

ENVIRONMENTAL CONSULTING & MANAGEMENT

**ROUX ASSOCIATES, INC.**



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June 5, 2008

Mr. Robert R. Stewart  
Engineering Geologist  
New York State Department of Environmental Conservation  
Division of Environmental Remediation, Region 1  
Stony Brook University  
50 Circle Road  
Stony Brook, New York 11790-3409

Re: Summary of Investigation -Soil Vapor Intrusion Study  
333 Smith Street (a.k.a. 50 Marcus Drive) Farmingdale, New York  
NYSDEC Site # V-001521

Dear Mr. Stewart:

On behalf of RexCorp Realty LLC (RexCorp), Roux Associates, Inc. (Roux Associates) has prepared the following Summary of Investigation for a soil vapor intrusion study conducted at 333 Smith Street in Farmingdale, New York (Site). The soil vapor intrusion study was conducted between March 22, 2008 and March 27, 2008 in accordance with Roux Associates' January 4, 2008 "Vapor Intrusion Evaluation Work Plan" as approved by New York State Department of Environmental Conservation (NYSDEC) and New York State Department of Health (NYSDOH) on January 24, 2008.

### **Background**

Three separate engineering controls have been employed at the Site to maintain acceptable indoor air quality. An epoxy floor covering was applied to the concrete slab, maintenance of the interior positive air pressure via the facility's forced air HVAC system, and the installation of a sub-slab venting system were completed prior to the build out of the new office space in January 2001. The epoxy floor coating consisted of a 13-mil thick 100% solids epoxy that was applied to the top surface of the concrete slab and joint sections. The facility's HVAC system was designed like most office buildings to provide a positive pressure atmosphere inside the building and is controlled by a Building Management System to ensure that an appropriate air exchange rate and a positive pressure gradient between the indoor air and the exterior environment are maintained. The passive sub-slab venting system consists of two venting wells to a depth of approximately 15 feet below the land surface and is connected to the roof exhaust points through the vent risers leading to 4" diameter wind-driven rotary turbine ventilator.

In addition, from October 2000 to January 2003, twelve indoor air monitoring events were completed to check the effectiveness of the controls. It was concluded that the engineering controls implemented at the facility are effectively maintaining acceptable indoor air quality.

### **Scope of Work**

The purpose of this vapor survey was to identify vapor concentrations in and under the building slab using the October 2006 NYSDOH "Guidance for Evaluating Soil Vapor Intrusion in the State of New York."

Three tasks were completed during the investigation (original Task 3 and Task 4 were condensed into Task 3) and include:

- Task 1: Pre-Sampling Inspection, Location Stakeout and Utility Clearance Activities
- Task 2: Verify the Operation of Existing Sub-Slab Ventilation System
- Task 3: Collection and Analysis of Sub-Slab, Ambient Indoor and Outdoor Background Air Sample

### **Discussion**

#### Task 1- Pre-Sampling Inspection, Location Stakeout and Utility Clearance Activities

On February 28, 2008, Roux Associates personnel met with the NYSDOH, the building owner, and tenant representatives to select the locations of the sub-slab sampling points. The property is occupied by a two-story 164,000 square foot building currently used as office space for Arrow Electronics, Inc. Prior to the installation and sample collection, a product inventory to list potential chemical interferences and the NYSDOH Indoor Air Survey were completed. The survey included recording occupancy and described the location and operational conditions of the building's heating, ventilation, and air conditioning system (HVAC). The building contains many computer servers, copy machines, and cleaning materials.

#### Task 2- Verify the Operation of Existing Sub-Slab Ventilation System

During the sampling event, Roux Associates located the two vent stacks from the existing sub-slab depressurization system and took photoionization detector (PID) measurements from each. The resulting readings from the two stacks were 2.6 parts per million (ppm) at the stack near the air duct and 1.8 ppm at the other vent stack. The "radius of influence" well, which is a well that was installed to help determine the radius of influence of the sub-slab ventilation system, was not located in the loading dock area on the western side of the building.

Task 3 - Collection and Analysis of Sub-Slab, Ambient Indoor, and Outdoor Background Air Samples

The six sampling points were installed on March 22, 2008 through 1-1/2 inch diameter holes that were cored through the four-inch thick concrete slab floor. Teflon-lined tubing (sample tubing) was set to a depth of two inches below the concrete slab (in the sub-slab material). Sand was used to fill in around the bottom two inches of the sample tubing. The remaining space was filled with Bentonite® and quick cement to seal the sampling point to just below the surface. The sampling point tubing was capped off with Masterflex® and a ziptie just below the grade of the floor. The carpet tile was then replaced over the point.

Prior to sampling the soil vapor points, the integrity of the sampling point seals were tested using helium as a tracer gas. This step is conducted as a quality assurance/quality control measure to verify that the soil vapor sample would not be compromised by entrainment of ambient air into the sample. Crayola® Modeling Clay was used to seal the enclosure where the sample tubing meets the surface. Soil vapor was purged from the point using an air pump calibrated to approximately 0.1627 liters per minute (L/min) while the sampling point was covered at the surface with a small enclosure that was partially filled with helium. The soil vapor discharging from the air pump and the air within the enclosure were continuously monitored for helium during purging. The sampling point seals were determined to be intact as there were no detections of helium in the soil vapor at any of the six points.

On March 27, 2008, eleven samples were collected concurrently: six sub-slab soil vapor samples (SS-1, through SS-6), four indoor ambient air samples (A-1 through A-4), and one outdoor ambient air sample (B-1), which was collected outside the southern wall of the building. All samples were collected in six-liter Summa canisters with flow-controlling regulators over an eight-hour period. Samples were collected anywhere between 6:30 P.M. (March 27<sup>th</sup>) and 4:00 A.M. (March 28<sup>th</sup>) (depending on start times) over an eight-hour sample collection period.

SS-1 was collected in a conference room behind the entryway door (on the Northwest corner of the building) in close proximity to indoor air sample A-1, which was collected from the conference room table. SS-2 and SS-5 were set up on the north and south sides of the atrium, respectively. SS-2 was set approximately 8 feet from the windows near the atrium. Both points were sampled in vacant cubicles. SS-6 and A-4 were collected in the cafeteria on the Southwest corner of the building, where A-4 was collected on a table nearby SS-6. SS-4 and A-3 were collected in a vacant cubicle approximately 9-1/2 feet from the windows along the southeast corner of the building. A-4 was set on a filing cabinet (approximately four feet above ground level). SS-3 was collected around an empty space between two cubicles while A-2 was collected in a vacant cubicle adjacent to SS-3 and set on a filing cabinet, located in the northeast corner of the building. Sampling locations are shown on Figure 1. This timeframe was selected so that the samples were collected while the building was unoccupied by employees to minimize

interference with VOC sources (e.g. colognes, hairsprays, etc.). The HVAC system was set to run under typical daily settings to simulate conditions representative of those when employees are present.

At the beginning of sampling, the indoor and outdoor atmospheric pressures were measured to be 30.02 inches of mercury (inHg). At the end of sampling, the indoor and outdoor atmospheric pressures were measured to be 29.83 inHg. Weather data including wind speed and direction was taken from the National Weather Service's reporting station in Farmingdale, New York (KFRG) and was recorded on an hourly basis throughout the eight-hour sampling period.

All six (6) soil vapor samples were collected by connecting tubing from the soil vapor sampling point to a Gilian GilAir-5 pump calibrated to 0.1627 L/min and a six-liter Summa canister using a disposable three-way valve. The valve leading to the Summa canister was initially closed and the valve leading to the vacuum pump was opened, allowing the soil vapor sampling point to be purged of approximately three tubing volumes of soil vapor. Following purging, concentrations of VOCs in the sub-slab soil vapor were screened using a PID. At SS-1, PID readings were 0.4 ppm, SS-2 PID readings were 0.2 ppm, SS-3 PID readings were not reported, SS-4 PID readings were 0.6 ppm, SS-5 PID readings were 0.5 ppm, and SS-6 PID readings were not reported. Following screening, the valve leading to the pump was closed and the valve leading to the Summa canister was opened. The soil vapor sample was collected in the Summa canister with a laboratory calibrated flow-controlling regulator over an eight-hour period. After the eight-hour period, the canister data sheet was completed.

Soil vapor and air samples were sent to AccuTest Laboratories of Dayton, New Jersey and analyzed for VOCs using USEPA method TO-15.

## Results

Analytical results for VOCs in soil vapor and ambient air are presented in Attachment 1, summarized in Table 1, and discussed below. Analytical results for samples collected during this Soil Vapor Intrusion investigation were evaluated using the NYSDOH's October 2006 "Guidance for Evaluating Soil Vapor Intrusion in the State of New York" ("NYSDOH Guidance").

A total of thirty VOCs were detected in the samples. The indoor air samples (A-1 to A-4) (Table 1) had twenty-one (21) detections, the background sample (B-1) had eighteen (18) detections, and the sub-slab air samples (SS-1 to SS-6) had twenty-six (26) detections.

The NYSDOH has developed two matrices found in Section 3.4 of the NYSDOH Guidance that addresses indoor air contamination for four VOCs including carbon tetrachloride, tetrachloroethene (PCE), 1,1,1-trichloroethane (1,1,1-TCA), and trichloroethene (TCE).

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All four of the aforementioned VOCs were found in the samples. Carbon tetrachloride was found only in the background sample B-1 at the value 0.75 µg/m<sup>3</sup> with the qualifier J, which means that it's an estimated value. PCE was found in both sub-slab soil vapor samples from 149 µg/m<sup>3</sup> in SS-3 to 10,800 µg/m<sup>3</sup> in SS-1 and in indoor air from 0.88J µg/m<sup>3</sup> in A-1 to 1.5 µg/m<sup>3</sup> in A-3.

The laboratory data was independently validated and the resulting report can be found as Attachment 2. The data table has been modified to reflect the results in the validation report.

### **Conclusions**

A comparison of PCE concentrations in sub-slab soil vapor to PCE concentrations in indoor air does not suggest the potential for soil vapor intrusion. As discussed above, the highest concentration of PCE detected in indoor air was 1.5 µg/m<sup>3</sup>, while the highest value of PCE detected in sub-slab soil vapor was 10,800 µg/m<sup>3</sup>.

The concentrations found in the indoor air samples are most likely due to indoor sources rather than soil vapor intrusion given the types and concentrations found in the sub-slab vapor samples. Potential indoor sources should be identified and steps to reduce exposures should be taken such as removal of the chemicals, relocation of the chemicals to locations away from exposures, and making sure containers are tightly covered.

These results are consistent with the results from previous investigations completed at the Site and demonstrate that the sub-slab depressurization system is working to prevent soil vapor intrusion.

If you have any questions concerning this report, please do not hesitate to contact us.

Sincerely,

ROUX ASSOCIATES, INC.



Karen G. Tyll, P.E.  
Senior Engineer

Attachments

cc: Sharon P McLelland, New York State Department of Health  
Diane Dorsi, RexCorp Property Management LLC  
Louis Evans, Esq., Thacher Proffitt & Wood LLP

Table 1. Summary of Volatile Organic Compounds in Soil Vapor Samples, 50 Marcus Drive/333 Smith Street, Melville, New York

Parameter (Concentrations in $\mu\text{g}/\text{m}^3$ )	Sample Designation: Sample Date:	A-1 3/28/2008	A-2 3/28/2008	A-3 3/27/2008	A-4 3/28/2008	B-1 3/28/2008	SS-1 3/28/2008
1,1,1-Trichloroethane		1.1 U	25 U				
1,1,2,2-Tetrachloroethane		1.4 U	32 U				
1,1,2-Trichloroethane		1.1 U	25 U				
1,1-Dichloroethane		0.81 U	19 U				
1,1-Dichloroethene		0.79 U	18 U				
1,2,4-Trichlorobenzene		1.5 U	34 U				
1,2,4-Trimethylbenzene		0.98 U	<b>5.9</b>	0.98 U	0.98 U	<b>3.7</b>	<b>19 J</b>
1,2-Dibromoethane		1.5 U	35 U				
1,2-Dichlorobenzene		1.2 U	28 U				
1,2-Dichloroethane		0.81 U	19 U				
1,2-Dichloropropane		0.92 U	21 U				
1,3,5-Trimethylbenzene		0.98 U	<b>1.7</b>	0.98 U	0.98 U	<b>0.98</b>	23 U
1,3-Butadiene		0.44 U	10 U				
1,3-Dichlorobenzene		1.2 U	28 U				
1,4-Dichlorobenzene		1.2 U	28 U				
1,4-Dioxane		0.72 U	17 U				
2-Butanone		<b>1.3</b>	<b>1.4</b>	<b>2.0</b>	<b>0.94</b>	<b>1.2</b>	14 U
2-Chlorotoluene		1.0 U	24 U				
2-Hexanone		0.82 U	19 U				
2-Propanol		<b>14</b>	<b>14</b>	<b>9.3</b>	<b>7.6</b>	<b>2.4</b>	11 U
3-Chloropropene		0.63 U	14 U				
4-Ethyltoluene		0.98 U	<b>1.0</b>	0.98 U	0.98 U	0.98 U	23 U
4-Methyl-2-pentanone		0.82 U	19 U				
Acetone		<b>9.5</b>	<b>9.3</b>	<b>15</b>	<b>8.6</b>	<b>7.1</b>	<b>39.0</b>
Benzene		<b>0.73</b>	<b>0.77</b>	<b>1.1</b>	<b>0.70</b>	<b>0.64</b>	15 U
Benzyl Chloride		1.0 U	24 U				
Bromodichloromethane		1.3 U	31 U				
Bromoethene		0.87 U	20 U				
Bromoform		2.1 U	48 U				
Bromomethane		0.78 U	18 U				
Carbon disulfide		0.62 U	14 U				
Carbon tetrachloride		1.3 U	1.3 U	1.3 U	1.3 U	<b>0.75 J</b>	29 U
Chlorobenzene		0.92 U	21 U				
Chloroethane		0.53 U	12 U				
Chloroform		0.98 U	22 U				
Chloromethane		1.0 UV	<b>1.1</b>	<b>1.1</b>	<b>1.3</b>	1.1 UV	9.5 U
cis-1,2-Dichloroethene		0.79 U	18 U				
cis-1,3-Dichloropropene		0.91 U	21 U				
Cyclohexane		0.69 U	<b>1.2</b>	0.69 U	0.69 U	0.69 U	16 U
Dibromochloromethane		1.7 U	39 U				
Dichlorodifluoromethane		<b>3.9</b>	<b>3.4</b>	<b>4.1 NJV</b>	<b>3.5</b>	<b>3.1</b>	23 U

Table 1. Summary of Volatile Organic Compounds in Soil Vapor Samples, 50 Marcus Drive/333 Smith Street, Melville, New York

Parameter	Sample Designation: Sample Date:	A-1 3/28/2008	A-2 3/28/2008	A-3 3/27/2008	A-4 3/28/2008	B-1 3/28/2008	SS-1 3/28/2008
(Concentrations in $\mu\text{g}/\text{m}^3$ )							
Ethanol		<b>24.1</b>	<b>37.5</b>	<b>30.1</b>	<b>18</b>	<b>4.7</b>	23 U
Ethyl Acetate		0.72 U	17 U				
Ethylbenzene		0.87 U	<b>1.1</b>	<b>0.52 J</b>	0.87 U	<b>1.2</b>	20 U
Freon 113		1.5 U	35 U				
Freon 114		1.4 U	32 U				
Hexachlorobutadiene		2.1 U	49 U				
Isooctane		0.93 U	21 U				
m+p-Xylene		<b>0.87</b>	<b>3.0</b>	<b>1.3</b>	<b>0.91</b>	<b>4.3</b>	<b>33</b>
Methylene chloride		<b>0.59 J</b>	<b>0.69</b>	<b>0.80</b>	<b>0.69</b>	<b>1.2</b>	16 U
MTBE		0.72 U	17 U				
n-Heptane		<b>1.1</b>	<b>1.2</b>	<b>0.90</b>	0.82 U	0.82 U	19 U
n-Hexane		0.70 U	<b>1.1</b>	<b>1.1</b>	0.70 U	0.70 U	16 U
o-Xylene		0.87 U	0.87 U	<b>0.43 J</b>	0.87 U	<b>1.8</b>	<b>11 J</b>
Propylene		0.86 U	<b>23.5</b>				
Styrene		0.85 U	20 U				
t-Butyl Alcohol		0.61 U	0.61 U	0.61 U	0.61 U	0.67 UV	<b>21</b>
Tetrachloroethene		<b>1.0 J</b>	<b>1.2 J</b>	<b>1.5</b>	<b>0.88 J</b>	1.4 U	<b>10800</b>
Tetrahydrofuran		0.59 U	14 U				
Toluene		<b>2.3</b>	<b>2.6</b>	<b>3.8</b>	<b>2.2</b>	<b>3.6</b>	<b>18</b>
trans-1,2-Dichloroethene		0.79 U	18 U				
trans-1,3-Dichloropropene		0.91 U	21 U				
Trichloroethene		1.1 U	<b>51</b>				
Trichlorofluoromethane		<b>2.0</b>	<b>1.9</b>	<b>2.2</b>	<b>2.0</b>	<b>2.1</b>	<b>18 J</b>
Vinyl Acetate		0.70 U	16 U				
Vinyl chloride		0.51 U	12 U				
Xylenes (total)		<b>0.87</b>	<b>3.0</b>	<b>1.7</b>	<b>0.91</b>	<b>6.5</b>	<b>43</b>

**Notes:** $\mu\text{g}/\text{m}^3$  - Micrograms per cubic meter

Bold data indicates that parameter was detected

N - Analyte present that has been "tentatively identified"

J - Estimated value

V - Data added and/or value altered by data validator

U - Compound was analyzed for but not detected

Table 1. Summary of Volatile Organic Compounds in Soil Vapor Samples, 50 Marcus Drive/333 Smith Street, Melville, New York

Parameter (Concentrations in $\mu\text{g}/\text{m}^3$ )	Sample Designation: Sample Date:	SS-2 3/28/2008	SS-3 3/28/2008	SS-4 3/28/2008	SS-5 3/28/2008	SS-6 3/27/2008
1,1,1-Trichloroethane		<b>31</b>	<b>11</b>	<b>14</b>	8.7 U	<b>28</b>
1,1,2,2-Tetrachloroethane		11 U	11 U	11 U	11 U	16 U
1,1,2-Trichloroethane		8.7 U	8.7 U	8.7 U	8.7 U	13 U
1,1-Dichloroethane		6.5 U	6.5 U	6.5 U	6.5 U	9.3 U
1,1-Dichloroethene		6.3 U	6.3 U	6.3 U	6.3 U	9.1 U
1,2,4-Trichlorobenzene		12 U	12 U	12 U	12 U	17 U
1,2,4-Trimethylbenzene		<b>19</b>	<b>11</b>	<b>16</b>	<b>11</b>	11 U
1,2-Dibromoethane		12 U	12 U	12 U	12 U	18 U
1,2-Dichlorobenzene		9.6 U	9.6 U	9.6 U	9.6 U	14 U
1,2-Dichloroethane		6.5 U	6.5 U	6.5 U	6.5 U	9.3 U
1,2-Dichloropropane		7.4 U	7.4 U	7.4 U	7.4 U	11 U
1,3,5-Trimethylbenzene		<b>4.9 J</b>	7.9 U	<b>4.1 J</b>	7.9 U	11 U
1,3-Butadiene		3.5 U	3.5 U	3.5 U	3.5 U	5.1 U
1,3-Dichlorobenzene		9.6 U	9.6 U	9.6 U	9.6 U	14 U
1,4-Dichlorobenzene		9.6 U	9.6 U	9.6 U	9.6 U	14 U
1,4-Dioxane		5.8 U	5.8 U	5.8 U	5.8 U	8.3 U
2-Butanone		4.7 U	4.7 U	4.7 U	4.7 U	<b>5.9 J</b>
2-Chlorotoluene		8.3 U	8.3 U	8.3 U	8.3 U	12 U
2-Hexanone		6.5 U	6.5 U	6.5 U	6.5 U	9.4 U
2-Propanol		3.9 U	3.9 U	3.9 U	3.9 U	<b>13</b>
3-Chloropropene		5.0 U	5.0 U	5.0 U	5.0 U	7.2 U
4-Ethyltoluene		7.9 U	7.9 U	7.9 U	7.9 U	11 U
4-Methyl-2-pentanone		<b>6.6</b>	6.6 U	6.6 U	6.6 U	9.4 U
Acetone		<b>19</b>	<b>19</b>	<b>6.7</b>	<b>18</b>	<b>74.6</b>
Benzene		5.1 U	5.1 U	5.1 U	5.1 U	7.3 U
Benzyl Chloride		8.2 U	8.2 U	8.2 U	8.2 U	12 U
Bromodichloromethane		11 U	11 U	11 U	11 U	15 U
Bromoethene		7.0 U	7.0 U	7.0 U	7.0 U	10 U
Bromoform		17 U	17 U	17 U	17 U	24 U
Bromomethane		6.2 U	6.2 U	6.2 U	6.2 U	8.9 U
Carbon disulfide		<b>22</b>	5.0 U	<b>20</b>	5.0 U	7.2 U
Carbon tetrachloride		10 U	10 U	10 U	10 U	14 U
Chlorobenzene		7.4 U	7.4 U	7.4 U	7.4 U	11 U
Chloroethane		4.2 U	4.2 U	4.2 U	4.2 U	6.1 U
Chloroform		<b>8.3</b>	7.8 U	7.8 U	7.8 U	<b>6.3 J</b>
Chloromethane		3.3 U	3.3 U	3.3 U	3.3 U	4.7 U
cis-1,2-Dichloroethene		6.3 U	6.3 U	<b>7.5</b>	6.3 U	<b>53.9</b>
cis-1,3-Dichloropropene		7.3 U	7.3 U	7.3 U	7.3 U	10 U
Cyclohexane		5.5 U	5.5 U	5.5 U	5.5 U	7.9 U
Dibromochloromethane		14 U	14 U	14 U	14 U	20 U
Dichlorodifluoromethane		<b>5.9 J</b>	<b>4.4 J</b>	7.9 U	<b>4.7 J</b>	11 U

Table 1. Summary of Volatile Organic Compounds in Soil Vapor Samples, 50 Marcus Drive/333 Smith Street, Melville, New York

Parameter (Concentrations in $\mu\text{g}/\text{m}^3$ )	Sample Designation: Sample Date:	SS-2 3/28/2008	SS-3 3/28/2008	SS-4 3/28/2008	SS-5 3/28/2008	SS-6 3/27/2008
Ethanol		7.5 U	7.5 U	7.5 U	7.5 U	<b>28.8</b>
Ethyl Acetate		5.8 U	5.8 U	5.8 U	5.8 U	8.3 U
Ethylbenzene		<b>6.1 J</b>	<b>3.9 J</b>	<b>4.8 J</b>	<b>3.9 J</b>	10 U
Freon 113		12 U	12 U	12 U	12 U	18 U
Freon 114		11 U	11 U	11 U	11 U	16 U
Hexachlorobutadiene		17 U	17 U	17 U	17 U	25 U
Isooctane		7.5 U	7.5 U	7.5 U	7.5 U	11 U
m+p-Xylene		<b>27</b>	<b>15</b>	<b>20</b>	<b>16</b>	<b>13</b>
Methylene chloride		5.6 U	<b>4.2 J</b>	5.6 U	5.6 U	8.0 U
MTBE		5.8 U	5.8 U	5.8 U	5.8 U	8.3 U
n-Heptane		6.6 U	6.6 U	6.6 U	6.6 U	9.4 U
n-Hexane		5.6 U	5.6 U	5.6 U	5.6 U	8.1 U
o-Xylene		<b>10</b>	<b>5.6 J</b>	<b>7.4</b>	<b>5.6 J</b>	10 U
Propylene		<b>4.1 J</b>	<b>5.2 NJV</b>	<b>4.6 NJV</b>	6.9 U	<b>8.1 J</b>
Styrene		6.8 U	6.8 U	6.8 U	6.8 U	9.8 U
t-Butyl Alcohol		<b>31.8</b>	<b>39.1</b>	<b>23</b>	<b>18</b>	<b>8.8</b>
Tetrachloroethene		<b>2730</b>	<b>149</b>	<b>5140</b>	<b>640</b>	<b>6560</b>
Tetrahydrofuran		4.7 U	4.7 U	4.7 U	4.7 U	6.8 U
Toluene		<b>16</b>	<b>12</b>	<b>13</b>	<b>11</b>	<b>13</b>
trans-1,2-Dichloroethene		6.3 U	6.3 U	6.3 U	6.3 U	9.1 U
trans-1,3-Dichloropropene		7.3 U	7.3 U	7.3 U	7.3 U	10 U
Trichloroethene		<b>9.1</b>	<b>12</b>	<b>391</b>	<b>18</b>	<b>481</b>
Trichlorofluoromethane		9.0 U	9.0 U	9.0 U	9.0 U	<b>15</b>
Vinyl Acetate		5.6 U	5.6 U	5.6 U	5.6 U	8.1 U
Vinyl chloride		4.1 U	4.1 U	4.1 U	4.1 U	5.9 U
Xylenes (total)		<b>37</b>	<b>21</b>	<b>27</b>	<b>21</b>	<b>13</b>

**Notes:** $\mu\text{g}/\text{m}^3$  - Micrograms per cubic meter

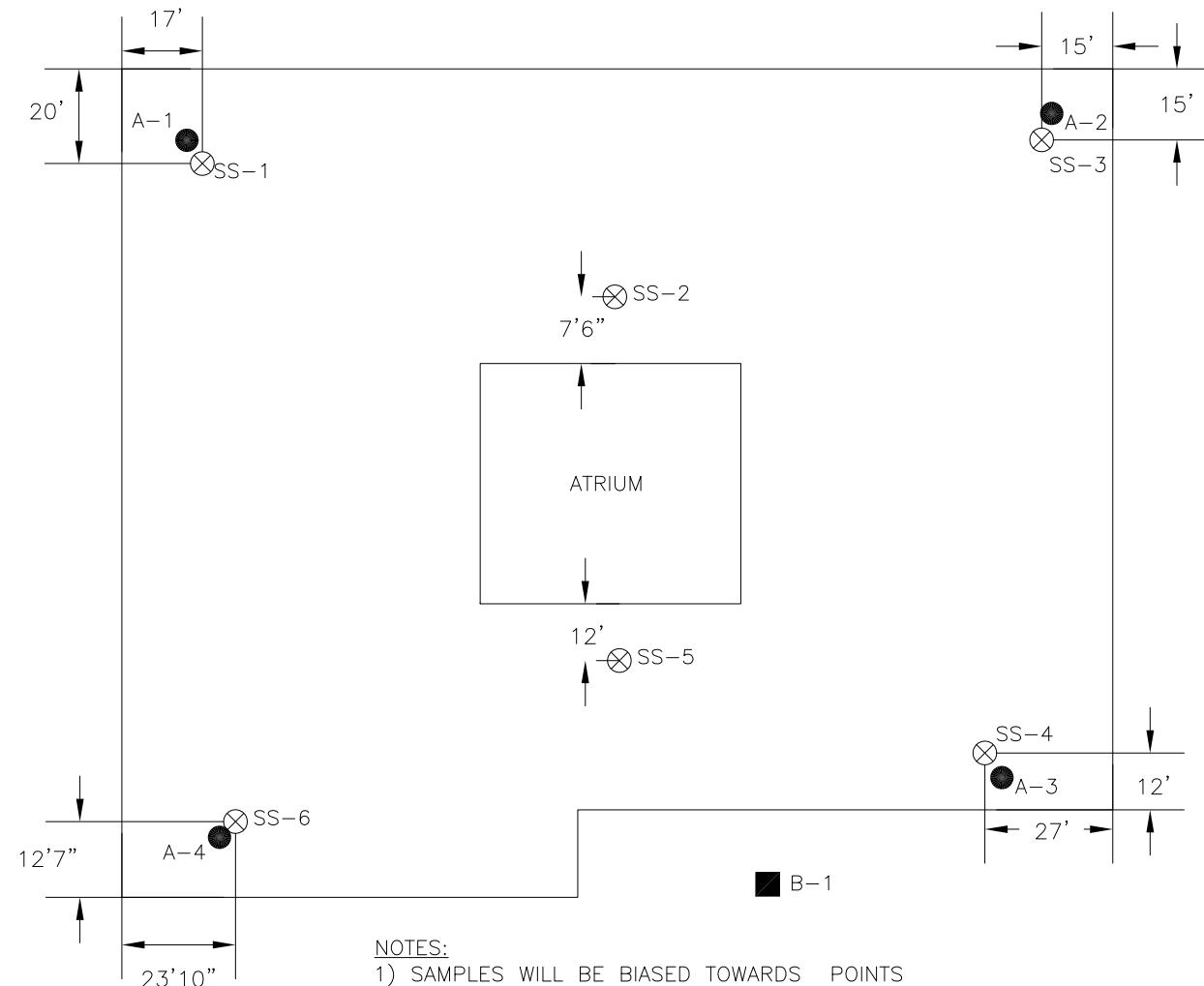
Bold data indicates that parameter was detected

N - Analyte present that has been "tentatively identified"

J - Estimated value

V - Data added and/or value altered by data validator

U - Compound was analyzed for but not detected

NOTES:

- 1) SAMPLES WILL BE BIASED TOWARDS POINTS OF ENTRY.
- 2) BACKGROUND SAMPLE WILL BE TAKEN ON WINDWARD SIDE OF BUILDING
- 3) SAMPLE SS-1 TO BE INSTALLED BEHIND DOOR IN CONFERENCE ROOM
- 4) SAMPLE SS-2 TO BE INSTALLED IN CUBICLE OUTSIDE LACTATION ROOM
- 5) SAMPLE SS-3 TO BE INSTALLED IN BETWEEN CUBICLES
- 6) SAMPLE SS-5 TO BE INSTALLED IN CUBICLE ACROSS FROM ATRIUM
- 7) SAMPLE SS-4 TO BE INSTALLED IN EMPTY CUBICLE ACROSS FROM WINDOW
- 8) SAMPLE SS-6 TO BE INSTALLED IN CAFETERIA

Title:

## VAPOR SAMPLE LOCATION PLAN

Prepared For:

RECKSON ASSOCIATES REALTY CORPORATION

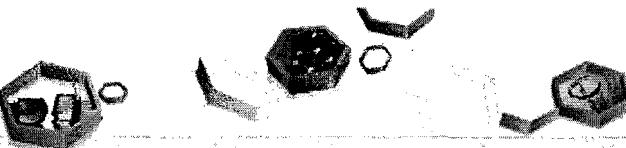
**ROUX**  
ROUX ASSOCIATES, INC.  
Environmental Consulting  
& Management

Compiled by: K.T. Date: 28APR08  
Prepared by: K.T. Scale: NTS  
Project Mgr: M.E. Office: NY  
File No: REC0610301 Project: 70206Y



**ATTACHMENT 1**

Analytical Report



IT'S ALL IN THE CHEMISTRY

04/21/08

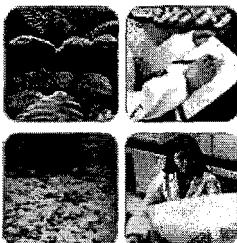
## Technical Report for

Roux Associates

Reckson, 50 Marcus Drive, Farmingdale, NY  
70206Y

Accutest Job Number: J86976

Sampling Dates: 03/27/08 - 03/28/08



Report to:

Roux Associates  
209 Shafter Street  
Islandia, NY 11749

ATTN: Karen Tyll

Total number of pages in report: 34



Test results contained within this data package meet the requirements of the National Environmental Laboratory Accreditation Conference and/or state specific certification programs as applicable.

