047D005

Date Printed.....: 19-AUG-04 15:36

Client Name.....: Prezant Associates
Client Ref Number....: C315-0006-00
Sampling Site.....: Firestation 31
Release Number.....: C315-0006-00

Date Received.....: 13-AUG-04 00:00

Client Sample Name: 01-VOC-1103
DCL Sample Name...: 04I23629
DCL Report Group..: 04I-2520-01

Matrix.....: CARBO
Date Sampled.....: 10-AUG-04 00:00
Reporting Units...: ng/Sample
Report Basis.....: ☒ As Received ☐ Dried

DCL Preparation Group: Not Applicable
Date Prepared.....: Not Applicable
Preparation Method...: Not Applicable
Aliquot Weight/Volume: Not Applicable
Net Weight/Volume....: Not Required

DCL Analysis Group: G047J00M
Analysis Method...: TO17
Instrument Type...: GC/MS VO
Instrument ID.....: 5972-X
Column Type.....: DB-1
☒ Primary
☐ Confirmation

Analytical Results

Analyte	Date Analyzed	MDL	Result	Units	Qual.	Dilution	PQL
Dichlorodifluoromethane	16-AUG-04 21:54		ND	ng/Sample		1	25.
Dichlorodifluoromethane	16-AUG-04 21:54		ND	µg/m³		1	
Dichlorodifluoromethane	16-AUG-04 21:54		ND	ppb v/v		1	
Chloromethane	16-AUG-04 21:54		ND	ng/Sample		1	25.
Chloromethane	16-AUG-04 21:54		ND	µg/m³		1	
Chloromethane	16-AUG-04 21:54		ND	ppb v/v		1	
Freon 114	16-AUG-04 21:54		ND	ng/Sample		1	25.
Freon 114	16-AUG-04 21:54		ND	µg/m³		1	
Freon 114	16-AUG-04 21:54		ND	ppb v/v		1	
Vinyl Chloride	16-AUG-04 21:54		ND	ng/Sample		1	25.
Vinyl Chloride	16-AUG-04 21:54		ND	µg/m³		1	
Vinyl Chloride	16-AUG-04 21:54		ND	ppb v/v		1	
Bromomethane	16-AUG-04 21:54		ND	ng/Sample		1	25.
Bromomethane	16-AUG-04 21:54		ND	µg/m³		1	
Bromomethane	16-AUG-04 21:54		ND	ppb v/v		1	
Chloroethane	16-AUG-04 21:54		ND	ng/Sample		1	25.
Chloroethane	16-AUG-04 21:54		ND	µg/m³		1	
Chloroethane	16-AUG-04 21:54		ND	ppb v/v		1	
Freon 11	16-AUG-04 21:54		74.	ng/Sample		1	25.
Freon 11	16-AUG-04 21:54		1.2	µg/m³		1	0.40
Freon 11	16-AUG-04 21:54		0.21	ppb v/v		1	0.071
cis-1,2-Dichloroethene	16-AUG-04 21:54		ND	ng/Sample		1	25.
cis-1,2-Dichloroethene	16-AUG-04 21:54		ND	µg/m³		1	
cis-1,2-Dichloroethene	16-AUG-04 21:54		ND	ppb v/v		1	
Carbon Disulfide	16-AUG-04 21:54		ND	ng/Sample		1	25.
Carbon Disulfide	16-AUG-04 21:54		ND	µg/m³		1	
Carbon Disulfide	16-AUG-04 21:54		ND	ppb v/v		1	
Freon 113	16-AUG-04 21:54		35.	ng/Sample		1	25.
Freon 113	16-AUG-04 21:54		0.55	µg/m³		1	0.40
Freon 113	16-AUG-04 21:54		0.072	ppb v/v		1	0.052
Acetone	16-AUG-04 21:54		220	ng/Sample		1	25.
Acetone	16-AUG-04 21:54		3.5	µg/m³		1	0.40
Acetone	16-AUG-04 21:54		1.5	ppb v/v		1	0.17
Methylene Chloride	16-AUG-04 21:54		ND	ng/Sample		1	25.
Methylene Chloride	16-AUG-04 21:54		ND	µg/m³		1	
Methylene Chloride	16-AUG-04 21:54		ND	ppb v/v		1	
trans-1,2-Dichloroethene	16-AUG-04 21:54		ND	ng/Sample		1	25.
trans-1,2-Dichloroethene	16-AUG-04 21:54		ND	µg/m³		1	
trans-1,2-Dichloroethene	16-AUG-04 21:54		ND	ppb v/v		1	
1,1-Dichloroethane	16-AUG-04 21:54		ND	ng/Sample		1	25.
1,1-Dichloroethane	16-AUG-04 21:54		ND	µg/m³		1	

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DATA CHEM LABORATORIES
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FORM A (TYPE I)
SINGLE METHOD ANALYSES

SAMPLE ANALYSIS DATA SHEET

S047D005

Date Printed.....: 19-AUG-04 15:36
Client Name.....: Prezant Associates

DCL Sample Name...: 04I23629
DCL Report Group..: 04I-2520-01

Analytical Results

Analyte	Date Analyzed	MDL	Result	Units	Qual.	Dilution	PQL
1,1-Dichloroethane	16-AUG-04 21:54		ND	ppb v/v		1	
Vinyl Acetate	16-AUG-04 21:54		ND	ng/Sample		1	25.
Vinyl Acetate	16-AUG-04 21:54		ND	µg/m³		1	
Vinyl Acetate	16-AUG-04 21:54		ND	ppb v/v		1	
1,1-Dichloroethene	16-AUG-04 21:54		ND	ng/Sample		1	25.
1,1-Dichloroethene	16-AUG-04 21:54		ND	µg/m³		1	
1,1-Dichloroethene	16-AUG-04 21:54		ND	ppb v/v		1	
2-Butanone	16-AUG-04 21:54		ND	ng/Sample		1	25.
2-Butanone	16-AUG-04 21:54		ND	µg/m³		1	
2-Butanone	16-AUG-04 21:54		ND	ppb v/v		1	
Chloroform	16-AUG-04 21:54		ND	ng/Sample		1	25.
Chloroform	16-AUG-04 21:54		ND	µg/m³		1	
Chloroform	16-AUG-04 21:54		ND	ppb v/v		1	
1,1,1-Trichloroethane	16-AUG-04 21:54		ND	ng/Sample		1	25.
1,1,1-Trichloroethane	16-AUG-04 21:54		ND	µg/m³		1	
1,1,1-Trichloroethane	16-AUG-04 21:54		ND	ppb v/v		1	
Carbon Tetrachloride	16-AUG-04 21:54		30.	ng/Sample		1	25.
Carbon Tetrachloride	16-AUG-04 21:54		0.48	µg/m³		1	0.40
Carbon Tetrachloride	16-AUG-04 21:54		0.076	ppb v/v		1	0.063
Benzene	16-AUG-04 21:54		92.	ng/Sample		1	25.
Benzene	16-AUG-04 21:54		1.5	µg/m³		1	0.40
Benzene	16-AUG-04 21:54		0.46	ppb v/v		1	0.12
1,2-Dichloroethane	16-AUG-04 21:54		ND	ng/Sample		1	25.
1,2-Dichloroethane	16-AUG-04 21:54		ND	µg/m³		1	
1,2-Dichloroethane	16-AUG-04 21:54		ND	ppb v/v		1	
Trichloroethene	16-AUG-04 21:54		ND	ng/Sample		1	25.
Trichloroethene	16-AUG-04 21:54		ND	µg/m³		1	
Trichloroethene	16-AUG-04 21:54		ND	ppb v/v		1	
1,2-Dichloropropane	16-AUG-04 21:54		ND	ng/Sample		1	25.
1,2-Dichloropropane	16-AUG-04 21:54		ND	µg/m³		1	
1,2-Dichloropropane	16-AUG-04 21:54		ND	ppb v/v		1	
Bromodichloromethane	16-AUG-04 21:54		ND	ng/Sample		1	25.
Bromodichloromethane	16-AUG-04 21:54		ND	µg/m³		1	
Bromodichloromethane	16-AUG-04 21:54		ND	ppb v/v		1	
cis-1,3-Dichloropropene	16-AUG-04 21:54		ND	ng/Sample		1	25.
cis-1,3-Dichloropropene	16-AUG-04 21:54		ND	µg/m³		1	
cis-1,3-Dichloropropene	16-AUG-04 21:54		ND	ppb v/v		1	
4-Methyl-2-Pentanone	16-AUG-04 21:54		27.	ng/Sample		1	25.
4-Methyl-2-Pentanone	16-AUG-04 21:54		0.43	µg/m³		1	0.40
4-Methyl-2-Pentanone	16-AUG-04 21:54		0.10	ppb v/v		1	0.097
Toluene	16-AUG-04 21:54		290	ng/Sample		1	25.
Toluene	16-AUG-04 21:54		4.6	µg/m³		1	0.40
Toluene	16-AUG-04 21:54		1.2	ppb v/v		1	0.11
trans-1,3-Dichloropropene	16-AUG-04 21:54		ND	ng/Sample		1	25.
trans-1,3-Dichloropropene	16-AUG-04 21:54		ND	µg/m³		1	
trans-1,3-Dichloropropene	16-AUG-04 21:54		ND	ppb v/v		1	
1,1,2-Trichloroethane	16-AUG-04 21:54		ND	ng/Sample		1	25.
1,1,2-Trichloroethane	16-AUG-04 21:54		ND	µg/m³		1	
1,1,2-Trichloroethane	16-AUG-04 21:54		ND	ppb v/v		1	
Tetrachloroethene	16-AUG-04 21:54		ND	ng/Sample		1	25.
Tetrachloroethene	16-AUG-04 21:54		ND	µg/m³		1	
Tetrachloroethene	16-AUG-04 21:54		ND	ppb v/v		1	
2-Hexanone	16-AUG-04 21:54		ND	ng/Sample		1	25.
2-Hexanone	16-AUG-04 21:54		ND	µg/m³		1	
2-Hexanone	16-AUG-04 21:54		ND	ppb v/v		1	
Dibromochloromethane	16-AUG-04 21:54		ND	ng/Sample		1	25.
Dibromochloromethane	16-AUG-04 21:54		ND	µg/m³		1	
Dibromochloromethane	16-AUG-04 21:54		ND	ppb v/v		1	

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FORM A (TYPE I)
SINGLE METHOD ANALYSES

SAMPLE ANALYSIS DATA SHEET

S047D005

Date Printed.....: 19-AUG-04 15:36
Client Name.....: Prezant Associates

DCL Sample Name...: 04I23629
DCL Report Group..: 04I-2520-01

Analytical Results

Analyte	Date Analyzed	MDL	Result	Units	Qual.	Dilution	PQL
1,2-Dibromoethane	16-AUG-04 21:54		ND	ng/Sample		1	25.
1,2-Dibromoethane	16-AUG-04 21:54		ND	µg/m³		1	
1,2-Dibromoethane	16-AUG-04 21:54		ND	ppb v/v		1	
Chlorobenzene	16-AUG-04 21:54		ND	ng/Sample		1	25.
Chlorobenzene	16-AUG-04 21:54		ND	µg/m³		1	
Chlorobenzene	16-AUG-04 21:54		ND	ppb v/v		1	
Ethylbenzene	16-AUG-04 21:54		50.	ng/Sample		1	25.
Ethylbenzene	16-AUG-04 21:54		0.79	µg/m³		1	0.40
Ethylbenzene	16-AUG-04 21:54		0.18	ppb v/v		1	0.091
m,p-Xylene	16-AUG-04 21:54		160	ng/Sample		1	25.
m,p-Xylene	16-AUG-04 21:54		2.5	µg/m³		1	0.40
m,p-Xylene	16-AUG-04 21:54		0.58	ppb v/v		1	0.091
o-Xylene	16-AUG-04 21:54		58.	ng/Sample		1	25.
o-Xylene	16-AUG-04 21:54		0.92	µg/m³		1	0.40
o-Xylene	16-AUG-04 21:54		0.21	ppb v/v		1	0.091
Styrene	16-AUG-04 21:54		ND	ng/Sample		1	25.
Styrene	16-AUG-04 21:54		ND	µg/m³		1	
Styrene	16-AUG-04 21:54		ND	ppb v/v		1	
Bromoform	16-AUG-04 21:54		ND	ng/Sample		1	25.
Bromoform	16-AUG-04 21:54		ND	µg/m³		1	
Bromoform	16-AUG-04 21:54		ND	ppb v/v		1	
1,1,2,2-Tetrachloroethane	16-AUG-04 21:54		ND	ng/Sample		1	25.
1,1,2,2-Tetrachloroethane	16-AUG-04 21:54		ND	µg/m³		1	
1,1,2,2-Tetrachloroethane	16-AUG-04 21:54		ND	ppb v/v		1	
Benzyl Chloride	16-AUG-04 21:54		ND	ng/Sample		1	25.
Benzyl Chloride	16-AUG-04 21:54		ND	µg/m³		1	
Benzyl Chloride	16-AUG-04 21:54		ND	ppb v/v		1	
4-Ethyl toluene	16-AUG-04 21:54		ND	ng/Sample		1	25.
4-Ethyl toluene	16-AUG-04 21:54		ND	µg/m³		1	
4-Ethyl toluene	16-AUG-04 21:54		ND	ppb v/v		1	
1,3,5-Trimethylbenzene	16-AUG-04 21:54		ND	ng/Sample		1	25.
1,3,5-Trimethylbenzene	16-AUG-04 21:54		ND	ppb v/v		1	
1,3,5-Trimethylbenzene	16-AUG-04 21:54		ND	ppb v/v		1	
1,2,4-Trimethylbenzene	16-AUG-04 21:54		60.	ng/Sample		1	25.
1,2,4-Trimethylbenzene	16-AUG-04 21:54		0.95	µg/m³		1	0.40
1,2,4-Trimethylbenzene	16-AUG-04 21:54		0.19	ppb v/v		1	0.081
1,3-Dichlorobenzene	16-AUG-04 21:54		ND	ng/Sample		1	25.
1,3-Dichlorobenzene	16-AUG-04 21:54		ND	µg/m³		1	
1,3-Dichlorobenzene	16-AUG-04 21:54		ND	ppb v/v		1	
1,4-Dichlorobenzene	16-AUG-04 21:54		ND	ng/Sample		1	25.
1,4-Dichlorobenzene	16-AUG-04 21:54		ND	µg/m³		1	
1,4-Dichlorobenzene	16-AUG-04 21:54		ND	ppb v/v		1	
1,2-Dichlorobenzene	16-AUG-04 21:54		ND	ng/Sample		1	25.
1,2-Dichlorobenzene	16-AUG-04 21:54		ND	µg/m³		1	
1,2-Dichlorobenzene	16-AUG-04 21:54		ND	ppb v/v		1	
1,2,4-Trichlorobenzene	16-AUG-04 21:54		ND	ng/Sample		1	25.
1,2,4-Trichlorobenzene	16-AUG-04 21:54		ND	µg/m³		1	
1,2,4-Trichlorobenzene	16-AUG-04 21:54		ND	ppb v/v		1	
Hexachlorobutadiene	16-AUG-04 21:54		ND	ng/Sample		1	25.
Hexachlorobutadiene	16-AUG-04 21:54		ND	µg/m³		1	
Hexachlorobutadiene	16-AUG-04 21:54		ND	ppb v/v		1	
Methyl t-Butyl Ether	16-AUG-04 21:54		ND	ng/Sample		1	25.
Methyl t-Butyl Ether	16-AUG-04 21:54		ND	µg/m³		1	
Methyl t-Butyl Ether	16-AUG-04 21:54		ND	ppb v/v		1	
Air Volume	16-AUG-04 21:54		63.1	Liter		1	

