Rec 9/3/10
Put on BRRTS 9/3/10
(437)

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September 1, 2010

Phil Richards
Wisconsin Dept. of Natural Resources
875 S 4th Avenue
Park Falls, WI 54552-1130

Lois Baldwin
517 South Fourth Street
Luck, WI 54853

RE: Results of the 8-Hour TWA Indoor Vapor Sampling
The Laundry Basket, 300 S. Main Street, Luck, WI
WDNR BRRTS No. 02-49-544893

Dear Phil and Lois:

Enclosed are the results of the indoor air sampling completed at the Laundry Basket on July 27, 2010. Comments regarding the sampling are as follows.

- The 8-hour TWA samples were collected in the following locations:
  - "Basement" area beneath the ice cream parlor,
  - "Outdoor" sample in the foyer leading into the Laundromat, and
  - "Store Room" sample behind the counter for the Laundromat in the small area approximately 8 feet from the former dry-cleaning apparatus location.
- No preparation for the air sampling was conducted in the building in that no special ventilation was conducted and/or windows opened or kept closed.
- The outside temperature was 70 degrees when the air samples were initiated and approximately 85 when they were collected.
- The Store Room sample was collected approximately 8 feet from the former dry cleaning apparatus. The dry cleaning equipment was removed from the property approximately 2-years ago.
- The Laundromat sends out dry cleaning to Osceola Cleaners and those cleaned garments are stored near the counter. It is not known if Osceola Cleaners uses Perc in its operations.

A final invoice for the project will be prepared next week. Once that check has cleared, we will prepare the DERF claim for the project.

Please contact me if you have any questions.

Sincerely,

MSA Professional Services, Inc.

Brian Hegge
Project Manager
DRA;
Enc.
Cc: Brian and Sherry Hacker

Table 1
Ambient Air Sampling Results
Laundry Basket
Luck, Wisconsin

Sample ID	Basement		Outside		Store Room		Carcinogenic Target Risk (TR) = 1E-05	Noncancer Hazard Index (HI) = 1
Date	7/27/2010		7/27/2010		7/27/2010			
Compounds	Result	Report Limit	Result	Report Limit	Result	Report Limit		
Acetone	<25.5	25.5	8.5	0.69	23.1	0.69	NS	135000
Benzene	<34.5	34.5	2.3	0.93	1.4	0.93	15.7	131
2-Butanone (MEK)	<31.9	31.9	<0.86	0.86	3.3	0.86	NS	21900
Chloroform	<52.6	52.6	<1.4	1.4	**5.1**	1.4	5.33	4.28
Chloromethane	<22.3	22.3	<0.60	0.6	1.0	0.6	NS	394
Cyclohexane	<36.1	36.1	2.8	0.97	4.2	0.97	NS	26300
Dichlorodifluoromethane	<53.2	53.2	2.1	1.4	2.6	1.4	NS	876
Ethyl acetate	<38.8	38.8	<1.0	1	4.7	1	NS	NS
Methylene Chloride	66.2	37.7	<1.0	1	5.5	1	261	4560
4-Methyl-2-pentanone(MIBK)	<44.1	44.1	<1.2	1.2	16.6	1.2	NS	13100
n-Heptane	<44.1	44.1	2.0	1.2	16.2	1.2	NS	NS
n-Hexane	<38.3	38.3	3.9	1	2.5	1	NS	3070
Propylene	<18.6	18.6	128	0.5	1.2	0.5	NS	13100
Tetrachloroethene	**466**	74.4	8.0	2	**1530**	40	20.8	1190
Toluene	<40.9	40.9	5.2	1.1	7.8	1.1	NS	21900
Trichloroethene	<58.5	58.5	<1.6	1.6	1.9	1.6	61.3	NS
Trichlorofluoromethane	<58.5	58.5	<1.6	1.6	1.8	1.6	NS	3070

Carcinogenic Target Risk and Noncancer Hazard Index screening levels were obtained from the website
http://www.epa.gov/reg3hwmd/risk/human/rb-concentration_table/index.htm
NS indicates no screening level was provided
All results are in ug/m^3
Bold values are over either the carcinogenic or noncancer action levels.

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August 05, 2010

Brian Hegge
MSA Professional Services
301 W 1st Street, Suite 408
Duluth, MN 55802

RE: Project: 6080801 Laundry Basket
Pace Project No.: 10134594

Dear Brian Hegge:
Enclosed are the analytical results for sample(s) received by the laboratory on July 29, 2010. The results relate only to the samples included in this report. Results reported herein conform to the most current NELAC standards, where applicable, unless otherwise narrated in the body of the report.