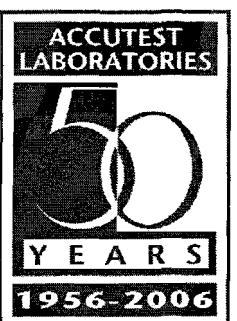
A handwritten signature in black ink.

Vincent J. Pugliese  
President

Client Service contact: Marty Vitanza 732-329-0200

Certifications: NJ(12129), NY(10983), CA, CT, DE, FL, IL, IN, KS, KY, LA, MA, MD, MI, MT, NC, PA, RI, SC, TN, VA, WV

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Test results relate only to samples analyzed.



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## Sample Summary

Roux Associates

Job No: J86976

Reckson, 50 Marcus Drive, Farmingdale, NY  
Project No: 70206Y

Sample Number	Collected Date	Time By	Matrix Received	Code Type	Client Sample ID
J86976-1	03/27/08	21:45 CG	03/29/08	AIR Air	SS-6
J86976-2	03/27/08	19:58 CG	03/29/08	AIR Air	A-3
J86976-3	03/28/08	02:49 CG	03/29/08	AIR Air	SS-2
J86976-4	03/28/08	03:33 CG	03/29/08	AIR Air	SS-1
J86976-5	03/28/08	03:33 CG	03/29/08	AIR Air	A-1
J86976-6	03/28/08	03:43 CG	03/29/08	AIR Air	A-4
J86976-7	03/28/08	03:39 CG	03/29/08	AIR Air	SS-5
J86976-8	03/28/08	03:23 CG	03/29/08	AIR Air	SS-4
J86976-9	03/28/08	04:06 CG	03/29/08	AIR Air	SS-3
J86976-10	03/28/08	03:30 CG	03/29/08	AIR Air	A-2
J86976-11	03/28/08	03:45 CG	03/29/08	AIR Air	B-1



IT'S ALL IN THE CHEMISTRY

## Sample Results

## Report of Analysis

Accutest Laboratories

## Report of Analysis

Page 1 of 3

<b>Client Sample ID:</b>	SS-6	<b>Date Sampled:</b>	03/27/08
<b>Lab Sample ID:</b>	J86976-1	<b>Date Received:</b>	03/29/08
<b>Matrix:</b>	AIR - Air	<b>Summa ID:</b>	A131,A581
<b>Method:</b>	TO-15	<b>Percent Solids:</b>	n/a

Project: Reckson, 50 Marcus Drive, Farmingdale, NY

Run #	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	2W17447.D	11.5	04/10/08	BR	n/a	n/a	V2W759
Run #2	2W17448.D	11.5	04/10/08	BR	n/a	n/a	V2W759

Initial Volume	
Run #1	400 ml
Run #2	80.0 ml

CAS No.	MW	Compound	Result	RL	Units	Q	Result	RL	Units
67-64-1	58.08	Acetone	31.4	2.3	ppbv		74.6	5.5	ug/m3
106-99-0	54.09	1,3-Butadiene	ND	2.3	ppbv		ND	5.1	ug/m3
71-43-2	78.11	Benzene	ND	2.3	ppbv		ND	7.3	ug/m3
75-27-4	163.8	Bromodichloromethane	ND	2.3	ppbv		ND	15	ug/m3
75-25-2	252.8	Bromoform	ND	2.3	ppbv		ND	24	ug/m3
74-83-9	94.94	Bromomethane	ND	2.3	ppbv		ND	8.9	ug/m3
593-60-2	106.9	Bromoethene	ND	2.3	ppbv		ND	10	ug/m3
100-44-7	126	Benzyl Chloride	ND	2.3	ppbv		ND	12	ug/m3
75-15-0	76.14	Carbon disulfide	ND	2.3	ppbv		ND	7.2	ug/m3
108-90-7	112.6	Chlorobenzene	ND	2.3	ppbv		ND	11	ug/m3
75-00-3	64.52	Chloroethane	ND	2.3	ppbv		ND	6.1	ug/m3
67-66-3	119.4	Chloroform	1.3	2.3	ppbv	J	6.3	11	ug/m3
74-87-3	50.49	Chloromethane	ND	2.3	ppbv		ND	4.7	ug/m3
107-05-1	76.53	3-Chloropropene	ND	2.3	ppbv		ND	7.2	ug/m3
95-49-8	126.6	2-Chlorotoluene	ND	2.3	ppbv		ND	12	ug/m3
56-23-5	153.8	Carbon tetrachloride	ND	2.3	ppbv		ND	14	ug/m3
110-82-7	84.16	Cyclohexane	ND	2.3	ppbv		ND	7.9	ug/m3
75-34-3	98.96	1,1-Dichloroethane	ND	2.3	ppbv		ND	9.3	ug/m3
75-35-4	96.94	1,1-Dichloroethylene	ND	2.3	ppbv		ND	9.1	ug/m3
106-93-4	187.9	1,2-Dibromoethane	ND	2.3	ppbv		ND	18	ug/m3
107-06-2	98.96	1,2-Dichloroethane	ND	2.3	ppbv		ND	9.3	ug/m3
78-87-5	113	1,2-Dichloropropane	ND	2.3	ppbv		ND	11	ug/m3
123-91-1	88.12	1,4-Dioxane	ND	2.3	ppbv		ND	8.3	ug/m3
75-71-8	120.9	Dichlorodifluoromethane	ND	2.3	ppbv		ND	11	ug/m3
124-48-1	208.3	Dibromochloromethane	ND	2.3	ppbv		ND	20	ug/m3
156-60-5	96.94	trans-1,2-Dichloroethylene	ND	2.3	ppbv		ND	9.1	ug/m3
156-59-2	96.94	cis-1,2-Dichloroethylene	13.6	2.3	ppbv		53.9	9.1	ug/m3
10061-01-5	111	cis-1,3-Dichloropropene	ND	2.3	ppbv		ND	10	ug/m3
541-73-1	147	m-Dichlorobenzene	ND	2.3	ppbv		ND	14	ug/m3
95-50-1	147	o-Dichlorobenzene	ND	2.3	ppbv		ND	14	ug/m3
106-46-7	147	p-Dichlorobenzene	ND	2.3	ppbv		ND	14	ug/m3
10061-02-6	111	trans-1,3-Dichloropropene	ND	2.3	ppbv		ND	10	ug/m3

ND = Not detected

J = Indicates an estimated value

RL = Reporting Limit

B = Indicates analyte found in associated method blank

E = Indicates value exceeds calibration range

N = Indicates presumptive evidence of a compound

Accutest Laboratories

## Report of Analysis

Page 2 of 3

<b>Client Sample ID:</b>	SS-6	<b>Date Sampled:</b>	03/27/08
<b>Lab Sample ID:</b>	J86976-1	<b>Date Received:</b>	03/29/08
<b>Matrix:</b>	AIR - Air	<b>Summa ID:</b>	A131,A581
<b>Method:</b>	TO-15	<b>Percent Solids:</b>	n/a

**Project:** Reckson, 50 Marcus Drive, Farmingdale, NY

CAS No.	MW	Compound	Result	RL	Units	Q	Result	RL	Units
64-17-5	46.07	Ethanol	15.3	5.8	ppbv		28.8	11	ug/m3
100-41-4	106.2	Ethylbenzene	ND	2.3	ppbv		ND	10	ug/m3
141-78-6	88	Ethyl Acetate	ND	2.3	ppbv		ND	8.3	ug/m3
622-96-8	120.2	4-Ethyltoluene	ND	2.3	ppbv		ND	11	ug/m3
76-13-1	187.4	Freon 113	ND	2.3	ppbv		ND	18	ug/m3
76-14-2	170.9	Freon 114	ND	2.3	ppbv		ND	16	ug/m3
142-82-5	100.2	Heptane	ND	2.3	ppbv		ND	9.4	ug/m3
87-68-3	260.8	Hexachlorobutadiene	ND	2.3	ppbv		ND	25	ug/m3
110-54-3	86.17	Hexane	ND	2.3	ppbv		ND	8.1	ug/m3
591-78-6	100	2-Hexanone	ND	2.3	ppbv		ND	9.4	ug/m3
67-63-0	60.1	Isopropyl Alcohol	5.3	2.3	ppbv		13	5.7	ug/m3
75-09-2	84.94	Methylene chloride	ND	2.3	ppbv		ND	8.0	ug/m3
78-93-3	72.11	Methyl ethyl ketone	2.0	2.3	ppbv	J	5.9	6.8	ug/m3
108-10-1	100.2	Methyl Isobutyl Ketone	ND	2.3	ppbv		ND	9.4	ug/m3
1634-04-4	88.15	Methyl Tert Butyl Ether	ND	2.3	ppbv		ND	8.3	ug/m3
115-07-1	42	Propylene	4.7	5.8	ppbv	J	8.1	10	ug/m3
100-42-5	104.1	Styrene	ND	2.3	ppbv		ND	9.8	ug/m3
71-55-6	133.4	1,1,1-Trichloroethane	5.2	2.3	ppbv		28	13	ug/m3
79-34-5	167.9	1,1,2,2-Tetrachloroethane	ND	2.3	ppbv		ND	16	ug/m3
79-00-5	133.4	1,1,2-Trichloroethane	ND	2.3	ppbv		ND	13	ug/m3
120-82-1	181.5	1,2,4-Trichlorobenzene	ND	2.3	ppbv		ND	17	ug/m3
95-63-6	120.2	1,2,4-Trimethylbenzene	ND	2.3	ppbv		ND	11	ug/m3
108-67-8	120.2	1,3,5-Trimethylbenzene	ND	2.3	ppbv		ND	11	ug/m3
540-84-1	114.2	2,2,4-Trimethylpentane	ND	2.3	ppbv		ND	11	ug/m3
75-65-0	74.12	Tertiary Butyl Alcohol	2.9	2.3	ppbv		8.8	7.0	ug/m3
127-18-4	165.8	Tetrachloroethylene	967 <sup>a</sup>	12	ppbv		6560 <sup>a</sup>	81	ug/m3
109-99-9	72.11	Tetrahydrofuran	ND	2.3	ppbv		ND	6.8	ug/m3
108-88-3	92.14	Toluene	3.5	2.3	ppbv		13	8.7	ug/m3
79-01-6	131.4	Trichloroethylene	89.5	2.3	ppbv		481	12	ug/m3
75-69-4	137.4	Trichlorofluoromethane	2.7	2.3	ppbv		15	13	ug/m3
75-01-4	62.5	Vinyl chloride	ND	2.3	ppbv		ND	5.9	ug/m3
108-05-4	86	Vinyl Acetate	ND	2.3	ppbv		ND	8.1	ug/m3
	106.2	m,p-Xylene	2.9	2.3	ppbv		13	10	ug/m3
95-47-6	106.2	o-Xylene	ND	2.3	ppbv		ND	10	ug/m3
1330-20-7	106.2	Xylenes (total)	2.9	2.3	ppbv		13	10	ug/m3

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
460-00-4	4-Bromofluorobenzene	99%	94%	78-124%

ND = Not detected

J = Indicates an estimated value

RL = Reporting Limit

B = Indicates analyte found in associated method blank

E = Indicates value exceeds calibration range

N = Indicates presumptive evidence of a compound

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## Report of Analysis

Page 3 of 3

Client Sample ID:	SS-6	Date Sampled:	03/27/08
Lab Sample ID:	J86976-1	Date Received:	03/29/08
Matrix:	AIR - Air	Summa ID:	A131,A581
Method:	TO-15	Percent Solids:	n/a
Project:	Reckson, 50 Marcus Drive, Farmingdale, NY		

CAS No.	MW	Compound	Result	RL	Units	Q	Result	RL	Units
---------	----	----------	--------	----	-------	---	--------	----	-------

(a) Result is from Run# 2

ND = Not detected  
 RL = Reporting Limit  
 E = Indicates value exceeds calibration range

J = Indicates an estimated value  
 B = Indicates analyte found in associated method blank  
 N = Indicates presumptive evidence of a compound

## Report of Analysis

Page 1 of 2

<b>Client Sample ID:</b>	A-3	<b>Date Sampled:</b>	03/27/08	
<b>Lab Sample ID:</b>	J86976-2	<b>Date Received:</b>	03/29/08	
<b>Matrix:</b>	AIR - Air	<b>Percent Solids:</b>	n/a	
<b>Method:</b>	Summa ID: A759	<b>Project:</b> Reckson, 50 Marcus Drive, Farmingdale, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	2W17449.D	1	04/10/08	BR	n/a	n/a	V2W759
Run #2							

	Initial Volume
Run #1	400 ml
Run #2	

CAS No.	MW	Compound	Result	RL	Units	Q	Result	RL	Units
67-64-1	58.08	Acetone	6.4	0.20	ppbv	15	0.48	ug/m3	
106-99-0	54.09	1,3-Butadiene	ND	0.20	ppbv	ND	0.44	ug/m3	
71-43-2	78.11	Benzene	0.33	0.20	ppbv	1.1	0.64	ug/m3	
75-27-4	163.8	Bromodichloromethane	ND	0.20	ppbv	ND	1.3	ug/m3	
75-25-2	252.8	Bromoform	ND	0.20	ppbv	ND	2.1	ug/m3	
74-83-9	94.94	Bromomethane	ND	0.20	ppbv	ND	0.78	ug/m3	
593-60-2	106.9	Bromoethene	ND	0.20	ppbv	ND	0.87	ug/m3	
100-44-7	126	Benzyl Chloride	ND	0.20	ppbv	ND	1.0	ug/m3	
75-15-0	76.14	Carbon disulfide	ND	0.20	ppbv	ND	0.62	ug/m3	
108-90-7	112.6	Chlorobenzene	ND	0.20	ppbv	ND	0.92	ug/m3	
75-00-3	64.52	Chloroethane	ND	0.20	ppbv	ND	0.53	ug/m3	
67-66-3	119.4	Chloroform	ND	0.20	ppbv	ND	0.98	ug/m3	
74-87-3	50.49	Chloromethane	0.54	0.20	ppbv	1.1	0.41	ug/m3	
107-05-1	76.53	3-Chloropropene	ND	0.20	ppbv	ND	0.63	ug/m3	
95-49-8	126.6	2-Chlorotoluene	ND	0.20	ppbv	ND	1.0	ug/m3	
56-23-5	153.8	Carbon tetrachloride	ND	0.20	ppbv	ND	1.3	ug/m3	
110-82-7	84.16	Cyclohexane	ND	0.20	ppbv	ND	0.69	ug/m3	
75-34-3	98.96	1,1-Dichloroethane	ND	0.20	ppbv	ND	0.81	ug/m3	
75-35-4	96.94	1,1-Dichloroethylene	ND	0.20	ppbv	ND	0.79	ug/m3	
106-93-4	187.9	1,2-Dibromoethane	ND	0.20	ppbv	ND	1.5	ug/m3	
107-06-2	98.96	1,2-Dichloroethane	ND	0.20	ppbv	ND	0.81	ug/m3	
78-87-5	113	1,2-Dichloropropane	ND	0.20	ppbv	ND	0.92	ug/m3	
123-91-1	88.12	1,4-Dioxane	ND	0.20	ppbv	ND	0.72	ug/m3	
75-71-8	120.9	Dichlorodifluoromethane	0.82	0.20	ppbv	4.1	0.99	ug/m3	
124-48-1	208.3	Dibromochloromethane	ND	0.20	ppbv	ND	1.7	ug/m3	
156-60-5	96.94	trans-1,2-Dichloroethylene	ND	0.20	ppbv	ND	0.79	ug/m3	
156-59-2	96.94	cis-1,2-Dichloroethylene	ND	0.20	ppbv	ND	0.79	ug/m3	
10061-01-5	111	cis-1,3-Dichloropropene	ND	0.20	ppbv	ND	0.91	ug/m3	
541-73-1	147	m-Dichlorobenzene	ND	0.20	ppbv	ND	1.2	ug/m3	
95-50-1	147	o-Dichlorobenzene	ND	0.20	ppbv	ND	1.2	ug/m3	
106-46-7	147	p-Dichlorobenzene	ND	0.20	ppbv	ND	1.2	ug/m3	
10061-02-6	111	trans-1,3-Dichloropropene	ND	0.20	ppbv	ND	0.91	ug/m3	

ND = Not detected

J = Indicates an estimated value

RL = Reporting Limit

B = Indicates analyte found in associated method blank

E = Indicates value exceeds calibration range

N = Indicates presumptive evidence of a compound

## Report of Analysis

Page 2 of 2

<b>Client Sample ID:</b>	A-3	<b>Date Sampled:</b>	03/27/08
<b>Lab Sample ID:</b>	J86976-2	<b>Date Received:</b>	03/29/08
<b>Matrix:</b>	AIR - Air	<b>Summa ID:</b>	A759
<b>Method:</b>	TO-15	<b>Percent Solids:</b>	n/a
<b>Project:</b>	Reckson, 50 Marcus Drive, Farmingdale, NY		

CAS No.	MW	Compound	Result	RL	Units	Q	Result	RL	Units
64-17-5	46.07	Ethanol	16.0	0.50	ppbv		30.1	0.94	ug/m3
100-41-4	106.2	Ethylbenzene	0.12	0.20	ppbv	J	0.52	0.87	ug/m3
141-78-6	88	Ethyl Acetate	ND	0.20	ppbv		ND	0.72	ug/m3
622-96-8	120.2	4-Ethyltoluene	ND	0.20	ppbv		ND	0.98	ug/m3
76-13-1	187.4	Freon 113	ND	0.20	ppbv		ND	1.5	ug/m3
76-14-2	170.9	Freon 114	ND	0.20	ppbv		ND	1.4	ug/m3
142-82-5	100.2	Heptane	0.22	0.20	ppbv		0.90	0.82	ug/m3
87-68-3	260.8	Hexachlorobutadiene	ND	0.20	ppbv		ND	2.1	ug/m3
110-54-3	86.17	Hexane	0.30	0.20	ppbv		1.1	0.70	ug/m3
591-78-6	100	2-Hexanone	ND	0.20	ppbv		ND	0.82	ug/m3
67-63-0	60.1	Isopropyl Alcohol	3.8	0.20	ppbv		9.3	0.49	ug/m3
75-09-2	84.94	Methylene chloride	0.23	0.20	ppbv		0.80	0.69	ug/m3
78-93-3	72.11	Methyl ethyl ketone	0.68	0.20	ppbv		2.0	0.59	ug/m3
108-10-1	100.2	Methyl Isobutyl Ketone	ND	0.20	ppbv		ND	0.82	ug/m3
1634-04-4	88.15	Methyl Tert Butyl Ether	ND	0.20	ppbv		ND	0.72	ug/m3
115-07-1	42	Propylene	ND	0.50	ppbv		ND	0.86	ug/m3
100-42-5	104.1	Styrene	ND	0.20	ppbv		ND	0.85	ug/m3
71-55-6	133.4	1,1,1-Trichloroethane	ND	0.20	ppbv		ND	1.1	ug/m3
79-34-5	167.9	1,1,2,2-Tetrachloroethane	ND	0.20	ppbv		ND	1.4	ug/m3
79-00-5	133.4	1,1,2-Trichloroethane	ND	0.20	ppbv		ND	1.1	ug/m3
120-82-1	181.5	1,2,4-Trichlorobenzene	ND	0.20	ppbv		ND	1.5	ug/m3
95-63-6	120.2	1,2,4-Trimethylbenzene	ND	0.20	ppbv		ND	0.98	ug/m3
108-67-8	120.2	1,3,5-Trimethylbenzene	ND	0.20	ppbv		ND	0.98	ug/m3
540-84-1	114.2	2,2,4-Trimethylpentane	ND	0.20	ppbv		ND	0.93	ug/m3
75-65-0	74.12	Tertiary Butyl Alcohol	ND	0.20	ppbv		ND	0.61	ug/m3
127-18-4	165.8	Tetrachloroethylene	0.22	0.20	ppbv		1.5	1.4	ug/m3
109-99-9	72.11	Tetrahydrofuran	ND	0.20	ppbv		ND	0.59	ug/m3
108-88-3	92.14	Toluene	1.0	0.20	ppbv		3.8	0.75	ug/m3
79-01-6	131.4	Trichloroethylene	ND	0.20	ppbv		ND	1.1	ug/m3
75-69-4	137.4	Trichlorofluoromethane	0.40	0.20	ppbv		2.2	1.1	ug/m3
75-01-4	62.5	Vinyl chloride	ND	0.20	ppbv		ND	0.51	ug/m3
108-05-4	86	Vinyl Acetate	ND	0.20	ppbv		ND	0.70	ug/m3
	106.2	m,p-Xylene	0.29	0.20	ppbv		1.3	0.87	ug/m3
95-47-6	106.2	o-Xylene	0.10	0.20	ppbv	J	0.43	0.87	ug/m3
1330-20-7	106.2	Xylenes (total)	0.39	0.20	ppbv		1.7	0.87	ug/m3

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
460-00-4	4-Bromofluorobenzene	97%		78-124%

ND = Not detected

J = Indicates an estimated value

RL = Reporting Limit

B = Indicates analyte found in associated method blank

E = Indicates value exceeds calibration range

N = Indicates presumptive evidence of a compound

Accutest Laboratories

## Report of Analysis

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<b>Client Sample ID:</b>	SS-2	<b>Date Sampled:</b>	03/28/08
<b>Lab Sample ID:</b>	J86976-3	<b>Date Received:</b>	03/29/08
<b>Matrix:</b>	AIR - Air	<b>Summa ID:</b>	A228
<b>Method:</b>	TO-15	<b>Percent Solids:</b>	n/a
<b>Project:</b>	Reckson, 50 Marcus Drive, Farmingdale, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	2W17450.D	1	04/10/08	BR	n/a	n/a	V2W759
Run #2	2W17451.D	1	04/11/08	BR	n/a	n/a	V2W759

	Initial Volume
Run #1	50.0 ml
Run #2	20.0 ml

CAS No.	MW	Compound	Result	RL	Units	Q	Result	RL	Units
67-64-1	58.08	Acetone	7.9	1.6	ppbv	19	3.8	ug/m3	
106-99-0	54.09	1,3-Butadiene	ND	1.6	ppbv	ND	3.5	ug/m3	
71-43-2	78.11	Benzene	ND	1.6	ppbv	ND	5.1	ug/m3	
75-27-4	163.8	Bromodichloromethane	ND	1.6	ppbv	ND	11	ug/m3	
75-25-2	252.8	Bromoform	ND	1.6	ppbv	ND	17	ug/m3	
74-83-9	94.94	Bromomethane	ND	1.6	ppbv	ND	6.2	ug/m3	
593-60-2	106.9	Bromoethene	ND	1.6	ppbv	ND	7.0	ug/m3	
100-44-7	126	Benzyl Chloride	ND	1.6	ppbv	ND	8.2	ug/m3	
75-15-0	76.14	Carbon disulfide	7.2	1.6	ppbv	22	5.0	ug/m3	
108-90-7	112.6	Chlorobenzene	ND	1.6	ppbv	ND	7.4	ug/m3	
75-00-3	64.52	Chloroethane	ND	1.6	ppbv	ND	4.2	ug/m3	
67-66-3	119.4	Chloroform	1.7	1.6	ppbv	8.3	7.8	ug/m3	
74-87-3	50.49	Chloromethane	ND	1.6	ppbv	ND	3.3	ug/m3	
107-05-1	76.53	3-Chloropropene	ND	1.6	ppbv	ND	5.0	ug/m3	
95-49-8	126.6	2-Chlorotoluene	ND	1.6	ppbv	ND	8.3	ug/m3	
56-23-5	153.8	Carbon tetrachloride	ND	1.6	ppbv	ND	10	ug/m3	
110-82-7	84.16	Cyclohexane	ND	1.6	ppbv	ND	5.5	ug/m3	
75-34-3	98.96	1,1-Dichloroethane	ND	1.6	ppbv	ND	6.5	ug/m3	
75-35-4	96.94	1,1-Dichloroethylene	ND	1.6	ppbv	ND	6.3	ug/m3	
106-93-4	187.9	1,2-Dibromoethane	ND	1.6	ppbv	ND	12	ug/m3	
107-06-2	98.96	1,2-Dichloroethane	ND	1.6	ppbv	ND	6.5	ug/m3	
78-87-5	113	1,2-Dichloropropane	ND	1.6	ppbv	ND	7.4	ug/m3	
123-91-1	88.12	1,4-Dioxane	ND	1.6	ppbv	ND	5.8	ug/m3	
75-71-8	120.9	Dichlorodifluoromethane	1.2	1.6	ppbv	J	5.9	7.9	ug/m3
124-48-1	208.3	Dibromochloromethane	ND	1.6	ppbv	ND	14	ug/m3	
156-60-5	96.94	trans-1,2-Dichloroethylene	ND	1.6	ppbv	ND	6.3	ug/m3	
156-59-2	96.94	cis-1,2-Dichloroethylene	ND	1.6	ppbv	ND	6.3	ug/m3	
10061-01-5	111	cis-1,3-Dichloropropene	ND	1.6	ppbv	ND	7.3	ug/m3	
541-73-1	147	m-Dichlorobenzene	ND	1.6	ppbv	ND	9.6	ug/m3	
95-50-1	147	o-Dichlorobenzene	ND	1.6	ppbv	ND	9.6	ug/m3	
106-46-7	147	p-Dichlorobenzene	ND	1.6	ppbv	ND	9.6	ug/m3	
10061-02-6	111	trans-1,3-Dichloropropene	ND	1.6	ppbv	ND	7.3	ug/m3	

ND = Not detected

J = Indicates an estimated value

RL = Reporting Limit

B = Indicates analyte found in associated method blank

E = Indicates value exceeds calibration range

N = Indicates presumptive evidence of a compound

## Report of Analysis

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<b>Client Sample ID:</b>	SS-2	<b>Date Sampled:</b>	03/28/08
<b>Lab Sample ID:</b>	J86976-3	<b>Date Received:</b>	03/29/08
<b>Matrix:</b>	AIR - Air	<b>Summa ID:</b>	A228
<b>Method:</b>	TO-15		
<b>Project:</b>	Reckson, 50 Marcus Drive, Farmingdale, NY		

CAS No.	MW	Compound	Result	RL	Units	Q	Result	RL	Units
64-17-5	46.07	Ethanol	ND	4.0	ppbv		ND	7.5	ug/m3
100-41-4	106.2	Ethylbenzene	1.4	1.6	ppbv	J	6.1	6.9	ug/m3
141-78-6	88	Ethyl Acetate	ND	1.6	ppbv		ND	5.8	ug/m3
622-96-8	120.2	4-Ethyltoluene	ND	1.6	ppbv		ND	7.9	ug/m3
76-13-1	187.4	Freon 113	ND	1.6	ppbv		ND	12	ug/m3
76-14-2	170.9	Freon 114	ND	1.6	ppbv		ND	11	ug/m3
142-82-5	100.2	Heptane	ND	1.6	ppbv		ND	6.6	ug/m3
87-68-3	260.8	Hexachlorobutadiene	ND	1.6	ppbv		ND	17	ug/m3
110-54-3	86.17	Hexane	ND	1.6	ppbv		ND	5.6	ug/m3
591-78-6	100	2-Hexanone	ND	1.6	ppbv		ND	6.5	ug/m3
67-63-0	60.1	Isopropyl Alcohol	ND	1.6	ppbv		ND	3.9	ug/m3
75-09-2	84.94	Methylene chloride	ND	1.6	ppbv		ND	5.6	ug/m3
78-93-3	72.11	Methyl ethyl ketone	ND	1.6	ppbv		ND	4.7	ug/m3
108-10-1	100.2	Methyl Isobutyl Ketone	1.6	1.6	ppbv		6.6	6.6	ug/m3
1634-04-4	88.15	Methyl Tert Butyl Ether	ND	1.6	ppbv		ND	5.8	ug/m3
115-07-1	42	Propylene	2.4	4.0	ppbv	J	4.1	6.9	ug/m3
100-42-5	104.1	Styrene	ND	1.6	ppbv		ND	6.8	ug/m3
71-55-6	133.4	1,1,1-Trichloroethane	5.6	1.6	ppbv		31	8.7	ug/m3
79-34-5	167.9	1,1,2,2-Tetrachloroethane	ND	1.6	ppbv		ND	11	ug/m3
79-00-5	133.4	1,1,2-Trichloroethane	ND	1.6	ppbv		ND	8.7	ug/m3
120-82-1	181.5	1,2,4-Trichlorobenzene	ND	1.6	ppbv		ND	12	ug/m3
95-63-6	120.2	1,2,4-Trimethylbenzene	3.9	1.6	ppbv		19	7.9	ug/m3
108-67-8	120.2	1,3,5-Trimethylbenzene	1.0	1.6	ppbv	J	4.9	7.9	ug/m3
540-84-1	114.2	2,2,4-Trimethylpentane	ND	1.6	ppbv		ND	7.5	ug/m3
75-65-0	74.12	Tertiary Butyl Alcohol	10.5	1.6	ppbv		31.8	4.9	ug/m3
127-18-4	165.8	Tetrachloroethylene	403 <sup>a</sup>	4.0	ppbv		2730 <sup>a</sup>	27	ug/m3
109-99-9	72.11	Tetrahydrofuran	ND	1.6	ppbv		ND	4.7	ug/m3
108-88-3	92.14	Toluene	4.3	1.6	ppbv		16	6.0	ug/m3
79-01-6	131.4	Trichloroethylene	1.7	1.6	ppbv		9.1	8.6	ug/m3
75-69-4	137.4	Trichlorofluoromethane	ND	1.6	ppbv		ND	9.0	ug/m3
75-01-4	62.5	Vinyl chloride	ND	1.6	ppbv		ND	4.1	ug/m3
108-05-4	86	Vinyl Acetate	ND	1.6	ppbv		ND	5.6	ug/m3
	106.2	m,p-Xylene	6.2	1.6	ppbv		27	6.9	ug/m3
95-47-6	106.2	o-Xylene	2.3	1.6	ppbv		10	6.9	ug/m3
1330-20-7	106.2	Xylenes (total)	8.5	1.6	ppbv		37	6.9	ug/m3

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
460-00-4	4-Bromofluorobenzene	103%	98%	78-124%

ND = Not detected

J = Indicates an estimated value

RL = Reporting Limit

B = Indicates analyte found in associated method blank

E = Indicates value exceeds calibration range

N = Indicates presumptive evidence of a compound

Accutest Laboratories

## Report of Analysis

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<b>Client Sample ID:</b>	SS-2	<b>Date Sampled:</b>	03/28/08
<b>Lab Sample ID:</b>	J86976-3	<b>Date Received:</b>	03/29/08
<b>Matrix:</b>	AIR - Air	<b>Percent Solids:</b>	n/a
<b>Method:</b>	TO-15		
<b>Project:</b>	Reckson, 50 Marcus Drive, Farmingdale, NY		

CAS No.	MW	Compound	Result	RL	Units	Q	Result	RL	Units
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(a) Result is from Run# 2

ND = Not detected  
 RL = Reporting Limit  
 E = Indicates value exceeds calibration range

J = Indicates an estimated value  
 B = Indicates analyte found in associated method blank  
 N = Indicates presumptive evidence of a compound

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## Report of Analysis

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Client Sample ID:	SS-1	Date Sampled:	03/28/08
Lab Sample ID:	J86976-4	Date Received:	03/29/08
Matrix:	AIR - Air	Summa ID:	A292,A570
Method:	TO-15	Percent Solids:	n/a
Project:	Reckson, 50 Marcus Drive, Farmingdale, NY		