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FORM A (TYPE I)
SINGLE METHOD ANALYSES

SAMPLE ANALYSIS DATA SHEET

S047D0Q5

Date Printed.....: 19-AUG-04 15:36
Client Name.....: Prezant Associates

DCL Sample Name...: 04I23629
DCL Report Group..: 04I-2520-01

Tentatively Identified Compound Results

Analyte(Retention Time)	Date Analyzed	Result	Units	Qual.	Dilution
Butane, 2-methyl-(5.98)	16-AUG-04 21:54	71.	ng/Sample	J	1
Pentane(6.43)	16-AUG-04 21:54	100	ng/Sample	J	1
Pentane, 2-methyl-(7.85)	16-AUG-04 21:54	67.	ng/Sample	J	1
CYCLOPENTANE, METHYL-(9.26)	16-AUG-04 21:54	85.	ng/Sample	J	1
Hexane, 3-methyl-(10.41)	16-AUG-04 21:54	59.	ng/Sample	J	1
Heptane, 4-methyl-(12.63)	16-AUG-04 21:54	86.	ng/Sample	J	1
Octane(13.37)	16-AUG-04 21:54	93.	ng/Sample	J	1
C9 Cyclic Hydrocarbon(14.34)	16-AUG-04 21:54	92.	ng/Sample	J	1
Decane(17.68)	16-AUG-04 21:54	77.	ng/Sample	J	1
C17 Cyclic Hydrocarbon(23.97)	16-AUG-04 21:54	60.	ng/Sample	J	1
Butylated Hydroxytoluene(24.86)	16-AUG-04 21:54	92.	ng/Sample	J	1
Lilial(25.00)	16-AUG-04 21:54	130	ng/Sample	J	1

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FORM A (TYPE I)
SINGLE METHOD ANALYSES

SAMPLE ANALYSIS DATA SHEET

S047D006

Date Printed.....: 19-AUG-04 15:36

Client Name.....: Prezant Associates
Client Ref Number....: C315-0006-00
Sampling Site.....: Firestation 31
Release Number.....: C315-0006-00

Date Received.....: 13-AUG-04 00:00

Client Sample Name: 00-VOC-1104
DCL Sample Name...: 04I23630
DCL Report Group..: 04I-2520-01

Matrix.....: CARBO
Date Sampled.....: 10-AUG-04 00:00
Reporting Units...: ng/Sample
Report Basis.....: ☒ As Received ☐ Dried

DCL Preparation Group: Not Applicable
Date Prepared.....: Not Applicable
Preparation Method...: Not Applicable
Aliquot Weight/Volume: Not Applicable
Net Weight/Volume....: Not Required

DCL Analysis Group: G047J00M
Analysis Method...: T017
Instrument Type...: GC/MS VO
Instrument ID.....: 5972-X
Column Type.....: DB-1
☒ Primary
☐ Confirmation

Analytical Results

Analyte	Date Analyzed	MDL	Result	Units	Qual.	Dilution	PQL
Dichlorodifluoromethane	16-AUG-04 22:32		ND	ng/Sample		1	25.
Dichlorodifluoromethane	16-AUG-04 22:32		ND	µg/m³		1	
Dichlorodifluoromethane	16-AUG-04 22:32		ND	ppb v/v		1	
Chloromethane	16-AUG-04 22:32		ND	ng/Sample		1	25.
Chloromethane	16-AUG-04 22:32		ND	µg/m³		1	
Chloromethane	16-AUG-04 22:32		ND	ppb v/v		1	
Freon 114	16-AUG-04 22:32		ND	ng/Sample		1	25.
Freon 114	16-AUG-04 22:32		ND	µg/m³		1	
Freon 114	16-AUG-04 22:32		ND	ppb v/v		1	
Vinyl Chloride	16-AUG-04 22:32		ND	ng/Sample		1	25.
Vinyl Chloride	16-AUG-04 22:32		ND	µg/m³		1	
Vinyl Chloride	16-AUG-04 22:32		ND	ppb v/v		1	
Bromomethane	16-AUG-04 22:32		ND	ng/Sample		1	25.
Bromomethane	16-AUG-04 22:32		ND	µg/m³		1	
Bromomethane	16-AUG-04 22:32		ND	ppb v/v		1	
Chloroethane	16-AUG-04 22:32		ND	ng/Sample		1	25.
Chloroethane	16-AUG-04 22:32		ND	µg/m³		1	
Chloroethane	16-AUG-04 22:32		ND	ppb v/v		1	
Freon 11	16-AUG-04 22:32		73.	ng/Sample		1	25.
Freon 11	16-AUG-04 22:32		1.3	µg/m³		1	0.43
Freon 11	16-AUG-04 22:32		0.22	ppb v/v		1	0.077
cis-1,2-Dichloroethene	16-AUG-04 22:32		ND	ng/Sample		1	25.
cis-1,2-Dichloroethene	16-AUG-04 22:32		ND	µg/m³		1	
cis-1,2-Dichloroethene	16-AUG-04 22:32		ND	ppb v/v		1	
Carbon Disulfide	16-AUG-04 22:32		ND	ng/Sample		1	25.
Carbon Disulfide	16-AUG-04 22:32		ND	µg/m³		1	
Carbon Disulfide	16-AUG-04 22:32		ND	ppb v/v		1	
Freon 113	16-AUG-04 22:32		45.	ng/Sample		1	25.
Freon 113	16-AUG-04 22:32		0.77	µg/m³		1	0.43
Freon 113	16-AUG-04 22:32		0.10	ppb v/v		1	0.056
Acetone	16-AUG-04 22:32		46.	ng/Sample		1	25.
Acetone	16-AUG-04 22:32		0.79	µg/m³		1	0.43
Acetone	16-AUG-04 22:32		0.33	ppb v/v		1	0.18
Methylene Chloride	16-AUG-04 22:32		ND	ng/Sample		1	25.
Methylene Chloride	16-AUG-04 22:32		ND	µg/m³		1	
Methylene Chloride	16-AUG-04 22:32		ND	ppb v/v		1	
trans-1,2-Dichloroethene	16-AUG-04 22:32		ND	ng/Sample		1	25.
trans-1,2-Dichloroethene	16-AUG-04 22:32		ND	µg/m³		1	
trans-1,2-Dichloroethene	16-AUG-04 22:32		ND	ppb v/v		1	
1,1-Dichloroethane	16-AUG-04 22:32		ND	ng/Sample		1	25.
1,1-Dichloroethane	16-AUG-04 22:32		ND	µg/m³		1	

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DATA CHEM LABORATORIES
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FORM A (TYPE I)
SINGLE METHOD ANALYSES

SAMPLE ANALYSIS DATA SHEET

S047D006

Date Printed.....: 19-AUG-04 15:36
Client Name.....: Prezant Associates

DCL Sample Name...: 04I23630
DCL Report Group..: 04I-2520-01

Analytical Results

Analyte	Date Analyzed	MDL	Result	Units	Qual.	Dilution	PQL
1,1-Dichloroethane	16-AUG-04 22:32		ND	ppb v/v		1	
Vinyl Acetate	16-AUG-04 22:32		ND	ng/Sample		1	25.
Vinyl Acetate	16-AUG-04 22:32		ND	µg/m³		1	
Vinyl Acetate	16-AUG-04 22:32		ND	ppb v/v		1	
1,1-Dichloroethene	16-AUG-04 22:32		ND	ng/Sample		1	25.
1,1-Dichloroethene	16-AUG-04 22:32		ND	µg/m³		1	
1,1-Dichloroethene	16-AUG-04 22:32		ND	ppb v/v		1	
2-Butanone	16-AUG-04 22:32		ND	ng/Sample		1	25.
2-Butanone	16-AUG-04 22:32		ND	µg/m³		1	
2-Butanone	16-AUG-04 22:32		ND	ppb v/v		1	
Chloroform	16-AUG-04 22:32		ND	ng/Sample		1	25.
Chloroform	16-AUG-04 22:32		ND	µg/m³		1	
Chloroform	16-AUG-04 22:32		ND	ppb v/v		1	
1,1,1-Trichloroethane	16-AUG-04 22:32		ND	ng/Sample		1	25.
1,1,1-Trichloroethane	16-AUG-04 22:32		ND	µg/m³		1	
1,1,1-Trichloroethane	16-AUG-04 22:32		ND	ppb v/v		1	
Carbon Tetrachloride	16-AUG-04 22:32		ND	ng/Sample		1	25.
Carbon Tetrachloride	16-AUG-04 22:32		ND	µg/m³		1	
Carbon Tetrachloride	16-AUG-04 22:32		ND	ppb v/v		1	
Benzene	16-AUG-04 22:32		70.	ng/Sample		1	25.
Benzene	16-AUG-04 22:32		1.2	µg/m³		1	0.43
Benzene	16-AUG-04 22:32		0.38	ppb v/v		1	0.13
1,2-Dichloroethane	16-AUG-04 22:32		ND	ng/Sample		1	25.
1,2-Dichloroethane	16-AUG-04 22:32		ND	µg/m³		1	
1,2-Dichloroethane	16-AUG-04 22:32		ND	ppb v/v		1	
Trichloroethene	16-AUG-04 22:32		ND	ng/Sample		1	25.
Trichloroethene	16-AUG-04 22:32		ND	µg/m³		1	
Trichloroethene	16-AUG-04 22:32		ND	ppb v/v		1	
1,2-Dichloropropane	16-AUG-04 22:32		ND	ng/Sample		1	25.
1,2-Dichloropropane	16-AUG-04 22:32		ND	µg/m³		1	
1,2-Dichloropropane	16-AUG-04 22:32		ND	ppb v/v		1	
Bromodichloromethane	16-AUG-04 22:32		ND	ng/Sample		1	25.
Bromodichloromethane	16-AUG-04 22:32		ND	µg/m³		1	
Bromodichloromethane	16-AUG-04 22:32		ND	ppb v/v		1	
cis-1,3-Dichloropropene	16-AUG-04 22:32		ND	ng/Sample		1	25.
cis-1,3-Dichloropropene	16-AUG-04 22:32		ND	µg/m³		1	
cis-1,3-Dichloropropene	16-AUG-04 22:32		ND	ppb v/v		1	
4-Methyl-2-Pentanone	16-AUG-04 22:32		ND	ng/Sample		1	25.
4-Methyl-2-Pentanone	16-AUG-04 22:32		ND	µg/m³		1	
4-Methyl-2-Pentanone	16-AUG-04 22:32		ND	ppb v/v		1	
Toluene	16-AUG-04 22:32		220	ng/Sample		1	25.
Toluene	16-AUG-04 22:32		3.8	µg/m³		1	0.43
Toluene	16-AUG-04 22:32		1.0	ppb v/v		1	0.11
trans-1,3-Dichloropropene	16-AUG-04 22:32		ND	ng/Sample		1	25.
trans-1,3-Dichloropropene	16-AUG-04 22:32		ND	µg/m³		1	
trans-1,3-Dichloropropene	16-AUG-04 22:32		ND	ppb v/v		1	
1,1,2-Trichloroethane	16-AUG-04 22:32		ND	ng/Sample		1	25.
1,1,2-Trichloroethane	16-AUG-04 22:32		ND	µg/m³		1	
1,1,2-Trichloroethane	16-AUG-04 22:32		ND	ppb v/v		1	
Tetrachloroethene	16-AUG-04 22:32		ND	ng/Sample		1	25.
Tetrachloroethene	16-AUG-04 22:32		ND	µg/m³		1	
Tetrachloroethene	16-AUG-04 22:32		ND	ppb v/v		1	
2-Hexanone	16-AUG-04 22:32		ND	ng/Sample		1	25.
2-Hexanone	16-AUG-04 22:32		ND	µg/m³		1	
2-Hexanone	16-AUG-04 22:32		ND	ppb v/v		1	
Dibromochloromethane	16-AUG-04 22:32		ND	ng/Sample		1	25.
Dibromochloromethane	16-AUG-04 22:32		ND	µg/m³		1	
Dibromochloromethane	16-AUG-04 22:32		ND	ppb v/v		1	

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DATA CHEM LABORATORIES
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FORM A (TYPE I)
SINGLE METHOD ANALYSES