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

Sincerely,

Carol Davy

Carol Davy

carol.davy@pacelabs.com
Project Manager

Enclosures

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CERTIFICATIONS

Project: 6080801 Laundry Basket
Pace Project No.: 10134594

Minnesota Certification IDs
1700 Elm Street SE Suite 200, Minneapolis, MN 55414
Alaska Certification #: UST-078
Alaska Certification #MN00064
Arizona Certification #: AZ-0014
Arkansas Certification #: 88-0680
California Certification #: 01155CA
EPA Region 8 Certification #: Pace
Florida/NELAP Certification #: E87605
Georgia Certification #: 959
Idaho Certification #: MN00064
Illinois Certification #: 200011
Iowa Certification #: 368
Kansas Certification #: E-10167
Louisiana Certification #: 03086
Louisiana Certification #: LA080009
Maine Certification #: 2007029
Maryland Certification #: 322
Michigan DEQ Certification #: 9909
Minnesota Certification #: 027-053-137
Mississippi Certification #: Pace
Montana Certification #: MT CERT0092
Nevada Certification #: MN_00064
Nebraska Certification #: Pace
New Jersey Certification #: MN-002
New Mexico Certification #: Pace
New York Certification #: 11647
North Carolina Certification #: 530
North Dakota Certification #: R-036
North Dakota Certification #: R-036A
Ohio VAP Certification #: CL101
Oklahoma Certification #: D9921
Oklahoma Certification #: 9507
Oregon Certification #: MN200001
Pennsylvania Certification #: 68-00563
Puerto Rico Certification
Tennessee Certification #: 02818
Texas Certification #: T104704192
Washington Certification #: C754
Wisconsin Certification #: 999407970

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SAMPLE SUMMARY

Project: 6080801 Laundry Basket
Pace Project No.: 10134594

Lab ID	Sample ID	Matrix	Date Collected	Date Received
10134594001	**StoreRoom**	Air	07/27/10 16:30	07/29/10 08:37
10134594002	**Basement**	Air	07/27/10 16:30	07/29/10 08:37
10134594003	**Outside**	Air	07/27/10 16:15	07/29/10 08:37

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SAMPLE ANALYTE COUNT

Project: 6080801 Laundry Basket
Pace Project No.: 10134594

Lab ID	Sample ID	Method	Analysts	Analytes Reported
10134594001	**StoreRoom**	TO-15	DB1, SK3	61
10134594002	**Basement**	TO-15	DB1	61
10134594003	**Outside**	TO-15	DB1	61

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PROJECT NARRATIVE

Project: 6080801 Laundry Basket
Pace Project No.: 10134594

Method: **TO-15**
Description: TO15 MSV AIR
Client: MSA Professional Services
Date: August 05, 2010

General Information:
3 samples were analyzed for TO-15. All samples were received in acceptable condition with any exceptions noted below.

Hold Time:
The samples were analyzed within the method required hold times with any exceptions noted below.

Initial Calibrations (including MS Tune as applicable):
All criteria were within method requirements with any exceptions noted below.

QC Batch: AIR/10631

SS: This analyte did not meet the secondary source verification criteria for the initial calibration. The reported result should be considered an estimated value.

- DUP (Lab ID: 832848)
  - Naphthalene
- LCS (Lab ID: 831935)
  - 1,2,4-Trichlorobenzene
  - Hexachloro-1,3-butadiene
  - Naphthalene
  - Tetrahydrofuran

Continuing Calibration:
All criteria were within method requirements with any exceptions noted below.

Internal Standards:
All internal standards were within QC limits with any exceptions noted below.

Method Blank:
All analytes were below the report limit in the method blank with any exceptions noted below.

QC Batch: AIR/10631

B-: Analyte detected in method blank but was not detected in the associated samples.

- BLANK (Lab ID: 831934)
  - Ethanol

Laboratory Control Spike:
All laboratory control spike compounds were within QC limits with any exceptions noted below.

Duplicate Sample:
All duplicate sample results were within method acceptance criteria with any exceptions noted below.

Additional Comments:

Sample Comments:

K3: The Total Hydrocarbon (THC) pattern is evenly distributed throughout the chromatogram (before and after toluene).