Run #	File ID	DF	Analyzed By	Prep Date	Prep Batch	Analytical Batch
Run #1	2W17452.D	23	04/11/08 BR	n/a	n/a	V2W759
Run #2	2W17453.D	23	04/11/08 BR	n/a	n/a	V2W759

Run #	Initial Volume
Run #1	400 ml
Run #2	80.0 ml

CAS No.	MW	Compound	Result	RL	Units	Q	Result	RL	Units
67-64-1	58.08	Acetone	16.4	4.6	ppbv		39.0	11	ug/m3
106-99-0	54.09	1,3-Butadiene	ND	4.6	ppbv		ND	10	ug/m3
71-43-2	78.11	Benzene	ND	4.6	ppbv		ND	15	ug/m3
75-27-4	163.8	Bromodichloromethane	ND	4.6	ppbv		ND	31	ug/m3
75-25-2	252.8	Bromoform	ND	4.6	ppbv		ND	48	ug/m3
74-83-9	94.94	Bromomethane	ND	4.6	ppbv		ND	18	ug/m3
593-60-2	106.9	Bromoethene	ND	4.6	ppbv		ND	20	ug/m3
100-44-7	126	Benzyl Chloride	ND	4.6	ppbv		ND	24	ug/m3
75-15-0	76.14	Carbon disulfide	ND	4.6	ppbv		ND	14	ug/m3
108-90-7	112.6	Chlorobenzene	ND	4.6	ppbv		ND	21	ug/m3
75-00-3	64.52	Chloroethane	ND	4.6	ppbv		ND	12	ug/m3
67-66-3	119.4	Chloroform	ND	4.6	ppbv		ND	22	ug/m3
74-87-3	50.49	Chloromethane	ND	4.6	ppbv		ND	9.5	ug/m3
107-05-1	76.53	3-Chloropropene	ND	4.6	ppbv		ND	14	ug/m3
95-49-8	126.6	2-Chlorotoluene	ND	4.6	ppbv		ND	24	ug/m3
56-23-5	153.8	Carbon tetrachloride	ND	4.6	ppbv		ND	29	ug/m3
110-82-7	84.16	Cyclohexane	ND	4.6	ppbv		ND	16	ug/m3
75-34-3	98.96	1,1-Dichloroethane	ND	4.6	ppbv		ND	19	ug/m3
75-35-4	96.94	1,1-Dichloroethylene	ND	4.6	ppbv		ND	18	ug/m3
106-93-4	187.9	1,2-Dibromoethane	ND	4.6	ppbv		ND	35	ug/m3
107-06-2	98.96	1,2-Dichloroethane	ND	4.6	ppbv		ND	19	ug/m3
78-87-5	113	1,2-Dichloropropane	ND	4.6	ppbv		ND	21	ug/m3
123-91-1	88.12	1,4-Dioxane	ND	4.6	ppbv		ND	17	ug/m3
75-71-8	120.9	Dichlorodifluoromethane	ND	4.6	ppbv		ND	23	ug/m3
124-48-1	208.3	Dibromochloromethane	ND	4.6	ppbv		ND	39	ug/m3
156-60-5	96.94	trans-1,2-Dichloroethylene	ND	4.6	ppbv		ND	18	ug/m3
156-59-2	96.94	cis-1,2-Dichloroethylene	ND	4.6	ppbv		ND	18	ug/m3
10061-01-5	111	cis-1,3-Dichloropropene	ND	4.6	ppbv		ND	21	ug/m3
541-73-1	147	m-Dichlorobenzene	ND	4.6	ppbv		ND	28	ug/m3
95-50-1	147	o-Dichlorobenzene	ND	4.6	ppbv		ND	28	ug/m3
106-46-7	147	p-Dichlorobenzene	ND	4.6	ppbv		ND	28	ug/m3
10061-02-6	111	trans-1,3-Dichloropropene	ND	4.6	ppbv		ND	21	ug/m3

ND = Not detected

J = Indicates an estimated value

RL = Reporting Limit

B = Indicates analyte found in associated method blank

E = Indicates value exceeds calibration range

N = Indicates presumptive evidence of a compound

## Report of Analysis

Page 2 of 3

**Client Sample ID:** SS-1  
**Lab Sample ID:** J86976-4  
**Matrix:** AIR - Air      **Summa ID:** A292,A570  
**Method:** TO-15  
**Project:** Reckson, 50 Marcus Drive, Farmingdale, NY

CAS No.	MW	Compound	Result	RL	Units	Q	Result	RL	Units
64-17-5	46.07	Ethanol	ND	12	ppbv	ND	23	ug/m3	
100-41-4	106.2	Ethylbenzene	ND	4.6	ppbv	ND	20	ug/m3	
141-78-6	88	Ethyl Acetate	ND	4.6	ppbv	ND	17	ug/m3	
622-96-8	120.2	4-Ethyltoluene	ND	4.6	ppbv	ND	23	ug/m3	
76-13-1	187.4	Freon 113	ND	4.6	ppbv	ND	35	ug/m3	
76-14-2	170.9	Freon 114	ND	4.6	ppbv	ND	32	ug/m3	
142-82-5	100.2	Heptane	ND	4.6	ppbv	ND	19	ug/m3	
87-68-3	260.8	Hexachlorobutadiene	ND	4.6	ppbv	ND	49	ug/m3	
110-54-3	86.17	Hexane	ND	4.6	ppbv	ND	16	ug/m3	
591-78-6	100	2-Hexanone	ND	4.6	ppbv	ND	19	ug/m3	
67-63-0	60.1	Isopropyl Alcohol	ND	4.6	ppbv	ND	11	ug/m3	
75-09-2	84.94	Methylene chloride	ND	4.6	ppbv	ND	16	ug/m3	
78-93-3	72.11	Methyl ethyl ketone	ND	4.6	ppbv	ND	14	ug/m3	
108-10-1	100.2	Methyl Isobutyl Ketone	ND	4.6	ppbv	ND	19	ug/m3	
1634-04-4	88.15	Methyl Tert Butyl Ether	ND	4.6	ppbv	ND	17	ug/m3	
115-07-1	42	Propylene	13.7	12	ppbv	23.5	21	ug/m3	
100-42-5	104.1	Styrene	ND	4.6	ppbv	ND	20	ug/m3	
71-55-6	133.4	1,1,1-Trichloroethane	ND	4.6	ppbv	ND	25	ug/m3	
79-34-5	167.9	1,1,2,2-Tetrachloroethane	ND	4.6	ppbv	ND	32	ug/m3	
79-00-5	133.4	1,1,2-Trichloroethane	ND	4.6	ppbv	ND	25	ug/m3	
120-82-1	181.5	1,2,4-Trichlorobenzene	ND	4.6	ppbv	ND	34	ug/m3	
95-63-6	120.2	1,2,4-Trimethylbenzene	3.8	4.6	ppbv	J 19	23	ug/m3	
108-67-8	120.2	1,3,5-Trimethylbenzene	ND	4.6	ppbv	ND	23	ug/m3	
540-84-1	114.2	2,2,4-Trimethylpentane	ND	4.6	ppbv	ND	21	ug/m3	
75-65-0	74.12	Tertiary Butyl Alcohol	7.0	4.6	ppbv	21	14	ug/m3	
127-18-4	165.8	Tetrachloroethylene	1600 <sup>a</sup>	23	ppbv	10800 <sup>a</sup>	160	ug/m3	
109-99-9	72.11	Tetrahydrofuran	ND	4.6	ppbv	ND	14	ug/m3	
108-88-3	92.14	Toluene	4.9	4.6	ppbv	18	17	ug/m3	
79-01-6	131.4	Trichloroethylene	9.5	4.6	ppbv	51	25	ug/m3	
75-69-4	137.4	Trichlorofluoromethane	3.2	4.6	ppbv	J 18	26	ug/m3	
75-01-4	62.5	Vinyl chloride	ND	4.6	ppbv	ND	12	ug/m3	
108-05-4	86	Vinyl Acetate	ND	4.6	ppbv	ND	16	ug/m3	
	106.2	m,p-Xylene	7.5	4.6	ppbv	33	20	ug/m3	
95-47-6	106.2	o-Xylene	2.5	4.6	ppbv	J 11	20	ug/m3	
1330-20-7	106.2	Xylenes (total)	9.9	4.6	ppbv	43	20	ug/m3	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
460-00-4	4-Bromofluorobenzene	96%	96%	78-124%

ND = Not detected

J = Indicates an estimated value

RL = Reporting Limit

B = Indicates analyte found in associated method blank

E = Indicates value exceeds calibration range

N = Indicates presumptive evidence of a compound

Accutest Laboratories

## Report of Analysis

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<b>Client Sample ID:</b>	SS-1	<b>Date Sampled:</b>	03/28/08
<b>Lab Sample ID:</b>	J86976-4	<b>Date Received:</b>	03/29/08
<b>Matrix:</b>	AIR - Air	<b>Summa ID:</b>	A292,A570
<b>Method:</b>	TO-15	<b>Percent Solids:</b>	n/a
<b>Project:</b>	Reckson, 50 Marcus Drive, Farmingdale, NY		

CAS No.	MW	Compound	Result	RL	Units	Q	Result	RL	Units
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(a) Result is from Run# 2

ND = Not detected  
 RL = Reporting Limit  
 E = Indicates value exceeds calibration range

J = Indicates an estimated value  
 B = Indicates analyte found in associated method blank  
 N = Indicates presumptive evidence of a compound

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## Report of Analysis

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<b>Client Sample ID:</b>	A-1	<b>Date Sampled:</b>	03/28/08
<b>Lab Sample ID:</b>	J86976-5	<b>Date Received:</b>	03/29/08
<b>Matrix:</b>	AIR - Air	<b>Summa ID:</b>	A363
<b>Method:</b>	TO-15	<b>Percent Solids:</b>	n/a
<b>Project:</b>	Reckson, 50 Marcus Drive, Farmingdale, NY		

Run #1	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	2W17454.D	1	04/11/08	BR	n/a	n/a	V2W759
Run #2							

Run #1	Initial Volume
Run #1	400 ml
Run #2	

CAS No.	MW	Compound	Result	RL	Units	Q	Result	RL	Units
67-64-1	58.08	Acetone	4.0	0.20	ppbv	9.5	0.48	ug/m3	
106-99-0	54.09	1,3-Butadiene	ND	0.20	ppbv	ND	0.44	ug/m3	
71-43-2	78.11	Benzene	0.23	0.20	ppbv	0.73	0.64	ug/m3	
75-27-4	163.8	Bromodichloromethane	ND	0.20	ppbv	ND	1.3	ug/m3	
75-25-2	252.8	Bromoform	ND	0.20	ppbv	ND	2.1	ug/m3	
74-83-9	94.94	Bromomethane	ND	0.20	ppbv	ND	0.78	ug/m3	
593-60-2	106.9	Bromoethene	ND	0.20	ppbv	ND	0.87	ug/m3	
100-44-7	126	Benzyl Chloride	ND	0.20	ppbv	ND	1.0	ug/m3	
75-15-0	76.14	Carbon disulfide	ND	0.20	ppbv	ND	0.62	ug/m3	
108-90-7	112.6	Chlorobenzene	ND	0.20	ppbv	ND	0.92	ug/m3	
75-00-3	64.52	Chloroethane	ND	0.20	ppbv	ND	0.53	ug/m3	
67-66-3	119.4	Chloroform	ND	0.20	ppbv	ND	0.98	ug/m3	
74-87-3	50.49	Chloromethane	0.50	0.20	ppbv	1.0	0.41	ug/m3	
107-05-1	76.53	3-Chloropropene	ND	0.20	ppbv	ND	0.63	ug/m3	
95-49-8	126.6	2-Chlorotoluene	ND	0.20	ppbv	ND	1.0	ug/m3	
56-23-5	153.8	Carbon tetrachloride	ND	0.20	ppbv	ND	1.3	ug/m3	
110-82-7	84.16	Cyclohexane	ND	0.20	ppbv	ND	0.69	ug/m3	
75-34-3	98.96	1,1-Dichloroethane	ND	0.20	ppbv	ND	0.81	ug/m3	
75-35-4	96.94	1,1-Dichloroethylene	ND	0.20	ppbv	ND	0.79	ug/m3	
106-93-4	187.9	1,2-Dibromoethane	ND	0.20	ppbv	ND	1.5	ug/m3	
107-06-2	98.96	1,2-Dichloroethane	ND	0.20	ppbv	ND	0.81	ug/m3	
78-87-5	113	1,2-Dichloropropane	ND	0.20	ppbv	ND	0.92	ug/m3	
123-91-1	88.12	1,4-Dioxane	ND	0.20	ppbv	ND	0.72	ug/m3	
75-71-8	120.9	Dichlorodifluoromethane	0.78	0.20	ppbv	3.9	0.99	ug/m3	
124-48-1	208.3	Dibromochloromethane	ND	0.20	ppbv	ND	1.7	ug/m3	
156-60-5	96.94	trans-1,2-Dichloroethylene	ND	0.20	ppbv	ND	0.79	ug/m3	
156-59-2	96.94	cis-1,2-Dichloroethylene	ND	0.20	ppbv	ND	0.79	ug/m3	
10061-01-5	111	cis-1,3-Dichloropropene	ND	0.20	ppbv	ND	0.91	ug/m3	
541-73-1	147	m-Dichlorobenzene	ND	0.20	ppbv	ND	1.2	ug/m3	
95-50-1	147	o-Dichlorobenzene	ND	0.20	ppbv	ND	1.2	ug/m3	
106-46-7	147	p-Dichlorobenzene	ND	0.20	ppbv	ND	1.2	ug/m3	
10061-02-6	111	trans-1,3-Dichloropropene	ND	0.20	ppbv	ND	0.91	ug/m3	

ND = Not detected

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Accutest Laboratories

## Report of Analysis

Page 2 of 2

<b>Client Sample ID:</b>	A-1	<b>Date Sampled:</b>	03/28/08
<b>Lab Sample ID:</b>	J86976-5	<b>Date Received:</b>	03/29/08
<b>Matrix:</b>	AIR - Air	<b>Summa ID:</b>	A363
<b>Method:</b>	TO-15	<b>Percent Solids:</b>	n/a
<b>Project:</b> Reckson, 50 Marcus Drive, Farmingdale, NY			

CAS No.	MW	Compound	Result	RL	Units	Q	Result	RL	Units
64-17-5	46.07	Ethanol	12.8	0.50	ppbv		24.1	0.94	ug/m <sup>3</sup>
100-41-4	106.2	Ethylbenzene	ND	0.20	ppbv		ND	0.87	ug/m <sup>3</sup>
141-78-6	88	Ethyl Acetate	ND	0.20	ppbv		ND	0.72	ug/m <sup>3</sup>
622-96-8	120.2	4-Ethyltoluene	ND	0.20	ppbv		ND	0.98	ug/m <sup>3</sup>
76-13-1	187.4	Freon 113	ND	0.20	ppbv		ND	1.5	ug/m <sup>3</sup>
76-14-2	170.9	Freon 114	ND	0.20	ppbv		ND	1.4	ug/m <sup>3</sup>
142-82-5	100.2	Heptane	0.28	0.20	ppbv		1.1	0.82	ug/m <sup>3</sup>
87-68-3	260.8	Hexachlorobutadiene	ND	0.20	ppbv		ND	2.1	ug/m <sup>3</sup>
110-54-3	86.17	Hexane	ND	0.20	ppbv		ND	0.70	ug/m <sup>3</sup>
591-78-6	100	2-Hexanone	ND	0.20	ppbv		ND	0.82	ug/m <sup>3</sup>
67-63-0	60.1	Isopropyl Alcohol	5.6	0.20	ppbv		14	0.49	ug/m <sup>3</sup>
75-09-2	84.94	Methylene chloride	0.17	0.20	ppbv	J	0.59	0.69	ug/m <sup>3</sup>
78-93-3	72.11	Methyl ethyl ketone	0.45	0.20	ppbv		1.3	0.59	ug/m <sup>3</sup>
108-10-1	100.2	Methyl Isobutyl Ketone	ND	0.20	ppbv		ND	0.82	ug/m <sup>3</sup>
1634-04-4	88.15	Methyl Tert Butyl Ether	ND	0.20	ppbv		ND	0.72	ug/m <sup>3</sup>
115-07-1	42	Propylene	ND	0.50	ppbv		ND	0.86	ug/m <sup>3</sup>
100-42-5	104.1	Styrene	ND	0.20	ppbv		ND	0.85	ug/m <sup>3</sup>
71-55-6	133.4	1,1,1-Trichloroethane	ND	0.20	ppbv		ND	1.1	ug/m <sup>3</sup>
79-34-5	167.9	1,1,2,2-Tetrachloroethane	ND	0.20	ppbv		ND	1.4	ug/m <sup>3</sup>
79-00-5	133.4	1,1,2-Trichloroethane	ND	0.20	ppbv		ND	1.1	ug/m <sup>3</sup>
120-82-1	181.5	1,2,4-Trichlorobenzene	ND	0.20	ppbv		ND	1.5	ug/m <sup>3</sup>
95-63-6	120.2	1,2,4-Trimethylbenzene	ND	0.20	ppbv		ND	0.98	ug/m <sup>3</sup>
108-67-8	120.2	1,3,5-Trimethylbenzene	ND	0.20	ppbv		ND	0.98	ug/m <sup>3</sup>
540-84-1	114.2	2,2,4-Trimethylpentane	ND	0.20	ppbv		ND	0.93	ug/m <sup>3</sup>
75-65-0	74.12	Tertiary Butyl Alcohol	ND	0.20	ppbv		ND	0.61	ug/m <sup>3</sup>
127-18-4	165.8	Tetrachloroethylene	0.15	0.20	ppbv	J	1.0	1.4	ug/m <sup>3</sup>
109-99-9	72.11	Tetrahydrofuran	ND	0.20	ppbv		ND	0.59	ug/m <sup>3</sup>
108-88-3	92.14	Toluene	0.62	0.20	ppbv		2.3	0.75	ug/m <sup>3</sup>
79-01-6	131.4	Trichloroethylene	ND	0.20	ppbv		ND	1.1	ug/m <sup>3</sup>
75-69-4	137.4	Trichlorofluoromethane	0.36	0.20	ppbv		2.0	1.1	ug/m <sup>3</sup>
75-01-4	62.5	Vinyl chloride	ND	0.20	ppbv		ND	0.51	ug/m <sup>3</sup>
108-05-4	86	Vinyl Acetate	ND	0.20	ppbv		ND	0.70	ug/m <sup>3</sup>
	106.2	m,p-Xylene	0.20	0.20	ppbv		0.87	0.87	ug/m <sup>3</sup>
95-47-6	106.2	o-Xylene	ND	0.20	ppbv		ND	0.87	ug/m <sup>3</sup>
1330-20-7	106.2	Xylenes (total)	0.20	0.20	ppbv		0.87	0.87	ug/m <sup>3</sup>

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
460-00-4	4-Bromofluorobenzene	96%		78-124%

ND = Not detected

J = Indicates an estimated value

RL = Reporting Limit

B = Indicates analyte found in associated method blank

E = Indicates value exceeds calibration range

N = Indicates presumptive evidence of a compound

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## Report of Analysis

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**Client Sample ID:** A-4  
**Lab Sample ID:** J86976-6  
**Matrix:** AIR - Air      **Summa ID:** A094  
**Method:** TO-15  
**Project:** Reckson, 50 Marcus Drive, Farmingdale, NY

**Date Sampled:** 03/28/08**Date Received:** 03/29/08**Percent Solids:** n/a

Run #1	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #2	2W17455.D	1	04/11/08	BR	n/a	n/a	V2W759

Initial Volume
Run #1      400 ml
Run #2

CAS No.	MW	Compound	Result	RL	Units	Q	Result	RL	Units
67-64-1	58.08	Acetone	3.6	0.20	ppbv		8.6	0.48	ug/m3
106-99-0	54.09	1,3-Butadiene	ND	0.20	ppbv		ND	0.44	ug/m3
71-43-2	78.11	Benzene	0.22	0.20	ppbv		0.70	0.64	ug/m3
75-27-4	163.8	Bromodichloromethane	ND	0.20	ppbv		ND	1.3	ug/m3
75-25-2	252.8	Bromoform	ND	0.20	ppbv		ND	2.1	ug/m3
74-83-9	94.94	Bromomethane	ND	0.20	ppbv		ND	0.78	ug/m3
593-60-2	106.9	Bromoethene	ND	0.20	ppbv		ND	0.87	ug/m3
100-44-7	126	Benzyl Chloride	ND	0.20	ppbv		ND	1.0	ug/m3
75-15-0	76.14	Carbon disulfide	ND	0.20	ppbv		ND	0.62	ug/m3
108-90-7	112.6	Chlorobenzene	ND	0.20	ppbv		ND	0.92	ug/m3
75-00-3	64.52	Chloroethane	ND	0.20	ppbv		ND	0.53	ug/m3
67-66-3	119.4	Chloroform	ND	0.20	ppbv		ND	0.98	ug/m3
74-87-3	50.49	Chloromethane	0.61	0.20	ppbv		1.3	0.41	ug/m3
107-05-1	76.53	3-Chloropropene	ND	0.20	ppbv		ND	0.63	ug/m3
95-49-8	126.6	2-Chlorotoluene	ND	0.20	ppbv		ND	1.0	ug/m3
56-23-5	153.8	Carbon tetrachloride	ND	0.20	ppbv		ND	1.3	ug/m3
110-82-7	84.16	Cyclohexane	ND	0.20	ppbv		ND	0.69	ug/m3
75-34-3	98.96	1,1-Dichloroethane	ND	0.20	ppbv		ND	0.81	ug/m3
75-35-4	96.94	1,1-Dichloroethylene	ND	0.20	ppbv		ND	0.79	ug/m3
106-93-4	187.9	1,2-Dibromoethane	ND	0.20	ppbv		ND	1.5	ug/m3
107-06-2	98.96	1,2-Dichloroethane	ND	0.20	ppbv		ND	0.81	ug/m3
78-87-5	113	1,2-Dichloropropane	ND	0.20	ppbv		ND	0.92	ug/m3
123-91-1	88.12	1,4-Dioxane	ND	0.20	ppbv		ND	0.72	ug/m3
75-71-8	120.9	Dichlorodifluoromethane	0.70	0.20	ppbv		3.5	0.99	ug/m3
124-48-1	208.3	Dibromochloromethane	ND	0.20	ppbv		ND	1.7	ug/m3
156-60-5	96.94	trans-1,2-Dichloroethylene	ND	0.20	ppbv		ND	0.79	ug/m3
156-59-2	96.94	cis-1,2-Dichloroethylene	ND	0.20	ppbv		ND	0.79	ug/m3
10061-01-5	111	cis-1,3-Dichloropropene	ND	0.20	ppbv		ND	0.91	ug/m3
541-73-1	147	m-Dichlorobenzene	ND	0.20	ppbv		ND	1.2	ug/m3
95-50-1	147	o-Dichlorobenzene	ND	0.20	ppbv		ND	1.2	ug/m3
106-46-7	147	p-Dichlorobenzene	ND	0.20	ppbv		ND	1.2	ug/m3
10061-02-6	111	trans-1,3-Dichloropropene	ND	0.20	ppbv		ND	0.91	ug/m3

ND = Not detected

J = Indicates an estimated value

RL = Reporting Limit

B = Indicates analyte found in associated method blank

E = Indicates value exceeds calibration range

N = Indicates presumptive evidence of a compound

Accutest Laboratories

## Report of Analysis

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<b>Client Sample ID:</b>	A-4	<b>Date Sampled:</b>	03/28/08
<b>Lab Sample ID:</b>	J86976-6	<b>Date Received:</b>	03/29/08
<b>Matrix:</b>	AIR - Air	<b>Summa ID:</b>	A094
<b>Method:</b>	TO-15	<b>Percent Solids:</b>	n/a
<b>Project:</b>	Reckson, 50 Marcus Drive, Farmingdale, NY		

CAS No.	MW	Compound	Result	RL	Units	Q	Result	RL	Units
64-17-5	46.07	Ethanol	9.5	0.50	ppbv	18	0.94	ug/m3	
100-41-4	106.2	Ethylbenzene	ND	0.20	ppbv	ND	0.87	ug/m3	
141-78-6	88	Ethyl Acetate	ND	0.20	ppbv	ND	0.72	ug/m3	
622-96-8	120.2	4-Ethyltoluene	ND	0.20	ppbv	ND	0.98	ug/m3	
76-13-1	187.4	Freon 113	ND	0.20	ppbv	ND	1.5	ug/m3	
76-14-2	170.9	Freon 114	ND	0.20	ppbv	ND	1.4	ug/m3	
142-82-5	100.2	Heptane	ND	0.20	ppbv	ND	0.82	ug/m3	
87-68-3	260.8	Hexachlorobutadiene	ND	0.20	ppbv	ND	2.1	ug/m3	
110-54-3	86.17	Hexane	ND	0.20	ppbv	ND	0.70	ug/m3	
591-78-6	100	2-Hexanone	ND	0.20	ppbv	ND	0.82	ug/m3	
67-63-0	60.1	Isopropyl Alcohol	3.1	0.20	ppbv	7.6	0.49	ug/m3	
75-09-2	84.94	Methylene chloride	0.20	0.20	ppbv	0.69	0.69	ug/m3	
78-93-3	72.11	Methyl ethyl ketone	0.32	0.20	ppbv	0.94	0.59	ug/m3	
108-10-1	100.2	Methyl Isobutyl Ketone	ND	0.20	ppbv	ND	0.82	ug/m3	
1634-04-4	88.15	Methyl Tert Butyl Ether	ND	0.20	ppbv	ND	0.72	ug/m3	
115-07-1	42	Propylene	ND	0.50	ppbv	ND	0.86	ug/m3	
100-42-5	104.1	Styrene	ND	0.20	ppbv	ND	0.85	ug/m3	
71-55-6	133.4	1,1,1-Trichloroethane	ND	0.20	ppbv	ND	1.1	ug/m3	
79-34-5	167.9	1,1,2,2-Tetrachloroethane	ND	0.20	ppbv	ND	1.4	ug/m3	
79-00-5	133.4	1,1,2-Trichloroethane	ND	0.20	ppbv	ND	1.1	ug/m3	
120-82-1	181.5	1,2,4-Trichlorobenzene	ND	0.20	ppbv	ND	1.5	ug/m3	
95-63-6	120.2	1,2,4-Trimethylbenzene	ND	0.20	ppbv	ND	0.98	ug/m3	
108-67-8	120.2	1,3,5-Trimethylbenzene	ND	0.20	ppbv	ND	0.98	ug/m3	
540-84-1	114.2	2,2,4-Trimethylpentane	ND	0.20	ppbv	ND	0.93	ug/m3	
75-65-0	74.12	Tertiary Butyl Alcohol	ND	0.20	ppbv	ND	0.61	ug/m3	
127-18-4	165.8	Tetrachloroethylene	0.13	0.20	ppbv	J	0.88	1.4	ug/m3
109-99-9	72.11	Tetrahydrofuran	ND	0.20	ppbv	ND	0.59	ug/m3	
108-88-3	92.14	Toluene	0.59	0.20	ppbv	2.2	0.75	ug/m3	
79-01-6	131.4	Trichloroethylene	ND	0.20	ppbv	ND	1.1	ug/m3	
75-69-4	137.4	Trichlorofluoromethane	0.35	0.20	ppbv	2.0	1.1	ug/m3	
75-01-4	62.5	Vinyl chloride	ND	0.20	ppbv	ND	0.51	ug/m3	
108-05-4	86	Vinyl Acetate	ND	0.20	ppbv	ND	0.70	ug/m3	
	106.2	m,p-Xylene	0.21	0.20	ppbv	0.91	0.87	ug/m3	
95-47-6	106.2	o-Xylene	ND	0.20	ppbv	ND	0.87	ug/m3	
1330-20-7	106.2	Xylenes (total)	0.21	0.20	ppbv	0.91	0.87	ug/m3	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
460-00-4	4-Bromofluorobenzene	98%		78-124%

ND = Not detected

J = Indicates an estimated value

RL = Reporting Limit

B = Indicates analyte found in associated method blank

E = Indicates value exceeds calibration range

N = Indicates presumptive evidence of a compound

## Report of Analysis

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<b>Client Sample ID:</b>	SS-5	<b>Date Sampled:</b>	03/28/08
<b>Lab Sample ID:</b>	J86976-7	<b>Date Received:</b>	03/29/08
<b>Matrix:</b>	AIR - Air	<b>Summa ID:</b>	A770
<b>Method:</b>	TO-15	<b>Percent Solids:</b>	n/a

Project: Reckson, 50 Marcus Drive, Farmingdale, NY

Run #1	File ID 2W17457.D	DF 1	Analyzed 04/11/08	By BR	Prep Date n/a	Prep Batch n/a	Analytical Batch V2W759
Run #2							

Run #1	Initial Volume 50.0 ml
Run #2	

CAS No.	MW	Compound	Result	RL	Units	Q	Result	RL	Units
67-64-1	58.08	Acetone	7.4	1.6	ppbv		18	3.8	ug/m3
106-99-0	54.09	1,3-Butadiene	ND	1.6	ppbv		ND	3.5	ug/m3
71-43-2	78.11	Benzene	ND	1.6	ppbv		ND	5.1	ug/m3
75-27-4	163.8	Bromodichloromethane	ND	1.6	ppbv		ND	11	ug/m3
75-25-2	252.8	Bromoform	ND	1.6	ppbv		ND	17	ug/m3
74-83-9	94.94	Bromomethane	ND	1.6	ppbv		ND	6.2	ug/m3
593-60-2	106.9	Bromoethene	ND	1.6	ppbv		ND	7.0	ug/m3
100-44-7	126	Benzyl Chloride	ND	1.6	ppbv		ND	8.2	ug/m3
75-15-0	76.14	Carbon disulfide	ND	1.6	ppbv		ND	5.0	ug/m3
108-90-7	112.6	Chlorobenzene	ND	1.6	ppbv		ND	7.4	ug/m3
75-00-3	64.52	Chloroethane	ND	1.6	ppbv		ND	4.2	ug/m3
67-66-3	119.4	Chloroform	ND	1.6	ppbv		ND	7.8	ug/m3
74-87-3	50.49	Chloromethane	ND	1.6	ppbv		ND	3.3	ug/m3
107-05-1	76.53	3-Chloropropene	ND	1.6	ppbv		ND	5.0	ug/m3
95-49-8	126.6	2-Chlorotoluene	ND	1.6	ppbv		ND	8.3	ug/m3
56-23-5	153.8	Carbon tetrachloride	ND	1.6	ppbv		ND	10	ug/m3
110-82-7	84.16	Cyclohexane	ND	1.6	ppbv		ND	5.5	ug/m3
75-34-3	98.96	1,1-Dichloroethane	ND	1.6	ppbv		ND	6.5	ug/m3
75-35-4	96.94	1,1-Dichloroethylene	ND	1.6	ppbv		ND	6.3	ug/m3
106-93-4	187.9	1,2-Dibromoethane	ND	1.6	ppbv		ND	12	ug/m3
107-06-2	98.96	1,2-Dichloroethane	ND	1.6	ppbv		ND	6.5	ug/m3
78-87-5	113	1,2-Dichloropropane	ND	1.6	ppbv		ND	7.4	ug/m3
123-91-1	88.12	1,4-Dioxane	ND	1.6	ppbv		ND	5.8	ug/m3
75-71-8	120.9	Dichlorodifluoromethane	0.95	1.6	ppbv	J	4.7	7.9	ug/m3
124-48-1	208.3	Dibromochloromethane	ND	1.6	ppbv		ND	14	ug/m3
156-60-5	96.94	trans-1,2-Dichloroethylene	ND	1.6	ppbv		ND	6.3	ug/m3
156-59-2	96.94	cis-1,2-Dichloroethylene	ND	1.6	ppbv		ND	6.3	ug/m3
10061-01-5	111	cis-1,3-Dichloropropene	ND	1.6	ppbv		ND	7.3	ug/m3
541-73-1	147	m-Dichlorobenzene	ND	1.6	ppbv		ND	9.6	ug/m3
95-50-1	147	o-Dichlorobenzene	ND	1.6	ppbv		ND	9.6	ug/m3
106-46-7	147	p-Dichlorobenzene	ND	1.6	ppbv		ND	9.6	ug/m3
10061-02-6	111	trans-1,3-Dichloropropene	ND	1.6	ppbv		ND	7.3	ug/m3