SAMPLE ANALYSIS DATA SHEET

S047D0Q6

Date Printed.....: 19-AUG-04 15:36
Client Name.....: Prezant Associates

DCL Sample Name...: 04I23630
DCL Report Group..: 04I-2520-01

Analytical Results

Analyte	Date Analyzed	MDL	Result	Units	Qual.	Dilution	PQL
1,2-Dibromoethane	16-AUG-04 22:32		ND	ng/Sample		1	25.
1,2-Dibromoethane	16-AUG-04 22:32		ND	µg/m³		1	
1,2-Dibromoethane	16-AUG-04 22:32		ND	ppb v/v		1	
Chlorobenzene	16-AUG-04 22:32		ND	ng/Sample		1	25.
Chlorobenzene	16-AUG-04 22:32		ND	µg/m³		1	
Chlorobenzene	16-AUG-04 22:32		ND	ppb v/v		1	
Ethylbenzene	16-AUG-04 22:32		38.	ng/Sample		1	25.
Ethylbenzene	16-AUG-04 22:32		0.65	µg/m³		1	0.43
Ethylbenzene	16-AUG-04 22:32		0.15	ppb v/v		1	0.099
m,p-Xylene	16-AUG-04 22:32		120	ng/Sample		1	25.
m,p-Xylene	16-AUG-04 22:32		2.1	µg/m³		1	0.43
m,p-Xylene	16-AUG-04 22:32		0.48	ppb v/v		1	0.099
o-Xylene	16-AUG-04 22:32		44.	ng/Sample		1	25.
o-Xylene	16-AUG-04 22:32		0.76	µg/m³		1	0.43
o-Xylene	16-AUG-04 22:32		0.17	ppb v/v		1	0.099
Styrene	16-AUG-04 22:32		ND	ng/Sample		1	25.
Styrene	16-AUG-04 22:32		ND	µg/m³		1	
Styrene	16-AUG-04 22:32		ND	ppb v/v		1	
Bromoform	16-AUG-04 22:32		ND	ng/Sample		1	25.
Bromoform	16-AUG-04 22:32		ND	µg/m³		1	
Bromoform	16-AUG-04 22:32		ND	ppb v/v		1	
1,1,2,2-Tetrachloroethane	16-AUG-04 22:32		ND	ng/Sample		1	25.
1,1,2,2-Tetrachloroethane	16-AUG-04 22:32		ND	µg/m³		1	
1,1,2,2-Tetrachloroethane	16-AUG-04 22:32		ND	ppb v/v		1	
Benzyl Chloride	16-AUG-04 22:32		ND	ng/Sample		1	25.
Benzyl Chloride	16-AUG-04 22:32		ND	µg/m³		1	
Benzyl Chloride	16-AUG-04 22:32		ND	ppb v/v		1	
4-Ethyl toluene	16-AUG-04 22:32		ND	ng/Sample		1	25.
4-Ethyl toluene	16-AUG-04 22:32		ND	µg/m³		1	
4-Ethyl toluene	16-AUG-04 22:32		ND	ppb v/v		1	
1,3,5-Trimethylbenzene	16-AUG-04 22:32		ND	ng/Sample		1	25.
1,3,5-Trimethylbenzene	16-AUG-04 22:32		ND	ppb v/v		1	
1,3,5-Trimethylbenzene	16-AUG-04 22:32		ND	ppb v/v		1	
1,2,4-Trimethylbenzene	16-AUG-04 22:32		45.	ng/Sample		1	25.
1,2,4-Trimethylbenzene	16-AUG-04 22:32		0.77	µg/m³		1	0.43
1,2,4-Trimethylbenzene	16-AUG-04 22:32		0.16	ppb v/v		1	0.088
1,3-Dichlorobenzene	16-AUG-04 22:32		ND	ng/Sample		1	25.
1,3-Dichlorobenzene	16-AUG-04 22:32		ND	µg/m³		1	
1,3-Dichlorobenzene	16-AUG-04 22:32		ND	ppb v/v		1	
1,4-Dichlorobenzene	16-AUG-04 22:32		ND	ng/Sample		1	25.
1,4-Dichlorobenzene	16-AUG-04 22:32		ND	µg/m³		1	
1,4-Dichlorobenzene	16-AUG-04 22:32		ND	ppb v/v		1	
1,2-Dichlorobenzene	16-AUG-04 22:32		ND	ng/Sample		1	25.
1,2-Dichlorobenzene	16-AUG-04 22:32		ND	µg/m³		1	
1,2-Dichlorobenzene	16-AUG-04 22:32		ND	ppb v/v		1	
1,2,4-Trichlorobenzene	16-AUG-04 22:32		ND	ng/Sample		1	25.
1,2,4-Trichlorobenzene	16-AUG-04 22:32		ND	µg/m³		1	
1,2,4-Trichlorobenzene	16-AUG-04 22:32		ND	ppb v/v		1	
Hexachlorobutadiene	16-AUG-04 22:32		ND	ng/Sample		1	25.
Hexachlorobutadiene	16-AUG-04 22:32		ND	µg/m³		1	
Hexachlorobutadiene	16-AUG-04 22:32		ND	ppb v/v		1	
Methyl t-Butyl Ether	16-AUG-04 22:32		ND	ng/Sample		1	25.
Methyl t-Butyl Ether	16-AUG-04 22:32		ND	µg/m³		1	
Methyl t-Butyl Ether	16-AUG-04 22:32		ND	ppb v/v		1	
Air Volume	16-AUG-04 22:32		58.1	Liter		1	

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FORM A (TYPE I)
SINGLE METHOD ANALYSES

SAMPLE ANALYSIS DATA SHEET

S047D006

Date Printed.....: 19-AUG-04 16:59
Client Name.....: Prezant Associates

DCL Sample Name...: 04I23630
DCL Report Group..: 04I-2520-01

Tentatively Identified Compound Results

Analyte(Retention Time)	Date Analyzed	Result	Units	Qual.	Dilution
Acetaldehyde(4.47)	16-AUG-04 22:32	31.	ng/Sample	J	1
Butane(4.79)	16-AUG-04 22:32	71.	ng/Sample	J	1
Pentane(6.28)	16-AUG-04 22:32	100	ng/Sample	J	1
Pentane, 2-methyl-(7.75)	16-AUG-04 22:32	69.	ng/Sample	J	1
Pentane, 3-methyl-(8.08)	16-AUG-04 22:32	37.	ng/Sample	J	1
CYCLOPENTANE, METHYL-(9.17)	16-AUG-04 22:32	76.	ng/Sample	J	1
Hexane, 2-methyl-(10.13)	16-AUG-04 22:32	34.	ng/Sample	J	1
Hexane, 3-methyl-(10.35)	16-AUG-04 22:32	43.	ng/Sample	J	1
Hexane, 2,2-dimethyl-(10.72)	16-AUG-04 22:32	41.	ng/Sample	J	1
C3 Subst. Benzene(16.84)	16-AUG-04 22:32	37.	ng/Sample	J	1
C10 Cyclic Hydrocarbon(16.99)	16-AUG-04 22:32	33.	ng/Sample	J	1
Decane(17.67)	16-AUG-04 22:32	35.	ng/Sample	J	1
6-Octen-1-ol, 3,7-dimethyl-,(21.30)	16-AUG-04 22:32	34.	ng/Sample	J	1
Butylated Hydroxytoluene(24.87)	16-AUG-04 22:32	64.	ng/Sample	J	1
Lilial(25.02)	16-AUG-04 22:32	110	ng/Sample	J	1

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FORM A (TYPE I)
SINGLE METHOD ANALYSES

SAMPLE ANALYSIS DATA SHEET

S047D007

Date Printed.....: 19-AUG-04 15:36

Client Name.....: Prezant Associates
Client Ref Number....: C315-0006-00
Sampling Site.....: Firestation 31
Release Number.....: C315-0006-00

Date Received.....: 13-AUG-04 00:00

DCL Preparation Group: Not Applicable
Date Prepared.....: Not Applicable
Preparation Method...: Not Applicable
Aliquot Weight/Volume: Not Applicable
Net Weight/Volume....: Not Required

Client Sample Name: 29-VOC-1105
DCL Sample Name...: 04I23631
DCL Report Group..: 04I-2520-01

Matrix.....: CARBO
Date Sampled.....: 10-AUG-04 00:00
Reporting Units...: ng/Sample
Report Basis.....: ☒ As Received ☐ Dried

DCL Analysis Group: G047J00M
Analysis Method...: T017
Instrument Type...: GC/MS VO
Instrument ID.....: 5972-X
Column Type.....: DB-1
☒ Primary
☐ Confirmation

Analytical Results

Analyte	Date Analyzed	MDL	Result	Units	Qual.	Dilution	PQL
Dichlorodifluoromethane	16-AUG-04 23:09		210	ng/Sample		1	25.
Dichlorodifluoromethane	16-AUG-04 23:09		3.8	µg/m³		1	0.46
Dichlorodifluoromethane	16-AUG-04 23:09		0.78	ppb v/v		1	0.093
Chloromethane	16-AUG-04 23:09		30.	ng/Sample		1	25.
Chloromethane	16-AUG-04 23:09		0.55	µg/m³		1	0.46
Chloromethane	16-AUG-04 23:09		0.27	ppb v/v		1	0.22
Freon 114	16-AUG-04 23:09		ND	ng/Sample		1	25.
Freon 114	16-AUG-04 23:09		ND	µg/m³		1	
Freon 114	16-AUG-04 23:09		ND	ppb v/v		1	
Vinyl Chloride	16-AUG-04 23:09		ND	ng/Sample		1	25.
Vinyl Chloride	16-AUG-04 23:09		ND	µg/m³		1	
Vinyl Chloride	16-AUG-04 23:09		ND	ppb v/v		1	
Bromomethane	16-AUG-04 23:09		ND	ng/Sample		1	25.
Bromomethane	16-AUG-04 23:09		ND	µg/m³		1	
Bromomethane	16-AUG-04 23:09		ND	ppb v/v		1	
Chloroethane	16-AUG-04 23:09		ND	ng/Sample		1	25.
Chloroethane	16-AUG-04 23:09		ND	µg/m³		1	
Chloroethane	16-AUG-04 23:09		ND	ppb v/v		1	
Freon 11	16-AUG-04 23:09		220	ng/Sample		1	25.
Freon 11	16-AUG-04 23:09		4.0	µg/m³		1	0.46
Freon 11	16-AUG-04 23:09		0.72	ppb v/v		1	0.081
cis-1,2-Dichloroethene	16-AUG-04 23:09		ND	ng/Sample		1	25.
cis-1,2-Dichloroethene	16-AUG-04 23:09		ND	µg/m³		1	
cis-1,2-Dichloroethene	16-AUG-04 23:09		ND	ppb v/v		1	
Carbon Disulfide	16-AUG-04 23:09		ND	ng/Sample		1	25.
Carbon Disulfide	16-AUG-04 23:09		ND	µg/m³		1	
Carbon Disulfide	16-AUG-04 23:09		ND	ppb v/v		1	
Freon 113	16-AUG-04 23:09		110	ng/Sample		1	25.
Freon 113	16-AUG-04 23:09		2.0	µg/m³		1	0.46
Freon 113	16-AUG-04 23:09		0.26	ppb v/v		1	0.060
Acetone	16-AUG-04 23:09		980	ng/Sample		1	25.
Acetone	16-AUG-04 23:09		18.	µg/m³		1	0.46
Acetone	16-AUG-04 23:09		7.6	ppb v/v		1	0.19
Methylene Chloride	16-AUG-04 23:09		70.	ng/Sample		1	25.
Methylene Chloride	16-AUG-04 23:09		1.3	µg/m³		1	0.46
Methylene Chloride	16-AUG-04 23:09		0.37	ppb v/v		1	0.13
trans-1,2-Dichloroethene	16-AUG-04 23:09		ND	ng/Sample		1	25.
trans-1,2-Dichloroethene	16-AUG-04 23:09		ND	µg/m³		1	
trans-1,2-Dichloroethene	16-AUG-04 23:09		ND	ppb v/v		1	
1,1-Dichloroethane	16-AUG-04 23:09		ND	ng/Sample		1	25.
1,1-Dichloroethane	16-AUG-04 23:09		ND	µg/m³		1	

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FORM A (TYPE I)
SINGLE METHOD ANALYSES

SAMPLE ANALYSIS DATA SHEET

Form RLIMS61A-V1.4
08190415364782
Page 20

S047D0Q7

Date Printed.....: 19-AUG-04 15:36
Client Name.....: Prezant Associates

DCL Sample Name...: 04I23631
DCL Report Group..: 04I-2520-01

Analytical Results

Analyte	Date Analyzed	MDL	Result	Units	Qual.	Dilution	PQL
1,1-Dichloroethane	16-AUG-04 23:09		ND	ppb v/v		1	
Vinyl Acetate	16-AUG-04 23:09		ND	ng/Sample		1	25.
Vinyl Acetate	16-AUG-04 23:09		ND	µg/m³		1	
Vinyl Acetate	16-AUG-04 23:09		ND	ppb v/v		1	
1,1-Dichloroethene	16-AUG-04 23:09		ND	ng/Sample		1	25.
1,1-Dichloroethene	16-AUG-04 23:09		ND	µg/m³		1	
1,1-Dichloroethene	16-AUG-04 23:09		ND	ppb v/v		1	
2-Butanone	16-AUG-04 23:09		37.	ng/Sample		1	25.
2-Butanone	16-AUG-04 23:09		0.68	µg/m³		1	0.46
2-Butanone	16-AUG-04 23:09		0.23	ppb v/v		1	0.16
Chloroform	16-AUG-04 23:09		ND	ng/Sample		1	25.
Chloroform	16-AUG-04 23:09		ND	µg/m³		1	
Chloroform	16-AUG-04 23:09		ND	ppb v/v		1	
1,1,1-Trichloroethane	16-AUG-04 23:09		ND	ng/Sample		1	25.
1,1,1-Trichloroethane	16-AUG-04 23:09		ND	µg/m³		1	
1,1,1-Trichloroethane	16-AUG-04 23:09		ND	ppb v/v		1	
Carbon Tetrachloride	16-AUG-04 23:09		80.	ng/Sample		1	25.
Carbon Tetrachloride	16-AUG-04 23:09		1.5	µg/m³		1	0.46
Carbon Tetrachloride	16-AUG-04 23:09		0.23	ppb v/v		1	0.073
Benzene	16-AUG-04 23:09		220	ng/Sample		1	25.
Benzene	16-AUG-04 23:09		4.0	µg/m³		1	0.46
Benzene	16-AUG-04 23:09		1.3	ppb v/v		1	0.14
1,2-Dichloroethane	16-AUG-04 23:09		ND	ng/Sample		1	25.
1,2-Dichloroethane	16-AUG-04 23:09		ND	µg/m³		1	
1,2-Dichloroethane	16-AUG-04 23:09		ND	ppb v/v		1	
Trichloroethene	16-AUG-04 23:09		ND	ng/Sample		1	25.
Trichloroethene	16-AUG-04 23:09		ND	µg/m³		1	
Trichloroethene	16-AUG-04 23:09		ND	ppb v/v		1	
1,2-Dichloropropane	16-AUG-04 23:09		ND	ng/Sample		1	25.
1,2-Dichloropropane	16-AUG-04 23:09		ND	µg/m³		1	
1,2-Dichloropropane	16-AUG-04 23:09		ND	ppb v/v		1	
Bromodichloromethane	16-AUG-04 23:09		ND	ng/Sample		1	25.
Bromodichloromethane	16-AUG-04 23:09		ND	µg/m³		1	
Bromodichloromethane	16-AUG-04 23:09		ND	ppb v/v		1	
cis-1,3-Dichloropropene	16-AUG-04 23:09		ND	ng/Sample		1	25.
cis-1,3-Dichloropropene	16-AUG-04 23:09		ND	µg/m³		1	
cis-1,3-Dichloropropene	16-AUG-04 23:09		ND	ppb v/v		1	
4-Methyl-2-Pentanone	16-AUG-04 23:09		72.	ng/Sample		1	25.
4-Methyl-2-Pentanone	16-AUG-04 23:09		1.3	µg/m³		1	0.46
4-Methyl-2-Pentanone	16-AUG-04 23:09		0.32	ppb v/v		1	0.11
Toluene	16-AUG-04 23:09		670	ng/Sample		1	25.
Toluene	16-AUG-04 23:09		12.	µg/m³		1	0.46
Toluene	16-AUG-04 23:09		3.3	ppb v/v		1	0.12
trans-1,3-Dichloropropene	16-AUG-04 23:09		ND	ng/Sample		1	25.
trans-1,3-Dichloropropene	16-AUG-04 23:09		ND	µg/m³		1	
trans-1,3-Dichloropropene	16-AUG-04 23:09		ND	ppb v/v		1	
1,1,2-Trichloroethane	16-AUG-04 23:09		ND	ng/Sample		1	25.
1,1,2-Trichloroethane	16-AUG-04 23:09		ND	µg/m³		1	
1,1,2-Trichloroethane	16-AUG-04 23:09		ND	ppb v/v		1	
Tetrachloroethene	16-AUG-04 23:09		45.	ng/Sample		1	25.
Tetrachloroethene	16-AUG-04 23:09		0.82	µg/m³		1	0.46
Tetrachloroethene	16-AUG-04 23:09		0.12	ppb v/v		1	0.068
2-Hexanone	16-AUG-04 23:09		ND	ng/Sample		1	25.
2-Hexanone	16-AUG-04 23:09		ND	µg/m³		1	
2-Hexanone	16-AUG-04 23:09		ND	ppb v/v		1	
Dibromochloromethane	16-AUG-04 23:09		ND	ng/Sample		1	25.
Dibromochloromethane	16-AUG-04 23:09		ND	µg/m³		1	
Dibromochloromethane	16-AUG-04 23:09		ND	ppb v/v		1	