- StoreRoom (Lab ID: 10134594001)

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PROJECT NARRATIVE

Project: 00000001 Laundry Basket
Pace Project No.: 10134594

Method: **TO-15**
Description: TO15 MSV AIR
Client: MSA Professional Services
Date: August 05, 2010

Sample Comments:

K1: The Total Hydrocarbon (THC) pattern occured in the first half of the chromatogram (before toluene).
- Basement (Lab ID: 10134594002)
- Outside (Lab ID: 10134594003)

Analyte Comments:

QC Batch: AIR/10631

E: Analyte concentration exceeded the calibration range. The reported result is estimated.
- Outside (Lab ID: 10134594003)
  - Propylene

This data package has been reviewed for quality and completeness and is approved for release.

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ANALYTICAL RESULTS

Project: 6080801 Laundry Basket
Pace Project No.: 10134594

Sample: StoreRoom **Lab ID: 10134594001** Collected: 07/27/10 16:30 Received: 07/29/10 08:37 Matrix: Air

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
TO15 MSV AIR	Analytical Method: TO-15								
Acetone	**23.1**	ug/m3	0.69	0.34	1.43		08/03/10 04:44	67-64-1	
Benzene	**1.4**	ug/m3	0.93	0.46	1.43		08/03/10 04:44	71-43-2	
Benzyl chloride	ND	ug/m3	30.0	15.0	28.6		08/04/10 22:42	100-44-7	
Bromodichloromethane	ND	ug/m3	2.0	1.0	1.43		08/03/10 04:44	75-27-4	
Bromoform	ND	ug/m3	3.0	1.5	1.43		08/03/10 04:44	75-25-2	
Bromomethane	ND	ug/m3	1.1	0.56	1.43		08/03/10 04:44	74-83-9	
1,3-Butadiene	ND	ug/m3	0.64	0.32	1.43		08/03/10 04:44	106-99-0	
2-Butanone (MEK)	**3.3**	ug/m3	0.86	0.43	1.43		08/03/10 04:44	78-93-3	
Carbon disulfide	ND	ug/m3	0.90	0.45	1.43		08/03/10 04:44	75-15-0	
Carbon tetrachloride	ND	ug/m3	1.9	0.93	1.43		08/03/10 04:44	56-23-5	
Chlorobenzene	ND	ug/m3	1.3	0.67	1.43		08/03/10 04:44	108-90-7	
Chloroethane	ND	ug/m3	0.77	0.39	1.43		08/03/10 04:44	75-00-3	
Chloroform	**5.1**	ug/m3	1.4	0.71	1.43		08/03/10 04:44	67-66-3	
Chloromethane	**1.0**	ug/m3	0.60	0.30	1.43		08/03/10 04:44	74-87-3	
Cyclohexane	**4.2**	ug/m3	0.97	0.49	1.43		08/03/10 04:44	110-82-7	
Dibromochloromethane	ND	ug/m3	2.4	1.2	1.43		08/03/10 04:44	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/m3	2.3	1.1	1.43		08/03/10 04:44	106-93-4	
1,2-Dichlorobenzene	ND	ug/m3	1.7	0.86	1.43		08/03/10 04:44	95-50-1	
1,3-Dichlorobenzene	ND	ug/m3	1.7	0.86	1.43		08/03/10 04:44	541-73-1	
1,4-Dichlorobenzene	ND	ug/m3	1.7	0.86	1.43		08/03/10 04:44	106-46-7	
Dichlorodifluoromethane	**2.6**	ug/m3	1.4	0.72	1.43		08/03/10 04:44	75-71-8	
1,1-Dichloroethane	ND	ug/m3	1.2	0.59	1.43		08/03/10 04:44	75-34-3	
1,2-Dichloroethane	ND	ug/m3	1.2	0.59	1.43		08/03/10 04:44	107-06-2	
1,1-Dichloroethene	ND	ug/m3	1.2	0.58	1.43		08/03/10 04:44	75-35-4	
cis-1,2-Dichloroethene	ND	ug/m3	1.2	0.58	1.43		08/03/10 04:44	156-59-2	
trans-1,2-Dichloroethene	ND	ug/m3	1.2	0.58	1.43		08/03/10 04:44	156-60-5	
1,2-Dichloropropane	ND	ug/m3	1.3	0.67	1.43		08/03/10 04:44	78-87-5	
cis-1,3-Dichloropropene	ND	ug/m3	1.3	0.66	1.43		08/03/10 04:44	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/m3	1.3	0.66	1.43		08/03/10 04:44	10061-02-6	
Dichlorotetrafluoroethane	ND	ug/m3	2.0	1.0	1.43		08/03/10 04:44	76-14-2	
Ethanol	ND	ug/m3	54.3	24.3	28.6		08/04/10 22:42	64-17-5	
Ethyl acetate	**4.7**	ug/m3	1.0	0.52	1.43		08/03/10 04:44	141-78-6	
Ethylbenzene	ND	ug/m3	1.3	0.63	1.43		08/03/10 04:44	100-41-4	
4-Ethyltoluene	ND	ug/m3	3.6	1.8	1.43		08/03/10 04:44	622-96-8	
n-Heptane	**16.2**	ug/m3	1.2	0.59	1.43		08/03/10 04:44	142-82-5	
Hexachloro-1,3-butadiene	ND	ug/m3	3.1	1.6	1.43		08/03/10 04:44	87-68-3	
n-Hexane	**2.5**	ug/m3	1.0	0.51	1.43		08/03/10 04:44	110-54-3	
2-Hexanone	ND	ug/m3	1.2	0.59	1.43		08/03/10 04:44	591-78-6	
Methylene Chloride	**5.5**	ug/m3	1.0	0.51	1.43		08/03/10 04:44	75-09-2	
4-Methyl-2-pentanone (MIBK)	**16.6**	ug/m3	1.2	0.59	1.43		08/03/10 04:44	108-10-1	
Methyl-tert-butyl ether	ND	ug/m3	1.0	0.52	1.43		08/03/10 04:44	1634-04-4	
Naphthalene	ND	ug/m3	3.9	1.9	1.43		08/03/10 04:44	91-20-3	
2-Propanol	ND	ug/m3	3.6	1.8	1.43		08/03/10 04:44	67-63-0	
Propylene	**1.2**	ug/m3	0.50	0.25	1.43		08/03/10 04:44	115-07-1	
Styrene	ND	ug/m3	1.2	0.62	1.43		08/03/10 04:44	100-42-5	
1,1,2,2-Tetrachloroethane	ND	ug/m3	2.0	1.0	1.43		08/03/10 04:44	79-34-5	