ND = Not detected

J = Indicates an estimated value

RL = Reporting Limit

B = Indicates analyte found in associated method blank

E = Indicates value exceeds calibration range

N = Indicates presumptive evidence of a compound

Accutest Laboratories

## Report of Analysis

Page 2 of 2

<b>Client Sample ID:</b>	SS-5	<b>Date Sampled:</b>	03/28/08
<b>Lab Sample ID:</b>	J86976-7	<b>Date Received:</b>	03/29/08
<b>Matrix:</b>	AIR - Air	<b>Summa ID:</b>	A770
<b>Method:</b>	TO-15	<b>Percent Solids:</b>	n/a
<b>Project:</b> Reckson, 50 Marcus Drive, Farmingdale, NY			

CAS No.	MW	Compound	Result	RL	Units	Q	Result	RL	Units
64-17-5	46.07	Ethanol	ND	4.0	ppbv		ND	7.5	ug/m <sup>3</sup>
100-41-4	106.2	Ethylbenzene	0.89	1.6	ppbv	J	3.9	6.9	ug/m <sup>3</sup>
141-78-6	88	Ethyl Acetate	ND	1.6	ppbv		ND	5.8	ug/m <sup>3</sup>
622-96-8	120.2	4-Ethyltoluene	ND	1.6	ppbv		ND	7.9	ug/m <sup>3</sup>
76-13-1	187.4	Freon 113	ND	1.6	ppbv		ND	12	ug/m <sup>3</sup>
76-14-2	170.9	Freon 114	ND	1.6	ppbv		ND	11	ug/m <sup>3</sup>
142-82-5	100.2	Heptane	ND	1.6	ppbv		ND	6.6	ug/m <sup>3</sup>
87-68-3	260.8	Hexachlorobutadiene	ND	1.6	ppbv		ND	17	ug/m <sup>3</sup>
110-54-3	86.17	Hexane	ND	1.6	ppbv		ND	5.6	ug/m <sup>3</sup>
591-78-6	100	2-Hexanone	ND	1.6	ppbv		ND	6.5	ug/m <sup>3</sup>
67-63-0	60.1	Isopropyl Alcohol	ND	1.6	ppbv		ND	3.9	ug/m <sup>3</sup>
75-09-2	84.94	Methylene chloride	ND	1.6	ppbv		ND	5.6	ug/m <sup>3</sup>
78-93-3	72.11	Methyl ethyl ketone	ND	1.6	ppbv		ND	4.7	ug/m <sup>3</sup>
108-10-1	100.2	Methyl Isobutyl Ketone	ND	1.6	ppbv		ND	6.6	ug/m <sup>3</sup>
1634-04-4	88.15	Methyl Tert Butyl Ether	ND	1.6	ppbv		ND	5.8	ug/m <sup>3</sup>
115-07-1	42	Propylene	ND	4.0	ppbv		ND	6.9	ug/m <sup>3</sup>
100-42-5	104.1	Styrene	ND	1.6	ppbv		ND	6.8	ug/m <sup>3</sup>
71-55-6	133.4	1,1,1-Trichloroethane	ND	1.6	ppbv		ND	8.7	ug/m <sup>3</sup>
79-34-5	167.9	1,1,2,2-Tetrachloroethane	ND	1.6	ppbv		ND	11	ug/m <sup>3</sup>
79-00-5	133.4	1,1,2-Trichloroethane	ND	1.6	ppbv		ND	8.7	ug/m <sup>3</sup>
120-82-1	181.5	1,2,4-Trichlorobenzene	ND	1.6	ppbv		ND	12	ug/m <sup>3</sup>
95-63-6	120.2	1,2,4-Trimethylbenzene	2.3	1.6	ppbv		11	7.9	ug/m <sup>3</sup>
108-67-8	120.2	1,3,5-Trimethylbenzene	ND	1.6	ppbv		ND	7.9	ug/m <sup>3</sup>
540-84-1	114.2	2,2,4-Trimethylpentane	ND	1.6	ppbv		ND	7.5	ug/m <sup>3</sup>
75-65-0	74.12	Tertiary Butyl Alcohol	6.0	1.6	ppbv		18	4.9	ug/m <sup>3</sup>
127-18-4	165.8	Tetrachloroethylene	94.4	1.6	ppbv		640	11	ug/m <sup>3</sup>
109-99-9	72.11	Tetrahydrofuran	ND	1.6	ppbv		ND	4.7	ug/m <sup>3</sup>
108-88-3	92.14	Toluene	2.8	1.6	ppbv		11	6.0	ug/m <sup>3</sup>
79-01-6	131.4	Trichloroethylene	3.3	1.6	ppbv		18	8.6	ug/m <sup>3</sup>
75-69-4	137.4	Trichlorofluoromethane	ND	1.6	ppbv		ND	9.0	ug/m <sup>3</sup>
75-01-4	62.5	Vinyl chloride	ND	1.6	ppbv		ND	4.1	ug/m <sup>3</sup>
108-05-4	86	Vinyl Acetate	ND	1.6	ppbv		ND	5.6	ug/m <sup>3</sup>
	106.2	m,p-Xylene	3.7	1.6	ppbv		16	6.9	ug/m <sup>3</sup>
95-47-6	106.2	o-Xylene	1.3	1.6	ppbv	J	5.6	6.9	ug/m <sup>3</sup>
1330-20-7	106.2	Xylenes (total)	4.9	1.6	ppbv		21	6.9	ug/m <sup>3</sup>

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
460-00-4	4-Bromofluorobenzene	101%		78-124%

ND = Not detected

J = Indicates an estimated value

RL = Reporting Limit

B = Indicates analyte found in associated method blank

E = Indicates value exceeds calibration range

N = Indicates presumptive evidence of a compound

Accutest Laboratories

## Report of Analysis

Page 1 of 3

<b>Client Sample ID:</b>	SS-4	<b>Date Sampled:</b>	03/28/08
<b>Lab Sample ID:</b>	J86976-8	<b>Date Received:</b>	03/29/08
<b>Matrix:</b>	AIR - Air	<b>Summa ID:</b>	A448
<b>Method:</b>	TO-15	<b>Percent Solids:</b>	n/a

**Project:** Reckson, 50 Marcus Drive, Farmingdale, NY

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	2W17465.D	1	04/11/08	BR	n/a	n/a	V2W760
Run #2	2W17466.D	1	04/11/08	BR	n/a	n/a	V2W760

	Initial Volume
Run #1	50.0 ml
Run #2	20.0 ml

CAS No.	MW	Compound	Result	RL	Units	Q	Result	RL	Units
67-64-1	58.08	Acetone	2.8	1.6	ppbv	6.7	3.8	ug/m3	
106-99-0	54.09	1,3-Butadiene	ND	1.6	ppbv	ND	3.5	ug/m3	
71-43-2	78.11	Benzene	ND	1.6	ppbv	ND	5.1	ug/m3	
75-27-4	163.8	Bromodichloromethane	ND	1.6	ppbv	ND	11	ug/m3	
75-25-2	252.8	Bromoform	ND	1.6	ppbv	ND	17	ug/m3	
74-83-9	94.94	Bromomethane	ND	1.6	ppbv	ND	6.2	ug/m3	
593-60-2	106.9	Bromoethene	ND	1.6	ppbv	ND	7.0	ug/m3	
100-44-7	126	Benzyl Chloride	ND	1.6	ppbv	ND	8.2	ug/m3	
75-15-0	76.14	Carbon disulfide	6.3	1.6	ppbv	20	5.0	ug/m3	
108-90-7	112.6	Chlorobenzene	ND	1.6	ppbv	ND	7.4	ug/m3	
75-00-3	64.52	Chloroethane	ND	1.6	ppbv	ND	4.2	ug/m3	
67-66-3	119.4	Chloroform	ND	1.6	ppbv	ND	7.8	ug/m3	
74-87-3	50.49	Chloromethane	ND	1.6	ppbv	ND	3.3	ug/m3	
107-05-1	76.53	3-Chloropropene	ND	1.6	ppbv	ND	5.0	ug/m3	
95-49-8	126.6	2-Chlorotoluene	ND	1.6	ppbv	ND	8.3	ug/m3	
56-23-5	153.8	Carbon tetrachloride	ND	1.6	ppbv	ND	10	ug/m3	
110-82-7	84.16	Cyclohexane	ND	1.6	ppbv	ND	5.5	ug/m3	
75-34-3	98.96	1,1-Dichloroethane	ND	1.6	ppbv	ND	6.5	ug/m3	
75-35-4	96.94	1,1-Dichloroethylene	ND	1.6	ppbv	ND	6.3	ug/m3	
106-93-4	187.9	1,2-Dibromoethane	ND	1.6	ppbv	ND	12	ug/m3	
107-06-2	98.96	1,2-Dichloroethane	ND	1.6	ppbv	ND	6.5	ug/m3	
78-87-5	113	1,2-Dichloropropane	ND	1.6	ppbv	ND	7.4	ug/m3	
123-91-1	88.12	1,4-Dioxane	ND	1.6	ppbv	ND	5.8	ug/m3	
75-71-8	120.9	Dichlorodifluoromethane	ND	1.6	ppbv	ND	7.9	ug/m3	
124-48-1	208.3	Dibromochloromethane	ND	1.6	ppbv	ND	14	ug/m3	
156-60-5	96.94	trans-1,2-Dichloroethylene	ND	1.6	ppbv	ND	6.3	ug/m3	
156-59-2	96.94	cis-1,2-Dichloroethylene	1.9	1.6	ppbv	7.5	6.3	ug/m3	
10061-01-5	111	cis-1,3-Dichloropropene	ND	1.6	ppbv	ND	7.3	ug/m3	
541-73-1	147	m-Dichlorobenzene	ND	1.6	ppbv	ND	9.6	ug/m3	
95-50-1	147	o-Dichlorobenzene	ND	1.6	ppbv	ND	9.6	ug/m3	
106-46-7	147	p-Dichlorobenzene	ND	1.6	ppbv	ND	9.6	ug/m3	
10061-02-6	111	trans-1,3-Dichloropropene	ND	1.6	ppbv	ND	7.3	ug/m3	

ND = Not detected

J = Indicates an estimated value

RL = Reporting Limit

B = Indicates analyte found in associated method blank

E = Indicates value exceeds calibration range

N = Indicates presumptive evidence of a compound

## Report of Analysis

Page 2 of 3

<b>Client Sample ID:</b>	SS-4	<b>Date Sampled:</b>	03/28/08
<b>Lab Sample ID:</b>	J86976-8	<b>Date Received:</b>	03/29/08
<b>Matrix:</b>	AIR - Air	<b>Summa ID:</b>	A448
<b>Method:</b>	TO-15	<b>Percent Solids:</b>	n/a
<b>Project:</b>	Reckson, 50 Marcus Drive, Farmingdale, NY		

CAS No.	MW	Compound	Result	RL	Units	Q	Result	RL	Units
64-17-5	46.07	Ethanol	ND	4.0	ppbv		ND	7.5	ug/m3
100-41-4	106.2	Ethylbenzene	1.1	1.6	ppbv	J	4.8	6.9	ug/m3
141-78-6	88	Ethyl Acetate	ND	1.6	ppbv		ND	5.8	ug/m3
622-96-8	120.2	4-Ethyltoluene	ND	1.6	ppbv		ND	7.9	ug/m3
76-13-1	187.4	Freon 113	ND	1.6	ppbv		ND	12	ug/m3
76-14-2	170.9	Freon 114	ND	1.6	ppbv		ND	11	ug/m3
142-82-5	100.2	Heptane	ND	1.6	ppbv		ND	6.6	ug/m3
87-68-3	260.8	Hexachlorobutadiene	ND	1.6	ppbv		ND	17	ug/m3
110-54-3	86.17	Hexane	ND	1.6	ppbv		ND	5.6	ug/m3
591-78-6	100	2-Hexanone	ND	1.6	ppbv		ND	6.5	ug/m3
67-63-0	60.1	Isopropyl Alcohol	ND	1.6	ppbv		ND	3.9	ug/m3
75-09-2	84.94	Methylene chloride	ND	1.6	ppbv		ND	5.6	ug/m3
78-93-3	72.11	Methyl ethyl ketone	ND	1.6	ppbv		ND	4.7	ug/m3
108-10-1	100.2	Methyl Isobutyl Ketone	ND	1.6	ppbv		ND	6.6	ug/m3
1634-04-4	88.15	Methyl Tert Butyl Ether	ND	1.6	ppbv		ND	5.8	ug/m3
115-07-1	42	Propylene	2.7	4.0	ppbv	J	4.6	6.9	ug/m3
100-42-5	104.1	Styrene	ND	1.6	ppbv		ND	6.8	ug/m3
71-55-6	133.4	1,1,1-Trichloroethane	2.6	1.6	ppbv		14	8.7	ug/m3
79-34-5	167.9	1,1,2,2-Tetrachloroethane	ND	1.6	ppbv		ND	11	ug/m3
79-00-5	133.4	1,1,2-Trichloroethane	ND	1.6	ppbv		ND	8.7	ug/m3
120-82-1	181.5	1,2,4-Trichlorobenzene	ND	1.6	ppbv		ND	12	ug/m3
95-63-6	120.2	1,2,4-Trimethylbenzene	3.2	1.6	ppbv		16	7.9	ug/m3
108-67-8	120.2	1,3,5-Trimethylbenzene	0.84	1.6	ppbv	J	4.1	7.9	ug/m3
540-84-1	114.2	2,2,4-Trimethylpentane	ND	1.6	ppbv		ND	7.5	ug/m3
75-65-0	74.12	Tertiary Butyl Alcohol	7.6	1.6	ppbv		23	4.9	ug/m3
127-18-4	165.8	Tetrachloroethylene	758 a	4.0	ppbv		5140 a	27	ug/m3
109-99-9	72.11	Tetrahydrofuran	ND	1.6	ppbv		ND	4.7	ug/m3
108-88-3	92.14	Toluene	3.5	1.6	ppbv		13	6.0	ug/m3
79-01-6	131.4	Trichloroethylene	72.8	1.6	ppbv		391	8.6	ug/m3
75-69-4	137.4	Trichlorofluoromethane	ND	1.6	ppbv		ND	9.0	ug/m3
75-01-4	62.5	Vinyl chloride	ND	1.6	ppbv		ND	4.1	ug/m3
108-05-4	86	Vinyl Acetate	ND	1.6	ppbv		ND	5.6	ug/m3
	106.2	m,p-Xylene	4.5	1.6	ppbv		20	6.9	ug/m3
95-47-6	106.2	o-Xylene	1.7	1.6	ppbv		7.4	6.9	ug/m3
1330-20-7	106.2	Xylenes (total)	6.2	1.6	ppbv		27	6.9	ug/m3

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
460-00-4	4-Bromofluorobenzene	94%	97%	78-124%

ND = Not detected

J = Indicates an estimated value

RL = Reporting Limit

B = Indicates analyte found in associated method blank

E = Indicates value exceeds calibration range

N = Indicates presumptive evidence of a compound

Accutest Laboratories

## Report of Analysis

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Client Sample ID:	SS-4	Date Sampled:	03/28/08
Lab Sample ID:	J86976-8	Date Received:	03/29/08
Matrix:	AIR - Air	Summa ID:	A448
Method:	TO-15	Percent Solids:	n/a
Project:	Reckson, 50 Marcus Drive, Farmingdale, NY		

CAS No.	MW	Compound	Result	RL	Units	Q	Result	RL	Units
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(a) Result is from Run# 2

ND = Not detected  
 RL = Reporting Limit  
 E = Indicates value exceeds calibration range

J = Indicates an estimated value  
 B = Indicates analyte found in associated method blank  
 N = Indicates presumptive evidence of a compound

Accutest Laboratories

## Report of Analysis

Page 1 of 2

<b>Client Sample ID:</b>	SS-3	<b>Date Sampled:</b>	03/28/08
<b>Lab Sample ID:</b>	J86976-9	<b>Date Received:</b>	03/29/08
<b>Matrix:</b>	AIR - Air	<b>Summa ID:</b>	A196
<b>Method:</b>	TO-15		
<b>Project:</b>	Reckson, 50 Marcus Drive, Farmingdale, NY		

Run #1	File ID 2W17458.D	DF 1	Analyzed 04/11/08	By BR	Prep Date n/a	Prep Batch n/a	Analytical Batch V2W759
Run #2							

Run #1	Initial Volume 50.0 ml
Run #2	

CAS No.	MW	Compound	Result	RL	Units	Q	Result	RL	Units
67-64-1	58.08	Acetone	8.2	1.6	ppbv	19	3.8	ug/m3	
106-99-0	54.09	1,3-Butadiene	ND	1.6	ppbv	ND	3.5	ug/m3	
71-43-2	78.11	Benzene	ND	1.6	ppbv	ND	5.1	ug/m3	
75-27-4	163.8	Bromodichloromethane	ND	1.6	ppbv	ND	11	ug/m3	
75-25-2	252.8	Bromoform	ND	1.6	ppbv	ND	17	ug/m3	
74-83-9	94.94	Bromomethane	ND	1.6	ppbv	ND	6.2	ug/m3	
593-60-2	106.9	Bromoethene	ND	1.6	ppbv	ND	7.0	ug/m3	
100-44-7	126	Benzyl Chloride	ND	1.6	ppbv	ND	8.2	ug/m3	
75-15-0	76.14	Carbon disulfide	ND	1.6	ppbv	ND	5.0	ug/m3	
108-90-7	112.6	Chlorobenzene	ND	1.6	ppbv	ND	7.4	ug/m3	
75-00-3	64.52	Chloroethane	ND	1.6	ppbv	ND	4.2	ug/m3	
67-66-3	119.4	Chloroform	ND	1.6	ppbv	ND	7.8	ug/m3	
74-87-3	50.49	Chloromethane	ND	1.6	ppbv	ND	3.3	ug/m3	
107-05-1	76.53	3-Chloropropene	ND	1.6	ppbv	ND	5.0	ug/m3	
95-49-8	126.6	2-Chlorotoluene	ND	1.6	ppbv	ND	8.3	ug/m3	
56-23-5	153.8	Carbon tetrachloride	ND	1.6	ppbv	ND	10	ug/m3	
110-82-7	84.16	Cyclohexane	ND	1.6	ppbv	ND	5.5	ug/m3	
75-34-3	98.96	1,1-Dichloroethane	ND	1.6	ppbv	ND	6.5	ug/m3	
75-35-4	96.94	1,1-Dichloroethylene	ND	1.6	ppbv	ND	6.3	ug/m3	
106-93-4	187.9	1,2-Dibromoethane	ND	1.6	ppbv	ND	12	ug/m3	
107-06-2	98.96	1,2-Dichloroethane	ND	1.6	ppbv	ND	6.5	ug/m3	
78-87-5	113	1,2-Dichloropropane	ND	1.6	ppbv	ND	7.4	ug/m3	
123-91-1	88.12	1,4-Dioxane	ND	1.6	ppbv	ND	5.8	ug/m3	
75-71-8	120.9	Dichlorodifluoromethane	0.88	1.6	ppbv	J	4.4	7.9	ug/m3
124-48-1	208.3	Dibromochloromethane	ND	1.6	ppbv	ND	14	ug/m3	
156-60-5	96.94	trans-1,2-Dichloroethylene	ND	1.6	ppbv	ND	6.3	ug/m3	
156-59-2	96.94	cis-1,2-Dichloroethylene	ND	1.6	ppbv	ND	6.3	ug/m3	
10061-01-5	111	cis-1,3-Dichloropropene	ND	1.6	ppbv	ND	7.3	ug/m3	
541-73-1	147	m-Dichlorobenzene	ND	1.6	ppbv	ND	9.6	ug/m3	
95-50-1	147	o-Dichlorobenzene	ND	1.6	ppbv	ND	9.6	ug/m3	
106-46-7	147	p-Dichlorobenzene	ND	1.6	ppbv	ND	9.6	ug/m3	
10061-02-6	111	trans-1,3-Dichloropropene	ND	1.6	ppbv	ND	7.3	ug/m3	

ND = Not detected

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

## Report of Analysis

Page 2 of 2

<b>Client Sample ID:</b>	SS-3	<b>Date Sampled:</b>	03/28/08
<b>Lab Sample ID:</b>	J86976-9	<b>Date Received:</b>	03/29/08
<b>Matrix:</b>	AIR - Air	<b>Summa ID:</b>	A196
<b>Method:</b>	TO-15	<b>Percent Solids:</b>	n/a

**Project:** Reckson, 50 Marcus Drive, Farmingdale, NY

CAS No.	MW	Compound	Result	RL	Units	Q	Result	RL	Units
64-17-5	46.07	Ethanol	ND	4.0	ppbv		ND	7.5	ug/m3
100-41-4	106.2	Ethylbenzene	0.89	1.6	ppbv	J	3.9	6.9	ug/m3
141-78-6	88	Ethyl Acetate	ND	1.6	ppbv		ND	5.8	ug/m3
622-96-8	120.2	4-Ethyltoluene	ND	1.6	ppbv		ND	7.9	ug/m3
76-13-1	187.4	Freon 113	ND	1.6	ppbv		ND	12	ug/m3
76-14-2	170.9	Freon 114	ND	1.6	ppbv		ND	11	ug/m3
142-82-5	100.2	Heptane	ND	1.6	ppbv		ND	6.6	ug/m3
87-68-3	260.8	Hexachlorobutadiene	ND	1.6	ppbv		ND	17	ug/m3
110-54-3	86.17	Hexane	ND	1.6	ppbv		ND	5.6	ug/m3
591-78-6	100	2-Hexanone	ND	1.6	ppbv		ND	6.5	ug/m3
67-63-0	60.1	Isopropyl Alcohol	ND	1.6	ppbv		ND	3.9	ug/m3
75-09-2	84.94	Methylene chloride	1.2	1.6	ppbv	J	4.2	5.6	ug/m3
78-93-3	72.11	Methyl ethyl ketone	ND	1.6	ppbv		ND	4.7	ug/m3
108-10-1	100.2	Methyl Isobutyl Ketone	ND	1.6	ppbv		ND	6.6	ug/m3
1634-04-4	88.15	Methyl Tert Butyl Ether	ND	1.6	ppbv		ND	5.8	ug/m3
115-07-1	42	Propylene	3.0	4.0	ppbv	J	5.2	6.9	ug/m3
100-42-5	104.1	Styrene	ND	1.6	ppbv		ND	6.8	ug/m3
71-55-6	133.4	1,1,1-Trichloroethane	2.1	1.6	ppbv		11	8.7	ug/m3
79-34-5	167.9	1,1,2,2-Tetrachloroethane	ND	1.6	ppbv		ND	11	ug/m3
79-00-5	133.4	1,1,2-Trichloroethane	ND	1.6	ppbv		ND	8.7	ug/m3
120-82-1	181.5	1,2,4-Trichlorobenzene	ND	1.6	ppbv		ND	12	ug/m3
95-63-6	120.2	1,2,4-Trimethylbenzene	2.2	1.6	ppbv		11	7.9	ug/m3
108-67-8	120.2	1,3,5-Trimethylbenzene	ND	1.6	ppbv		ND	7.9	ug/m3
540-84-1	114.2	2,2,4-Trimethylpentane	ND	1.6	ppbv		ND	7.5	ug/m3
75-65-0	74.12	Tertiary Butyl Alcohol	12.9	1.6	ppbv		39.1	4.9	ug/m3
127-18-4	165.8	Tetrachloroethylene	21.9	1.6	ppbv		149	11	ug/m3
109-99-9	72.11	Tetrahydrofuran	ND	1.6	ppbv		ND	4.7	ug/m3
108-88-3	92.14	Toluene	3.2	1.6	ppbv		12	6.0	ug/m3
79-01-6	131.4	Trichloroethylene	2.2	1.6	ppbv		12	8.6	ug/m3
75-69-4	137.4	Trichlorofluoromethane	ND	1.6	ppbv		ND	9.0	ug/m3
75-01-4	62.5	Vinyl chloride	ND	1.6	ppbv		ND	4.1	ug/m3
108-05-4	86	Vinyl Acetate	ND	1.6	ppbv		ND	5.6	ug/m3
	106.2	m,p-Xylene	3.5	1.6	ppbv		15	6.9	ug/m3
95-47-6	106.2	o-Xylene	1.3	1.6	ppbv	J	5.6	6.9	ug/m3
1330-20-7	106.2	Xylenes (total)	4.8	1.6	ppbv		21	6.9	ug/m3

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
460-00-4	4-Bromofluorobenzene	100%		78-124%

ND = Not detected

J = Indicates an estimated value

RL = Reporting Limit

B = Indicates analyte found in associated method blank

E = Indicates value exceeds calibration range

N = Indicates presumptive evidence of a compound

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## Report of Analysis

Page 1 of 2

<b>Client Sample ID:</b>	A-2	<b>Date Sampled:</b>	03/28/08
<b>Lab Sample ID:</b>	J86976-10	<b>Date Received:</b>	03/29/08
<b>Matrix:</b>	AIR - Air	<b>Summa ID:</b>	A475
<b>Method:</b>	TO-15	<b>Percent Solids:</b>	n/a

Project: Reckson, 50 Marcus Drive, Farmingdale, NY

Run #1	File ID 2W17467.D	DF 1	Analyzed 04/11/08	By BR	Prep Date n/a	Prep Batch n/a	Analytical Batch V2W760
Run #2							

Run #1	Initial Volume 400 ml
Run #2	

CAS No.	MW	Compound	Result	RL	Units	Q	Result	RL	Units
67-64-1	58.08	Acetone	3.9	0.20	ppbv	9.3	0.48	ug/m3	
106-99-0	54.09	1,3-Butadiene	ND	0.20	ppbv	ND	0.44	ug/m3	
71-43-2	78.11	Benzene	0.24	0.20	ppbv	0.77	0.64	ug/m3	
75-27-4	163.8	Bromodichloromethane	ND	0.20	ppbv	ND	1.3	ug/m3	
75-25-2	252.8	Bromoform	ND	0.20	ppbv	ND	2.1	ug/m3	
74-83-9	94.94	Bromomethane	ND	0.20	ppbv	ND	0.78	ug/m3	
593-60-2	106.9	Bromoethene	ND	0.20	ppbv	ND	0.87	ug/m3	
100-44-7	126	Benzyl Chloride	ND	0.20	ppbv	ND	1.0	ug/m3	
75-15-0	76.14	Carbon disulfide	ND	0.20	ppbv	ND	0.62	ug/m3	
108-90-7	112.6	Chlorobenzene	ND	0.20	ppbv	ND	0.92	ug/m3	
75-00-3	64.52	Chloroethane	ND	0.20	ppbv	ND	0.53	ug/m3	
67-66-3	119.4	Chloroform	ND	0.20	ppbv	ND	0.98	ug/m3	
74-87-3	50.49	Chloromethane	0.52	0.20	ppbv	1.1	0.41	ug/m3	
107-05-1	76.53	3-Chloropropene	ND	0.20	ppbv	ND	0.63	ug/m3	
95-49-8	126.6	2-Chlorotoluene	ND	0.20	ppbv	ND	1.0	ug/m3	
56-23-5	153.8	Carbon tetrachloride	ND	0.20	ppbv	ND	1.3	ug/m3	
110-82-7	84.16	Cyclohexane	0.34	0.20	ppbv	1.2	0.69	ug/m3	
75-34-3	98.96	1,1-Dichloroethane	ND	0.20	ppbv	ND	0.81	ug/m3	
75-35-4	96.94	1,1-Dichloroethylene	ND	0.20	ppbv	ND	0.79	ug/m3	
106-93-4	187.9	1,2-Dibromoethane	ND	0.20	ppbv	ND	1.5	ug/m3	
107-06-2	98.96	1,2-Dichloroethane	ND	0.20	ppbv	ND	0.81	ug/m3	
78-87-5	113	1,2-Dichloropropane	ND	0.20	ppbv	ND	0.92	ug/m3	
123-91-1	88.12	1,4-Dioxane	ND	0.20	ppbv	ND	0.72	ug/m3	
75-71-8	120.9	Dichlorodifluoromethane	0.68	0.20	ppbv	3.4	0.99	ug/m3	
124-48-1	208.3	Dibromochloromethane	ND	0.20	ppbv	ND	1.7	ug/m3	
156-60-5	96.94	trans-1,2-Dichloroethylene	ND	0.20	ppbv	ND	0.79	ug/m3	
156-59-2	96.94	cis-1,2-Dichloroethylene	ND	0.20	ppbv	ND	0.79	ug/m3	
10061-01-5	111	cis-1,3-Dichloropropene	ND	0.20	ppbv	ND	0.91	ug/m3	
541-73-1	147	m-Dichlorobenzene	ND	0.20	ppbv	ND	1.2	ug/m3	
95-50-1	147	o-Dichlorobenzene	ND	0.20	ppbv	ND	1.2	ug/m3	
106-46-7	147	p-Dichlorobenzene	ND	0.20	ppbv	ND	1.2	ug/m3	
10061-02-6	111	trans-1,3-Dichloropropene	ND	0.20	ppbv	ND	0.91	ug/m3	

ND = Not detected

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

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## Report of Analysis

Page 2 of 2

<b>Client Sample ID:</b>	A-2	<b>Date Sampled:</b>	03/28/08
<b>Lab Sample ID:</b>	J86976-10	<b>Date Received:</b>	03/29/08
<b>Matrix:</b>	AIR - Air	<b>Summa ID:</b>	A475
<b>Method:</b>	TO-15	<b>Percent Solids:</b>	n/a