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DATA CHEM LABORATORIES
A Sorenson Company

FORM A (TYPE I)
SINGLE METHOD ANALYSES

SAMPLE ANALYSIS DATA SHEET

S047D0Q7

Date Printed.....: 19-AUG-04 15:36
Client Name.....: Prezant Associates

DCL Sample Name...: 04I23631
DCL Report Group..: 04I-2520-01

Analytical Results

Analyte	Date Analyzed	MDL	Result	Units	Qual.	Dilution	PQL
1,2-Dibromoethane	16-AUG-04 23:09		ND	ng/Sample		1	25.
1,2-Dibromoethane	16-AUG-04 23:09		ND	µg/m³		1	
1,2-Dibromoethane	16-AUG-04 23:09		ND	ppb v/v		1	
Chlorobenzene	16-AUG-04 23:09		ND	ng/Sample		1	25.
Chlorobenzene	16-AUG-04 23:09		ND	µg/m³		1	
Chlorobenzene	16-AUG-04 23:09		ND	ppb v/v		1	
Ethylbenzene	16-AUG-04 23:09		110	ng/Sample		1	25.
Ethylbenzene	16-AUG-04 23:09		2.0	µg/m³		1	0.46
Ethylbenzene	16-AUG-04 23:09		0.46	ppb v/v		1	0.11
m,p-Xylene	16-AUG-04 23:09		340	ng/Sample		1	25.
m,p-Xylene	16-AUG-04 23:09		6.2	µg/m³		1	0.46
m,p-Xylene	16-AUG-04 23:09		1.4	ppb v/v		1	0.11
o-Xylene	16-AUG-04 23:09		120	ng/Sample		1	25.
o-Xylene	16-AUG-04 23:09		2.2	µg/m³		1	0.46
o-Xylene	16-AUG-04 23:09		0.51	ppb v/v		1	0.11
Styrene	16-AUG-04 23:09		ND	ng/Sample		1	25.
Styrene	16-AUG-04 23:09		ND	µg/m³		1	
Styrene	16-AUG-04 23:09		ND	ppb v/v		1	
Bromoform	16-AUG-04 23:09		ND	ng/Sample		1	25.
Bromoform	16-AUG-04 23:09		ND	µg/m³		1	
Bromoform	16-AUG-04 23:09		ND	ppb v/v		1	
1,1,2,2-Tetrachloroethane	16-AUG-04 23:09		ND	ng/Sample		1	25.
1,1,2,2-Tetrachloroethane	16-AUG-04 23:09		ND	µg/m³		1	
1,1,2,2-Tetrachloroethane	16-AUG-04 23:09		ND	ppb v/v		1	
Benzyl Chloride	16-AUG-04 23:09		ND	ng/Sample		1	25.
Benzyl Chloride	16-AUG-04 23:09		ND	µg/m³		1	
Benzyl Chloride	16-AUG-04 23:09		ND	ppb v/v		1	
4-Ethyl toluene	16-AUG-04 23:09		37.	ng/Sample		1	25.
4-Ethyl toluene	16-AUG-04 23:09		0.68	µg/m³		1	0.46
4-Ethyl toluene	16-AUG-04 23:09		0.14	ppb v/v		1	0.093
1,3,5-Trimethylbenzene	16-AUG-04 23:09		46.	ng/Sample		1	25.
1,3,5-Trimethylbenzene	16-AUG-04 23:09		0.17	ppb v/v		1	0.093
1,3,5-Trimethylbenzene	16-AUG-04 23:09		0.17	ppb v/v		1	
1,2,4-Trimethylbenzene	16-AUG-04 23:09		150	ng/Sample		1	25.
1,2,4-Trimethylbenzene	16-AUG-04 23:09		2.7	µg/m³		1	0.46
1,2,4-Trimethylbenzene	16-AUG-04 23:09		0.56	ppb v/v		1	0.093
1,3-Dichlorobenzene	16-AUG-04 23:09		ND	ng/Sample		1	25.
1,3-Dichlorobenzene	16-AUG-04 23:09		ND	µg/m³		1	
1,3-Dichlorobenzene	16-AUG-04 23:09		ND	ppb v/v		1	
1,4-Dichlorobenzene	16-AUG-04 23:09		ND	ng/Sample		1	25.
1,4-Dichlorobenzene	16-AUG-04 23:09		ND	µg/m³		1	
1,4-Dichlorobenzene	16-AUG-04 23:09		ND	ppb v/v		1	
1,2-Dichlorobenzene	16-AUG-04 23:09		ND	ng/Sample		1	25.
1,2-Dichlorobenzene	16-AUG-04 23:09		ND	µg/m³		1	
1,2-Dichlorobenzene	16-AUG-04 23:09		ND	ppb v/v		1	
1,2,4-Trichlorobenzene	16-AUG-04 23:09		ND	ng/Sample		1	25.
1,2,4-Trichlorobenzene	16-AUG-04 23:09		ND	µg/m³		1	
1,2,4-Trichlorobenzene	16-AUG-04 23:09		ND	ppb v/v		1	
Hexachlorobutadiene	16-AUG-04 23:09		ND	ng/Sample		1	25.
Hexachlorobutadiene	16-AUG-04 23:09		ND	µg/m³		1	
Hexachlorobutadiene	16-AUG-04 23:09		ND	ppb v/v		1	
Methyl t-Butyl Ether	16-AUG-04 23:09		ND	ng/Sample		1	25.
Methyl t-Butyl Ether	16-AUG-04 23:09		ND	µg/m³		1	
Methyl t-Butyl Ether	16-AUG-04 23:09		ND	ppb v/v		1	
Air Volume	16-AUG-04 23:09		54.6	Liter		1	

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FORM A (TYPE I)
SINGLE METHOD ANALYSES

SAMPLE ANALYSIS DATA SHEET

S047D0Q7

Date Printed.....: 19-AUG-04 16:59
Client Name.....: Prezant Associates

DCL Sample Name...: 04I23631
DCL Report Group..: 04I-2520-01

Tentatively Identified Compound Results

Analyte(Retention Time)	Date Analyzed	Result	Units	Qual.	Dilution
Butane(4.73)	16-AUG-04 23:09	93.	ng/Sample	J	1
Pentane(6.24)	16-AUG-04 23:09	130	ng/Sample	J	1
Pentane, 2-methyl-(7.72)	16-AUG-04 23:09	110	ng/Sample	J	1
CYCLOPENTANE, METHYL-(9.16)	16-AUG-04 23:09	99.	ng/Sample	J	1
Acetic Acid(10.34)	16-AUG-04 23:09	230	ng/Sample	J	1
C8 Hydrocarbon(12.25)	16-AUG-04 23:09	130	ng/Sample	J	1
Heptane, 4-methyl-(12.59)	16-AUG-04 23:09	190	ng/Sample	J	1
Hexane, 2,2,5-trimethyl-(13.02)	16-AUG-04 23:09	100	ng/Sample	J	1
C9 Cyclic Hydrocarbon(14.32)	16-AUG-04 23:09	110	ng/Sample	J	1
C4 subst. Benzene(16.84)	16-AUG-04 23:09	100	ng/Sample	J	1
Decane(17.67)	16-AUG-04 23:09	140	ng/Sample	J	1
C12 Hydrocarbon(19.30)	16-AUG-04 23:09	87.	ng/Sample	J	1
Undecane(19.50)	16-AUG-04 23:09	85.	ng/Sample	J	1
Lilial(25.00)	16-AUG-04 23:09	150	ng/Sample	J	1

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FORM A (TYPE I)
SINGLE METHOD ANALYSES

SAMPLE ANALYSIS DATA SHEET

S047D008

Date Printed.....: 19-AUG-04 15:36

Client Name.....: Prezant Associates
Client Ref Number....: C315-0006-00
Sampling Site.....: Firestation 31
Release Number.....: C315-0006-00

Date Received.....: 13-AUG-04 00:00

DCL Preparation Group: Not Applicable
Date Prepared.....: Not Applicable
Preparation Method...: Not Applicable
Aliquot Weight/Volume: Not Applicable
Net Weight/Volume....: Not Required

Client Sample Name: 16-VOC-1106
DCL Sample Name...: 04I23632
DCL Report Group...: 04I-2520-01

Matrix.....: CARBO
Date Sampled.....: 10-AUG-04 00:00
Reporting Units...: ng/Sample
Report Basis.....: ☒ As Received ☐ Dried

DCL Analysis Group: G047J00M
Analysis Method...: TO17
Instrument Type...: GC/MS VO
Instrument ID.....: 5972-X
Column Type.....: DB-1
☒ Primary
☐ Confirmation

Analytical Results

Analyte	Date Analyzed	MDL	Result	Units	Qual.	Dilution	PQL
Dichlorodifluoromethane	16-AUG-04 23:46		ND	ng/Sample		1	25.
Dichlorodifluoromethane	16-AUG-04 23:46		ND	µg/m³		1	
Dichlorodifluoromethane	16-AUG-04 23:46		ND	ppb v/v		1	
Chloromethane	16-AUG-04 23:46		ND	ng/Sample		1	25.
Chloromethane	16-AUG-04 23:46		ND	µg/m³		1	
Chloromethane	16-AUG-04 23:46		ND	ppb v/v		1	
Freon 114	16-AUG-04 23:46		ND	ng/Sample		1	25.
Freon 114	16-AUG-04 23:46		ND	µg/m³		1	
Freon 114	16-AUG-04 23:46		ND	ppb v/v		1	
Vinyl Chloride	16-AUG-04 23:46		ND	ng/Sample		1	25.
Vinyl Chloride	16-AUG-04 23:46		ND	µg/m³		1	
Vinyl Chloride	16-AUG-04 23:46		ND	ppb v/v		1	
Bromomethane	16-AUG-04 23:46		ND	ng/Sample		1	25.
Bromomethane	16-AUG-04 23:46		ND	µg/m³		1	
Bromomethane	16-AUG-04 23:46		ND	ppb v/v		1	
Chloroethane	16-AUG-04 23:46		ND	ng/Sample		1	25.
Chloroethane	16-AUG-04 23:46		ND	µg/m³		1	
Chloroethane	16-AUG-04 23:46		ND	ppb v/v		1	
Freon 11	16-AUG-04 23:46		79.	ng/Sample		1	25.
Freon 11	16-AUG-04 23:46		2.0	µg/m³		1	0.64
Freon 11	16-AUG-04 23:46		0.36	ppb v/v		1	0.11
cis-1,2-Dichloroethene	16-AUG-04 23:46		ND	ng/Sample		1	25.
cis-1,2-Dichloroethene	16-AUG-04 23:46		ND	µg/m³		1	
cis-1,2-Dichloroethene	16-AUG-04 23:46		ND	ppb v/v		1	
Carbon Disulfide	16-AUG-04 23:46		ND	ng/Sample		1	25.
Carbon Disulfide	16-AUG-04 23:46		ND	µg/m³		1	
Carbon Disulfide	16-AUG-04 23:46		ND	ppb v/v		1	
Freon 113	16-AUG-04 23:46		40.	ng/Sample		1	25.
Freon 113	16-AUG-04 23:46		1.0	µg/m³		1	0.64
Freon 113	16-AUG-04 23:46		0.13	ppb v/v		1	0.083
Acetone	16-AUG-04 23:46		ND	ng/Sample		1	25.
Acetone	16-AUG-04 23:46		ND	µg/m³		1	
Acetone	16-AUG-04 23:46		ND	ppb v/v		1	
Methylene Chloride	16-AUG-04 23:46		ND	ng/Sample		1	25.
Methylene Chloride	16-AUG-04 23:46		ND	µg/m³		1	
Methylene Chloride	16-AUG-04 23:46		ND	ppb v/v		1	
trans-1,2-Dichloroethene	16-AUG-04 23:46		ND	ng/Sample		1	25.
trans-1,2-Dichloroethene	16-AUG-04 23:46		ND	µg/m³		1	
trans-1,2-Dichloroethene	16-AUG-04 23:46		ND	ppb v/v		1	
1,1-Dichloroethane	16-AUG-04 23:46		ND	ng/Sample		1	25.
1,1-Dichloroethane	16-AUG-04 23:46		ND	µg/m³		1	

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FORM A (TYPE I)
SINGLE METHOD ANALYSES