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ANALYTICAL RESULTS

Project: 6080801 Laundry Basket
Pace Project No.: 10134594

Sample: StoreRoom **Lab ID: 10134594001** Collected: 07/27/10 16:30 Received: 07/29/10 08:37 Matrix: Air

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
TO15 MSV AIR	Analytical Method: TO-15								
Tetrachloroethene	**1530**	ug/m3	40.0	20.0	28.6		08/04/10 22:42	127-18-4	
Tetrahydrofuran	ND	ug/m3	0.86	0.43	1.43		08/03/10 04:44	109-99-9	
Toluene	**7.8**	ug/m3	1.1	0.55	1.43		08/03/10 04:44	108-88-3	
1,2,4-Trichlorobenzene	ND	ug/m3	1.4	0.71	1.43		08/03/10 04:44	120-82-1	
1,1,1-Trichloroethane	ND	ug/m3	1.6	0.79	1.43		08/03/10 04:44	71-55-6	
1,1,2-Trichloroethane	ND	ug/m3	1.6	0.79	1.43		08/03/10 04:44	79-00-5	
Trichloroethene	**1.9**	ug/m3	1.6	0.79	1.43		08/03/10 04:44	79-01-6	
Trichlorofluoromethane	**1.8**	ug/m3	1.6	0.79	1.43		08/03/10 04:44	75-69-4	
1,1,2-Trichlorotrifluoroethane	ND	ug/m3	2.3	1.1	1.43		08/03/10 04:44	76-13-1	
1,2,4-Trimethylbenzene	ND	ug/m3	3.6	1.8	1.43		08/03/10 04:44	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/m3	3.6	1.8	1.43		08/03/10 04:44	108-67-8	
Vinyl acetate	ND	ug/m3	1.0	0.51	1.43		08/03/10 04:44	108-05-4	
Vinyl chloride	ND	ug/m3	0.74	0.37	1.43		08/03/10 04:44	75-01-4	
m&p-Xylene	ND	ug/m3	2.5	1.3	1.43		08/03/10 04:44	1330-20-7	
o-Xylene	ND	ug/m3	1.3	0.63	1.43		08/03/10 04:44	95-47-6	