**Project:** Reckson, 50 Marcus Drive, Farmingdale, NY

CAS No.	MW	Compound	Result	RL	Units	Q	Result	RL	Units
64-17-5	46.07	Ethanol	19.9	0.50	ppbv		37.5	0.94	ug/m <sup>3</sup>
100-41-4	106.2	Ethylbenzene	0.25	0.20	ppbv		1.1	0.87	ug/m <sup>3</sup>
141-78-6	88	Ethyl Acetate	ND	0.20	ppbv		ND	0.72	ug/m <sup>3</sup>
622-96-8	120.2	4-Ethyltoluene	0.21	0.20	ppbv		1.0	0.98	ug/m <sup>3</sup>
76-13-1	187.4	Freon 113	ND	0.20	ppbv		ND	1.5	ug/m <sup>3</sup>
76-14-2	170.9	Freon 114	ND	0.20	ppbv		ND	1.4	ug/m <sup>3</sup>
142-82-5	100.2	Heptane	0.30	0.20	ppbv		1.2	0.82	ug/m <sup>3</sup>
87-68-3	260.8	Hexachlorobutadiene	ND	0.20	ppbv		ND	2.1	ug/m <sup>3</sup>
110-54-3	86.17	Hexane	0.32	0.20	ppbv		1.1	0.70	ug/m <sup>3</sup>
591-78-6	100	2-Hexanone	ND	0.20	ppbv		ND	0.82	ug/m <sup>3</sup>
67-63-0	60.1	Isopropyl Alcohol	5.7	0.20	ppbv		14	0.49	ug/m <sup>3</sup>
75-09-2	84.94	Methylene chloride	0.20	0.20	ppbv		0.69	0.69	ug/m <sup>3</sup>
78-93-3	72.11	Methyl ethyl ketone	0.48	0.20	ppbv		1.4	0.59	ug/m <sup>3</sup>
108-10-1	100.2	Methyl Isobutyl Ketone	ND	0.20	ppbv		ND	0.82	ug/m <sup>3</sup>
1634-04-4	88.15	Methyl Tert Butyl Ether	ND	0.20	ppbv		ND	0.72	ug/m <sup>3</sup>
115-07-1	42	Propylene	ND	0.50	ppbv		ND	0.86	ug/m <sup>3</sup>
100-42-5	104.1	Styrene	ND	0.20	ppbv		ND	0.85	ug/m <sup>3</sup>
71-55-6	133.4	1,1,1-Trichloroethane	ND	0.20	ppbv		ND	1.1	ug/m <sup>3</sup>
79-34-5	167.9	1,1,2,2-Tetrachloroethane	ND	0.20	ppbv		ND	1.4	ug/m <sup>3</sup>
79-00-5	133.4	1,1,2-Trichloroethane	ND	0.20	ppbv		ND	1.1	ug/m <sup>3</sup>
120-82-1	181.5	1,2,4-Trichlorobenzene	ND	0.20	ppbv		ND	1.5	ug/m <sup>3</sup>
95-63-6	120.2	1,2,4-Trimethylbenzene	1.2	0.20	ppbv		5.9	0.98	ug/m <sup>3</sup>
108-67-8	120.2	1,3,5-Trimethylbenzene	0.34	0.20	ppbv		1.7	0.98	ug/m <sup>3</sup>
540-84-1	114.2	2,2,4-Trimethylpentane	ND	0.20	ppbv		ND	0.93	ug/m <sup>3</sup>
75-65-0	74.12	Tertiary Butyl Alcohol	ND	0.20	ppbv		ND	0.61	ug/m <sup>3</sup>
127-18-4	165.8	Tetrachloroethylene	0.17	0.20	ppbv	J	1.2	1.4	ug/m <sup>3</sup>
109-99-9	72.11	Tetrahydrofuran	ND	0.20	ppbv		ND	0.59	ug/m <sup>3</sup>
108-88-3	92.14	Toluene	0.68	0.20	ppbv		2.6	0.75	ug/m <sup>3</sup>
79-01-6	131.4	Trichloroethylene	ND	0.20	ppbv		ND	1.1	ug/m <sup>3</sup>
75-69-4	137.4	Trichlorofluoromethane	0.33	0.20	ppbv		1.9	1.1	ug/m <sup>3</sup>
75-01-4	62.5	Vinyl chloride	ND	0.20	ppbv		ND	0.51	ug/m <sup>3</sup>
108-05-4	86	Vinyl Acetate	ND	0.20	ppbv		ND	0.70	ug/m <sup>3</sup>
	106.2	m,p-Xylene	0.68	0.20	ppbv		3.0	0.87	ug/m <sup>3</sup>
95-47-6	106.2	o-Xylene	ND	0.20	ppbv		ND	0.87	ug/m <sup>3</sup>
1330-20-7	106.2	Xylenes (total)	0.68	0.20	ppbv		3.0	0.87	ug/m <sup>3</sup>

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
460-00-4	4-Bromofluorobenzene	94%		78-124%

ND = Not detected

J = Indicates an estimated value

RL = Reporting Limit

B = Indicates analyte found in associated method blank

E = Indicates value exceeds calibration range

N = Indicates presumptive evidence of a compound

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## Report of Analysis

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<b>Client Sample ID:</b>	B-1	<b>Date Sampled:</b>	03/28/08
<b>Lab Sample ID:</b>	J86976-11	<b>Date Received:</b>	03/29/08
<b>Matrix:</b>	AIR - Air	<b>Summa ID:</b>	A193
<b>Method:</b>	TO-15	<b>Percent Solids:</b>	n/a
<b>Project:</b>	Reckson, 50 Marcus Drive, Farmingdale, NY		

Run #1	File ID 2W17468.D	DF 1	Analyzed 04/11/08	By BR	Prep Date n/a	Prep Batch n/a	Analytical Batch V2W760
Run #2							

Run #1	Initial Volume 400 ml
Run #2	

CAS No.	MW	Compound	Result	RL	Units	Q	Result	RL	Units
67-64-1	58.08	Acetone	3.0	0.20	ppbv		7.1	0.48	ug/m3
106-99-0	54.09	1,3-Butadiene	ND	0.20	ppbv		ND	0.44	ug/m3
71-43-2	78.11	Benzene	0.20	0.20	ppbv		0.64	0.64	ug/m3
75-27-4	163.8	Bromodichloromethane	ND	0.20	ppbv		ND	1.3	ug/m3
75-25-2	252.8	Bromoform	ND	0.20	ppbv		ND	2.1	ug/m3
74-83-9	94.94	Bromomethane	ND	0.20	ppbv		ND	0.78	ug/m3
593-60-2	106.9	Bromoethene	ND	0.20	ppbv		ND	0.87	ug/m3
100-44-7	126	Benzyl Chloride	ND	0.20	ppbv		ND	1.0	ug/m3
75-15-0	76.14	Carbon disulfide	ND	0.20	ppbv		ND	0.62	ug/m3
108-90-7	112.6	Chlorobenzene	ND	0.20	ppbv		ND	0.92	ug/m3
75-00-3	64.52	Chloroethane	ND	0.20	ppbv		ND	0.53	ug/m3
67-66-3	119.4	Chloroform	ND	0.20	ppbv		ND	0.98	ug/m3
74-87-3	50.49	Chloromethane	0.54	0.20	ppbv		1.1	0.41	ug/m3
107-05-1	76.53	3-Chloropropene	ND	0.20	ppbv		ND	0.63	ug/m3
95-49-8	126.6	2-Chlorotoluene	ND	0.20	ppbv		ND	1.0	ug/m3
56-23-5	153.8	Carbon tetrachloride	0.12	0.20	ppbv	J	0.75	1.3	ug/m3
110-82-7	84.16	Cyclohexane	ND	0.20	ppbv		ND	0.69	ug/m3
75-34-3	98.96	1,1-Dichloroethane	ND	0.20	ppbv		ND	0.81	ug/m3
75-35-4	96.94	1,1-Dichloroethylene	ND	0.20	ppbv		ND	0.79	ug/m3
106-93-4	187.9	1,2-Dibromoethane	ND	0.20	ppbv		ND	1.5	ug/m3
107-06-2	98.96	1,2-Dichloroethane	ND	0.20	ppbv		ND	0.81	ug/m3
78-87-5	113	1,2-Dichloropropane	ND	0.20	ppbv		ND	0.92	ug/m3
123-91-1	88.12	1,4-Dioxane	ND	0.20	ppbv		ND	0.72	ug/m3
75-71-8	120.9	Dichlorodifluoromethane	0.63	0.20	ppbv		3.1	0.99	ug/m3
124-48-1	208.3	Dibromochloromethane	ND	0.20	ppbv		ND	1.7	ug/m3
156-60-5	96.94	trans-1,2-Dichloroethylene	ND	0.20	ppbv		ND	0.79	ug/m3
156-59-2	96.94	cis-1,2-Dichloroethylene	ND	0.20	ppbv		ND	0.79	ug/m3
10061-01-5	111	cis-1,3-Dichloropropene	ND	0.20	ppbv		ND	0.91	ug/m3
541-73-1	147	m-Dichlorobenzene	ND	0.20	ppbv		ND	1.2	ug/m3
95-50-1	147	o-Dichlorobenzene	ND	0.20	ppbv		ND	1.2	ug/m3
106-46-7	147	p-Dichlorobenzene	ND	0.20	ppbv		ND	1.2	ug/m3
10061-02-6	111	trans-1,3-Dichloropropene	ND	0.20	ppbv		ND	0.91	ug/m3

ND = Not detected

J = Indicates an estimated value

RL = Reporting Limit

B = Indicates analyte found in associated method blank

E = Indicates value exceeds calibration range

N = Indicates presumptive evidence of a compound

Accutest Laboratories

## Report of Analysis

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**Client Sample ID:** B-1  
**Lab Sample ID:** J86976-11  
**Matrix:** AIR - Air      **Summa ID:** A193  
**Method:** TO-15  
**Project:** Reckson, 50 Marcus Drive, Farmingdale, NY

CAS No.	MW	Compound	Result	RL	Units	Q	Result	RL	Units
64-17-5	46.07	Ethanol	2.5	0.50	ppbv		4.7	0.94	ug/m3
100-41-4	106.2	Ethylbenzene	0.28	0.20	ppbv		1.2	0.87	ug/m3
141-78-6	88	Ethyl Acetate	ND	0.20	ppbv		ND	0.72	ug/m3
622-96-8	120.2	4-Ethyltoluene	ND	0.20	ppbv		ND	0.98	ug/m3
76-13-1	187.4	Freon 113	ND	0.20	ppbv		ND	1.5	ug/m3
76-14-2	170.9	Freon 114	ND	0.20	ppbv		ND	1.4	ug/m3
142-82-5	100.2	Heptane	ND	0.20	ppbv		ND	0.82	ug/m3
87-68-3	260.8	Hexachlorobutadiene	ND	0.20	ppbv		ND	2.1	ug/m3
110-54-3	86.17	Hexane	ND	0.20	ppbv		ND	0.70	ug/m3
591-78-6	100	2-Hexanone	ND	0.20	ppbv		ND	0.82	ug/m3
67-63-0	60.1	Isopropyl Alcohol	0.96	0.20	ppbv		2.4	0.49	ug/m3
75-09-2	84.94	Methylene chloride	0.35	0.20	ppbv		1.2	0.69	ug/m3
78-93-3	72.11	Methyl ethyl ketone	0.41	0.20	ppbv		1.2	0.59	ug/m3
108-10-1	100.2	Methyl Isobutyl Ketone	ND	0.20	ppbv		ND	0.82	ug/m3
1634-04-4	88.15	Methyl Tert Butyl Ether	ND	0.20	ppbv		ND	0.72	ug/m3
115-07-1	42	Propylene	ND	0.50	ppbv		ND	0.86	ug/m3
100-42-5	104.1	Styrene	ND	0.20	ppbv		ND	0.85	ug/m3
71-55-6	133.4	1,1,1-Trichloroethane	ND	0.20	ppbv		ND	1.1	ug/m3
79-34-5	167.9	1,1,2,2-Tetrachloroethane	ND	0.20	ppbv		ND	1.4	ug/m3
79-00-5	133.4	1,1,2-Trichloroethane	ND	0.20	ppbv		ND	1.1	ug/m3
120-82-1	181.5	1,2,4-Trichlorobenzene	ND	0.20	ppbv		ND	1.5	ug/m3
95-63-6	120.2	1,2,4-Trimethylbenzene	0.76	0.20	ppbv		3.7	0.98	ug/m3
108-67-8	120.2	1,3,5-Trimethylbenzene	0.20	0.20	ppbv		0.98	0.98	ug/m3
540-84-1	114.2	2,2,4-Trimethylpentane	ND	0.20	ppbv		ND	0.93	ug/m3
75-65-0	74.12	Tertiary Butyl Alcohol	0.22	0.20	ppbv		0.67	0.61	ug/m3
127-18-4	165.8	Tetrachloroethylene	ND	0.20	ppbv		ND	1.4	ug/m3
109-99-9	72.11	Tetrahydrofuran	ND	0.20	ppbv		ND	0.59	ug/m3
108-88-3	92.14	Toluene	0.96	0.20	ppbv		3.6	0.75	ug/m3
79-01-6	131.4	Trichloroethylene	ND	0.20	ppbv		ND	1.1	ug/m3
75-69-4	137.4	Trichlorofluoromethane	0.37	0.20	ppbv		2.1	1.1	ug/m3
75-01-4	62.5	Vinyl chloride	ND	0.20	ppbv		ND	0.51	ug/m3
108-05-4	86	Vinyl Acetate	ND	0.20	ppbv		ND	0.70	ug/m3
	106.2	m,p-Xylene	1.0	0.20	ppbv		4.3	0.87	ug/m3
95-47-6	106.2	o-Xylene	0.42	0.20	ppbv		1.8	0.87	ug/m3
1330-20-7	106.2	Xylenes (total)	1.5	0.20	ppbv		6.5	0.87	ug/m3

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
460-00-4	4-Bromofluorobenzene	92%		78-124%

ND = Not detected

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound



## Misc. Forms

### Custody Documents and Other Forms

Includes the following where applicable:

- Chain of Custody
- Summa Canister and Flow Controller Log



FED-EX Tracking #	Boite Order Control #
Lab Ducts #	TE-3/3/2008-6
Lab Job #	J86976

Client / Reporting Information				Project Name:				Weather Parameters				Requested Analysis				
Company Name <b>Roux Associates</b>	Address 209 Shaffer St	Street 50 Marcus Dr	City Islandia	Project Name <b>Reckson</b>	Street 50 Marcus Dr	City Farmingdale	State NY	Temperature (Fahrenheit)	Start: 45.0	Maximum: 45.0	Stop: 0353	Minimum: 42.8	Atmospheric Pressure (inches of Hg)	Start: 30.02	Maximum: 30.02	Stop: 29.83
City Islandia	State NY	Zip 11749	City Farmingdale	State NY	Project # 70206Y	Client Purchase Order #	Other weather comment: intermittent showers	Standard TO-15 Reporting List								
Project Contact Karen Tyll	E-mail Ktyll@rouxinc.com	Phone # 631 232 2600	Fax # 631 232 9898													
Sampler(s) Name(s)																
Lab Sample #	Field ID / Point of Collection	Air Type	Sampling Equipment Info				Start Sampling Information				Stop Sampling Information				Standard TO-15 Reporting List	
		Indoor(S) Soil Vap(SV) Ambient(A)	✓ Canister Serial #	Canister Size 6L or 1L	Flow Controller Serial #	Date	Time (24hr clock)	Canister Pressure ("Hg)	Interior Temp (F)	Sampler Init.	Date	Time (24hr clock)	Canister Pressure ("Hg)	Interior Temp (F)		Sampler Init.
- 1	SS-6	SV	A131	6L	FC250	3-27-08 1821	-30	CG	3-27-08 2145	-3	CG	X				
- 2	A-3	I	A759	6L	FC272	3-27-08 1843	-30	CG	3-27-08 1958	-4	CG	X				
- 3	SS-2	SV	A228	6L	FC251	3-27-08 1750	-31	CG	3-28-08 0249	-3.5	CG	X				
- 4	SS-1	SV	A292	6L	FC128	3-27-08 1805	-30	CG	3-28-08 0333	-3	CG	X				
- 5	A-1	I	A363	6L	FC374	3-27-08 1808	-30	CG	3-28-08 0333	-3.2	CG	X				
- 6	A-4	I	A094	6L	FC245	3-27-08 1819	-31	CG	3-28-08 0343	-3.2	CG	X				
- 7	SS-5	SV	A770	6L	FC159	3-27-08 1835	-30.5	CG	3-28-08 0339	-3.2	CG	X				
- 8	SS-4	SV	A448	6L	FC056	3-27-08 1845	-30	CG	3-28-08 0323	-4	CG	X				
- 9	SS-3	SV	A196	6L	FC123	3-27-08 1857	-29.5	CG	3-28-08 0406	-3	CG	X				
- 10	A-2	I	A475	6L	FC097	3-27-08 1858	-30	CG	3-28-08 0330	-3.2	CG	X				
Turnaround Time (Business days)				Data Deliverable Information				Comments / Remarks								
Standard - 15 Days 10 Day 5 Day 3 Day 2 Day 1 Day Other	Approved By: _____ Date: _____	All NJDEP TO-15 is mandatory Full T1 Comm A Comm B Reduced T2 Full T1 Other:									Summer					

Sample Custody must be documented below each time samples change possession, including courier delivery.											
Relinquished by Laboratory: 1 <i>Rox Karp</i>	Date/TIME: 3/27/08 1543	Received By: 1 <i>Chris J. Tyll</i>	Relinquished By: 2 <i>Chris J. Tyll</i>	Date/TIME: 3/28/08 1300	Received By: 2 <i>Fed X</i>						
Relinquished by: 3 <i>Fed X</i>	Date/TIME: 3/28/08 1040	Received By: 3 <i>M. Burns</i>	Relinquished By: 4 <i>M. Burns</i>	Date/TIME: 3/28/08 1300	Received By: 4 <i>Fed X</i>						
Relinquished by: 5	Date/TIME: 3/28/08 1040	Received By: 5 <i>M. Burns</i>	Custody Seal # 698, 700, 702 <i>initials</i>								

J86976: Chain of Custody

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## CHAIN OF CUSTODY

## Air Sampling Field Data Sheet

FED-EX Tracking # 1E-313/2008-6  
Boiler/Coker Corral # Lab Quote #  
Lab Job # J86976

PAGE 1 OF 2

Client / Reporting Information								Weather Parameters				Requested Analysis		
Company Name <i>Roux Associates</i>		Project Name: <i>Reckson</i>						Temperature (Fahrenheit)				TO-15 Reporting List		
Address 209 Shaffer St		Street 50 Marcus Drive						Start: 1753	Maximum: 45.0					
City Islandia State NY Zip 11749		City Farmingdale State NY						Stop: 0353	Minimum: 42.1					
Project Contact Karen Tyll		Project # 70206Y						Atmospheric Pressure (inches of Hg)						
Phone # 631 232 2600		Client Purchase Order #						Start: 1753	Maximum: 30.02					
Fax # 631 232 9898								Stop: 0353	Minimum: 29.83					
Sampler(s) Name(s) <i>intermittent showers</i>														
Lab Sample #	Field ID / Point of Collection	Air Type	Sampling Equipment Info		Start Sampling Information					Stop Sampling Information				
			Indoor(S) Soil Vap(SV) Ambient(A)	✓ Canister Serial #	Canister Size 6L or 1L	Flow Controller Serial #	Date	Time (24hr clock)	Canister Pressure ("Hg)	Interior Temp (F)	Sampler Init.	Date	Time (24hr clock)	Canister Pressure ("Hg)
-11	B-1	A	A193	6L	FC226	3-27-08	1907	-30	CG	3-28-08	0345	-28	CG	X
Not Sampled		NS	A059	6L	FC110	—	—	—	—	—	—	—	—	—
Turnaround Time (Business days)														
Standard - 15 Days	10 Day	5 Day	3 Day	2 Day	1 Day	Other	Approved By: _____		Data Deliverable Information		Comments / Remarks			
							Date: _____		All NJDEP TO-15 is mandatory Full T1 Comm A _____ Comm B _____ Reduced T2 _____ Full T1 _____ Other: _____					
Sample Custody must be documented below each time samples change possession, including courier delivery.														
Relinquished by Laboratory: 1 <i>Roux Assoc</i>	Date Time: 3/28/08 1545	Received By: 1 <i>M. J. S.</i>	Relinquished By: 2 <i>M. J. S.</i>	Date Time: 3/28/08 1302	Received By: FedX									
Relinquished by: 3 FedX	Date Time: 3/28/08 1040	Received By: 3 <i>M. J. S.</i>	Relinquished By: 4	Date Time: —	Received By: 4									
Relinquished by: 5	Date Time: —	Received By: 5	Custody Seal #											

J86976: Chain of Custody  
Page 2 of 2

# Summa Canister and Flow Controller Log

Page 1 of 1

Job Number: J86976  
 Account: ROUXNYI Roux Associates  
 Project: Reckson, 50 Marcus Drive, Farmingdale, NY  
 Received: 03/29/08

3.2

3

## SUMMA CANISTERS

Shipping						Receiving							
Summa ID	Vac L	Date "Hg	Date Out	By SCC	Batch	SCC FileID	Sample Number	Date In	By	Vac "Hg	Pres psig	Final psig	Dil Fact
A131	6	29.4	03/04/08	HSC	CP2717	W16787.D	J86976-1	03/31/08	HSC	3			1
A759	6	29.4	03/04/08	HSC	CP2729	3W5713.D	J86976-2	03/31/08	HSC	3			1
A228	6	29.4	03/04/08	HSC	CP2729	3W5713.D	J86976-3	03/31/08	HSC	3			1
A292	6	29.4	03/04/08	HSC	CP2729	3W5713.D	J86976-4	03/31/08	HSC	3			1
A363	6	29.4	03/04/08	HSC	CP2729	3W5713.D	J86976-5	03/31/08	HSC	3			1
A094	6	29.4	03/04/08	HSC	CP2731	W16824.D	J86976-6	03/31/08	HSC	3.5			1
A770	6	29.4	03/04/08	HSC	CP2729	3W5713.D	J86976-7	03/31/08	HSC	2.5			1
A448	6	29.4	03/04/08	HSC	CP2729	3W5713.D	J86976-8	03/31/08	HSC	4			1
A196	6	29.4	03/04/08	HSC	CP2729	3W5713.D	J86976-9	03/31/08	HSC	3			1
A475	6	29.4	03/04/08	HSC	CP2729	3W5713.D	J86976-10	03/31/08	HSC	3			1
A193	6	29.4	03/04/08	HSC	CP2729	3W5713.D	J86976-11	03/31/08	HSC	1.5			1

## FLOW CONTROLLERS

Shipping						Receiving							
Flow Ctrl ID	Date Out	Date By	cc/min	Time hrs.	Date In	Date By	cc/min						
FC056	03/04/08	HSC	10.3	8	03/31/08	HSC	10.5						
FC097	03/04/08	HSC	10.3	8	03/31/08	HSC	11						
FC123	03/04/08	HSC	10.3	8	03/31/08	HSC	11						
FC128	03/04/08	HSC	10.3	8	03/31/08	HSC	11.4						
FC159	03/04/08	HSC	10.3	8	03/31/08	HSC	11.3						
FC226	03/04/08	HSC	10.3	8	03/31/08	HSC	10.9						
FC234	03/04/08	HSC	10.3	8	03/31/08	HSC	11.3						
FC245	03/04/08	HSC	10.3	8	03/31/08	HSC	10.9						
FC250	03/04/08	HSC	10.3	8	03/31/08	HSC	11.2						
FC272	03/04/08	HSC	10.3	8	03/31/08	HSC	10.7						
FC374	03/04/08	HSC	10.3	8	03/31/08	HSC	10.2						

### Accutest Bottle Order(s):

TE-3/3/2008-6

Prep Date      Room Temp(F)      Bar Pres "Hg  
 03/04/08      69.8      29.77

**ATTACHMENT 2**

Laboratory Data Validation

# Data Validation Services

120 Cobble Creek Road P.O. Box 208  
North Creek, NY 12853  
Phone 518-251-4429  
Facsimile 518-251-4428

May 30, 2008

Karen Tyll  
Roux Associates  
209 Shafter St.  
Islandia, NY 11749

RE: Validation of 50 Marcus Dr. analytical data package  
Accutest Laboratories SDG J86976

Dear Ms. Tyll:

Review has been completed for the data package generated by Accutest Laboratories that pertains to samples collected 3/27/08 and 3/28/08 at the 50 Marcus Dr site. Eleven 6-L summa canisters were analyzed for volatiles by EPA method TO-15.

The data package submitted by the laboratory contains full deliverables for validation, and the data have been fully validated with guidance from the 2006 USEPA Region II validation SOP HW-31, and in consideration of the specific requirements of the analytical methodology. The following items were reviewed:

- \* Data Completeness
- \* Case Narrative
- \* Custody Documentation
- \* Holding Times
- \* Surrogate and Internal Standard Recoveries
- \* Blank Contamination
- \* Laboratory Control Sample (LCS) Recoveries and Duplicate Correlations
- \* Instrumental Tunes
- \* Initial and Continuing Calibration Standards
- \* Method Compliance
- \* Sample Result Verification

Those items showing deficiencies are discussed in the following sections of this report. All others were found to be acceptable as outlined in the above-mentioned validation procedures, and as applicable for the methodology. Unless noted specifically in the following text, reported results are substantiated by the raw data, and generated in compliance with project requirements.

**In summary**, sample processing was conducted in compliance with project requirements. Sample results are usable either as reported, or with minor qualification due to typical processing or matrix effects.

A copy of the laboratory case narrative is attached to this text, and should be reviewed in conjunction with this report. Also attached are sample result forms with recommended edits and qualifiers applied in red ink.

**Volatile Analyses by EPA TO-15 and EPA 8260B**

Holding times and instrument tunes meet requirements. Blanks show no contamination. Surrogate and internal standard responses are within required ranges. Initial and continuing calibration standard responses are acceptable.

Due to very poor mass spectral quality, the following detections are edited to reflect non-detection, sometimes at elevated reporting limits (corresponding to the initially reported concentration):

- t-butyl alcohol and chloromethane in B-1
- chloromethane in A-1

Due to poor mass spectral quality, the following detections are qualified as being tentative in identification and estimated in value. The specific results should be used with caution:

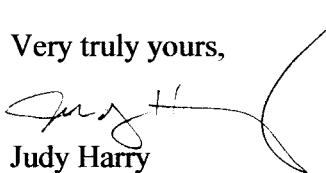
- dichlorodifluoromethane in A-3
- propylene in SS-3 and SS-4

Non-project Batch QC matrix spikes (MSs) show acceptable recoveries and correlations, with the exception of one slightly high duplicate correlation value. Project results are unaffected. Spiked control recoveries are within required ranges.

Reported values are substantiated by the raw data.

Please do not hesitate to contact me if questions or comments arise during your review of this report.

Very truly yours,

  
Judy Harry

## **VALIDATION QUALIFIER DEFINITIONS**

## **DATA QUALIFIER DEFINITIONS**

The following definitions provide brief explanations of the national qualifiers assigned to results in the data review process. If the Regions choose to use additional qualifiers, a complete explanation of those qualifiers should accompany the data review.

- U** - The analyte was analyzed for, but was not detected above the reported sample quantitation limit.
- J** - The analyte was positively identified; the associated numerical value is the approximate concentration of the analyte in the sample.
- N** - The analysis indicates the present of an analyte for which there is presumptive evidence to make a "tentative identification".
- NJ** - The analysis indicates the presence of an analyte that has been "tentatively identified" and the associated numerical value represents its approximate concentration.
- UJ** - The analyte was not detected above the reported sample quantitation limit. However, the reported quantitation limit is approximate and may or may not represent the actual limit of quantitation necessary to accurately and precisely measure the analyte in the sample.
- R** - The sample results are rejected due to serious deficiencies in the ability to analyze the sample and meet quality control criteria. The presence or absence of the analyte cannot be verified.

**CLIENT and LABORATORY SAMPLE IDs  
and CASE NARRATIVES**

Accutest Laboratories



## Sample Summary

Roux Associates

Job No: J86976

Reckson, 50 Marcus Drive, Farmingdale, NY  
Project No: 70206Y

Sample Number	Collected Date	Time By	Received	Matrix Code Type	Client Sample ID
J86976-1	03/27/08	21:45 CG	03/29/08	AIR Air	SS-6
J86976-2	03/27/08	19:58 CG	03/29/08	AIR Air	A-3
J86976-3	03/28/08	02:49 CG	03/29/08	AIR Air	SS-2
J86976-4	03/28/08	03:33 CG	03/29/08	AIR Air	SS-1
J86976-5	03/28/08	03:33 CG	03/29/08	AIR Air	A-1
J86976-6	03/28/08	03:43 CG	03/29/08	AIR Air	A-4
J86976-7	03/28/08	03:39 CG	03/29/08	AIR Air	SS-5
J86976-8	03/28/08	03:23 CG	03/29/08	AIR Air	SS-4
J86976-9	03/28/08	04:06 CG	03/29/08	AIR Air	SS-3
J86976-10	03/28/08	03:30 CG	03/29/08	AIR Air	A-2
J86976-11	03/28/08	03:45 CG	03/29/08	AIR Air	B-1



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## CASE NARRATIVE / CONFORMANCE SUMMARY

**Client:** Roux Associates

**Job No** J86976

**Site:** Reckson, 50 Marcus Drive, Farmingdale, NY

**Report Date** 4/25/2008 11:26:51 AM

On 03/29/2008, 11 Sample(s), 0 Trip Blank(s) and 0 Field Blank(s) were received at Accutest Laboratories. Samples were intact and properly preserved, unless noted below. An Accutest Job Number of J86976 was assigned to the project. Laboratory sample ID, client sample ID and dates of sample collection are detailed in the report's Results Summary Section. This report has been upgraded per client requested dated on 4/25/2008.

Specified quality control criteria were achieved for this job except as noted below. For more information, please refer to the analytical results and QC summary pages.

### Volatiles by GCMS By Method TO-15

<b>Matrix</b> AIR	<b>Batch ID:</b> V2W759
-------------------	-------------------------

- All samples were analyzed within the recommended method holding time.
- All method blanks for this batch meet method specific criteria.
- Sample(s) J87694-IDUP were used as the QC samples indicated.
- RPD(s) for Duplicate for Tetrachloroethylene are outside control limits for sample J87694-1DUP. RPD acceptable due to low DUP and sample concentrations.

<b>Matrix</b> AIR	<b>Batch ID:</b> V2W760
-------------------	-------------------------

- All samples were analyzed within the recommended method holding time.
- All method blanks for this batch meet method specific criteria.
- Sample(s) J87930-3DUP were used as the QC samples indicated.

Accutest certifies that data reported for samples received, listed on the associated custody chain or analytical task order, were produced to specifications meeting Accutest's Quality System precision, accuracy and completeness objectives except as noted.

Estimated non-standard method measurement uncertainty data is available on request, based on quality control bias and implicit for standard methods. Acceptable uncertainty requires tested parameter quality control data to meet method criteria.

Accutest Laboratories is not responsible for data quality assumptions if partial reports are used and recommends that this report be used in its entirety. Data release is authorized by Accutest Laboratories indicated via signature on the report cover.