SAMPLE ANALYSIS DATA SHEET

S047D0Q8

Date Printed.....: 19-AUG-04 15:36
Client Name.....: Prezant Associates

DCL Sample Name...: 04I23632
DCL Report Group..: 04I-2520-01

Analytical Results

Analyte	Date Analyzed	MDL	Result	Units	Qual.	Dilution	PQL
1,1-Dichloroethane	16-AUG-04 23:46		ND	ppb v/v		1	
Vinyl Acetate	16-AUG-04 23:46		ND	ng/Sample		1	25.
Vinyl Acetate	16-AUG-04 23:46		ND	µg/m³		1	
Vinyl Acetate	16-AUG-04 23:46		ND	ppb v/v		1	
1,1-Dichloroethene	16-AUG-04 23:46		ND	ng/Sample		1	25.
1,1-Dichloroethene	16-AUG-04 23:46		ND	µg/m³		1	
1,1-Dichloroethene	16-AUG-04 23:46		ND	ppb v/v		1	
2-Butanone	16-AUG-04 23:46		ND	ng/Sample		1	25.
2-Butanone	16-AUG-04 23:46		ND	µg/m³		1	
2-Butanone	16-AUG-04 23:46		ND	ppb v/v		1	
Chloroform	16-AUG-04 23:46		ND	ng/Sample		1	25.
Chloroform	16-AUG-04 23:46		ND	µg/m³		1	
Chloroform	16-AUG-04 23:46		ND	ppb v/v		1	
1,1,1-Trichloroethane	16-AUG-04 23:46		ND	ng/Sample		1	25.
1,1,1-Trichloroethane	16-AUG-04 23:46		ND	µg/m³		1	
1,1,1-Trichloroethane	16-AUG-04 23:46		ND	ppb v/v		1	
Carbon Tetrachloride	16-AUG-04 23:46		44.	ng/Sample		1	25.
Carbon Tetrachloride	16-AUG-04 23:46		1.1	µg/m³		1	0.64
Carbon Tetrachloride	16-AUG-04 23:46		0.18	ppb v/v		1	0.10
Benzene	16-AUG-04 23:46		98.	ng/Sample		1	25.
Benzene	16-AUG-04 23:46		2.5	µg/m³		1	0.64
Benzene	16-AUG-04 23:46		0.78	ppb v/v		1	0.20
1,2-Dichloroethane	16-AUG-04 23:46		ND	ng/Sample		1	25.
1,2-Dichloroethane	16-AUG-04 23:46		ND	µg/m³		1	
1,2-Dichloroethane	16-AUG-04 23:46		ND	ppb v/v		1	
Trichloroethene	16-AUG-04 23:46		27.	ng/Sample		1	25.
Trichloroethene	16-AUG-04 23:46		0.69	µg/m³		1	0.64
Trichloroethene	16-AUG-04 23:46		0.13	ppb v/v		1	0.12
1,2-Dichloropropane	16-AUG-04 23:46		ND	ng/Sample		1	25.
1,2-Dichloropropane	16-AUG-04 23:46		ND	µg/m³		1	
1,2-Dichloropropane	16-AUG-04 23:46		ND	ppb v/v		1	
Bromodichloromethane	16-AUG-04 23:46		ND	ng/Sample		1	25.
Bromodichloromethane	16-AUG-04 23:46		ND	µg/m³		1	
Bromodichloromethane	16-AUG-04 23:46		ND	ppb v/v		1	
cis-1,3-Dichloropropene	16-AUG-04 23:46		ND	ng/Sample		1	25.
cis-1,3-Dichloropropene	16-AUG-04 23:46		ND	µg/m³		1	
cis-1,3-Dichloropropene	16-AUG-04 23:46		ND	ppb v/v		1	
4-Methyl-2-Pentanone	16-AUG-04 23:46		70.	ng/Sample		1	25.
4-Methyl-2-Pentanone	16-AUG-04 23:46		1.8	µg/m³		1	0.64
4-Methyl-2-Pentanone	16-AUG-04 23:46		0.44	ppb v/v		1	0.16
Toluene	16-AUG-04 23:46		370	ng/Sample		1	25.
Toluene	16-AUG-04 23:46		9.5	µg/m³		1	0.64
Toluene	16-AUG-04 23:46		2.5	ppb v/v		1	0.17
trans-1,3-Dichloropropene	16-AUG-04 23:46		ND	ng/Sample		1	25.
trans-1,3-Dichloropropene	16-AUG-04 23:46		ND	µg/m³		1	
trans-1,3-Dichloropropene	16-AUG-04 23:46		ND	ppb v/v		1	
1,1,2-Trichloroethane	16-AUG-04 23:46		ND	ng/Sample		1	25.
1,1,2-Trichloroethane	16-AUG-04 23:46		ND	µg/m³		1	
1,1,2-Trichloroethane	16-AUG-04 23:46		ND	ppb v/v		1	
Tetrachloroethene	16-AUG-04 23:46		ND	ng/Sample		1	25.
Tetrachloroethene	16-AUG-04 23:46		ND	µg/m³		1	
Tetrachloroethene	16-AUG-04 23:46		ND	ppb v/v		1	
2-Hexanone	16-AUG-04 23:46		ND	ng/Sample		1	25.
2-Hexanone	16-AUG-04 23:46		ND	µg/m³		1	
2-Hexanone	16-AUG-04 23:46		ND	ppb v/v		1	
Dibromochloromethane	16-AUG-04 23:46		ND	ng/Sample		1	25.
Dibromochloromethane	16-AUG-04 23:46		ND	µg/m³		1	
Dibromochloromethane	16-AUG-04 23:46		ND	ppb v/v		1	

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DATA CHEM LABORATORIES
A Sorenson Company

FORM A (TYPE I)
SINGLE METHOD ANALYSES

SAMPLE ANALYSIS DATA SHEET

S047D008

Date Printed.....: 19-AUG-04 15:36
Client Name.....: Prezant Associates

DCL Sample Name...: 04I23632
DCL Report Group..: 04I-2520-01

Analytical Results

Analyte	Date Analyzed	MDL	Result	Units	Qual.	Dilution	PQL
1,2-Dibromoethane	16-AUG-04 23:46		ND	ng/Sample		1	25.
1,2-Dibromoethane	16-AUG-04 23:46		ND	µg/m³		1	
1,2-Dibromoethane	16-AUG-04 23:46		ND	ppb v/v		1	
Chlorobenzene	16-AUG-04 23:46		ND	ng/Sample		1	25.
Chlorobenzene	16-AUG-04 23:46		ND	µg/m³		1	
Chlorobenzene	16-AUG-04 23:46		ND	ppb v/v		1	
Ethylbenzene	16-AUG-04 23:46		68.	ng/Sample		1	25.
Ethylbenzene	16-AUG-04 23:46		1.7	µg/m³		1	0.64
Ethylbenzene	16-AUG-04 23:46		0.40	ppb v/v		1	0.15
m,p-Xylene	16-AUG-04 23:46		260	ng/Sample		1	25.
m,p-Xylene	16-AUG-04 23:46		6.6	µg/m³		1	0.64
m,p-Xylene	16-AUG-04 23:46		1.5	ppb v/v		1	0.15
o-Xylene	16-AUG-04 23:46		100	ng/Sample		1	25.
o-Xylene	16-AUG-04 23:46		2.6	µg/m³		1	0.64
o-Xylene	16-AUG-04 23:46		0.59	ppb v/v		1	0.15
Styrene	16-AUG-04 23:46		ND	ng/Sample		1	25.
Styrene	16-AUG-04 23:46		ND	µg/m³		1	
Styrene	16-AUG-04 23:46		ND	ppb v/v		1	
Bromoform	16-AUG-04 23:46		ND	ng/Sample		1	25.
Bromoform	16-AUG-04 23:46		ND	µg/m³		1	
Bromoform	16-AUG-04 23:46		ND	ppb v/v		1	
1,1,2,2-Tetrachloroethane	16-AUG-04 23:46		ND	ng/Sample		1	25.
1,1,2,2-Tetrachloroethane	16-AUG-04 23:46		ND	µg/m³		1	
1,1,2,2-Tetrachloroethane	16-AUG-04 23:46		ND	ppb v/v		1	
Benzyl Chloride	16-AUG-04 23:46		ND	ng/Sample		1	25.
Benzyl Chloride	16-AUG-04 23:46		ND	µg/m³		1	
Benzyl Chloride	16-AUG-04 23:46		ND	ppb v/v		1	
4-Ethyl toluene	16-AUG-04 23:46		30.	ng/Sample		1	25.
4-Ethyl toluene	16-AUG-04 23:46		0.77	µg/m³		1	0.64
4-Ethyl toluene	16-AUG-04 23:46		0.16	ppb v/v		1	0.13
1,3,5-Trimethylbenzene	16-AUG-04 23:46		56.	ng/Sample		1	25.
1,3,5-Trimethylbenzene	16-AUG-04 23:46		0.29	ppb v/v		1	0.13
1,3,5-Trimethylbenzene	16-AUG-04 23:46		0.29	ppb v/v		1	
1,2,4-Trimethylbenzene	16-AUG-04 23:46		160	ng/Sample		1	25.
1,2,4-Trimethylbenzene	16-AUG-04 23:46		4.1	µg/m³		1	0.64
1,2,4-Trimethylbenzene	16-AUG-04 23:46		0.83	ppb v/v		1	0.13
1,3-Dichlorobenzene	16-AUG-04 23:46		ND	ng/Sample		1	25.
1,3-Dichlorobenzene	16-AUG-04 23:46		ND	µg/m³		1	
1,3-Dichlorobenzene	16-AUG-04 23:46		ND	ppb v/v		1	
1,4-Dichlorobenzene	16-AUG-04 23:46		ND	ng/Sample		1	25.
1,4-Dichlorobenzene	16-AUG-04 23:46		ND	µg/m³		1	
1,4-Dichlorobenzene	16-AUG-04 23:46		ND	ppb v/v		1	
1,2-Dichlorobenzene	16-AUG-04 23:46		ND	ng/Sample		1	25.
1,2-Dichlorobenzene	16-AUG-04 23:46		ND	µg/m³		1	
1,2-Dichlorobenzene	16-AUG-04 23:46		ND	ppb v/v		1	
1,2,4-Trichlorobenzene	16-AUG-04 23:46		ND	ng/Sample		1	25.
1,2,4-Trichlorobenzene	16-AUG-04 23:46		ND	µg/m³		1	
1,2,4-Trichlorobenzene	16-AUG-04 23:46		ND	ppb v/v		1	
Hexachlorobutadiene	16-AUG-04 23:46		ND	ng/Sample		1	25.
Hexachlorobutadiene	16-AUG-04 23:46		ND	µg/m³		1	
Hexachlorobutadiene	16-AUG-04 23:46		ND	ppb v/v		1	
Methyl t-Butyl Ether	16-AUG-04 23:46		ND	ng/Sample		1	25.
Methyl t-Butyl Ether	16-AUG-04 23:46		ND	µg/m³		1	
Methyl t-Butyl Ether	16-AUG-04 23:46		ND	ppb v/v		1	
Air Volume	16-AUG-04 23:46		39.1	Liter		1	

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FORM A (TYPE I)
SINGLE METHOD ANALYSES

SAMPLE ANALYSIS DATA SHEET

S047D008

Date Printed.....: 19-AUG-04 16:59
Client Name.....: Prezant Associates

DCL Sample Name...: 04I23632
DCL Report Group..: 04I-2520-01

Tentatively Identified Compound Results

Analyte(Retention Time)	Date Analyzed	Result	Units	Qual.	Dilution
Butane, 2-methyl-(6.24)	16-AUG-04 23:46	110	ng/Sample	J	1
Pentane(6.66)	16-AUG-04 23:46	110	ng/Sample	J	1
Pentane, 2-methyl-(8.02)	16-AUG-04 23:46	96.	ng/Sample	J	1
CYCLOPENTANE, METHYL-(9.39)	16-AUG-04 23:46	150	ng/Sample	J	1
Nonane(15.61)	16-AUG-04 23:46	86.	ng/Sample	J	1
Decane(17.68)	16-AUG-04 23:46	270	ng/Sample	J	1
C4 subst. Benzene(18.18)	16-AUG-04 23:46	200	ng/Sample	J	1
Limonene(18.39)	16-AUG-04 23:46	2200	ng/Sample	J	1
Benzene, methyl(1-methyletheny(19.30)	16-AUG-04 23:46	100	ng/Sample	J	1
Undecane(19.51)	16-AUG-04 23:46	280	ng/Sample	J	1
4-Acetyl-1-methylcyclohexene(19.92)	16-AUG-04 23:46	110	ng/Sample	J	1
Dodecane + Naphthalene(21.08)	16-AUG-04 23:46	210	ng/Sample	J	1
Lilial(25.01)	16-AUG-04 23:46	110	ng/Sample	J	1

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FORM A (TYPE I)
SINGLE METHOD ANALYSES

Form RLIMS61A-V1.4
08190415364782
Page 27

S047D0Q9

SAMPLE ANALYSIS DATA SHEET

Date Printed.....: 19-AUG-04 15:36

Client Name.....: Prezant Associates
Client Ref Number....: C315-0006-00
Sampling Site.....: Firestation 31
Release Number.....: C315-0006-00

Date Received.....: 13-AUG-04 00:00

DCL Preparation Group: Not Applicable
Date Prepared.....: Not Applicable
Preparation Method...: Not Applicable
Aliquot Weight/Volume: Not Applicable
Net Weight/Volume....: Not Required

Client Sample Name: 11-VOC-1107
DCL Sample Name...: 04I23633
DCL Report Group..: 04I-2520-01

Matrix.....: CARBO
Date Sampled.....: 10-AUG-04 00:00
Reporting Units...: ng/Sample
Report Basis.....: ☒ As Received ☐ Dried

DCL Analysis Group: G047J00M
Analysis Method...: TO17
Instrument Type...: GC/MS VO
Instrument ID.....: 5972-X
Column Type.....: DB-1
☒ Primary
☐ Confirmation

Analytical Results

Analyte	Date Analyzed	MDL	Result	Units	Qual.	Dilution	PQL
Dichlorodifluoromethane	17-AUG-04 00:23		ND	ng/Sample		1	25.
Dichlorodifluoromethane	17-AUG-04 00:23		ND	µg/m³		1	
Dichlorodifluoromethane	17-AUG-04 00:23		ND	ppb v/v		1	
Chloromethane	17-AUG-04 00:23		ND	ng/Sample		1	25.
Chloromethane	17-AUG-04 00:23		ND	µg/m³		1	
Chloromethane	17-AUG-04 00:23		ND	ppb v/v		1	
Freon 114	17-AUG-04 00:23		ND	ng/Sample		1	25.
Freon 114	17-AUG-04 00:23		ND	µg/m³		1	
Freon 114	17-AUG-04 00:23		ND	ppb v/v		1	
Vinyl Chloride	17-AUG-04 00:23		ND	ng/Sample		1	25.
Vinyl Chloride	17-AUG-04 00:23		ND	µg/m³		1	
Vinyl Chloride	17-AUG-04 00:23		ND	ppb v/v		1	
Bromomethane	17-AUG-04 00:23		ND	ng/Sample		1	25.
Bromomethane	17-AUG-04 00:23		ND	µg/m³		1	
Bromomethane	17-AUG-04 00:23		ND	ppb v/v		1	
Chloroethane	17-AUG-04 00:23		ND	ng/Sample		1	25.
Chloroethane	17-AUG-04 00:23		ND	µg/m³		1	
Chloroethane	17-AUG-04 00:23		ND	ppb v/v		1	
Freon 11	17-AUG-04 00:23		79.	ng/Sample		1	25.
Freon 11	17-AUG-04 00:23		1.3	µg/m³		1	0.43
Freon 11	17-AUG-04 00:23		0.24	ppb v/v		1	0.076
cis-1,2-Dichloroethene	17-AUG-04 00:23		ND	ng/Sample		1	25.
cis-1,2-Dichloroethene	17-AUG-04 00:23		ND	µg/m³		1	
cis-1,2-Dichloroethene	17-AUG-04 00:23		ND	ppb v/v		1	
Carbon Disulfide	17-AUG-04 00:23		ND	ng/Sample		1	25.
Carbon Disulfide	17-AUG-04 00:23		ND	µg/m³		1	
Carbon Disulfide	17-AUG-04 00:23		ND	ppb v/v		1	
Freon 113	17-AUG-04 00:23		50.	ng/Sample		1	25.
Freon 113	17-AUG-04 00:23		0.85	µg/m³		1	0.43
Freon 113	17-AUG-04 00:23		0.11	ppb v/v		1	0.055
Acetone	17-AUG-04 00:23		380	ng/Sample		1	25.
Acetone	17-AUG-04 00:23		6.5	µg/m³		1	0.43
Acetone	17-AUG-04 00:23		2.7	ppb v/v		1	0.18
Methylene Chloride	17-AUG-04 00:23		ND	ng/Sample		1	25.
Methylene Chloride	17-AUG-04 00:23		ND	µg/m³		1	
Methylene Chloride	17-AUG-04 00:23		ND	ppb v/v		1	
trans-1,2-Dichloroethene	17-AUG-04 00:23		ND	ng/Sample		1	25.
trans-1,2-Dichloroethene	17-AUG-04 00:23		ND	µg/m³		1	
trans-1,2-Dichloroethene	17-AUG-04 00:23		ND	ppb v/v		1	
1,1-Dichloroethane	17-AUG-04 00:23		ND	ng/Sample		1	25.
1,1-Dichloroethane	17-AUG-04 00:23		ND	µg/m³		1	