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ANALYTICAL RESULTS

Project: 6080801 Laundry Basket
Pace Project No.: 10134594

Sample: Basement **Lab ID: 10134594002** Collected: 07/27/10 16:30 Received: 07/29/10 08:37 Matrix: Air

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
TO15 MSV AIR	Analytical Method: TO-15								
Acetone	ND	ug/m3	25.5	12.8	53.15		08/04/10 23:55	67-64-1	
Benzene	ND	ug/m3	34.5	17.3	53.15		08/04/10 23:55	71-43-2	
Benzyl chloride	ND	ug/m3	55.8	27.9	53.15		08/04/10 23:55	100-44-7	
Bromodichloromethane	ND	ug/m3	74.4	37.2	53.15		08/04/10 23:55	75-27-4	
Bromoform	ND	ug/m3	112	55.8	53.15		08/04/10 23:55	75-25-2	
Bromomethane	ND	ug/m3	42.0	21.0	53.15		08/04/10 23:55	74-83-9	
1,3-Butadiene	ND	ug/m3	23.9	12.0	53.15		08/04/10 23:55	106-99-0	
2-Butanone (MEK)	ND	ug/m3	31.9	15.9	53.15		08/04/10 23:55	78-93-3	
Carbon disulfide	ND	ug/m3	33.5	16.7	53.15		08/04/10 23:55	75-15-0	
Carbon tetrachloride	ND	ug/m3	69.1	34.5	53.15		08/04/10 23:55	56-23-5	
Chlorobenzene	ND	ug/m3	50.0	25.0	53.15		08/04/10 23:55	108-90-7	
Chloroethane	ND	ug/m3	28.7	14.4	53.15		08/04/10 23:55	75-00-3	
Chloroform	ND	ug/m3	52.6	26.3	53.15		08/04/10 23:55	67-66-3	
Chloromethane	ND	ug/m3	22.3	11.2	53.15		08/04/10 23:55	74-87-3	
Cyclohexane	ND	ug/m3	36.1	18.1	53.15		08/04/10 23:55	110-82-7	
Dibromochloromethane	ND	ug/m3	90.4	45.2	53.15		08/04/10 23:55	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/m3	85.0	42.5	53.15		08/04/10 23:55	106-93-4	
1,2-Dichlorobenzene	ND	ug/m3	63.8	31.9	53.15		08/04/10 23:55	95-50-1	
1,3-Dichlorobenzene	ND	ug/m3	63.8	31.9	53.15		08/04/10 23:55	541-73-1	
1,4-Dichlorobenzene	ND	ug/m3	63.8	31.9	53.15		08/04/10 23:55	106-46-7	
Dichlorodifluoromethane	ND	ug/m3	53.2	26.6	53.15		08/04/10 23:55	75-71-8	
1,1-Dichloroethane	ND	ug/m3	43.6	21.8	53.15		08/04/10 23:55	75-34-3	
1,2-Dichloroethane	ND	ug/m3	43.6	21.8	53.15		08/04/10 23:55	107-06-2	
1,1-Dichloroethene	ND	ug/m3	43.1	21.5	53.15		08/04/10 23:55	75-35-4	
cis-1,2-Dichloroethene	ND	ug/m3	43.1	21.5	53.15		08/04/10 23:55	156-59-2	
trans-1,2-Dichloroethene	ND	ug/m3	43.1	21.5	53.15		08/04/10 23:55	156-60-5	
1,2-Dichloropropane	ND	ug/m3	50.0	25.0	53.15		08/04/10 23:55	78-87-5	
cis-1,3-Dichloropropene	ND	ug/m3	48.9	24.4	53.15		08/04/10 23:55	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/m3	48.9	24.4	53.15		08/04/10 23:55	10061-02-6	
Dichlorotetrafluoroethane	ND	ug/m3	74.4	37.2	53.15		08/04/10 23:55	76-14-2	
Ethanol	ND	ug/m3	101	45.2	53.15		08/04/10 23:55	64-17-5	
Ethyl acetate	ND	ug/m3	38.8	19.4	53.15		08/04/10 23:55	141-78-6	
Ethylbenzene	ND	ug/m3	46.8	23.4	53.15		08/04/10 23:55	100-41-4	
4-Ethyltoluene	ND	ug/m3	133	66.4	53.15		08/04/10 23:55	622-96-8	
n-Heptane	ND	ug/m3	44.1	22.1	53.15		08/04/10 23:55	142-82-5	
Hexachloro-1,3-butadiene	ND	ug/m3	117	58.5	53.15		08/04/10 23:55	87-68-3	
n-Hexane	ND	ug/m3	38.3	19.1	53.15		08/04/10 23:55	110-54-3	
2-Hexanone	ND	ug/m3	44.1	22.1	53.15		08/04/10 23:55	591-78-6	
Methylene Chloride	**66.2**	ug/m3	37.7	18.9	53.15		08/04/10 23:55	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/m3	44.1	22.1	53.15		08/04/10 23:55	108-10-1	
Methyl-tert-butyl ether	ND	ug/m3	38.8	19.4	53.15		08/04/10 23:55	1634-04-4	
Naphthalene	ND	ug/m3	144	71.8	53.15		08/04/10 23:55	91-20-3	
2-Propanol	ND	ug/m3	133	66.4	53.15		08/04/10 23:55	67-63-0	
Propylene	ND	ug/m3	18.6	9.3	53.15		08/04/10 23:55	115-07-1	
Styrene	ND	ug/m3	46.2	23.1	53.15		08/04/10 23:55	100-42-5	
1,1,2,2-Tetrachloroethane	ND	ug/m3	74.4	37.2	53.15		08/04/10 23:55	79-34-5	