## **QUALIFIED SAMPLE REPORT FORMS**

Accutest Laboratories

## Report of Analysis

Page 1 of 3

Client Sample ID:	SS-6	Date Sampled:	03/27/08
Lab Sample ID:	J86976-1	Date Received:	03/29/08
Matrix:	AIR - Air	Summa ID:	A131,A581
Method:	TO-15	Percent Solids:	n/a

Project: Reckson, 50 Marcus Drive, Farmingdale, NY

Run #	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	2W17447.D	11.5	04/10/08	BR	n/a	n/a	V2W759
Run #2	2W17448.D	11.5	04/10/08	BR	n/a	n/a	V2W759

Run #	Initial Volume
Run #1	400 ml
Run #2	80.0 ml

CAS No.	MW	Compound	Result	RL	Units	Q	Result	RL	Units
67-64-1	58.08	Acetone	31.4	2.3	ppbv		74.6	5.5	ug/m3
106-99-0	54.09	1,3-Butadiene	ND	2.3	ppbv		ND	5.1	ug/m3
71-43-2	78.11	Benzene	ND	2.3	ppbv		ND	7.3	ug/m3
75-27-4	163.8	Bromodichloromethane	ND	2.3	ppbv		ND	15	ug/m3
75-25-2	252.8	Bromoform	ND	2.3	ppbv		ND	24	ug/m3
74-83-9	94.94	Bromomethane	ND	2.3	ppbv		ND	8.9	ug/m3
593-60-2	106.9	Bromoethene	ND	2.3	ppbv		ND	10	ug/m3
100-44-7	126	Benzyl Chloride	ND	2.3	ppbv		ND	12	ug/m3
75-15-0	76.14	Carbon disulfide	ND	2.3	ppbv		ND	7.2	ug/m3
108-90-7	112.6	Chlorobenzene	ND	2.3	ppbv		ND	11	ug/m3
75-00-3	64.52	Chloroethane	ND	2.3	ppbv		ND	6.1	ug/m3
67-66-3	119.4	Chloroform	1.3	2.3	ppbv	J	6.3	11	ug/m3
74-87-3	50.49	Chloromethane	ND	2.3	ppbv		ND	4.7	ug/m3
107-05-1	76.53	3-Chloropropene	ND	2.3	ppbv		ND	7.2	ug/m3
95-49-8	126.6	2-Chlorotoluene	ND	2.3	ppbv		ND	12	ug/m3
56-23-5	153.8	Carbon tetrachloride	ND	2.3	ppbv		ND	14	ug/m3
110-82-7	84.16	Cyclohexane	ND	2.3	ppbv		ND	7.9	ug/m3
75-34-3	98.96	1,1-Dichloroethane	ND	2.3	ppbv		ND	9.3	ug/m3
75-35-4	96.94	1,1-Dichloroethylene	ND	2.3	ppbv		ND	9.1	ug/m3
106-93-4	187.9	1,2-Dibromoethane	ND	2.3	ppbv		ND	18	ug/m3
107-06-2	98.96	1,2-Dichloroethane	ND	2.3	ppbv		ND	9.3	ug/m3
78-87-5	113	1,2-Dichloropropane	ND	2.3	ppbv		ND	11	ug/m3
123-91-1	88.12	1,4-Dioxane	ND	2.3	ppbv		ND	8.3	ug/m3
75-71-8	120.9	Dichlorodifluoromethane	ND	2.3	ppbv		ND	11	ug/m3
124-48-1	208.3	Dibromochloromethane	ND	2.3	ppbv		ND	20	ug/m3
156-60-5	96.94	trans-1,2-Dichloroethylene	ND	2.3	ppbv		ND	9.1	ug/m3
156-59-2	96.94	cis-1,2-Dichloroethylene	13.6	2.3	ppbv		53.9	9.1	ug/m3
10061-01-5	111	cis-1,3-Dichloropropene	ND	2.3	ppbv		ND	10	ug/m3
541-73-1	147	m-Dichlorobenzene	ND	2.3	ppbv		ND	14	ug/m3
95-50-1	147	o-Dichlorobenzene	ND	2.3	ppbv		ND	14	ug/m3
106-46-7	147	p-Dichlorobenzene	ND	2.3	ppbv		ND	14	ug/m3
10061-02-6	111	trans-1,3-Dichloropropene	ND	2.3	ppbv		ND	10	ug/m3

ND = Not detected

J = Indicates an estimated value

RL = Reporting Limit

B = Indicates analyte found in associated method blank

E = Indicates value exceeds calibration range

N = Indicates presumptive evidence of a compound

## Report of Analysis

Page 2 of 3

Client Sample ID:	SS-6	Date Sampled:	03/27/08
Lab Sample ID:	J86976-1	Date Received:	03/29/08
Matrix:	AIR - Air	Summa ID:	A131,A581
Method:	TO-15	Percent Solids:	n/a
Project:	Reckson, 50 Marcus Drive, Farmingdale, NY		

CAS No.	MW	Compound	Result	RL	Units	Q	Result	RL	Units
64-17-5	46.07	Ethanol	15.3	5.8	ppbv		28.8	11	ug/m3
100-41-4	106.2	Ethylbenzene	ND	2.3	ppbv		ND	10	ug/m3
141-78-6	88	Ethyl Acetate	ND	2.3	ppbv		ND	8.3	ug/m3
622-96-8	120.2	4-Ethyltoluene	ND	2.3	ppbv		ND	11	ug/m3
76-13-1	187.4	Freon 113	ND	2.3	ppbv		ND	18	ug/m3
76-14-2	170.9	Freon 114	ND	2.3	ppbv		ND	16	ug/m3
142-82-5	100.2	Heptane	ND	2.3	ppbv		ND	9.4	ug/m3
87-68-3	260.8	Hexachlorobutadiene	ND	2.3	ppbv		ND	25	ug/m3
110-54-3	86.17	Hexane	ND	2.3	ppbv		ND	8.1	ug/m3
591-78-6	100	2-Hexanone	ND	2.3	ppbv		ND	9.4	ug/m3
67-63-0	60.1	Isopropyl Alcohol	5.3	2.3	ppbv		13	5.7	ug/m3
75-09-2	84.94	Methylene chloride	ND	2.3	ppbv		ND	8.0	ug/m3
78-93-3	72.11	Methyl ethyl ketone	2.0	2.3	ppbv	J	5.9	6.8	ug/m3
108-10-1	100.2	Methyl Isobutyl Ketone	ND	2.3	ppbv		ND	9.4	ug/m3
1634-04-4	88.15	Methyl Tert Butyl Ether	ND	2.3	ppbv		ND	8.3	ug/m3
115-07-1	42	Propylene	4.7	5.8	ppbv	J	8.1	10	ug/m3
100-42-5	104.1	Styrene	ND	2.3	ppbv		ND	9.8	ug/m3
71-55-6	133.4	1,1,1-Trichloroethane	5.2	2.3	ppbv		28	13	ug/m3
79-34-5	167.9	1,1,2,2-Tetrachloroethane	ND	2.3	ppbv		ND	16	ug/m3
79-00-5	133.4	1,1,2-Trichloroethane	ND	2.3	ppbv		ND	13	ug/m3
120-82-1	181.5	1,2,4-Trichlorobenzene	ND	2.3	ppbv		ND	17	ug/m3
95-63-6	120.2	1,2,4-Trimethylbenzene	ND	2.3	ppbv		ND	11	ug/m3
108-67-8	120.2	1,3,5-Trimethylbenzene	ND	2.3	ppbv		ND	11	ug/m3
540-84-1	114.2	2,2,4-Trimethylpentane	ND	2.3	ppbv		ND	11	ug/m3
75-65-0	74.12	Tertiary Butyl Alcohol	2.9	2.3	ppbv		8.8	7.0	ug/m3
127-18-4	165.8	Tetrachloroethylene	967 <sup>a</sup>	12	ppbv		6560 <sup>a</sup>	81	ug/m3
109-99-9	72.11	Tetrahydrofuran	ND	2.3	ppbv		ND	6.8	ug/m3
108-88-3	92.14	Toluene	3.5	2.3	ppbv		13	8.7	ug/m3
79-01-6	131.4	Trichloroethylene	89.5	2.3	ppbv		481	12	ug/m3
75-69-4	137.4	Trichlorofluoromethane	2.7	2.3	ppbv		15	13	ug/m3
75-01-4	62.5	Vinyl chloride	ND	2.3	ppbv		ND	5.9	ug/m3
108-05-4	86	Vinyl Acetate	ND	2.3	ppbv		ND	8.1	ug/m3
	106.2	m,p-Xylene	2.9	2.3	ppbv		13	10	ug/m3
95-47-6	106.2	o-Xylene	ND	2.3	ppbv		ND	10	ug/m3
1330-20-7	106.2	Xylenes (total)	2.9	2.3	ppbv		13	10	ug/m3

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
460-00-4	4-Bromofluorobenzene	99%	94%	78-124%

ND = Not detected

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Accutest Laboratories

## Report of Analysis

Page 1 of 2

Client Sample ID:	A-3	Date Sampled:	03/27/08
Lab Sample ID:	J86976-2	Date Received:	03/29/08
Matrix:	AIR - Air	Summa ID:	A759
Method:	TO-15	Percent Solids:	n/a

Project: Reckson, 50 Marcus Drive, Farmingdale, NY

Run #1	File ID 2W17449.D	DF 1	Analyzed 04/10/08	By BR	Prep Date n/a	Prep Batch n/a	Analytical Batch V2W759
Run #2							

Run #1	Initial Volume 400 ml
Run #2	

CAS No.	MW	Compound	Result	RL	Units	Q	Result	RL	Units
67-64-1	58.08	Acetone	6.4	0.20	ppbv	15	0.48	ug/m3	
106-99-0	54.09	1,3-Butadiene	ND	0.20	ppbv	ND	0.44	ug/m3	
71-43-2	78.11	Benzene	0.33	0.20	ppbv	1.1	0.64	ug/m3	
75-27-4	163.8	Bromodichloromethane	ND	0.20	ppbv	ND	1.3	ug/m3	
75-25-2	252.8	Bromoform	ND	0.20	ppbv	ND	2.1	ug/m3	
74-83-9	94.94	Bromomethane	ND	0.20	ppbv	ND	0.78	ug/m3	
593-60-2	106.9	Bromoethene	ND	0.20	ppbv	ND	0.87	ug/m3	
100-44-7	126	Benzyl Chloride	ND	0.20	ppbv	ND	1.0	ug/m3	
75-15-0	76.14	Carbon disulfide	ND	0.20	ppbv	ND	0.62	ug/m3	
108-90-7	112.6	Chlorobenzene	ND	0.20	ppbv	ND	0.92	ug/m3	
75-00-3	64.52	Chloroethane	ND	0.20	ppbv	ND	0.53	ug/m3	
67-66-3	119.4	Chloroform	ND	0.20	ppbv	ND	0.98	ug/m3	
74-87-3	50.49	Chloromethane	0.54	0.20	ppbv	1.1	0.41	ug/m3	
107-05-1	76.53	3-Chloropropene	ND	0.20	ppbv	ND	0.63	ug/m3	
95-49-8	126.6	2-Chlorotoluene	ND	0.20	ppbv	ND	1.0	ug/m3	
56-23-5	153.8	Carbon tetrachloride	ND	0.20	ppbv	ND	1.3	ug/m3	
110-82-7	84.16	Cyclohexane	ND	0.20	ppbv	ND	0.69	ug/m3	
75-34-3	98.96	1,1-Dichloroethane	ND	0.20	ppbv	ND	0.81	ug/m3	
75-35-4	96.94	1,1-Dichloroethylene	ND	0.20	ppbv	ND	0.79	ug/m3	
106-93-4	187.9	1,2-Dibromoethane	ND	0.20	ppbv	ND	1.5	ug/m3	
107-06-2	98.96	1,2-Dichloroethane	ND	0.20	ppbv	ND	0.81	ug/m3	
78-87-5	113	1,2-Dichloropropane	ND	0.20	ppbv	ND	0.92	ug/m3	
123-91-1	88.12	1,4-Dioxane	ND	0.20	ppbv	ND	0.72	ug/m3	
75-71-8	120.9	Dichlorodifluoromethane	0.82	0.20	ppbv	4.1	0.99	ug/m3	
124-48-1	208.3	Dibromochloromethane	ND	0.20	ppbv	ND	1.7	ug/m3	
156-60-5	96.94	trans-1,2-Dichloroethylene	ND	0.20	ppbv	ND	0.79	ug/m3	
156-59-2	96.94	cis-1,2-Dichloroethylene	ND	0.20	ppbv	ND	0.79	ug/m3	
10061-01-5	111	cis-1,3-Dichloropropene	ND	0.20	ppbv	ND	0.91	ug/m3	
541-73-1	147	m-Dichlorobenzene	ND	0.20	ppbv	ND	1.2	ug/m3	
95-50-1	147	o-Dichlorobenzene	ND	0.20	ppbv	ND	1.2	ug/m3	
106-46-7	147	p-Dichlorobenzene	ND	0.20	ppbv	ND	1.2	ug/m3	
10061-02-6	111	trans-1,3-Dichloropropene	ND	0.20	ppbv	ND	0.91	ug/m3	

ND = Not detected

J = Indicates an estimated value

RL = Reporting Limit

B = Indicates analyte found in associated method blank

E = Indicates value exceeds calibration range

N = Indicates presumptive evidence of a compound

## Report of Analysis

Page 2 of 2

Client Sample ID:	A-3	Date Sampled:	03/27/08
Lab Sample ID:	J86976-2	Date Received:	03/29/08
Matrix:	AIR - Air	Summa ID:	A759
Method:	TO-15	Percent Solids:	n/a

Project: Reckson, 50 Marcus Drive, Farmingdale, NY

CAS No.	MW	Compound	Result	RL	Units	Q	Result	RL	Units
64-17-5	46.07	Ethanol	16.0	0.50	ppbv		30.1	0.94	ug/m3
100-41-4	106.2	Ethylbenzene	0.12	0.20	ppbv	J	0.52	0.87	ug/m3
141-78-6	88	Ethyl Acetate	ND	0.20	ppbv		ND	0.72	ug/m3
622-96-8	120.2	4-Ethyltoluene	ND	0.20	ppbv		ND	0.98	ug/m3
76-13-1	187.4	Freon 113	ND	0.20	ppbv		ND	1.5	ug/m3
76-14-2	170.9	Freon 114	ND	0.20	ppbv		ND	1.4	ug/m3
142-82-5	100.2	Heptane	0.22	0.20	ppbv		0.90	0.82	ug/m3
87-68-3	260.8	Hexachlorobutadiene	ND	0.20	ppbv		ND	2.1	ug/m3
110-54-3	86.17	Hexane	0.30	0.20	ppbv		1.1	0.70	ug/m3
591-78-6	100	2-Hexanone	ND	0.20	ppbv		ND	0.82	ug/m3
67-63-0	60.1	Isopropyl Alcohol	3.8	0.20	ppbv		9.3	0.49	ug/m3
75-09-2	84.94	Methylene chloride	0.23	0.20	ppbv		0.80	0.69	ug/m3
78-93-3	72.11	Methyl ethyl ketone	0.68	0.20	ppbv		2.0	0.59	ug/m3
108-10-1	100.2	Methyl Isobutyl Ketone	ND	0.20	ppbv		ND	0.82	ug/m3
1634-04-4	88.15	Methyl Tert Butyl Ether	ND	0.20	ppbv		ND	0.72	ug/m3
115-07-1	42	Propylene	ND	0.50	ppbv		ND	0.86	ug/m3
100-42-5	104.1	Styrene	ND	0.20	ppbv		ND	0.85	ug/m3
71-55-6	133.4	1,1,1-Trichloroethane	ND	0.20	ppbv		ND	1.1	ug/m3
79-34-5	167.9	1,1,2,2-Tetrachloroethane	ND	0.20	ppbv		ND	1.4	ug/m3
79-00-5	133.4	1,1,2-Trichloroethane	ND	0.20	ppbv		ND	1.1	ug/m3
120-82-1	181.5	1,2,4-Trichlorobenzene	ND	0.20	ppbv		ND	1.5	ug/m3
95-63-6	120.2	1,2,4-Trimethylbenzene	ND	0.20	ppbv		ND	0.98	ug/m3
108-67-8	120.2	1,3,5-Trimethylbenzene	ND	0.20	ppbv		ND	0.98	ug/m3
540-84-1	114.2	2,2,4-Trimethylpentane	ND	0.20	ppbv		ND	0.93	ug/m3
75-65-0	74.12	Tertiary Butyl Alcohol	ND	0.20	ppbv		ND	0.61	ug/m3
127-18-4	165.8	Tetrachloroethylene	0.22	0.20	ppbv		1.5	1.4	ug/m3
109-99-9	72.11	Tetrahydrofuran	ND	0.20	ppbv		ND	0.59	ug/m3
108-88-3	92.14	Toluene	1.0	0.20	ppbv		3.8	0.75	ug/m3
79-01-6	131.4	Trichloroethylene	ND	0.20	ppbv		ND	1.1	ug/m3
75-69-4	137.4	Trichlorofluoromethane	0.40	0.20	ppbv		2.2	1.1	ug/m3
75-01-4	62.5	Vinyl chloride	ND	0.20	ppbv		ND	0.51	ug/m3
108-05-4	86	Vinyl Acetate	ND	0.20	ppbv		ND	0.70	ug/m3
	106.2	m,p-Xylene	0.29	0.20	ppbv		1.3	0.87	ug/m3
95-47-6	106.2	o-Xylene	0.10	0.20	ppbv	J	0.43	0.87	ug/m3
1330-20-7	106.2	Xylenes (total)	0.39	0.20	ppbv		1.7	0.87	ug/m3

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
460-00-4	4-Bromofluorobenzene	97%		78-124%

ND = Not detected

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

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## Report of Analysis

Page 1 of 3

Client Sample ID: SS-2  
 Lab Sample ID: J86976-3  
 Matrix: AIR - Air Summa ID: A228  
 Method: TO-15  
 Project: Reckson, 50 Marcus Drive, Farmingdale, NY

Run #1	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
	2W17450.D	1	04/10/08	BR	n/a	n/a	V2W759
Run #2	2W17451.D	1	04/11/08	BR	n/a	n/a	V2W759

Initial Volume
Run #1 50.0 ml
Run #2 20.0 ml

CAS No.	MW	Compound	Result	RL	Units	Q	Result	RL	Units
67-64-1	58.08	Acetone	7.9	1.6	ppbv	19	3.8	ug/m3	
106-99-0	54.09	1,3-Butadiene	ND	1.6	ppbv	ND	3.5	ug/m3	
71-43-2	78.11	Benzene	ND	1.6	ppbv	ND	5.1	ug/m3	
75-27-4	163.8	Bromodichloromethane	ND	1.6	ppbv	ND	11	ug/m3	
75-25-2	252.8	Bromoform	ND	1.6	ppbv	ND	17	ug/m3	
74-83-9	94.94	Bromomethane	ND	1.6	ppbv	ND	6.2	ug/m3	
593-60-2	106.9	Bromoethene	ND	1.6	ppbv	ND	7.0	ug/m3	
100-44-7	126	Benzyl Chloride	ND	1.6	ppbv	ND	8.2	ug/m3	
75-15-0	76.14	Carbon disulfide	7.2	1.6	ppbv	22	5.0	ug/m3	
108-90-7	112.6	Chlorobenzene	ND	1.6	ppbv	ND	7.4	ug/m3	
75-00-3	64.52	Chloroethane	ND	1.6	ppbv	ND	4.2	ug/m3	
67-66-3	119.4	Chloroform	1.7	1.6	ppbv	8.3	7.8	ug/m3	
74-87-3	50.49	Chloromethane	ND	1.6	ppbv	ND	3.3	ug/m3	
107-05-1	76.53	3-Chloropropene	ND	1.6	ppbv	ND	5.0	ug/m3	
95-49-8	126.6	2-Chlorotoluene	ND	1.6	ppbv	ND	8.3	ug/m3	
56-23-5	153.8	Carbon tetrachloride	ND	1.6	ppbv	ND	10	ug/m3	
110-82-7	84.16	Cyclohexane	ND	1.6	ppbv	ND	5.5	ug/m3	
75-34-3	98.96	1,1-Dichloroethane	ND	1.6	ppbv	ND	6.5	ug/m3	
75-35-4	96.94	1,1-Dichloroethylene	ND	1.6	ppbv	ND	6.3	ug/m3	
106-93-4	187.9	1,2-Dibromoethane	ND	1.6	ppbv	ND	12	ug/m3	
107-06-2	98.96	1,2-Dichloroethane	ND	1.6	ppbv	ND	6.5	ug/m3	
78-87-5	113	1,2-Dichloropropane	ND	1.6	ppbv	ND	7.4	ug/m3	
123-91-1	88.12	1,4-Dioxane	ND	1.6	ppbv	ND	5.8	ug/m3	
75-71-8	120.9	Dichlorodifluoromethane	1.2	1.6	ppbv	J	5.9	7.9	ug/m3
124-48-1	208.3	Dibromochloromethane	ND	1.6	ppbv	ND	14	ug/m3	
156-60-5	96.94	trans-1,2-Dichloroethylene	ND	1.6	ppbv	ND	6.3	ug/m3	
156-59-2	96.94	cis-1,2-Dichloroethylene	ND	1.6	ppbv	ND	6.3	ug/m3	
10061-01-5	111	cis-1,3-Dichloropropene	ND	1.6	ppbv	ND	7.3	ug/m3	
541-73-1	147	m-Dichlorobenzene	ND	1.6	ppbv	ND	9.6	ug/m3	
95-50-1	147	o-Dichlorobenzene	ND	1.6	ppbv	ND	9.6	ug/m3	
106-46-7	147	p-Dichlorobenzene	ND	1.6	ppbv	ND	9.6	ug/m3	
10061-02-6	111	trans-1,3-Dichloropropene	ND	1.6	ppbv	ND	7.3	ug/m3	

ND = Not detected

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

## Report of Analysis

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Client Sample ID:	SS-2	Date Sampled:	03/28/08
Lab Sample ID:	J86976-3	Date Received:	03/29/08
Matrix:	AIR - Air	Summa ID:	A228
Method:	TO-15	Percent Solids:	n/a
Project:	Reckson, 50 Marcus Drive, Farmingdale, NY		

CAS No.	MW	Compound	Result	RL	Units	Q	Result	RL	Units
64-17-5	46.07	Ethanol	ND	4.0	ppbv		ND	7.5	ug/m3
100-41-4	106.2	Ethylbenzene	1.4	1.6	ppbv	J	6.1	6.9	ug/m3
141-78-6	88	Ethyl Acetate	ND	1.6	ppbv		ND	5.8	ug/m3
622-96-8	120.2	4-Ethyltoluene	ND	1.6	ppbv		ND	7.9	ug/m3
76-13-1	187.4	Freon 113	ND	1.6	ppbv		ND	12	ug/m3
76-14-2	170.9	Freon 114	ND	1.6	ppbv		ND	11	ug/m3
142-82-5	100.2	Heptane	ND	1.6	ppbv		ND	6.6	ug/m3
87-68-3	260.8	Hexachlorobutadiene	ND	1.6	ppbv		ND	17	ug/m3
110-54-3	86.17	Hexane	ND	1.6	ppbv		ND	5.6	ug/m3
591-78-6	100	2-Hexanone	ND	1.6	ppbv		ND	6.5	ug/m3
67-63-0	60.1	Isopropyl Alcohol	ND	1.6	ppbv		ND	3.9	ug/m3
75-09-2	84.94	Methylene chloride	ND	1.6	ppbv		ND	5.6	ug/m3
78-93-3	72.11	Methyl ethyl ketone	ND	1.6	ppbv		ND	4.7	ug/m3
108-10-1	100.2	Methyl Isobutyl Ketone	1.6	1.6	ppbv		6.6	6.6	ug/m3
1634-04-4	88.15	Methyl Tert Butyl Ether	ND	1.6	ppbv		ND	5.8	ug/m3
115-07-1	42	Propylene	2.4	4.0	ppbv	J	4.1	6.9	ug/m3
100-42-5	104.1	Styrene	ND	1.6	ppbv		ND	6.8	ug/m3
71-55-6	133.4	1,1,1-Trichloroethane	5.6	1.6	ppbv		31	8.7	ug/m3
79-34-5	167.9	1,1,2,2-Tetrachloroethane	ND	1.6	ppbv		ND	11	ug/m3
79-00-5	133.4	1,1,2-Trichloroethane	ND	1.6	ppbv		ND	8.7	ug/m3
120-82-1	181.5	1,2,4-Trichlorobenzene	ND	1.6	ppbv		ND	12	ug/m3
95-63-6	120.2	1,2,4-Trimethylbenzene	3.9	1.6	ppbv		19	7.9	ug/m3
108-67-8	120.2	1,3,5-Trimethylbenzene	1.0	1.6	ppbv	J	4.9	7.9	ug/m3
540-84-1	114.2	2,2,4-Trimethylpentane	ND	1.6	ppbv		ND	7.5	ug/m3
75-65-0	74.12	Tertiary Butyl Alcohol	10.5	1.6	ppbv		31.8	4.9	ug/m3
127-18-4	165.8	Tetrachloroethylene	403 <sup>a</sup>	4.0	ppbv		2730 <sup>a</sup>	27	ug/m3
109-99-9	72.11	Tetrahydrofuran	ND	1.6	ppbv		ND	4.7	ug/m3
108-88-3	92.14	Toluene	4.3	1.6	ppbv		16	6.0	ug/m3
79-01-6	131.4	Trichloroethylene	1.7	1.6	ppbv		9.1	8.6	ug/m3
75-69-4	137.4	Trichlorofluoromethane	ND	1.6	ppbv		ND	9.0	ug/m3
75-01-4	62.5	Vinyl chloride	ND	1.6	ppbv		ND	4.1	ug/m3
108-05-4	86	Vinyl Acetate	ND	1.6	ppbv		ND	5.6	ug/m3
	106.2	m,p-Xylene	6.2	1.6	ppbv		27	6.9	ug/m3
95-47-6	106.2	o-Xylene	2.3	1.6	ppbv		10	6.9	ug/m3
1330-20-7	106.2	Xylenes (total)	8.5	1.6	ppbv		37	6.9	ug/m3

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
460-00-4	4-Bromofluorobenzene	103%	98%	78-124%

ND = Not detected

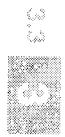
J = Indicates an estimated value

RL = Reporting Limit

B = Indicates analyte found in associated method blank

E = Indicates value exceeds calibration range

N = Indicates presumptive evidence of a compound



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## Report of Analysis

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Client Sample ID:	SS-1	Date Sampled:	03/28/08
Lab Sample ID:	J86976-4	Date Received:	03/29/08
Matrix:	AIR - Air	Summa ID:	A292,A570
Method:	TO-15	Percent Solids:	n/a
Project:	Reckson, 50 Marcus Drive, Farmingdale, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	2W17452.D	23	04/11/08	BR	n/a	n/a	V2W759
Run #2	2W17453.D	23	04/11/08	BR	n/a	n/a	V2W759

	Initial Volume
Run #1	400 ml
Run #2	80.0 ml

CAS No.	MW	Compound	Result	RL	Units	Q	Result	RL	Units
67-64-1	58.08	Acetone	16.4	4.6	ppbv		39.0	11	ug/m3
106-99-0	54.09	1,3-Butadiene	ND	4.6	ppbv		ND	10	ug/m3
71-43-2	78.11	Benzene	ND	4.6	ppbv		ND	15	ug/m3
75-27-4	163.8	Bromodichloromethane	ND	4.6	ppbv		ND	31	ug/m3
75-25-2	252.8	Bromoform	ND	4.6	ppbv		ND	48	ug/m3
74-83-9	94.94	Bromomethane	ND	4.6	ppbv		ND	18	ug/m3
593-60-2	106.9	Bromoethene	ND	4.6	ppbv		ND	20	ug/m3
100-44-7	126	Benzyl Chloride	ND	4.6	ppbv		ND	24	ug/m3
75-15-0	76.14	Carbon disulfide	ND	4.6	ppbv		ND	14	ug/m3
108-90-7	112.6	Chlorobenzene	ND	4.6	ppbv		ND	21	ug/m3
75-00-3	64.52	Chloroethane	ND	4.6	ppbv		ND	12	ug/m3
67-66-3	119.4	Chloroform	ND	4.6	ppbv		ND	22	ug/m3
74-87-3	50.49	Chloromethane	ND	4.6	ppbv		ND	9.5	ug/m3
107-05-1	76.53	3-Chloropropene	ND	4.6	ppbv		ND	14	ug/m3
95-49-8	126.6	2-Chlorotoluene	ND	4.6	ppbv		ND	24	ug/m3
56-23-5	153.8	Carbon tetrachloride	ND	4.6	ppbv		ND	29	ug/m3
110-82-7	84.16	Cyclohexane	ND	4.6	ppbv		ND	16	ug/m3
75-34-3	98.96	1,1-Dichloroethane	ND	4.6	ppbv		ND	19	ug/m3
75-35-4	96.94	1,1-Dichloroethylene	ND	4.6	ppbv		ND	18	ug/m3
106-93-4	187.9	1,2-Dibromoethane	ND	4.6	ppbv		ND	35	ug/m3
107-06-2	98.96	1,2-Dichloroethane	ND	4.6	ppbv		ND	19	ug/m3
78-87-5	113	1,2-Dichloropropane	ND	4.6	ppbv		ND	21	ug/m3
123-91-1	88.12	1,4-Dioxane	ND	4.6	ppbv		ND	17	ug/m3
75-71-8	120.9	Dichlorodifluoromethane	ND	4.6	ppbv		ND	23	ug/m3
124-48-1	208.3	Dibromochloromethane	ND	4.6	ppbv		ND	39	ug/m3
156-60-5	96.94	trans-1,2-Dichloroethylene	ND	4.6	ppbv		ND	18	ug/m3
156-59-2	96.94	cis-1,2-Dichloroethylene	ND	4.6	ppbv		ND	18	ug/m3
10061-01-5	111	cis-1,3-Dichloropropene	ND	4.6	ppbv		ND	21	ug/m3
541-73-1	147	m-Dichlorobenzene	ND	4.6	ppbv		ND	28	ug/m3
95-50-1	147	o-Dichlorobenzene	ND	4.6	ppbv		ND	28	ug/m3
106-46-7	147	p-Dichlorobenzene	ND	4.6	ppbv		ND	28	ug/m3
10061-02-6	111	trans-1,3-Dichloropropene	ND	4.6	ppbv		ND	21	ug/m3

ND = Not detected

J = Indicates an estimated value

RL = Reporting Limit

B = Indicates analyte found in associated method blank

E = Indicates value exceeds calibration range

N = Indicates presumptive evidence of a compound

## Report of Analysis

Page 2 of 3

Client Sample ID: SS-1  
 Lab Sample ID: J86976-4  
 Matrix: AIR - Air Summa ID: A292,A570  
 Method: TO-15  
 Project: Reckson, 50 Marcus Drive, Farmingdale, NY

CAS No.	MW	Compound	Result	RL	Units	Q	Result	RL	Units
64-17-5	46.07	Ethanol	ND	12	ppbv		ND	23	ug/m3
100-41-4	106.2	Ethylbenzene	ND	4.6	ppbv		ND	20	ug/m3
141-78-6	88	Ethyl Acetate	ND	4.6	ppbv		ND	17	ug/m3
622-96-8	120.2	4-Ethyltoluene	ND	4.6	ppbv		ND	23	ug/m3
76-13-1	187.4	Freon 113	ND	4.6	ppbv		ND	35	ug/m3
76-14-2	170.9	Freon 114	ND	4.6	ppbv		ND	32	ug/m3
142-82-5	100.2	Heptane	ND	4.6	ppbv		ND	19	ug/m3
87-68-3	260.8	Hexachlorobutadiene	ND	4.6	ppbv		ND	49	ug/m3
110-54-3	86.17	Hexane	ND	4.6	ppbv		ND	16	ug/m3
591-78-6	100	2-Hexanone	ND	4.6	ppbv		ND	19	ug/m3
67-63-0	60.1	Isopropyl Alcohol	ND	4.6	ppbv		ND	11	ug/m3
75-09-2	84.94	Methylene chloride	ND	4.6	ppbv		ND	16	ug/m3
78-93-3	72.11	Methyl ethyl ketone	ND	4.6	ppbv		ND	14	ug/m3
108-10-1	100.2	Methyl Isobutyl Ketone	ND	4.6	ppbv		ND	19	ug/m3
1634-04-4	88.15	Methyl Tert Butyl Ether	ND	4.6	ppbv		ND	17	ug/m3
115-07-1	42	Propylene	13.7	12	ppbv		23.5	21	ug/m3
100-42-5	104.1	Styrene	ND	4.6	ppbv		ND	20	ug/m3
71-55-6	133.4	1,1,1-Trichloroethane	ND	4.6	ppbv		ND	25	ug/m3
79-34-5	167.9	1,1,2,2-Tetrachloroethane	ND	4.6	ppbv		ND	32	ug/m3
79-00-5	133.4	1,1,2-Trichloroethane	ND	4.6	ppbv		ND	25	ug/m3
120-82-1	181.5	1,2,4-Trichlorobenzene	ND	4.6	ppbv		ND	34	ug/m3
95-63-6	120.2	1,2,4-Trimethylbenzene	3.8	4.6	ppbv	J	19	23	ug/m3
108-67-8	120.2	1,3,5-Trimethylbenzene	ND	4.6	ppbv		ND	23	ug/m3
540-84-1	114.2	2,2,4-Trimethylpentane	ND	4.6	ppbv		ND	21	ug/m3
75-65-0	74.12	Tertiary Butyl Alcohol	7.0	4.6	ppbv		21	14	ug/m3
127-18-4	165.8	Tetrachloroethylene	1600 <sup>a</sup>	23	ppbv		10800 <sup>a</sup>	160	ug/m3
109-99-9	72.11	Tetrahydrofuran	ND	4.6	ppbv		ND	14	ug/m3
108-88-3	92.14	Toluene	4.9	4.6	ppbv		18	17	ug/m3
79-01-6	131.4	Trichloroethylene	9.5	4.6	ppbv		51	25	ug/m3
75-69-4	137.4	Trichlorofluoromethane	3.2	4.6	ppbv	J	18	26	ug/m3
75-01-4	62.5	Vinyl chloride	ND	4.6	ppbv		ND	12	ug/m3
108-05-4	86	Vinyl Acetate	ND	4.6	ppbv		ND	16	ug/m3
	106.2	m,p-Xylene	7.5	4.6	ppbv		33	20	ug/m3
95-47-6	106.2	o-Xylene	2.5	4.6	ppbv	J	11	20	ug/m3
1330-20-7	106.2	Xylenes (total)	9.9	4.6	ppbv		43	20	ug/m3