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FORM A (TYPE I)
SINGLE METHOD ANALYSES

SAMPLE ANALYSIS DATA SHEET

S047D009

Date Printed.....: 19-AUG-04 15:36
Client Name.....: Prezant Associates

DCL Sample Name...: 04I23633
DCL Report Group..: 04I-2520-01

Analytical Results

Analyte	Date Analyzed	MDL	Result	Units	Qual.	Dilution	PQL
1,1-Dichloroethane	17-AUG-04 00:23		ND	ppb v/v		1	
Vinyl Acetate	17-AUG-04 00:23		ND	ng/Sample		1	25.
Vinyl Acetate	17-AUG-04 00:23		ND	µg/m³		1	
Vinyl Acetate	17-AUG-04 00:23		ND	ppb v/v		1	
1,1-Dichloroethene	17-AUG-04 00:23		ND	ng/Sample		1	25.
1,1-Dichloroethene	17-AUG-04 00:23		ND	µg/m³		1	
1,1-Dichloroethene	17-AUG-04 00:23		ND	ppb v/v		1	
2-Butanone	17-AUG-04 00:23		ND	ng/Sample		1	25.
2-Butanone	17-AUG-04 00:23		ND	µg/m³		1	
2-Butanone	17-AUG-04 00:23		ND	ppb v/v		1	
Chloroform	17-AUG-04 00:23		ND	ng/Sample		1	25.
Chloroform	17-AUG-04 00:23		ND	µg/m³		1	
Chloroform	17-AUG-04 00:23		ND	ppb v/v		1	
1,1,1-Trichloroethane	17-AUG-04 00:23		ND	ng/Sample		1	25.
1,1,1-Trichloroethane	17-AUG-04 00:23		ND	µg/m³		1	
1,1,1-Trichloroethane	17-AUG-04 00:23		ND	ppb v/v		1	
Carbon Tetrachloride	17-AUG-04 00:23		51.	ng/Sample		1	25.
Carbon Tetrachloride	17-AUG-04 00:23		0.87	µg/m³		1	0.43
Carbon Tetrachloride	17-AUG-04 00:23		0.14	ppb v/v		1	0.068
Benzene	17-AUG-04 00:23		130	ng/Sample		1	25.
Benzene	17-AUG-04 00:23		2.2	µg/m³		1	0.43
Benzene	17-AUG-04 00:23		0.69	ppb v/v		1	0.13
1,2-Dichloroethane	17-AUG-04 00:23		ND	ng/Sample		1	25.
1,2-Dichloroethane	17-AUG-04 00:23		ND	µg/m³		1	
1,2-Dichloroethane	17-AUG-04 00:23		ND	ppb v/v		1	
Trichloroethene	17-AUG-04 00:23		ND	ng/Sample		1	25.
Trichloroethene	17-AUG-04 00:23		ND	µg/m³		1	
Trichloroethene	17-AUG-04 00:23		ND	ppb v/v		1	
1,2-Dichloropropane	17-AUG-04 00:23		ND	ng/Sample		1	25.
1,2-Dichloropropane	17-AUG-04 00:23		ND	µg/m³		1	
1,2-Dichloropropane	17-AUG-04 00:23		ND	ppb v/v		1	
Bromodichloromethane	17-AUG-04 00:23		ND	ng/Sample		1	25.
Bromodichloromethane	17-AUG-04 00:23		ND	µg/m³		1	
Bromodichloromethane	17-AUG-04 00:23		ND	ppb v/v		1	
cis-1,3-Dichloropropene	17-AUG-04 00:23		ND	ng/Sample		1	25.
cis-1,3-Dichloropropene	17-AUG-04 00:23		ND	µg/m³		1	
cis-1,3-Dichloropropene	17-AUG-04 00:23		ND	ppb v/v		1	
4-Methyl-2-Pentanone	17-AUG-04 00:23		54.	ng/Sample		1	25.
4-Methyl-2-Pentanone	17-AUG-04 00:23		0.92	µg/m³		1	0.43
4-Methyl-2-Pentanone	17-AUG-04 00:23		0.22	ppb v/v		1	0.10
Toluene	17-AUG-04 00:23		490	ng/Sample		1	25.
Toluene	17-AUG-04 00:23		8.3	µg/m³		1	0.43
Toluene	17-AUG-04 00:23		2.2	ppb v/v		1	0.11
trans-1,3-Dichloropropene	17-AUG-04 00:23		ND	ng/Sample		1	25.
trans-1,3-Dichloropropene	17-AUG-04 00:23		ND	µg/m³		1	
trans-1,3-Dichloropropene	17-AUG-04 00:23		ND	ppb v/v		1	
1,1,2-Trichloroethane	17-AUG-04 00:23		ND	ng/Sample		1	25.
1,1,2-Trichloroethane	17-AUG-04 00:23		ND	µg/m³		1	
1,1,2-Trichloroethane	17-AUG-04 00:23		ND	ppb v/v		1	
Tetrachloroethene	17-AUG-04 00:23		ND	ng/Sample		1	25.
Tetrachloroethene	17-AUG-04 00:23		ND	µg/m³		1	
Tetrachloroethene	17-AUG-04 00:23		ND	ppb v/v		1	
2-Hexanone	17-AUG-04 00:23		ND	ng/Sample		1	25.
2-Hexanone	17-AUG-04 00:23		ND	µg/m³		1	
2-Hexanone	17-AUG-04 00:23		ND	ppb v/v		1	
Dibromochloromethane	17-AUG-04 00:23		ND	ng/Sample		1	25.
Dibromochloromethane	17-AUG-04 00:23		ND	µg/m³		1	
Dibromochloromethane	17-AUG-04 00:23		ND	ppb v/v		1	

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FORM A (TYPE I)
SINGLE METHOD ANALYSES

SAMPLE ANALYSIS DATA SHEET

Form RLIMS63A-V1.4
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S047D009

Date Printed.....: 19-AUG-04 15:36
Client Name.....: Prezant Associates

DCL Sample Name...: 04I23633
DCL Report Group..: 04I-2520-01

Analytical Results

Analyte	Date Analyzed	MDL	Result	Units	Qual.	Dilution	PQL
1,2-Dibromoethane	17-AUG-04 00:23		ND	ng/Sample		1	25.
1,2-Dibromoethane	17-AUG-04 00:23		ND	µg/m³		1	
1,2-Dibromoethane	17-AUG-04 00:23		ND	ppb v/v		1	
Chlorobenzene	17-AUG-04 00:23		ND	ng/Sample		1	25.
Chlorobenzene	17-AUG-04 00:23		ND	µg/m³		1	
Chlorobenzene	17-AUG-04 00:23		ND	ppb v/v		1	
Ethylbenzene	17-AUG-04 00:23		98.	ng/Sample		1	25.
Ethylbenzene	17-AUG-04 00:23		1.7	µg/m³		1	0.43
Ethylbenzene	17-AUG-04 00:23		0.38	ppb v/v		1	0.098
m,p-Xylene	17-AUG-04 00:23		360	ng/Sample		1	25.
m,p-Xylene	17-AUG-04 00:23		6.1	µg/m³		1	0.43
m,p-Xylene	17-AUG-04 00:23		1.4	ppb v/v		1	0.098
o-Xylene	17-AUG-04 00:23		160	ng/Sample		1	25.
o-Xylene	17-AUG-04 00:23		2.7	µg/m³		1	0.43
o-Xylene	17-AUG-04 00:23		0.63	ppb v/v		1	0.098
Styrene	17-AUG-04 00:23		ND	ng/Sample		1	25.
Styrene	17-AUG-04 00:23		ND	µg/m³		1	
Styrene	17-AUG-04 00:23		ND	ppb v/v		1	
Bromoform	17-AUG-04 00:23		ND	ng/Sample		1	25.
Bromoform	17-AUG-04 00:23		ND	µg/m³		1	
Bromoform	17-AUG-04 00:23		ND	ppb v/v		1	
1,1,2,2-Tetrachloroethane	17-AUG-04 00:23		ND	ng/Sample		1	25.
1,1,2,2-Tetrachloroethane	17-AUG-04 00:23		ND	µg/m³		1	
1,1,2,2-Tetrachloroethane	17-AUG-04 00:23		ND	ppb v/v		1	
Benzyl Chloride	17-AUG-04 00:23		ND	ng/Sample		1	25.
Benzyl Chloride	17-AUG-04 00:23		ND	µg/m³		1	
Benzyl Chloride	17-AUG-04 00:23		ND	ppb v/v		1.	
4-Ethyl toluene	17-AUG-04 00:23		49.	ng/Sample		1	25.
4-Ethyl toluene	17-AUG-04 00:23		0.83	µg/m³		1	0.43
4-Ethyl toluene	17-AUG-04 00:23		0.17	ppb v/v		1	0.086
1,3,5-Trimethylbenzene	17-AUG-04 00:23		60.	ng/Sample		1	25.
1,3,5-Trimethylbenzene	17-AUG-04 00:23		0.21	ppb v/v		1	0.086
1,3,5-Trimethylbenzene	17-AUG-04 00:23		0.21	ppb v/v		1	
1,2,4-Trimethylbenzene	17-AUG-04 00:23		210	ng/Sample		1	25.
1,2,4-Trimethylbenzene	17-AUG-04 00:23		3.6	µg/m³		1	0.43
1,2,4-Trimethylbenzene	17-AUG-04 00:23		0.73	ppb v/v		1	0.086
1,3-Dichlorobenzene	17-AUG-04 00:23		ND	ng/Sample		1	25.
1,3-Dichlorobenzene	17-AUG-04 00:23		ND	µg/m³		1	
1,3-Dichlorobenzene	17-AUG-04 00:23		ND	ppb v/v		1	
1,4-Dichlorobenzene	17-AUG-04 00:23		ND	ng/Sample		1	25.
1,4-Dichlorobenzene	17-AUG-04 00:23		ND	µg/m³		1	
1,4-Dichlorobenzene	17-AUG-04 00:23		ND	ppb v/v		1	
1,2-Dichlorobenzene	17-AUG-04 00:23		ND	ng/Sample		1	25.
1,2-Dichlorobenzene	17-AUG-04 00:23		ND	µg/m³		1	
1,2-Dichlorobenzene	17-AUG-04 00:23		ND	ppb v/v		1	
1,2,4-Trichlorobenzene	17-AUG-04 00:23		ND	ng/Sample		1	25.
1,2,4-Trichlorobenzene	17-AUG-04 00:23		ND	µg/m³		1	
1,2,4-Trichlorobenzene	17-AUG-04 00:23		ND	ppb v/v		1	
Hexachlorobutadiene	17-AUG-04 00:23		ND	ng/Sample		1	25.
Hexachlorobutadiene	17-AUG-04 00:23		ND	µg/m³		1	
Hexachlorobutadiene	17-AUG-04 00:23		ND	ppb v/v		1	
Methyl t-Butyl Ether	17-AUG-04 00:23		ND	ng/Sample		1	25.
Methyl t-Butyl Ether	17-AUG-04 00:23		ND	µg/m³		1	
Methyl t-Butyl Ether	17-AUG-04 00:23		ND	ppb v/v		1	
Air Volume	17-AUG-04 00:23		58.8	Liter		1	

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FORM A (TYPE I)
SINGLE METHOD ANALYSES

SAMPLE ANALYSIS DATA SHEET

S047D009

Date Printed.....: 19-AUG-04 16:59
Client Name.....: Prezant Associates

DCL Sample Name...: 04I23633
DCL Report Group..: 04I-2520-01

Tentatively Identified Compound Results

Analyte(Retention Time)	Date Analyzed	Result	Units	Qual.	Dilution
Butane, 2-methyl-(5.96)	17-AUG-04 00:23	130	ng/Sample	J	1
Pentane(6.41)	17-AUG-04 00:23	120	ng/Sample	J	1
Pentane, 2-methyl-(7.84)	17-AUG-04 00:23	120	ng/Sample	J	1
CYCLOPENTANE, METHYL-(9.25)	17-AUG-04 00:23	130	ng/Sample	J	1
Nonane(15.59)	17-AUG-04 00:23	100	ng/Sample	J	1
C3 Subst. Benzene(16.84)	17-AUG-04 00:23	120	ng/Sample	J	1
Decane(17.67)	17-AUG-04 00:23	270	ng/Sample	J	1
C4 subst. Benzene(18.16)	17-AUG-04 00:23	160	ng/Sample	J	1
Limonene(18.37)	17-AUG-04 00:23	1000	ng/Sample	J	1
C4 subst. Benzene(19.29)	17-AUG-04 00:23	150	ng/Sample	J	1
Undecane(19.50)	17-AUG-04 00:23	240	ng/Sample	J	1
Decanal(20.95)	17-AUG-04 00:23	98.	ng/Sample	J	1
Naphthalene + Dodecane(21.07)	17-AUG-04 00:23	180	ng/Sample	J	1

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FORM A (TYPE I)
SINGLE METHOD ANALYSES

SAMPLE ANALYSIS DATA SHEET

S047D0QB

Date Printed.....: 19-AUG-04 15:36

Client Name.....: Prezant Associates
Client Ref Number....: C315-0006-00
Sampling Site.....: Firestation 31
Release Number.....: C315-0006-00

Date Received.....: 13-AUG-04 00:00

DCL Preparation Group: Not Applicable
Date Prepared.....: Not Applicable
Preparation Method...: Not Applicable
Aliquot Weight/Volume: Not Applicable
Net Weight/Volume....: Not Required

Client Sample Name: 14-VOC-1108
DCL Sample Name...: 04I23634
DCL Report Group..: 04I-2520-01

Matrix.....: CARBO
Date Sampled.....: 10-AUG-04 00:00
Reporting Units...: ng/Sample
Report Basis.....: ☒ As Received ☐ Dried

DCL Analysis Group: G047J00M
Analysis Method...: TO17
Instrument Type...: GC/MS VO
Instrument ID.....: 5972-X
Column Type.....: DB-1
☒ Primary
☐ Confirmation