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ANALYTICAL RESULTS

Project: 6060601 Laundry Basket
Pace Project No.: 10134594

Sample: Basement **Lab ID: 10134594002** Collected: 07/27/10 16:30 Received: 07/29/10 08:37 Matrix: Air

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
TO15 MSV AIR	Analytical Method: TO-15								
Tetrachloroethene	**466**	ug/m3	74.4	37.2	53.15		08/04/10 23:55	127-18-4	
Tetrahydrofuran	ND	ug/m3	31.9	15.9	53.15		08/04/10 23:55	109-99-9	
Toluene	ND	ug/m3	40.9	20.5	53.15		08/04/10 23:55	108-88-3	
1,2,4-Trichlorobenzene	ND	ug/m3	52.6	26.3	53.15		08/04/10 23:55	120-82-1	
1,1,1-Trichloroethane	ND	ug/m3	58.5	29.2	53.15		08/04/10 23:55	71-55-6	
1,1,2-Trichloroethane	ND	ug/m3	58.5	29.2	53.15		08/04/10 23:55	79-00-5	
Trichloroethene	ND	ug/m3	58.5	29.2	53.15		08/04/10 23:55	79-01-6	
Trichlorofluoromethane	ND	ug/m3	58.5	29.2	53.15		08/04/10 23:55	75-69-4	
1,1,2-Trichlorotrifluoroethane	ND	ug/m3	85.0	42.5	53.15		08/04/10 23:55	76-13-1	
1,2,4-Trimethylbenzene	ND	ug/m3	133	66.4	53.15		08/04/10 23:55	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/m3	133	66.4	53.15		08/04/10 23:55	108-67-8	
Vinyl acetate	ND	ug/m3	37.7	18.9	53.15		08/04/10 23:55	108-05-4	
Vinyl chloride	ND	ug/m3	27.6	13.8	53.15		08/04/10 23:55	75-01-4	
m&p-Xylene	ND	ug/m3	93.5	46.8	53.15		08/04/10 23:55	1330-20-7	
o-Xylene	ND	ug/m3	46.8	23.4	53.15		08/04/10 23:55	95-47-6	

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ANALYTICAL RESULTS

Project: 6080801 Laundry Basket
Pace Project No.: 10134594

Sample: Outside **Lab ID: 10134594003** Collected: 07/27/10 16:15 Received: 07/29/10 08:37 Matrix: Air