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
460-00-4	4-Bromofluorobenzene	96%	96%	78-124%

ND = Not detected

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

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**Report of Analysis**

Page 1 of 2

Client Sample ID: A-1  
 Lab Sample ID: J86976-5  
 Matrix: AIR - Air Summa ID: A363  
 Method: TO-15  
 Project: Reckson, 50 Marcus Drive, Farmingdale, NY

Date Sampled: 03/28/08

Date Received: 03/29/08

Percent Solids: n/a

Run #1	File ID 2W17454.D	DF 1	Analyzed 04/11/08	By BR	Prep Date n/a	Prep Batch n/a	Analytical Batch V2W759
Run #2							

Initial Volume	
Run #1	400 ml
Run #2	

CAS No.	MW	Compound	Result	RL	Units	Q	Result	RL	Units
67-64-1	58.08	Acetone	4.0	0.20	ppbv	9.5	0.48	ug/m3	
106-99-0	54.09	1,3-Butadiene	ND	0.20	ppbv	ND	0.44	ug/m3	
71-43-2	78.11	Benzene	0.23	0.20	ppbv	0.73	0.64	ug/m3	
75-27-4	163.8	Bromodichloromethane	ND	0.20	ppbv	ND	1.3	ug/m3	
75-25-2	252.8	Bromoform	ND	0.20	ppbv	ND	2.1	ug/m3	
74-83-9	94.94	Bromomethane	ND	0.20	ppbv	ND	0.78	ug/m3	
593-60-2	106.9	Bromoethene	ND	0.20	ppbv	ND	0.87	ug/m3	
100-44-7	126	Benzyl Chloride	ND	0.20	ppbv	ND	1.0	ug/m3	
75-15-0	76.14	Carbon disulfide	ND	0.20	ppbv	ND	0.62	ug/m3	
108-90-7	112.6	Chlorobenzene	ND	0.20	ppbv	ND	0.92	ug/m3	
75-00-3	64.52	Chloroethane	ND	0.20	ppbv	ND	0.53	ug/m3	
67-66-3	119.4	Chloroform	ND	0.20	ppbv	ND	0.98	ug/m3	
74-87-3	50.49	Chloromethane	ND 0.50	0.20 0.50	ppbv	ND 1.0	0.41 1.0	ug/m3	u
107-05-1	76.53	3-Chloropropene	ND	0.20	ppbv	ND	0.63	ug/m3	
95-49-8	126.6	2-Chlorotoluene	ND	0.20	ppbv	ND	1.0	ug/m3	
56-23-5	153.8	Carbon tetrachloride	ND	0.20	ppbv	ND	1.3	ug/m3	
110-82-7	84.16	Cyclohexane	ND	0.20	ppbv	ND	0.69	ug/m3	
75-34-3	98.96	1,1-Dichloroethane	ND	0.20	ppbv	ND	0.81	ug/m3	
75-35-4	96.94	1,1-Dichloroethylene	ND	0.20	ppbv	ND	0.79	ug/m3	
106-93-4	187.9	1,2-Dibromoethane	ND	0.20	ppbv	ND	1.5	ug/m3	
107-06-2	98.96	1,2-Dichloroethane	ND	0.20	ppbv	ND	0.81	ug/m3	
78-87-5	113	1,2-Dichloropropane	ND	0.20	ppbv	ND	0.92	ug/m3	
123-91-1	88.12	1,4-Dioxane	ND	0.20	ppbv	ND	0.72	ug/m3	
75-71-8	120.9	Dichlorodifluoromethane	0.78	0.20	ppbv	3.9	0.99	ug/m3	
124-48-1	208.3	Dibromochloromethane	ND	0.20	ppbv	ND	1.7	ug/m3	
156-60-5	96.94	trans-1,2-Dichloroethylene	ND	0.20	ppbv	ND	0.79	ug/m3	
156-59-2	96.94	cis-1,2-Dichloroethylene	ND	0.20	ppbv	ND	0.79	ug/m3	
10061-01-5	111	cis-1,3-Dichloropropene	ND	0.20	ppbv	ND	0.91	ug/m3	
541-73-1	147	m-Dichlorobenzene	ND	0.20	ppbv	ND	1.2	ug/m3	
95-50-1	147	o-Dichlorobenzene	ND	0.20	ppbv	ND	1.2	ug/m3	
106-46-7	147	p-Dichlorobenzene	ND	0.20	ppbv	ND	1.2	ug/m3	
10061-02-6	111	trans-1,3-Dichloropropene	ND	0.20	ppbv	ND	0.91	ug/m3	

ND = Not detected

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

## Report of Analysis

Page 2 of 2

Client Sample ID:	A-1	Date Sampled:	03/28/08
Lab Sample ID:	J86976-5	Date Received:	03/29/08
Matrix:	AIR - Air	Summa ID:	A363
Method:	TO-15	Percent Solids:	n/a
Project:	Reckson, 50 Marcus Drive, Farmingdale, NY		

CAS No.	MW	Compound	Result	RL	Units	Q	Result	RL	Units
64-17-5	46.07	Ethanol	12.8	0.50	ppbv		24.1	0.94	ug/m3
100-41-4	106.2	Ethylbenzene	ND	0.20	ppbv		ND	0.87	ug/m3
141-78-6	88	Ethyl Acetate	ND	0.20	ppbv		ND	0.72	ug/m3
622-96-8	120.2	4-Ethyltoluene	ND	0.20	ppbv		ND	0.98	ug/m3
76-13-1	187.4	Freon 113	ND	0.20	ppbv		ND	1.5	ug/m3
76-14-2	170.9	Freon 114	ND	0.20	ppbv		ND	1.4	ug/m3
142-82-5	100.2	Heptane	0.28	0.20	ppbv		1.1	0.82	ug/m3
87-68-3	260.8	Hexachlorobutadiene	ND	0.20	ppbv		ND	2.1	ug/m3
110-54-3	86.17	Hexane	ND	0.20	ppbv		ND	0.70	ug/m3
591-78-6	100	2-Hexanone	ND	0.20	ppbv		ND	0.82	ug/m3
67-63-0	60.1	Isopropyl Alcohol	5.6	0.20	ppbv		14	0.49	ug/m3
75-09-2	84.94	Methylene chloride	0.17	0.20	ppbv	J	0.59	0.69	ug/m3
78-93-3	72.11	Methyl ethyl ketone	0.45	0.20	ppbv		1.3	0.59	ug/m3
108-10-1	100.2	Methyl Isobutyl Ketone	ND	0.20	ppbv		ND	0.82	ug/m3
1634-04-4	88.15	Methyl Tert Butyl Ether	ND	0.20	ppbv		ND	0.72	ug/m3
115-07-1	42	Propylene	ND	0.50	ppbv		ND	0.86	ug/m3
100-42-5	104.1	Styrene	ND	0.20	ppbv		ND	0.85	ug/m3
71-55-6	133.4	1,1,1-Trichloroethane	ND	0.20	ppbv		ND	1.1	ug/m3
79-34-5	167.9	1,1,2,2-Tetrachloroethane	ND	0.20	ppbv		ND	1.4	ug/m3
79-00-5	133.4	1,1,2-Trichloroethane	ND	0.20	ppbv		ND	1.1	ug/m3
120-82-1	181.5	1,2,4-Trichlorobenzene	ND	0.20	ppbv		ND	1.5	ug/m3
95-63-6	120.2	1,2,4-Trimethylbenzene	ND	0.20	ppbv		ND	0.98	ug/m3
108-67-8	120.2	1,3,5-Trimethylbenzene	ND	0.20	ppbv		ND	0.98	ug/m3
540-84-1	114.2	2,2,4-Trimethylpentane	ND	0.20	ppbv		ND	0.93	ug/m3
75-65-0	74.12	Tertiary Butyl Alcohol	ND	0.20	ppbv		ND	0.61	ug/m3
127-18-4	165.8	Tetrachloroethylene	0.15	0.20	ppbv	J	1.0	1.4	ug/m3
109-99-9	72.11	Tetrahydrofuran	ND	0.20	ppbv		ND	0.59	ug/m3
108-88-3	92.14	Toluene	0.62	0.20	ppbv		2.3	0.75	ug/m3
79-01-6	131.4	Trichloroethylene	ND	0.20	ppbv		ND	1.1	ug/m3
75-69-4	137.4	Trichlorofluoromethane	0.36	0.20	ppbv		2.0	1.1	ug/m3
75-01-4	62.5	Vinyl chloride	ND	0.20	ppbv		ND	0.51	ug/m3
108-05-4	86	Vinyl Acetate	ND	0.20	ppbv		ND	0.70	ug/m3
	106.2	m,p-Xylene	0.20	0.20	ppbv		0.87	0.87	ug/m3
95-47-6	106.2	o-Xylene	ND	0.20	ppbv		ND	0.87	ug/m3
1330-20-7	106.2	Xylenes (total)	0.20	0.20	ppbv		0.87	0.87	ug/m3

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
460-00-4	4-Bromofluorobenzene	96%		78-124%

ND = Not detected

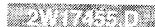
J = Indicates an estimated value

RL = Reporting Limit

B = Indicates analyte found in associated method blank

E = Indicates value exceeds calibration range

N = Indicates presumptive evidence of a compound



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## Report of Analysis

Page 1 of 2

Client Sample ID:	A-4	Date Sampled:	03/28/08
Lab Sample ID:	J86976-6	Date Received:	03/29/08
Matrix:	AIR - Air	Summa ID:	A094
Method:	TO-15	Percent Solids:	n/a
Project:	Reckson, 50 Marcus Drive, Farmingdale, NY		

Run #1	File ID 2W17455.D	DF 1	Analyzed 04/11/08	By BR	Prep Date n/a	Prep Batch n/a	Analytical Batch V2W759
Run #2							

Run #1	Initial Volume 400 ml
Run #2	

CAS No.	MW	Compound	Result	RL	Units	Q	Result	RL	Units
67-64-1	58.08	Acetone	3.6	0.20	ppbv		8.6	0.48	ug/m3
106-99-0	54.09	1,3-Butadiene	ND	0.20	ppbv		ND	0.44	ug/m3
71-43-2	78.11	Benzene	0.22	0.20	ppbv		0.70	0.64	ug/m3
75-27-4	163.8	Bromodichloromethane	ND	0.20	ppbv		ND	1.3	ug/m3
75-25-2	252.8	Bromoform	ND	0.20	ppbv		ND	2.1	ug/m3
74-83-9	94.94	Bromomethane	ND	0.20	ppbv		ND	0.78	ug/m3
593-60-2	106.9	Bromoethene	ND	0.20	ppbv		ND	0.87	ug/m3
100-44-7	126	Benzyl Chloride	ND	0.20	ppbv		ND	1.0	ug/m3
75-15-0	76.14	Carbon disulfide	ND	0.20	ppbv		ND	0.62	ug/m3
108-90-7	112.6	Chlorobenzene	ND	0.20	ppbv		ND	0.92	ug/m3
75-00-3	64.52	Chloroethane	ND	0.20	ppbv		ND	0.53	ug/m3
67-66-3	119.4	Chloroform	ND	0.20	ppbv		ND	0.98	ug/m3
74-87-3	50.49	Chloromethane	0.61	0.20	ppbv		1.3	0.41	ug/m3
107-05-1	76.53	3-Chloropropene	ND	0.20	ppbv		ND	0.63	ug/m3
95-49-8	126.6	2-Chlorotoluene	ND	0.20	ppbv		ND	1.0	ug/m3
56-23-5	153.8	Carbon tetrachloride	ND	0.20	ppbv		ND	1.3	ug/m3
110-82-7	84.16	Cyclohexane	ND	0.20	ppbv		ND	0.69	ug/m3
75-34-3	98.96	1,1-Dichloroethane	ND	0.20	ppbv		ND	0.81	ug/m3
75-35-4	96.94	1,1-Dichloroethylene	ND	0.20	ppbv		ND	0.79	ug/m3
106-93-4	187.9	1,2-Dibromoethane	ND	0.20	ppbv		ND	1.5	ug/m3
107-06-2	98.96	1,2-Dichloroethane	ND	0.20	ppbv		ND	0.81	ug/m3
78-87-5	113	1,2-Dichloropropane	ND	0.20	ppbv		ND	0.92	ug/m3
123-91-1	88.12	1,4-Dioxane	ND	0.20	ppbv		ND	0.72	ug/m3
75-71-8	120.9	Dichlorodifluoromethane	0.70	0.20	ppbv		3.5	0.99	ug/m3
124-48-1	208.3	Dibromochloromethane	ND	0.20	ppbv		ND	1.7	ug/m3
156-60-5	96.94	trans-1,2-Dichloroethylene	ND	0.20	ppbv		ND	0.79	ug/m3
156-59-2	96.94	cis-1,2-Dichloroethylene	ND	0.20	ppbv		ND	0.79	ug/m3
10061-01-5	111	cis-1,3-Dichloropropene	ND	0.20	ppbv		ND	0.91	ug/m3
541-73-1	147	m-Dichlorobenzene	ND	0.20	ppbv		ND	1.2	ug/m3
95-50-1	147	o-Dichlorobenzene	ND	0.20	ppbv		ND	1.2	ug/m3
106-46-7	147	p-Dichlorobenzene	ND	0.20	ppbv		ND	1.2	ug/m3
10061-02-6	111	trans-1,3-Dichloropropene	ND	0.20	ppbv		ND	0.91	ug/m3

ND = Not detected

J = Indicates an estimated value

RL = Reporting Limit

B = Indicates analyte found in associated method blank

E = Indicates value exceeds calibration range

N = Indicates presumptive evidence of a compound

## Report of Analysis

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Client Sample ID: A-4  
 Lab Sample ID: J86976-6  
 Matrix: AIR - Air Summa ID: A094  
 Method: TO-15  
 Project: Reckson, 50 Marcus Drive, Farmingdale, NY

CAS No.	MW	Compound	Result	RL	Units	Q	Result	RL	Units
64-17-5	46.07	Ethanol	9.5	0.50	ppbv		18	0.94	ug/m3
100-41-4	106.2	Ethylbenzene	ND	0.20	ppbv		ND	0.87	ug/m3
141-78-6	88	Ethyl Acetate	ND	0.20	ppbv		ND	0.72	ug/m3
622-96-8	120.2	4-Ethyltoluene	ND	0.20	ppbv		ND	0.98	ug/m3
76-13-1	187.4	Freon 113	ND	0.20	ppbv		ND	1.5	ug/m3
76-14-2	170.9	Freon 114	ND	0.20	ppbv		ND	1.4	ug/m3
142-82-5	100.2	Heptane	ND	0.20	ppbv		ND	0.82	ug/m3
87-68-3	260.8	Hexachlorobutadiene	ND	0.20	ppbv		ND	2.1	ug/m3
110-54-3	86.17	Hexane	ND	0.20	ppbv		ND	0.70	ug/m3
591-78-6	100	2-Hexanone	ND	0.20	ppbv		ND	0.82	ug/m3
67-63-0	60.1	Isopropyl Alcohol	3.1	0.20	ppbv		7.6	0.49	ug/m3
75-09-2	84.94	Methylene chloride	0.20	0.20	ppbv		0.69	0.69	ug/m3
78-93-3	72.11	Methyl ethyl ketone	0.32	0.20	ppbv		0.94	0.59	ug/m3
108-10-1	100.2	Methyl Isobutyl Ketone	ND	0.20	ppbv		ND	0.82	ug/m3
1634-04-4	88.15	Methyl Tert Butyl Ether	ND	0.20	ppbv		ND	0.72	ug/m3
115-07-1	42	Propylene	ND	0.50	ppbv		ND	0.86	ug/m3
100-42-5	104.1	Styrene	ND	0.20	ppbv		ND	0.85	ug/m3
71-55-6	133.4	1,1,1-Trichloroethane	ND	0.20	ppbv		ND	1.1	ug/m3
79-34-5	167.9	1,1,2,2-Tetrachloroethane	ND	0.20	ppbv		ND	1.4	ug/m3
79-00-5	133.4	1,1,2-Trichloroethane	ND	0.20	ppbv		ND	1.1	ug/m3
120-82-1	181.5	1,2,4-Trichlorobenzene	ND	0.20	ppbv		ND	1.5	ug/m3
95-63-6	120.2	1,2,4-Trimethylbenzene	ND	0.20	ppbv		ND	0.98	ug/m3
108-67-8	120.2	1,3,5-Trimethylbenzene	ND	0.20	ppbv		ND	0.98	ug/m3
540-84-1	114.2	2,2,4-Trimethylpentane	ND	0.20	ppbv		ND	0.93	ug/m3
75-65-0	74.12	Tertiary Butyl Alcohol	ND	0.20	ppbv		ND	0.61	ug/m3
127-18-4	165.8	Tetrachloroethylene	0.13	0.20	ppbv	J	0.88	1.4	ug/m3
109-99-9	72.11	Tetrahydrofuran	ND	0.20	ppbv		ND	0.59	ug/m3
108-88-3	92.14	Toluene	0.59	0.20	ppbv		2.2	0.75	ug/m3
79-01-6	131.4	Trichloroethylene	ND	0.20	ppbv		ND	1.1	ug/m3
75-69-4	137.4	Trichlorofluoromethane	0.35	0.20	ppbv		2.0	1.1	ug/m3
75-01-4	62.5	Vinyl chloride	ND	0.20	ppbv		ND	0.51	ug/m3
108-05-4	86	Vinyl Acetate	ND	0.20	ppbv		ND	0.70	ug/m3
	106.2	m,p-Xylene	0.21	0.20	ppbv		0.91	0.87	ug/m3
95-47-6	106.2	o-Xylene	ND	0.20	ppbv		ND	0.87	ug/m3
1330-20-7	106.2	Xylenes (total)	0.21	0.20	ppbv		0.91	0.87	ug/m3

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
460-00-4	4-Bromofluorobenzene	98%		78-124%

ND = Not detected

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

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## Report of Analysis

Page 1 of 2

Client Sample ID:	SS-5	Date Sampled:	03/28/08
Lab Sample ID:	J86976-7	Date Received:	03/29/08
Matrix:	AIR - Air	Summa ID:	A770
Method:	TO-15	Percent Solids:	n/a

Project: Reckson, 50 Marcus Drive, Farmingdale, NY

Run #1	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #2	2W17457.D	1	04/11/08	BR	n/a	n/a	V2W759

Initial Volume
Run #1 50.0 ml
Run #2

CAS No.	MW	Compound	Result	RL	Units	Q	Result	RL	Units
67-64-1	58.08	Acetone	7.4	1.6	ppbv		18	3.8	ug/m3
106-99-0	54.09	1,3-Butadiene	ND	1.6	ppbv		ND	3.5	ug/m3
71-43-2	78.11	Benzene	ND	1.6	ppbv		ND	5.1	ug/m3
75-27-4	163.8	Bromodichloromethane	ND	1.6	ppbv		ND	11	ug/m3
75-25-2	252.8	Bromoform	ND	1.6	ppbv		ND	17	ug/m3
74-83-9	94.94	Bromomethane	ND	1.6	ppbv		ND	6.2	ug/m3
593-60-2	106.9	Bromoethene	ND	1.6	ppbv		ND	7.0	ug/m3
100-44-7	126	Benzyl Chloride	ND	1.6	ppbv		ND	8.2	ug/m3
75-15-0	76.14	Carbon disulfide	ND	1.6	ppbv		ND	5.0	ug/m3
108-90-7	112.6	Chlorobenzene	ND	1.6	ppbv		ND	7.4	ug/m3
75-00-3	64.52	Chloroethane	ND	1.6	ppbv		ND	4.2	ug/m3
67-66-3	119.4	Chloroform	ND	1.6	ppbv		ND	7.8	ug/m3
74-87-3	50.49	Chloromethane	ND	1.6	ppbv		ND	3.3	ug/m3
107-05-1	76.53	3-Chloropropene	ND	1.6	ppbv		ND	5.0	ug/m3
95-49-8	126.6	2-Chlorotoluene	ND	1.6	ppbv		ND	8.3	ug/m3
56-23-5	153.8	Carbon tetrachloride	ND	1.6	ppbv		ND	10	ug/m3
110-82-7	84.16	Cyclohexane	ND	1.6	ppbv		ND	5.5	ug/m3
75-34-3	98.96	1,1-Dichloroethane	ND	1.6	ppbv		ND	6.5	ug/m3
75-35-4	96.94	1,1-Dichloroethylene	ND	1.6	ppbv		ND	6.3	ug/m3
106-93-4	187.9	1,2-Dibromoethane	ND	1.6	ppbv		ND	12	ug/m3
107-06-2	98.96	1,2-Dichloroethane	ND	1.6	ppbv		ND	6.5	ug/m3
78-87-5	113	1,2-Dichloropropane	ND	1.6	ppbv		ND	7.4	ug/m3
123-91-1	88.12	1,4-Dioxane	ND	1.6	ppbv		ND	5.8	ug/m3
75-71-8	120.9	Dichlorodifluoromethane	0.95	1.6	ppbv	J	4.7	7.9	ug/m3
124-48-1	208.3	Dibromochloromethane	ND	1.6	ppbv		ND	14	ug/m3
156-60-5	96.94	trans-1,2-Dichloroethylene	ND	1.6	ppbv		ND	6.3	ug/m3
156-59-2	96.94	cis-1,2-Dichloroethylene	ND	1.6	ppbv		ND	6.3	ug/m3
10061-01-5	111	cis-1,3-Dichloropropene	ND	1.6	ppbv		ND	7.3	ug/m3
541-73-1	147	m-Dichlorobenzene	ND	1.6	ppbv		ND	9.6	ug/m3
95-50-1	147	o-Dichlorobenzene	ND	1.6	ppbv		ND	9.6	ug/m3
106-46-7	147	p-Dichlorobenzene	ND	1.6	ppbv		ND	9.6	ug/m3
10061-02-6	111	trans-1,3-Dichloropropene	ND	1.6	ppbv		ND	7.3	ug/m3

ND = Not detected

J = Indicates an estimated value

RL = Reporting Limit

B = Indicates analyte found in associated method blank

E = Indicates value exceeds calibration range

N = Indicates presumptive evidence of a compound

## Report of Analysis

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Client Sample ID:	SS-5	Date Sampled:	03/28/08
Lab Sample ID:	J86976-7	Date Received:	03/29/08
Matrix:	AIR - Air	Summa ID:	A770
Method:	TO-15	Percent Solids:	n/a
Project:	Reckson, 50 Marcus Drive, Farmingdale, NY		

CAS No.	MW	Compound	Result	RL	Units	Q	Result	RL	Units
64-17-5	46.07	Ethanol	ND	4.0	ppbv		ND	7.5	ug/m3
100-41-4	106.2	Ethylbenzene	0.89	1.6	ppbv	J	3.9	6.9	ug/m3
141-78-6	88	Ethyl Acetate	ND	1.6	ppbv		ND	5.8	ug/m3
622-96-8	120.2	4-Ethyltoluene	ND	1.6	ppbv		ND	7.9	ug/m3
76-13-1	187.4	Freon 113	ND	1.6	ppbv		ND	12	ug/m3
76-14-2	170.9	Freon 114	ND	1.6	ppbv		ND	11	ug/m3
142-82-5	100.2	Heptane	ND	1.6	ppbv		ND	6.6	ug/m3
87-68-3	260.8	Hexachlorobutadiene	ND	1.6	ppbv		ND	17	ug/m3
110-54-3	86.17	Hexane	ND	1.6	ppbv		ND	5.6	ug/m3
591-78-6	100	2-Hexanone	ND	1.6	ppbv		ND	6.5	ug/m3
67-63-0	60.1	Isopropyl Alcohol	ND	1.6	ppbv		ND	3.9	ug/m3
75-09-2	84.94	Methylene chloride	ND	1.6	ppbv		ND	5.6	ug/m3
78-93-3	72.11	Methyl ethyl ketone	ND	1.6	ppbv		ND	4.7	ug/m3
108-10-1	100.2	Methyl Isobutyl Ketone	ND	1.6	ppbv		ND	6.6	ug/m3
1634-04-4	88.15	Methyl Tert Butyl Ether	ND	1.6	ppbv		ND	5.8	ug/m3
115-07-1	42	Propylene	ND	4.0	ppbv		ND	6.9	ug/m3
100-42-5	104.1	Styrene	ND	1.6	ppbv		ND	6.8	ug/m3
71-55-6	133.4	1,1,1-Trichloroethane	ND	1.6	ppbv		ND	8.7	ug/m3
79-34-5	167.9	1,1,2,2-Tetrachloroethane	ND	1.6	ppbv		ND	11	ug/m3
79-00-5	133.4	1,1,2-Trichloroethane	ND	1.6	ppbv		ND	8.7	ug/m3
120-82-1	181.5	1,2,4-Trichlorobenzene	ND	1.6	ppbv		ND	12	ug/m3
95-63-6	120.2	1,2,4-Trimethylbenzene	2.3	1.6	ppbv		11	7.9	ug/m3
108-67-8	120.2	1,3,5-Trimethylbenzene	ND	1.6	ppbv		ND	7.9	ug/m3
540-84-1	114.2	2,2,4-Trimethylpentane	ND	1.6	ppbv		ND	7.9	ug/m3
75-65-0	74.12	Tertiary Butyl Alcohol	6.0	1.6	ppbv		18	4.9	ug/m3
127-18-4	165.8	Tetrachloroethylene	94.4	1.6	ppbv		640	11	ug/m3
109-99-9	72.11	Tetrahydrofuran	ND	1.6	ppbv		ND	4.7	ug/m3
108-88-3	92.14	Toluene	2.8	1.6	ppbv		11	6.0	ug/m3
79-01-6	131.4	Trichloroethylene	3.3	1.6	ppbv		18	8.6	ug/m3
75-69-4	137.4	Trichlorofluoromethane	ND	1.6	ppbv		ND	9.0	ug/m3
75-01-4	62.5	Vinyl chloride	ND	1.6	ppbv		ND	4.1	ug/m3
108-05-4	86	Vinyl Acetate	ND	1.6	ppbv		ND	5.6	ug/m3
	106.2	m,p-Xylene	3.7	1.6	ppbv		16	6.9	ug/m3
95-47-6	106.2	o-Xylene	1.3	1.6	ppbv	J	5.6	6.9	ug/m3
1330-20-7	106.2	Xylenes (total)	4.9	1.6	ppbv		21	6.9	ug/m3

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
460-00-4	4-Bromofluorobenzene	101%		78-124%

ND = Not detected

J = Indicates an estimated value

RL = Reporting Limit

B = Indicates analyte found in associated method blank

E = Indicates value exceeds calibration range

N = Indicates presumptive evidence of a compound

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## Report of Analysis

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Client Sample ID:	SS-4	Date Sampled:	03/28/08
Lab Sample ID:	J86976-8	Date Received:	03/29/08
Matrix:	AIR - Air	Summa ID:	A448
Method:	TO-15	Percent Solids:	n/a
Project:	Reckson, 50 Marcus Drive, Farmingdale, NY		

Run #	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	2W17465.D	1	04/11/08	BR	n/a	n/a	V2W760
Run #2	2W17466.D	1	04/11/08	BR	n/a	n/a	V2W760

Run #	Initial Volume
Run #1	50.0 ml
Run #2	20.0 ml

CAS No.	MW	Compound	Result	RL	Units	Q	Result	RL	Units
67-64-1	58.08	Acetone	2.8	1.6	ppbv		6.7	3.8	ug/m3
106-99-0	54.09	1,3-Butadiene	ND	1.6	ppbv		ND	3.5	ug/m3
71-43-2	78.11	Benzene	ND	1.6	ppbv		ND	5.1	ug/m3
75-27-4	163.8	Bromodichloromethane	ND	1.6	ppbv		ND	11	ug/m3
75-25-2	252.8	Bromoform	ND	1.6	ppbv		ND	17	ug/m3
74-83-9	94.94	Bromomethane	ND	1.6	ppbv		ND	6.2	ug/m3
593-60-2	106.9	Bromoethene	ND	1.6	ppbv		ND	7.0	ug/m3
100-44-7	126	Benzyl Chloride	ND	1.6	ppbv		ND	8.2	ug/m3
75-15-0	76.14	Carbon disulfide	6.3	1.6	ppbv		20	5.0	ug/m3
108-90-7	112.6	Chlorobenzene	ND	1.6	ppbv		ND	7.4	ug/m3
75-00-3	64.52	Chloroethane	ND	1.6	ppbv		ND	4.2	ug/m3
67-66-3	119.4	Chloroform	ND	1.6	ppbv		ND	7.8	ug/m3
74-87-3	50.49	Chloromethane	ND	1.6	ppbv		ND	3.3	ug/m3
107-05-1	76.53	3-Chloropropene	ND	1.6	ppbv		ND	5.0	ug/m3
95-49-8	126.6	2-Chlorotoluene	ND	1.6	ppbv		ND	8.3	ug/m3
56-23-5	153.8	Carbon tetrachloride	ND	1.6	ppbv		ND	10	ug/m3
110-82-7	84.16	Cyclohexane	ND	1.6	ppbv		ND	5.5	ug/m3
75-34-3	98.96	1,1-Dichloroethane	ND	1.6	ppbv		ND	6.5	ug/m3
75-35-4	96.94	1,1-Dichloroethylene	ND	1.6	ppbv		ND	6.3	ug/m3
106-93-4	187.9	1,2-Dibromoethane	ND	1.6	ppbv		ND	12	ug/m3
107-06-2	98.96	1,2-Dichloroethane	ND	1.6	ppbv		ND	6.5	ug/m3
78-87-5	113	1,2-Dichloropropane	ND	1.6	ppbv		ND	7.4	ug/m3
123-91-1	88.12	1,4-Dioxane	ND	1.6	ppbv		ND	5.8	ug/m3
75-71-8	120.9	Dichlorodifluoromethane	ND	1.6	ppbv		ND	7.9	ug/m3
124-48-1	208.3	Dibromochloromethane	ND	1.6	ppbv		ND	14	ug/m3
156-60-5	96.94	trans-1,2-Dichloroethylene	ND	1.6	ppbv		ND	6.3	ug/m3
156-59-2	96.94	cis-1,2-Dichloroethylene	1.9	1.6	ppbv		7.5	6.3	ug/m3
10061-01-5	111	cis-1,3-Dichloropropene	ND	1.6	ppbv		ND	7.3	ug/m3
541-73-1	147	m-Dichlorobenzene	ND	1.6	ppbv		ND	9.6	ug/m3
95-50-1	147	o-Dichlorobenzene	ND	1.6	ppbv		ND	9.6	ug/m3
106-46-7	147	p-Dichlorobenzene	ND	1.6	ppbv		ND	9.6	ug/m3
10061-02-6	111	trans-1,3-Dichloropropene	ND	1.6	ppbv		ND	7.3	ug/m3