Analytical Results

Analyte	Date Analyzed	MDL	Result	Units	Qual.	Dilution	PQL
Dichlorodifluoromethane	17-AUG-04 01:00		ND	ng/Sample		1	25.
Dichlorodifluoromethane	17-AUG-04 01:00		ND	µg/m³		1	
Dichlorodifluoromethane	17-AUG-04 01:00		ND	ppb v/v		1	
Chloromethane	17-AUG-04 01:00		ND	ng/Sample		1	25.
Chloromethane	17-AUG-04 01:00		ND	µg/m³		1	
Chloromethane	17-AUG-04 01:00		ND	ppb v/v		1	
Freon 114	17-AUG-04 01:00		ND	ng/Sample		1	25.
Freon 114	17-AUG-04 01:00		ND	µg/m³		1	
Freon 114	17-AUG-04 01:00		ND	ppb v/v		1	
Vinyl Chloride	17-AUG-04 01:00		ND	ng/Sample		1	25.
Vinyl Chloride	17-AUG-04 01:00		ND	µg/m³		1	
Vinyl Chloride	17-AUG-04 01:00		ND	ppb v/v		1	
Bromomethane	17-AUG-04 01:00		ND	ng/Sample		1	25.
Bromomethane	17-AUG-04 01:00		ND	µg/m³		1	
Bromomethane	17-AUG-04 01:00		ND	ppb v/v		1	
Chloroethane	17-AUG-04 01:00		ND	ng/Sample		1	25.
Chloroethane	17-AUG-04 01:00		ND	µg/m³		1	
Chloroethane	17-AUG-04 01:00		ND	ppb v/v		1	
Freon 11	17-AUG-04 01:00		ND	ng/Sample		1	25.
Freon 11	17-AUG-04 01:00		ND	µg/m³		1	
Freon 11	17-AUG-04 01:00		ND	ppb v/v		1	
cis-1,2-Dichloroethene	17-AUG-04 01:00		ND	ng/Sample		1	25.
cis-1,2-Dichloroethene	17-AUG-04 01:00		ND	µg/m³		1	
cis-1,2-Dichloroethene	17-AUG-04 01:00		ND	ppb v/v		1	
Carbon Disulfide	17-AUG-04 01:00		ND	ng/Sample		1	25.
Carbon Disulfide	17-AUG-04 01:00		ND	µg/m³		1	
Carbon Disulfide	17-AUG-04 01:00		ND	ppb v/v		1	
Freon 113	17-AUG-04 01:00		ND	ng/Sample		1	25.
Freon 113	17-AUG-04 01:00		ND	µg/m³		1	
Freon 113	17-AUG-04 01:00		ND	ppb v/v		1	
Acetone	17-AUG-04 01:00		57.	ng/Sample		1	25.
Acetone	17-AUG-04 01:00		0.94	µg/m³		1	0.41
Acetone	17-AUG-04 01:00		0.40	ppb v/v		1	0.17
Methylene Chloride	17-AUG-04 01:00		ND	ng/Sample		1	25.
Methylene Chloride	17-AUG-04 01:00		ND	µg/m³		1	
Methylene Chloride	17-AUG-04 01:00		ND	ppb v/v		1	
trans-1,2-Dichloroethene	17-AUG-04 01:00		ND	ng/Sample		1	25.
trans-1,2-Dichloroethene	17-AUG-04 01:00		ND	µg/m³		1	
trans-1,2-Dichloroethene	17-AUG-04 01:00		ND	ppb v/v		1	
1,1-Dichloroethane	17-AUG-04 01:00		ND	ng/Sample		1	25.
1,1-Dichloroethane	17-AUG-04 01:00		ND	µg/m³		1	

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DATA CHEM LABORATORIES
A Sorenson Company

FORM A (TYPE I)
SINGLE METHOD ANALYSES

SAMPLE ANALYSIS DATA SHEET

S047D0QB

Date Printed.....: 19-AUG-04 15:36
Client Name.....: Prezant Associates

DCL Sample Name...: 04I23634
DCL Report Group..: 04I-2520-01

Analytical Results

Analyte	Date Analyzed	MDL	Result	Units	Qual.	Dilution	PQL
1,1-Dichloroethane	17-AUG-04 01:00		ND	ppb v/v		1	
Vinyl Acetate	17-AUG-04 01:00		ND	ng/Sample		1	25.
Vinyl Acetate	17-AUG-04 01:00		ND	µg/m³		1	
Vinyl Acetate	17-AUG-04 01:00		ND	ppb v/v		1	
1,1-Dichloroethene	17-AUG-04 01:00		ND	ng/Sample		1	25.
1,1-Dichloroethene	17-AUG-04 01:00		ND	µg/m³		1	
1,1-Dichloroethene	17-AUG-04 01:00		ND	ppb v/v		1	
2-Butanone	17-AUG-04 01:00		ND	ng/Sample		1	25.
2-Butanone	17-AUG-04 01:00		ND	µg/m³		1	
2-Butanone	17-AUG-04 01:00		ND	ppb v/v		1	
Chloroform	17-AUG-04 01:00		ND	ng/Sample		1	25.
Chloroform	17-AUG-04 01:00		ND	µg/m³		1	
Chloroform	17-AUG-04 01:00		ND	ppb v/v		1	
1,1,1-Trichloroethane	17-AUG-04 01:00		ND	ng/Sample		1	25.
1,1,1-Trichloroethane	17-AUG-04 01:00		ND	µg/m³		1	
1,1,1-Trichloroethane	17-AUG-04 01:00		ND	ppb v/v		1	
Carbon Tetrachloride	17-AUG-04 01:00		ND	ng/Sample		1	25.
Carbon Tetrachloride	17-AUG-04 01:00		ND	µg/m³		1	
Carbon Tetrachloride	17-AUG-04 01:00		ND	ppb v/v		1	
Benzene	17-AUG-04 01:00		35.	ng/Sample		1	25.
Benzene	17-AUG-04 01:00		0.58	µg/m³		1	0.41
Benzene	17-AUG-04 01:00		0.18	ppb v/v		1	0.13
1,2-Dichloroethane	17-AUG-04 01:00		ND	ng/Sample		1	25.
1,2-Dichloroethane	17-AUG-04 01:00		ND	µg/m³		1	
1,2-Dichloroethane	17-AUG-04 01:00		ND	ppb v/v		1	
Trichloroethene	17-AUG-04 01:00		ND	ng/Sample		1	25.
Trichloroethene	17-AUG-04 01:00		ND	µg/m³		1	
Trichloroethene	17-AUG-04 01:00		ND	ppb v/v		1	
1,2-Dichloropropane	17-AUG-04 01:00		ND	ng/Sample		1	25.
1,2-Dichloropropane	17-AUG-04 01:00		ND	µg/m³		1	
1,2-Dichloropropane	17-AUG-04 01:00		ND	ppb v/v		1	
Bromodichloromethane	17-AUG-04 01:00		ND	ng/Sample		1	25.
Bromodichloromethane	17-AUG-04 01:00		ND	µg/m³		1	
Bromodichloromethane	17-AUG-04 01:00		ND	ppb v/v		1	
cis-1,3-Dichloropropene	17-AUG-04 01:00		ND	ng/Sample		1	25.
cis-1,3-Dichloropropene	17-AUG-04 01:00		ND	µg/m³		1	
cis-1,3-Dichloropropene	17-AUG-04 01:00		ND	ppb v/v		1	
4-Methyl-2-Pentanone	17-AUG-04 01:00		35.	ng/Sample		1	25.
4-Methyl-2-Pentanone	17-AUG-04 01:00		0.58	µg/m³		1	0.41
4-Methyl-2-Pentanone	17-AUG-04 01:00		0.14	ppb v/v		1	0.10
Toluene	17-AUG-04 01:00		400	ng/Sample		1	25.
Toluene	17-AUG-04 01:00		6.6	µg/m³		1	0.41
Toluene	17-AUG-04 01:00		1.7	ppb v/v		1	0.11
trans-1,3-Dichloropropene	17-AUG-04 01:00		ND	ng/Sample		1	25.
trans-1,3-Dichloropropene	17-AUG-04 01:00		ND	µg/m³		1	
trans-1,3-Dichloropropene	17-AUG-04 01:00		ND	ppb v/v		1	
1,1,2-Trichloroethane	17-AUG-04 01:00		ND	ng/Sample		1	25.
1,1,2-Trichloroethane	17-AUG-04 01:00		ND	µg/m³		1	
1,1,2-Trichloroethane	17-AUG-04 01:00		ND	ppb v/v		1	
Tetrachloroethene	17-AUG-04 01:00		ND	ng/Sample		1	25.
Tetrachloroethene	17-AUG-04 01:00		ND	µg/m³		1	
Tetrachloroethene	17-AUG-04 01:00		ND	ppb v/v		1	
2-Hexanone	17-AUG-04 01:00		ND	ng/Sample		1	25.
2-Hexanone	17-AUG-04 01:00		ND	µg/m³		1	
2-Hexanone	17-AUG-04 01:00		ND	ppb v/v		1	
Dibromochloromethane	17-AUG-04 01:00		ND	ng/Sample		1	25.
Dibromochloromethane	17-AUG-04 01:00		ND	µg/m³		1	
Dibromochloromethane	17-AUG-04 01:00		ND	ppb v/v		1	

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DATA CHEM LABORATORIES
A Sorenson Company

FORM A (TYPE I)
SINGLE METHOD ANALYSES

SAMPLE ANALYSIS DATA SHEET

S047D0QB

Date Printed.....: 19-AUG-04 15:36
Client Name.....: Prezant Associates

DCL Sample Name...: 04I23634
DCL Report Group..: 04I-2520-01

Analytical Results

Analyte	Date Analyzed	MDL	Result	Units	Qual.	Dilution	PQL
1,2-Dibromoethane	17-AUG-04 01:00		ND	ng/Sample		1	25.
1,2-Dibromoethane	17-AUG-04 01:00		ND	µg/m³		1	
1,2-Dibromoethane	17-AUG-04 01:00		ND	ppb v/v		1	
Chlorobenzene	17-AUG-04 01:00		ND	ng/Sample		1	25.
Chlorobenzene	17-AUG-04 01:00		ND	µg/m³		1	
Chlorobenzene	17-AUG-04 01:00		ND	ppb v/v		1	
Ethylbenzene	17-AUG-04 01:00		71.	ng/Sample		1	25.
Ethylbenzene	17-AUG-04 01:00		1.2	µg/m³		1	0.41
Ethylbenzene	17-AUG-04 01:00		0.27	ppb v/v		1	0.095
m,p-Xylene	17-AUG-04 01:00		250	ng/Sample		1	25.
m,p-Xylene	17-AUG-04 01:00		4.1	µg/m³		1	0.41
m,p-Xylene	17-AUG-04 01:00		0.95	ppb v/v		1	0.095
o-Xylene	17-AUG-04 01:00		91.	ng/Sample		1	25.
o-Xylene	17-AUG-04 01:00		1.5	µg/m³		1	0.41
o-Xylene	17-AUG-04 01:00		0.35	ppb v/v		1	0.095
Styrene	17-AUG-04 01:00		ND	ng/Sample		1	25.
Styrene	17-AUG-04 01:00		ND	µg/m³		1	
Styrene	17-AUG-04 01:00		ND	ppb v/v		1	
Bromoform	17-AUG-04 01:00		ND	ng/Sample		1	25.
Bromoform	17-AUG-04 01:00		ND	µg/m³		1	
Bromoform	17-AUG-04 01:00		ND	ppb v/v		1	
1,1,2,2-Tetrachloroethane	17-AUG-04 01:00		ND	ng/Sample		1	25.
1,1,2,2-Tetrachloroethane	17-AUG-04 01:00		ND	µg/m³		1	
1,1,2,2-Tetrachloroethane	17-AUG-04 01:00		ND	ppb v/v		1	
Benzyl Chloride	17-AUG-04 01:00		ND	ng/Sample		1	25.
Benzyl Chloride	17-AUG-04 01:00		ND	µg/m³		1	
Benzyl Chloride	17-AUG-04 01:00		ND	ppb v/v		1	
4-Ethyl toluene	17-AUG-04 01:00		32.	ng/Sample		1	25.
4-Ethyl toluene	17-AUG-04 01:00		0.53	µg/m³		1	0.41
4-Ethyl toluene	17-AUG-04 01:00		0.11	ppb v/v		1	0.084
1,3,5-Trimethylbenzene	17-AUG-04 01:00		32.	ng/Sample		1	25.
1,3,5-Trimethylbenzene	17-AUG-04 01:00		0.11	ppb v/v		1	0.084
1,3,5-Trimethylbenzene	17-AUG-04 01:00		0.11	ppb v/v		1	
1,2,4-Trimethylbenzene	17-AUG-04 01:00		120	ng/Sample		1	25.
1,2,4-Trimethylbenzene	17-AUG-04 01:00		2.0	µg/m³		1	0.41
1,2,4-Trimethylbenzene	17-AUG-04 01:00		0.40	ppb v/v		1	0.084
1,3-Dichlorobenzene	17-AUG-04 01:00		ND	ng/Sample		1	25.
1,3-Dichlorobenzene	17-AUG-04 01:00		ND	µg/m³		1	
1,3-Dichlorobenzene	17-AUG-04 01:00		ND	ppb v/v		1	
1,4-Dichlorobenzene	17-AUG-04 01:00		ND	ng/Sample		1	25.
1,4-Dichlorobenzene	17-AUG-04 01:00		ND	µg/m³		1	
1,4-Dichlorobenzene	17-AUG-04 01:00		ND	ppb v/v		1	
1,2-Dichlorobenzene	17-AUG-04 01:00		ND	ng/Sample		1	25.
1,2-Dichlorobenzene	17-AUG-04 01:00		ND	µg/m³		1	
1,2-Dichlorobenzene	17-AUG-04 01:00		ND	ppb v/v		1	
1,2,4-Trichlorobenzene	17-AUG-04 01:00		ND	ng/Sample		1	25.
1,2,4-Trichlorobenzene	17-AUG-04 01:00		ND	µg/m³		1	
1,2,4-Trichlorobenzene	17-AUG-04 01:00		ND	ppb v/v		1	
Hexachlorobutadiene	17-AUG-04 01:00		ND	ng/Sample		1	25.
Hexachlorobutadiene	17-AUG-04 01:00		ND	µg/m³		1	
Hexachlorobutadiene	17-AUG-04 01:00		ND	ppb v/v		1	
Methyl t-Butyl Ether	17-AUG-04 01:00		ND	ng/Sample		1	25.
Methyl t-Butyl Ether	17-AUG-04 01:00		ND	µg/m³		1	
Methyl t-Butyl Ether	17-AUG-04 01:00		ND	ppb v/v		1	
Air Volume	17-AUG-04 01:00		60.7	Liter		1	

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DATA CHEM LABORATORIES
A Sorenson Company

FORM A (TYPE I)
SINGLE METHOD ANALYSES

SAMPLE ANALYSIS DATA SHEET

S047D0QB

Date Printed.....: 19-AUG-04 16:59
Client Name.....: Prezant Associates

DCL Sample Name...: 04I23634
DCL Report Group..: 04I-2520-01

Tentatively Identified Compound Results

Analyte(Retention Time)	Date Analyzed	Result	Units	Qual.	Dilution
Nonane(15.57)	17-AUG-04 01:00	95.	ng/Sample	J	1
Benzaldehyde(16.52)	17-AUG-04 01:00	160	ng/Sample	J	1
C3 Subst. Benzene(16.83)	17-AUG-04 01:00	92.	ng/Sample	J	1
C10 Terpene(17.25)	17-AUG-04 01:00	86.	ng/Sample	J	1
Decane(17.66)	17-AUG-04 01:00	230	ng/Sample	J	1
C4 subst. Benzene(18.15)	17-AUG-04 01:00	140	ng/Sample	J	1
Limonene(18.36)	17-AUG-04 01:00	380	ng/Sample	J	1
Acetophenone(18.65)	17-AUG-04 01:00	140	ng/Sample	J	1
C10 Aromatic(19.28)	17-AUG-04 01:00	210	ng/Sample	J	1
Undecane(19.49)	17-AUG-04 01:00	210	ng/Sample	J	1
Benzoic acid(20.21)	17-AUG-04 01:00	480	ng/Sample	J	1
Ethanol, 2-(2-butoxyethoxy)-(20.60)	17-AUG-04 01:00	270	ng/Sample	J	1
C12 Aromatic(20.94)	17-AUG-04 01:00	130	ng/Sample	J	1
Dodecane + Naphthalene(21.06)	17-AUG-04 01:00	190	ng/Sample	J	1