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
TO15 MSV AIR	Analytical Method: TO-15								
Acetone	**8.5**	ug/m3	0.69	0.34	1.43		08/03/10 05:42	67-64-1	
Benzene	**2.3**	ug/m3	0.93	0.46	1.43		08/03/10 05:42	71-43-2	
Benzyl chloride	ND	ug/m3	1.5	0.75	1.43		08/04/10 03:14	100-44-7	
Bromodichloromethane	ND	ug/m3	2.0	1.0	1.43		08/03/10 05:42	75-27-4	
Bromoform	ND	ug/m3	3.0	1.5	1.43		08/03/10 05:42	75-25-2	
Bromomethane	ND	ug/m3	1.1	0.56	1.43		08/03/10 05:42	74-83-9	
1,3-Butadiene	ND	ug/m3	0.64	0.32	1.43		08/03/10 05:42	106-99-0	
2-Butanone (MEK)	ND	ug/m3	0.86	0.43	1.43		08/03/10 05:42	78-93-3	
Carbon disulfide	ND	ug/m3	0.90	0.45	1.43		08/03/10 05:42	75-15-0	
Carbon tetrachloride	ND	ug/m3	1.9	0.93	1.43		08/03/10 05:42	56-23-5	
Chlorobenzene	ND	ug/m3	1.3	0.67	1.43		08/03/10 05:42	108-90-7	
Chloroethane	ND	ug/m3	0.77	0.39	1.43		08/03/10 05:42	75-00-3	
Chloroform	ND	ug/m3	1.4	0.71	1.43		08/03/10 05:42	67-66-3	
Chloromethane	ND	ug/m3	0.60	0.30	1.43		08/03/10 05:42	74-87-3	
Cyclohexane	**2.8**	ug/m3	0.97	0.49	1.43		08/03/10 05:42	110-82-7	
Dibromochloromethane	ND	ug/m3	2.4	1.2	1.43		08/03/10 05:42	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/m3	2.3	1.1	1.43		08/03/10 05:42	106-93-4	
1,2-Dichlorobenzene	ND	ug/m3	1.7	0.86	1.43		08/03/10 05:42	95-50-1	
1,3-Dichlorobenzene	ND	ug/m3	1.7	0.86	1.43		08/03/10 05:42	541-73-1	
1,4-Dichlorobenzene	ND	ug/m3	1.7	0.86	1.43		08/03/10 05:42	106-46-7	
Dichlorodifluoromethane	**2.1**	ug/m3	1.4	0.72	1.43		08/03/10 05:42	75-71-8	
1,1-Dichloroethane	ND	ug/m3	1.2	0.59	1.43		08/03/10 05:42	75-34-3	
1,2-Dichloroethane	ND	ug/m3	1.2	0.59	1.43		08/03/10 05:42	107-06-2	
1,1-Dichloroethene	ND	ug/m3	1.2	0.58	1.43		08/03/10 05:42	75-35-4	
cis-1,2-Dichloroethene	ND	ug/m3	1.2	0.58	1.43		08/03/10 05:42	156-59-2	
trans-1,2-Dichloroethene	ND	ug/m3	1.2	0.58	1.43		08/03/10 05:42	156-60-5	
1,2-Dichloropropane	ND	ug/m3	1.3	0.67	1.43		08/03/10 05:42	78-87-5	
cis-1,3-Dichloropropene	ND	ug/m3	1.3	0.66	1.43		08/03/10 05:42	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/m3	1.3	0.66	1.43		08/03/10 05:42	10061-02-6	
Dichlorotetrafluoroethane	ND	ug/m3	2.0	1.0	1.43		08/03/10 05:42	76-14-2	
Ethanol	ND	ug/m3	2.7	1.2	1.43		08/04/10 03:14	64-17-5	
Ethyl acetate	ND	ug/m3	1.0	0.52	1.43		08/03/10 05:42	141-78-6	
Ethylbenzene	ND	ug/m3	1.3	0.63	1.43		08/03/10 05:42	100-41-4	
4-Ethyltoluene	ND	ug/m3	3.6	1.8	1.43		08/03/10 05:42	622-96-8	
n-Heptane	**2.0**	ug/m3	1.2	0.59	1.43		08/03/10 05:42	142-82-5	
Hexachloro-1,3-butadiene	ND	ug/m3	3.1	1.6	1.43		08/03/10 05:42	87-68-3	
n-Hexane	**3.9**	ug/m3	1.0	0.51	1.43		08/03/10 05:42	110-54-3	
2-Hexanone	ND	ug/m3	1.2	0.59	1.43		08/03/10 05:42	591-78-6	
Methylene Chloride	ND	ug/m3	1.0	0.51	1.43		08/03/10 05:42	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/m3	1.2	0.59	1.43		08/03/10 05:42	108-10-1	
Methyl-tert-butyl ether	ND	ug/m3	1.0	0.52	1.43		08/03/10 05:42	1634-04-4	
Naphthalene	ND	ug/m3	3.9	1.9	1.43		08/03/10 05:42	91-20-3	
2-Propanol	ND	ug/m3	3.6	1.8	1.43		08/03/10 05:42	67-63-0	
Propylene	**128**	ug/m3	0.50	0.25	1.43		08/03/10 05:42	115-07-1	E
Styrene	ND	ug/m3	1.2	0.62	1.43		08/03/10 05:42	100-42-5	
1,1,2,2-Tetrachloroethane	ND	ug/m3	2.0	1.0	1.43		08/03/10 05:42	79-34-5	