ND = Not detected

J = Indicates an estimated value

RL = Reporting Limit

B = Indicates analyte found in associated method blank

E = Indicates value exceeds calibration range

N = Indicates presumptive evidence of a compound

## Report of Analysis

Page 2 of 3

Client Sample ID: SS-4  
 Lab Sample ID: J86976-8  
 Matrix: AIR - Air Summa ID: A448  
 Method: TO-15  
 Project: Reckson, 50 Marcus Drive, Farmingdale, NY

CAS No.	MW	Compound	Result	RL	Units	Q	Result	RL	Units
64-17-5	46.07	Ethanol	ND	4.0	ppbv		ND	7.5	ug/m3
100-41-4	106.2	Ethylbenzene	1.1	1.6	ppbv	J	4.8	6.9	ug/m3
141-78-6	88	Ethyl Acetate	ND	1.6	ppbv		ND	5.8	ug/m3
622-96-8	120.2	4-Ethyltoluene	ND	1.6	ppbv		ND	7.9	ug/m3
76-13-1	187.4	Freon 113	ND	1.6	ppbv		ND	12	ug/m3
76-14-2	170.9	Freon 114	ND	1.6	ppbv		ND	11	ug/m3
142-82-5	100.2	Heptane	ND	1.6	ppbv		ND	6.6	ug/m3
87-68-3	260.8	Hexachlorobutadiene	ND	1.6	ppbv		ND	17	ug/m3
110-54-3	86.17	Hexane	ND	1.6	ppbv		ND	5.6	ug/m3
591-78-6	100	2-Hexanone	ND	1.6	ppbv		ND	6.5	ug/m3
67-63-0	60.1	Isopropyl Alcohol	ND	1.6	ppbv		ND	3.9	ug/m3
75-09-2	84.94	Methylene chloride	ND	1.6	ppbv		ND	5.6	ug/m3
78-93-3	72.11	Methyl ethyl ketone	ND	1.6	ppbv		ND	4.7	ug/m3
108-10-1	100.2	Methyl Isobutyl Ketone	ND	1.6	ppbv		ND	6.6	ug/m3
1634-04-4	88.15	Methyl Tert Butyl Ether	ND	1.6	ppbv		ND	5.8	ug/m3
115-07-1	42	Propylene	2.7	✓	4.0	ppbv	J	4.6	✓
100-42-5	104.1	Styrene	ND	1.6	ppbv		ND	6.8	ug/m3
71-55-6	133.4	1,1,1-Trichloroethane	2.6	1.6	ppbv		14	8.7	ug/m3
79-34-5	167.9	1,1,2,2-Tetrachloroethane	ND	1.6	ppbv		ND	11	ug/m3
79-00-5	133.4	1,1,2-Trichloroethane	ND	1.6	ppbv		ND	8.7	ug/m3
120-82-1	181.5	1,2,4-Trichlorobenzene	ND	1.6	ppbv		ND	12	ug/m3
95-63-6	120.2	1,2,4-Trimethylbenzene	3.2	1.6	ppbv		16	7.9	ug/m3
108-67-8	120.2	1,3,5-Trimethylbenzene	0.84	1.6	ppbv	J	4.1	7.9	ug/m3
540-84-1	114.2	2,2,4-Trimethylpentane	ND	1.6	ppbv		ND	7.5	ug/m3
75-65-0	74.12	Tertiary Butyl Alcohol	7.6	1.6	ppbv		23	4.9	ug/m3
127-18-4	165.8	Tetrachloroethylene	758 <sup>a</sup>	4.0	ppbv		5140 <sup>a</sup>	27	ug/m3
109-99-9	72.11	Tetrahydrofuran	ND	1.6	ppbv		ND	4.7	ug/m3
108-88-3	92.14	Toluene	3.5	1.6	ppbv		13	6.0	ug/m3
79-01-6	131.4	Trichloroethylene	72.8	1.6	ppbv		391	8.6	ug/m3
75-69-4	137.4	Trichlorofluoromethane	ND	1.6	ppbv		ND	9.0	ug/m3
75-01-4	62.5	Vinyl chloride	ND	1.6	ppbv		ND	4.1	ug/m3
108-05-4	86	Vinyl Acetate	ND	1.6	ppbv		ND	5.6	ug/m3
	106.2	m,p-Xylene	4.5	1.6	ppbv		20	6.9	ug/m3
95-47-6	106.2	o-Xylene	1.7	1.6	ppbv		7.4	6.9	ug/m3
1330-20-7	106.2	Xylenes (total)	6.2	1.6	ppbv		27	6.9	ug/m3

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
460-00-4	4-Bromofluorobenzene	94%	97%	78-124%

ND = Not detected

J = Indicates an estimated value

RL = Reporting Limit

B = Indicates analyte found in associated method blank

E = Indicates value exceeds calibration range

N = Indicates presumptive evidence of a compound



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## Report of Analysis

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Client Sample ID: SS-3  
 Lab Sample ID: J86976-9  
 Matrix: AIR - Air Summa ID: A196  
 Method: TO-15  
 Project: Reckson, 50 Marcus Drive, Farmingdale, NY

Run #1	File ID 2W17458.D	DF 1	Analyzed 04/11/08	By BR	Prep Date n/a	Prep Batch n/a	Analytical Batch V2W759
Run #2							

Initial Volume
Run #1 50.0 ml
Run #2

CAS No.	MW	Compound	Result	RL	Units	Q	Result	RL	Units
67-64-1	58.08	Acetone	8.2	1.6	ppbv		19	3.8	ug/m3
106-99-0	54.09	1,3-Butadiene	ND	1.6	ppbv		ND	3.5	ug/m3
71-43-2	78.11	Benzene	ND	1.6	ppbv		ND	5.1	ug/m3
75-27-4	163.8	Bromodichloromethane	ND	1.6	ppbv		ND	11	ug/m3
75-25-2	252.8	Bromoform	ND	1.6	ppbv		ND	17	ug/m3
74-83-9	94.94	Bromomethane	ND	1.6	ppbv		ND	6.2	ug/m3
593-60-2	106.9	Bromoethene	ND	1.6	ppbv		ND	7.0	ug/m3
100-44-7	126	Benzyl Chloride	ND	1.6	ppbv		ND	8.2	ug/m3
75-15-0	76.14	Carbon disulfide	ND	1.6	ppbv		ND	5.0	ug/m3
108-90-7	112.6	Chlorobenzene	ND	1.6	ppbv		ND	7.4	ug/m3
75-00-3	64.52	Chloroethane	ND	1.6	ppbv		ND	4.2	ug/m3
67-66-3	119.4	Chloroform	ND	1.6	ppbv		ND	7.8	ug/m3
74-87-3	50.49	Chloromethane	ND	1.6	ppbv		ND	3.3	ug/m3
107-05-1	76.53	3-Chloropropene	ND	1.6	ppbv		ND	5.0	ug/m3
95-49-8	126.6	2-Chlorotoluene	ND	1.6	ppbv		ND	8.3	ug/m3
56-23-5	153.8	Carbon tetrachloride	ND	1.6	ppbv		ND	10	ug/m3
110-82-7	84.16	Cyclohexane	ND	1.6	ppbv		ND	5.5	ug/m3
75-34-3	98.96	1,1-Dichloroethane	ND	1.6	ppbv		ND	6.5	ug/m3
75-35-4	96.94	1,1-Dichloroethylene	ND	1.6	ppbv		ND	6.3	ug/m3
106-93-4	187.9	1,2-Dibromoethane	ND	1.6	ppbv		ND	12	ug/m3
107-06-2	98.96	1,2-Dichloroethane	ND	1.6	ppbv		ND	6.5	ug/m3
78-87-5	113	1,2-Dichloropropane	ND	1.6	ppbv		ND	7.4	ug/m3
123-91-1	88.12	1,4-Dioxane	ND	1.6	ppbv		ND	5.8	ug/m3
75-71-8	120.9	Dichlorodifluoromethane	0.88	1.6	ppbv	J	4.4	7.9	ug/m3
124-48-1	208.3	Dibromochloromethane	ND	1.6	ppbv		ND	14	ug/m3
156-60-5	96.94	trans-1,2-Dichloroethylene	ND	1.6	ppbv		ND	6.3	ug/m3
156-59-2	96.94	cis-1,2-Dichloroethylene	ND	1.6	ppbv		ND	6.3	ug/m3
10061-01-5	111	cis-1,3-Dichloropropene	ND	1.6	ppbv		ND	7.3	ug/m3
541-73-1	147	m-Dichlorobenzene	ND	1.6	ppbv		ND	9.6	ug/m3
95-50-1	147	o-Dichlorobenzene	ND	1.6	ppbv		ND	9.6	ug/m3
106-46-7	147	p-Dichlorobenzene	ND	1.6	ppbv		ND	9.6	ug/m3
10061-02-6	111	trans-1,3-Dichloropropene	ND	1.6	ppbv		ND	7.3	ug/m3

ND = Not detected

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

## Report of Analysis

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Client Sample ID:	SS-3	Date Sampled:	03/28/08
Lab Sample ID:	J86976-9	Date Received:	03/29/08
Matrix:	AIR - Air	Summa ID:	A196
Method:	TO-15	Percent Solids:	n/a
Project:	Reckson, 50 Marcus Drive, Farmingdale, NY		

CAS No.	MW	Compound	Result	RL	Units	Q	Result	RL	Units
64-17-5	46.07	Ethanol	ND	4.0	ppbv		ND	7.5	ug/m3
100-41-4	106.2	Ethylbenzene	0.89	1.6	ppbv	J	3.9	6.9	ug/m3
141-78-6	88	Ethyl Acetate	ND	1.6	ppbv		ND	5.8	ug/m3
622-96-8	120.2	4-Ethyltoluene	ND	1.6	ppbv		ND	7.9	ug/m3
76-13-1	187.4	Freon 113	ND	1.6	ppbv		ND	12	ug/m3
76-14-2	170.9	Freon 114	ND	1.6	ppbv		ND	11	ug/m3
142-82-5	100.2	Heptane	ND	1.6	ppbv		ND	6.6	ug/m3
87-68-3	260.8	Hexachlorobutadiene	ND	1.6	ppbv		ND	17	ug/m3
110-54-3	86.17	Hexane	ND	1.6	ppbv		ND	5.6	ug/m3
591-78-6	100	2-Hexanone	ND	1.6	ppbv		ND	6.5	ug/m3
67-63-0	60.1	Isopropyl Alcohol	ND	1.6	ppbv		ND	3.9	ug/m3
75-09-2	84.94	Methylene chloride	1.2	1.6	ppbv	J	4.2	5.6	ug/m3
78-93-3	72.11	Methyl ethyl ketone	ND	1.6	ppbv		ND	4.7	ug/m3
108-10-1	100.2	Methyl Isobutyl Ketone	ND	1.6	ppbv		ND	6.6	ug/m3
1634-04-4	88.15	Methyl Tert Butyl Ether	ND	1.6	ppbv		ND	5.8	ug/m3
115-07-1	42	Propylene	3.0	NJS	4.0	ppbv	J	5.2	NJS
100-42-5	104.1	Styrene	ND	1.6	ppbv		ND	6.8	ug/m3
71-55-6	133.4	1,1,1-Trichloroethane	2.1	1.6	ppbv		11	8.7	ug/m3
79-34-5	167.9	1,1,2,2-Tetrachloroethane	ND	1.6	ppbv		ND	11	ug/m3
79-00-5	133.4	1,1,2-Trichloroethane	ND	1.6	ppbv		ND	8.7	ug/m3
120-82-1	181.5	1,2,4-Trichlorobenzene	ND	1.6	ppbv		ND	12	ug/m3
95-63-6	120.2	1,2,4-Trimethylbenzene	2.2	1.6	ppbv		11	7.9	ug/m3
108-67-8	120.2	1,3,5-Trimethylbenzene	ND	1.6	ppbv		ND	7.9	ug/m3
540-84-1	114.2	2,2,4-Trimethylpentane	ND	1.6	ppbv		ND	7.5	ug/m3
75-65-0	74.12	Tertiary Butyl Alcohol	12.9	1.6	ppbv		39.1	4.9	ug/m3
127-18-4	165.8	Tetrachloroethylene	21.9	1.6	ppbv		149	11	ug/m3
109-99-9	72.11	Tetrahydrofuran	ND	1.6	ppbv		ND	4.7	ug/m3
108-88-3	92.14	Toluene	3.2	1.6	ppbv		12	6.0	ug/m3
79-01-6	131.4	Trichloroethylene	2.2	1.6	ppbv		12	8.6	ug/m3
75-69-4	137.4	Trichlorofluoromethane	ND	1.6	ppbv		ND	9.0	ug/m3
75-01-4	62.5	Vinyl chloride	ND	1.6	ppbv		ND	4.1	ug/m3
108-05-4	86	Vinyl Acetate	ND	1.6	ppbv		ND	5.6	ug/m3
	106.2	m,p-Xylene	3.5	1.6	ppbv		15	6.9	ug/m3
95-47-6	106.2	o-Xylene	1.3	1.6	ppbv	J	5.6	6.9	ug/m3
1330-20-7	106.2	Xylenes (total)	4.8	1.6	ppbv		21	6.9	ug/m3

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
460-00-4	4-Bromofluorobenzene	100%		78-124%

ND = Not detected

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Accutest Laboratories

## Report of Analysis

Page 1 of 2

Client Sample ID: A-2  
 Lab Sample ID: J86976-10  
 Matrix: AIR - Air Summa ID: A475  
 Method: TO-15  
 Project: Reckson, 50 Marcus Drive, Farmingdale, NY

Run #1	File ID 2W17467.D	DF 1	Analyzed 04/11/08	By BR	Prep Date n/a	Prep Batch n/a	Analytical Batch V2W760
Run #2							

Initial Volume
Run #1 400 ml
Run #2

CAS No.	MW	Compound	Result	RL	Units	Q	Result	RL	Units
67-64-1	58.08	Acetone	3.9	0.20	ppbv	9.3	0.48	ug/m3	
106-99-0	54.09	1,3-Butadiene	ND	0.20	ppbv	ND	0.44	ug/m3	
71-43-2	78.11	Benzene	0.24	0.20	ppbv	0.77	0.64	ug/m3	
75-27-4	163.8	Bromodichloromethane	ND	0.20	ppbv	ND	1.3	ug/m3	
75-25-2	252.8	Bromoform	ND	0.20	ppbv	ND	2.1	ug/m3	
74-83-9	94.94	Bromomethane	ND	0.20	ppbv	ND	0.78	ug/m3	
593-60-2	106.9	Bromoethene	ND	0.20	ppbv	ND	0.87	ug/m3	
100-44-7	126	Benzyl Chloride	ND	0.20	ppbv	ND	1.0	ug/m3	
75-15-0	76.14	Carbon disulfide	ND	0.20	ppbv	ND	0.62	ug/m3	
108-90-7	112.6	Chlorobenzene	ND	0.20	ppbv	ND	0.92	ug/m3	
75-00-3	64.52	Chloroethane	ND	0.20	ppbv	ND	0.53	ug/m3	
67-66-3	119.4	Chloroform	ND	0.20	ppbv	ND	0.98	ug/m3	
74-87-3	50.49	Chloromethane	0.52	0.20	ppbv	1.1	0.41	ug/m3	
107-05-1	76.53	3-Chloropropene	ND	0.20	ppbv	ND	0.63	ug/m3	
95-49-8	126.6	2-Chlorotoluene	ND	0.20	ppbv	ND	1.0	ug/m3	
56-23-5	153.8	Carbon tetrachloride	ND	0.20	ppbv	ND	1.3	ug/m3	
110-82-7	84.16	Cyclohexane	0.34	0.20	ppbv	1.2	0.69	ug/m3	
75-34-3	98.96	1,1-Dichloroethane	ND	0.20	ppbv	ND	0.81	ug/m3	
75-35-4	96.94	1,1-Dichloroethylene	ND	0.20	ppbv	ND	0.79	ug/m3	
106-93-4	187.9	1,2-Dibromoethane	ND	0.20	ppbv	ND	1.5	ug/m3	
107-06-2	98.96	1,2-Dichloroethane	ND	0.20	ppbv	ND	0.81	ug/m3	
78-87-5	113	1,2-Dichloropropane	ND	0.20	ppbv	ND	0.92	ug/m3	
123-91-1	88.12	1,4-Dioxane	ND	0.20	ppbv	ND	0.72	ug/m3	
75-71-8	120.9	Dichlorodifluoromethane	0.68	0.20	ppbv	3.4	0.99	ug/m3	
124-48-1	208.3	Dibromochloromethane	ND	0.20	ppbv	ND	1.7	ug/m3	
156-60-5	96.94	trans-1,2-Dichloroethylene	ND	0.20	ppbv	ND	0.79	ug/m3	
156-59-2	96.94	cis-1,2-Dichloroethylene	ND	0.20	ppbv	ND	0.79	ug/m3	
10061-01-5	111	cis-1,3-Dichloropropene	ND	0.20	ppbv	ND	0.91	ug/m3	
541-73-1	147	m-Dichlorobenzene	ND	0.20	ppbv	ND	1.2	ug/m3	
95-50-1	147	o-Dichlorobenzene	ND	0.20	ppbv	ND	1.2	ug/m3	
106-46-7	147	p-Dichlorobenzene	ND	0.20	ppbv	ND	1.2	ug/m3	
10061-02-6	111	trans-1,3-Dichloropropene	ND	0.20	ppbv	ND	0.91	ug/m3	

ND = Not detected

RL = Reporting Limit

E = Indicates value exceeds calibration range

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B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

## Report of Analysis

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Client Sample ID:	A-2	Date Sampled:	03/28/08
Lab Sample ID:	J86976-10	Date Received:	03/29/08
Matrix:	AIR - Air	Summa ID:	A475
Method:	TO-15	Percent Solids:	n/a
Project:	Reckson, 50 Marcus Drive, Farmingdale, NY		

CAS No.	MW	Compound	Result	RL	Units	Q	Result	RL	Units
64-17-5	46.07	Ethanol	19.9	0.50	ppbv		37.5	0.94	ug/m3
100-41-4	106.2	Ethylbenzene	0.25	0.20	ppbv		1.1	0.87	ug/m3
141-78-6	88	Ethyl Acetate	ND	0.20	ppbv		ND	0.72	ug/m3
622-96-8	120.2	4-Ethyltoluene	0.21	0.20	ppbv		1.0	0.98	ug/m3
76-13-1	187.4	Freon 113	ND	0.20	ppbv		ND	1.5	ug/m3
76-14-2	170.9	Freon 114	ND	0.20	ppbv		ND	1.4	ug/m3
142-82-5	100.2	Heptane	0.30	0.20	ppbv		1.2	0.82	ug/m3
87-68-3	260.8	Hexachlorobutadiene	ND	0.20	ppbv		ND	2.1	ug/m3
110-54-3	86.17	Hexane	0.32	0.20	ppbv		1.1	0.70	ug/m3
591-78-6	100	2-Hexanone	ND	0.20	ppbv		ND	0.82	ug/m3
67-63-0	60.1	Isopropyl Alcohol	5.7	0.20	ppbv		14	0.49	ug/m3
75-09-2	84.94	Methylene chloride	0.20	0.20	ppbv		0.69	0.69	ug/m3
78-93-3	72.11	Methyl ethyl ketone	0.48	0.20	ppbv		1.4	0.59	ug/m3
108-10-1	100.2	Methyl Isobutyl Ketone	ND	0.20	ppbv		ND	0.82	ug/m3
1634-04-4	88.15	Methyl Tert Butyl Ether	ND	0.20	ppbv		ND	0.72	ug/m3
115-07-1	42	Propylene	ND	0.50	ppbv		ND	0.86	ug/m3
100-42-5	104.1	Styrene	ND	0.20	ppbv		ND	0.85	ug/m3
71-55-6	133.4	1,1,1-Trichloroethane	ND	0.20	ppbv		ND	1.1	ug/m3
79-34-5	167.9	1,1,2,2-Tetrachloroethane	ND	0.20	ppbv		ND	1.4	ug/m3
79-00-5	133.4	1,1,2-Trichloroethane	ND	0.20	ppbv		ND	1.1	ug/m3
120-82-1	181.5	1,2,4-Trichlorobenzene	ND	0.20	ppbv		ND	1.5	ug/m3
95-63-6	120.2	1,2,4-Trimethylbenzene	1.2	0.20	ppbv		5.9	0.98	ug/m3
108-67-8	120.2	1,3,5-Trimethylbenzene	0.34	0.20	ppbv		1.7	0.98	ug/m3
540-84-1	114.2	2,2,4-Trimethylpentane	ND	0.20	ppbv		ND	0.93	ug/m3
75-65-0	74.12	Tertiary Butyl Alcohol	ND	0.20	ppbv		ND	0.61	ug/m3
127-18-4	165.8	Tetrachloroethylene	0.17	0.20	ppbv	J	1.2	1.4	ug/m3
109-99-9	72.11	Tetrahydrofuran	ND	0.20	ppbv		ND	0.59	ug/m3
108-88-3	92.14	Toluene	0.68	0.20	ppbv		2.6	0.75	ug/m3
79-01-6	131.4	Trichloroethylene	ND	0.20	ppbv		ND	1.1	ug/m3
75-69-4	137.4	Trichlorofluoromethane	0.33	0.20	ppbv		1.9	1.1	ug/m3
75-01-4	62.5	Vinyl chloride	ND	0.20	ppbv		ND	0.51	ug/m3
108-05-4	86	Vinyl Acetate	ND	0.20	ppbv		ND	0.70	ug/m3
	106.2	m,p-Xylene	0.68	0.20	ppbv		3.0	0.87	ug/m3
95-47-6	106.2	o-Xylene	ND	0.20	ppbv		ND	0.87	ug/m3
1330-20-7	106.2	Xylenes (total)	0.68	0.20	ppbv		3.0	0.87	ug/m3

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
460-00-4	4-Bromofluorobenzene	94%		78-124%

ND = Not detected

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J = Indicates an estimated value

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N = Indicates presumptive evidence of a compound

Accutest Laboratories

## Report of Analysis

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Client Sample ID:	B-1		
Lab Sample ID:	J86976-11	Date Sampled:	03/28/08
Matrix:	AIR - Air	Summa ID:	A193
Method:	TO-15	Date Received:	03/29/08
Project:	Reckson, 50 Marcus Drive, Farmingdale, NY		
	Percent Solids: n/a		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	2W17468.D	1	04/11/08	BR	n/a	n/a	V2W760
Run #2							

	Initial Volume
Run #1	400 ml
Run #2	

CAS No.	MW	Compound	Result	RL	Units	Q	Result	RL	Units
67-64-1	58.08	Acetone	3.0	0.20	ppbv		7.1	0.48	ug/m3
106-99-0	54.09	1,3-Butadiene	ND	0.20	ppbv		ND	0.44	ug/m3
71-43-2	78.11	Benzene	0.20	0.20	ppbv		0.64	0.64	ug/m3
75-27-4	163.8	Bromodichloromethane	ND	0.20	ppbv		ND	1.3	ug/m3
75-25-2	252.8	Bromoform	ND	0.20	ppbv		ND	2.1	ug/m3
74-83-9	94.94	Bromomethane	ND	0.20	ppbv		ND	0.78	ug/m3
593-60-2	106.9	Bromoethene	ND	0.20	ppbv		ND	0.87	ug/m3
100-44-7	126	Benzyl Chloride	ND	0.20	ppbv		ND	1.0	ug/m3
75-15-0	76.14	Carbon disulfide	ND	0.20	ppbv		ND	0.62	ug/m3
108-90-7	112.6	Chlorobenzene	ND	0.20	ppbv		ND	0.92	ug/m3
75-00-3	64.52	Chloroethane	ND	0.20	ppbv		ND	0.53	ug/m3
67-66-3	119.4	Chloroform	ND	0.20	ppbv		ND	0.98	ug/m3
74-87-3	50.49	Chloromethane	ND	0.54	0.20 <sup>b, 54</sup>	ppbv	ND 1.1	0.41 <sup>b, 1.1</sup>	ug/m3
107-05-1	76.53	3-Chloropropene	ND	0.20	ppbv		ND	0.63	ug/m3
95-49-8	126.6	2-Chlorotoluene	ND	0.20	ppbv		ND	1.0	ug/m3
56-23-5	153.8	Carbon tetrachloride	0.12	0.20	ppbv	J	0.75	1.3	ug/m3
110-82-7	84.16	Cyclohexane	ND	0.20	ppbv		ND	0.69	ug/m3
75-34-3	98.96	1,1-Dichloroethane	ND	0.20	ppbv		ND	0.81	ug/m3
75-35-4	96.94	1,1-Dichloroethylene	ND	0.20	ppbv		ND	0.79	ug/m3
106-93-4	187.9	1,2-Dibromoethane	ND	0.20	ppbv		ND	1.5	ug/m3
107-06-2	98.96	1,2-Dichloroethane	ND	0.20	ppbv		ND	0.81	ug/m3
78-87-5	113	1,2-Dichloropropane	ND	0.20	ppbv		ND	0.92	ug/m3
123-91-1	88.12	1,4-Dioxane	ND	0.20	ppbv		ND	0.72	ug/m3
75-71-8	120.9	Dichlorodifluoromethane	0.63	0.20	ppbv		3.1	0.99	ug/m3
124-48-1	208.3	Dibromochloromethane	ND	0.20	ppbv		ND	1.7	ug/m3
156-60-5	96.94	trans-1,2-Dichloroethylene	ND	0.20	ppbv		ND	0.79	ug/m3
156-59-2	96.94	cis-1,2-Dichloroethylene	ND	0.20	ppbv		ND	0.79	ug/m3
10061-01-5	111	cis-1,3-Dichloropropene	ND	0.20	ppbv		ND	0.91	ug/m3
541-73-1	147	m-Dichlorobenzene	ND	0.20	ppbv		ND	1.2	ug/m3
95-50-1	147	o-Dichlorobenzene	ND	0.20	ppbv		ND	1.2	ug/m3
106-46-7	147	p-Dichlorobenzene	ND	0.20	ppbv		ND	1.2	ug/m3
10061-02-6	111	trans-1,3-Dichloropropene	ND	0.20	ppbv		ND	0.91	ug/m3

ND = Not detected

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J = Indicates an estimated value

B = Indicates analyte found in associated method blank

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## Report of Analysis

Page 2 of 2

Client Sample ID:	B-1	Date Sampled:	03/28/08
Lab Sample ID:	J86976-11	Date Received:	03/29/08
Matrix:	AIR - Air	Summa ID:	A193
Method:	TO-15	Percent Solids:	n/a
Project:	Reckson, 50 Marcus Drive, Farmingdale, NY		

CAS No.	MW	Compound	Result	RL	Units	Q	Result	RL	Units
64-17-5	46.07	Ethanol	2.5	0.50	ppbv		4.7	0.94	ug/m3
100-41-4	106.2	Ethylbenzene	0.28	0.20	ppbv		1.2	0.87	ug/m3
141-78-6	88	Ethyl Acetate	ND	0.20	ppbv		ND	0.72	ug/m3
622-96-8	120.2	4-Ethyltoluene	ND	0.20	ppbv		ND	0.98	ug/m3
76-13-1	187.4	Freon 113	ND	0.20	ppbv		ND	1.5	ug/m3
76-14-2	170.9	Freon 114	ND	0.20	ppbv		ND	1.4	ug/m3
142-82-5	100.2	Heptane	ND	0.20	ppbv		ND	0.82	ug/m3
87-68-3	260.8	Hexachlorobutadiene	ND	0.20	ppbv		ND	2.1	ug/m3
110-54-3	86.17	Hexane	ND	0.20	ppbv		ND	0.70	ug/m3
591-78-6	100	2-Hexanone	ND	0.20	ppbv		ND	0.82	ug/m3
67-63-0	60.1	Isopropyl Alcohol	0.96	0.20	ppbv		2.4	0.49	ug/m3
75-09-2	84.94	Methylene chloride	0.35	0.20	ppbv		1.2	0.69	ug/m3
78-93-3	72.11	Methyl ethyl ketone	0.41	0.20	ppbv		1.2	0.59	ug/m3
108-10-1	100.2	Methyl Isobutyl Ketone	ND	0.20	ppbv		ND	0.82	ug/m3
1634-04-4	88.15	Methyl Tert Butyl Ether	ND	0.20	ppbv		ND	0.72	ug/m3
115-07-1	42	Propylene	ND	0.50	ppbv		ND	0.86	ug/m3
100-42-5	104.1	Styrene	ND	0.20	ppbv		ND	0.85	ug/m3
71-55-6	133.4	1,1,1-Trichloroethane	ND	0.20	ppbv		ND	1.1	ug/m3
79-34-5	167.9	1,1,2,2-Tetrachloroethane	ND	0.20	ppbv		ND	1.4	ug/m3
79-00-5	133.4	1,1,2-Trichloroethane	ND	0.20	ppbv		ND	1.1	ug/m3
120-82-1	181.5	1,2,4-Trichlorobenzene	ND	0.20	ppbv		ND	1.5	ug/m3
95-63-6	120.2	1,2,4-Trimethylbenzene	0.76	0.20	ppbv		3.7	0.98	ug/m3
108-67-8	120.2	1,3,5-Trimethylbenzene	0.20	0.20	ppbv		0.98	0.98	ug/m3
540-84-1	114.2	2,2,4-Trimethylpentane	ND	0.20	ppbv		ND	0.93	ug/m3
75-65-0	74.12	Tertiary Butyl Alcohol	ND	0.22	0.20 <sup>0.22</sup>	ppbv	ND	0.67	0.61 <sup>0.6</sup> ug/m3
127-18-4	165.8	Tetrachloroethylene	ND	0.20	ppbv		ND	1.4	ug/m3
109-99-9	72.11	Tetrahydrofuran	ND	0.20	ppbv		ND	0.59	ug/m3
108-88-3	92.14	Toluene	0.96	0.20	ppbv		3.6	0.75	ug/m3
79-01-6	131.4	Trichloroethylene	ND	0.20	ppbv		ND	1.1	ug/m3
75-69-4	137.4	Trichlorofluoromethane	0.37	0.20	ppbv		2.1	1.1	ug/m3
75-01-4	62.5	Vinyl chloride	ND	0.20	ppbv		ND	0.51	ug/m3
108-05-4	86	Vinyl Acetate	ND	0.20	ppbv		ND	0.70	ug/m3
	106.2	m,p-Xylene	1.0	0.20	ppbv		4.3	0.87	ug/m3
95-47-6	106.2	o-Xylene	0.42	0.20	ppbv		1.8	0.87	ug/m3
1330-20-7	106.2	Xylenes (total)	1.5	0.20	ppbv		6.5	0.87	ug/m3

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
460-00-4	4-Bromofluorobenzene	92%		78-124%

ND = Not detected

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