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DATA CHEM LABORATORIES
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FORM J (TYPE I)
SINGLE METHOD ANALYSES

QUALITY CONTROL DATA SHEET
LABORATORY CONTROL SAMPLE (LCS)
LABORATORY CONTROL DUPL (LCD)

S047J003

Client Name.....: Prezant Associates
Release Number.....: C315-0006-00

Matrix.....: AIR
Reporting Units.....: ng/Sample

DCL Preparation Group: Not Applicable
Date Prepared.....: Not Applicable
Preparation Method...: Not Applicable

DCL Sample Name...: QC-222171-1
Date Printed.....: 19-AUG-04 15:36

DCL Analysis Group: G047J00M
Analysis Method...: TO17
Instrument Type...: GC/MS VO
Instrument ID.....: 5972-X
Column Type.....: DB-1
☒ Primary
☐ Confirmation

QC Limit Type.....: Method

Analytical Results

Analyte	Date Analyzed	Target	Result	Percent Recovery	QC Limits	QC Flag
1,1-Dichloroethene	16-AUG-04 13:01	198.	207.	105.	75.0/125.	
1,1,1-Trichloroethane	16-AUG-04 13:01	284.	296.	104.	75.0/125.	
Toluene	16-AUG-04 13:01	200.	213.	107.	75.0/125.	
Tetrachloroethene	16-AUG-04 13:01	356.	394.	111.	75.0/125.	
1,1,2,2-Tetrachloroethane	16-AUG-04 13:01	364.	407.	112.	75.0/125.	
1,4-Dichlorobenzene	16-AUG-04 13:01	316.	343.	109.	75.0/125.	

S047J004

DCL Sample Name...: QD-222171-1

Analytical Results

Analyte	Date Analyzed	Duplicate Result	Percent Recovery	Mean	Range	RPD	QC Limits	QC Flag
1,1-Dichloroethene	16-AUG-04 13:39	257.	129.	232.	49.1	21.	0.00/50.0	
1,1,1-Trichloroethane	16-AUG-04 13:39	255.	89.7	275.	41.8	15.	0.00/50.0	
Toluene	16-AUG-04 13:39	194.	97.1	203.	19.0	9.3	0.00/50.0	
Tetrachloroethene	16-AUG-04 13:39	348.	97.7	371.	46.1	12.	0.00/50.0	
1,1,2,2-Tetrachloroethane	16-AUG-04 13:39	340.	93.5	374.	67.1	18.	0.00/50.0	
1,4-Dichlorobenzene	16-AUG-04 13:39	299.	94.7	321.	43.8	14.	0.00/50.0	

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DATA CHEM LABORATORIES
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FORM C (TYPE I)
SINGLE METHOD ANALYSES

QUALITY CONTROL DATA SHEET
BLANK SAMPLE

S047J002

Client Name.....: Prezant Associates
Release Number.....: C315-0006-00

Matrix.....: CARBO
Reporting Units.....: ng/Sample

DCL Preparation Group: Not Applicable
Date Prepared.....: Not Applicable
Preparation Method...: Not Applicable

DCL Sample Name...: BL-222171-1
Date Printed.....: 19-AUG-04 16:01

DCL Analysis Group: G047J00M
Analysis Method...: TO17
Instrument Type...: GC/MS VO
Instrument ID.....: 5972-X
Column Type.....: DB-1
☒ Primary
☐ Confirmation

QC Limit Type.....: Method

Analytical Results

Analyte	Date Analyzed	Result	MDL	CRDL
Dichlorodifluoromethane	16-AUG-04 14:59	ND		25.
Chloromethane	16-AUG-04 14:59	ND		25.
Freon 114	16-AUG-04 14:59	ND		25.
Vinyl Chloride	16-AUG-04 14:59	ND		25.
Bromomethane	16-AUG-04 14:59	ND		25.
Chloroethane	16-AUG-04 14:59	ND		25.
Freon 11	16-AUG-04 14:59	ND		25.
cis-1,2-Dichloroethene	16-AUG-04 14:59	ND		25.
Carbon Disulfide	16-AUG-04 14:59	ND		25.
Freon 113	16-AUG-04 14:59	ND		25.
Acetone	16-AUG-04 14:59	ND		25.
Methylene Chloride	16-AUG-04 14:59	ND		25.
trans-1,2-Dichloroethene	16-AUG-04 14:59	ND		25.
1,1-Dichloroethane	16-AUG-04 14:59	ND		25.
Vinyl Acetate	16-AUG-04 14:59	ND		25.
1,1-Dichloroethene	16-AUG-04 14:59	ND		25.
2-Butanone	16-AUG-04 14:59	ND		25.
Chloroform	16-AUG-04 14:59	ND		25.
1,1,1-Trichloroethane	16-AUG-04 14:59	ND		25.
Carbon Tetrachloride	16-AUG-04 14:59	ND		25.
Benzene	16-AUG-04 14:59	ND		25.
1,2-Dichloroethane	16-AUG-04 14:59	ND		25.
Trichloroethene	16-AUG-04 14:59	ND		25.
1,2-Dichloropropane	16-AUG-04 14:59	ND		25.
Bromodichloromethane	16-AUG-04 14:59	ND		25.
cis-1,3-Dichloropropene	16-AUG-04 14:59	ND		25.
4-Methyl-2-Pentanone	16-AUG-04 14:59	ND		25.
Toluene	16-AUG-04 14:59	ND		25.
trans-1,3-Dichloropropene	16-AUG-04 14:59	ND		25.
1,1,2-Trichloroethane	16-AUG-04 14:59	ND		25.
Tetrachloroethene	16-AUG-04 14:59	ND		25.
2-Hexanone	16-AUG-04 14:59	ND		25.
Dibromochloromethane	16-AUG-04 14:59	ND		25.
1,2-Dibromoethane	16-AUG-04 14:59	ND		25.
Chlorobenzene	16-AUG-04 14:59	ND		25.
Ethylbenzene	16-AUG-04 14:59	ND		25.
m,p-Xylene	16-AUG-04 14:59	ND		25.
o-Xylene	16-AUG-04 14:59	ND		25.
Styrene	16-AUG-04 14:59	ND		25.
Bromoform	16-AUG-04 14:59	ND		25.
1,1,2,2-Tetrachloroethane	16-AUG-04 14:59	ND		25.
Benzyl Chloride	16-AUG-04 14:59	ND		25.
4-Ethyl toluene	16-AUG-04 14:59	ND		25.
1,3,5-Trimethylbenzene	16-AUG-04 14:59	ND		25.
1,2,4-Trimethylbenzene	16-AUG-04 14:59	ND		25.
1,3-Dichlorobenzene	16-AUG-04 14:59	ND		25.
1,4-Dichlorobenzene	16-AUG-04 14:59	ND		25.

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DATA CHEM LABORATORIES
A Sorenson Company

FORM C (TYPE I)
SINGLE METHOD ANALYSES

QUALITY CONTROL DATA SHEET
BLANK SAMPLE

S047J002

Client Name.....: Prezant Associates

DCL Sample Name...: BL-222171-1
Date Printed.....: 19-AUG-04 16:01

Analytical Results

Analyte	Date Analyzed	Result	MDL	CRDL
1,2-Dichlorobenzene	16-AUG-04 14:59	ND		25.
1,2,4-Trichlorobenzene	16-AUG-04 14:59	ND		25.
Hexachlorobutadiene	16-AUG-04 14:59	ND		25.
Methyl t-Butyl Ether	16-AUG-04 14:59	ND		25.

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FORM G (TYPE I)
SINGLE METHOD ANALYSES

QUALITY CONTROL DATA SHEET
SURROGATE SUMMARY

G047J00M

Client Name.....: Prezant Associates
Release Number.....: C315-0006-00

Matrix.....: AIR
Reporting Units.....: ng/Sample

Date Printed.....: 19-AUG-04 15:36

DCL Analysis Group: G047J00M
Analysis Method...: TO17

DCL Prep Group....: Not Applicable
Preparation Method: Not Applicable

QC Limit Type.....: Method

Surrogate Recoveries

Surr. ID	4-Bromofluorobenzene											
QC Limits	75.0/125.											
DCL Sample Number	Analyte Result	Spiked Amount	% Rec.	Q	Analyte Result	Spiked Amount	% Rec.	Q	Analyte Result	Spiked Amount	% Rec.	Q
04I23628	93.9	100.	93.9									
04I23629	95.5	100.	95.5									
04I23630	96.1	100.	96.1									
04I23631	102.	100.	102.									
04I23632	113.	100.	113.									
04I23633	116.	100.	116.									
04I23634	98.3	100.	98.3									
BL-222171-1	88.4	100.	88.4									
QC-222171-1	102.	100.	102.									
QD-222171-1	99.3	100.	99.3									

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PO# 12 501

DATA CHEM LABORATORIES, INC.

DataChem Laboratories
Field Chain-of-Custody Record

04I-2520-01

Client Address:
Prezant Associates Inc
330 6th Ave North # 200
Seattle, WA 98121

Project No.: C315-0006-00

Project Name: Firestation 31

Sampler: (Signature) [signature]

Analyses Requested: VOCs TO-17 ($275) + $40)

Matrix Codes: W) Water, B) Bulk, L) Liquid, F) Filter, S) Soil, G) Wipe, C) Solid, M) Media, A) Air

Preservation Codes: 1) Cool to 4°C, 2) HCl to pH<2, 4°C, 3) H_2SO_4 to pH<2, 4°C, 4) HNO_3 to pH<2, 4°C, 5) NaOH to pH>12, 4°C, 6) ZnOAc/NaOH to pH>9, 4°C

Field Sample Number	Site ID	Date	Time	Depth	DCL Sample Number	Preservation Code	Sample Matrix Code	Sample for Matrix QC	VOCs TO-17 ($275) + $40)									No. of Containers	Remarks
COS-FS31 -																			
"-20-VOC-1101	Sink Room	8/10/2004			04I23627				X										V= 76.9 L
"-05-VOC-1102	Kitchen	↓			28				X										58.0 L
"-01-VOC-1103	Watch office				29				X										63.1 L
"-00-VOC-1104	outside/Deck				30				X										58.1 L
"-29-VOC-1105	Bunk Room				31				X										54.6 L
"-16-VOC-1106	Diesel Gen. Room				32				X										39.1 L
"-11-VOC-1107	Weight Room				33				X										58.8 L
"-14-VOC-1108	Open Drift Area	↓			34				X										60.7 L

Relinquished by: (Signature)	Date/Time	Received by: (Signature)
[signature]	8/12/04 13:00	[signature]
[signature]	8/13/04 9:40am	

Shipped to:
DataChem Laboratories
960 West LeVoy Drive
Salt Lake City, Utah 84123
Phone: (801) 266-7700
Fax: (801) 268-9992

Date/Time | Carrier / Airbill #:

DATA CHEM LABORATORIES
A Sorenson Company

ANALYTICAL REPORT

Form ARF-AL
Page 1 of 2
Part 1 of 1
08170410160307RX

Date AUG 18 2004
Laboratory Group Name 04I-2520-02
Account No. 07003

Prezant Associates
Attention: Katja Jacob
330 6th Ave North #200
Seattle, WA 98109

FAX (206) 281-8922
Telephone (206) 579-4824
E-mail kjacob@prezant.com

Sampling Collection and Shipment

Sampling Site Firestation 31 Date of Collection August 11, 2004

Date Samples Received at Laboratory August 13, 2004

Analysis

Method of Analysis OSHA 39

Date(s) of Analysis August 16, 2004

Analytical Results

Field Sample Number	Laboratory Number	Sample Type	Pentachloro Phenol ug/sample	Pentachloro Phenol mg/m³	Air Volume Liters					
20-PCP-1109	04I23635	TUBE	ND	<0.0022	46.1					
21-PCP-1110	04I23636	TUBE	ND	<0.0022	45.4					
29-PCP-1111	04I23637	TUBE	ND	<0.0024	42.5					
05-PCP-1112	04I23638	TUBE	ND	<0.0023	42.7					
04-PCP-1113	04I23639	TUBE	ND	<0.0021	46.6					
Reporting Limit			0.1							

† See comment on last page.
ND Parameter not detected above LOD.
NR Parameter not requested.
NA Parameter not applicable.

** See comment on last page.
( ) Parameter between LOD and LOQ.

Analyst: Rodney Lemon

Reviewer: Don Wickman

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DATA CHEM LABORATORIES
A Sorenson Company

ANALYTICAL REPORT

Date AUG 1 8 2004
Laboratory Group Name 04I-2520-02

General Set Comments

The reported results have not been blank corrected.

mg/m³ formula: Result / Volume

General Lab Comments

The results provided in this report relate only to the items tested.
This page is the concluding page of the report.

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PO # 12501

DATA CHEM

DataChem Laboratories
Field Chain-of-Custody Record

OMI-2520-02

Client Address:
Drizant Associates
330 6th Ave North #200
Seattle WA 98109

Project No.: C315-0006-00

Project Name: Firestation 31

Sampler: (Signature) Jacob

Matrix Codes: W) Water, B) Bulk, L) Liquid, F) Filter, S) Soil, G) Wipe, C) Solid, M) Media, A) Air

Preservation Codes: 1) Cool to 4°C, 2) HCl to pH<2, 4°C, 3) H_2SO_4 to pH<2, 4°C, 4) HNO_3 to pH<2, 4°C, 5) NaOH to pH>12, 4°C, 6) ZnOAc/NaOH to pH>9, 4°C

Field Sample Number	Site ID	Date	Time	Depth	DCL Sample Number	Preservation Code	Sample Matrix Code	Sample for Matrix QC	PCP: OSHA 39 (1125)								No. of Containers	Remarks
~~[illegible]~~																		
~~[illegible]~~																		
COS-FS31-																		V = 46.1L
"-20-PCP-1109	Deck	8/11/2009			OMI23635				X									45.4L
"-21-PCP-1110	Hose Tower	↓			36				↓									42.5L
"-29-PCP-1111	Bunk Room	↓			37				↓									42.7L
"-05-PCP-1112	Kitchen	↓			38				↓									46.6L
"-04-PCP-1113	Ladder 5 office	↓			39				↓									
~~[illegible]~~																		

Relinquished by: (Signature)	Date/Time	Received by: (Signature)
	8/12/09 13:00	[signature]
[signature]	8/13/09 9:[illegible]	

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