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ANALYTICAL RESULTS

Project: 6080801 Laundry Basket
Pace Project No.: 10134594

Sample: Outside **Lab ID: 10134594003** Collected: 07/27/10 16:15 Received: 07/29/10 08:37 Matrix: Air

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
TO15 MSV AIR	Analytical Method: TO-15								
Tetrachloroethene	**8.0**	ug/m3	2.0	1.0	1.43		08/03/10 05:42	127-18-4	
Tetrahydrofuran	ND	ug/m3	0.86	0.43	1.43		08/03/10 05:42	109-99-9	
Toluene	**5.2**	ug/m3	1.1	0.55	1.43		08/03/10 05:42	108-88-3	
1,2,4-Trichlorobenzene	ND	ug/m3	1.4	0.71	1.43		08/03/10 05:42	120-82-1	
1,1,1-Trichloroethane	ND	ug/m3	1.6	0.79	1.43		08/03/10 05:42	71-55-6	
1,1,2-Trichloroethane	ND	ug/m3	1.6	0.79	1.43		08/03/10 05:42	79-00-5	
Trichloroethene	ND	ug/m3	1.6	0.79	1.43		08/03/10 05:42	79-01-6	
Trichlorofluoromethane	ND	ug/m3	1.6	0.79	1.43		08/03/10 05:42	75-69-4	
1,1,2-Trichlorotrifluoroethane	ND	ug/m3	2.3	1.1	1.43		08/03/10 05:42	76-13-1	
1,2,4-Trimethylbenzene	ND	ug/m3	3.6	1.8	1.43		08/03/10 05:42	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/m3	3.6	1.8	1.43		08/03/10 05:42	108-67-8	
Vinyl acetate	ND	ug/m3	1.0	0.51	1.43		08/03/10 05:42	108-05-4	
Vinyl chloride	ND	ug/m3	0.74	0.37	1.43		08/03/10 05:42	75-01-4	
m&p-Xylene	ND	ug/m3	2.5	1.3	1.43		08/03/10 05:42	1330-20-7	
o-Xylene	ND	ug/m3	1.3	0.63	1.43		08/03/10 05:42	95-47-6	

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QUALITY CONTROL DATA

Project: 6080801 Laundry Basket
Pace Project No.: 10134594

QC Batch: AIR/10631 Analysis Method: TO-15
QC Batch Method: TO-15 Analysis Description: TO15 MSV AIR Low Level
Associated Lab Samples: 10134594001, 10134594003

METHOD BLANK: 831934 Matrix: Air
Associated Lab Samples: 10134594001, 10134594003

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1-Trichloroethane	ug/m3	ND	1.1	08/02/10 19:04	
1,1,2,2-Tetrachloroethane	ug/m3	ND	1.4	08/02/10 19:04	
1,1,2-Trichloroethane	ug/m3	ND	1.1	08/02/10 19:04	
1,1,2-Trichlorotrifluoroethane	ug/m3	ND	1.6	08/02/10 19:04	
1,1-Dichloroethane	ug/m3	ND	0.82	08/02/10 19:04	
1,1-Dichloroethene	ug/m3	ND	0.81	08/02/10 19:04	
1,2,4-Trichlorobenzene	ug/m3	ND	0.99	08/02/10 19:04	
1,2,4-Trimethylbenzene	ug/m3	ND	2.5	08/02/10 19:04	
1,2-Dibromoethane (EDB)	ug/m3	ND	1.6	08/02/10 19:04	
1,2-Dichlorobenzene	ug/m3	ND	1.2	08/02/10 19:04	
1,2-Dichloroethane	ug/m3	ND	0.82	08/02/10 19:04	
1,2-Dichloropropane	ug/m3	ND	0.94	08/02/10 19:04	
1,3,5-Trimethylbenzene	ug/m3	ND	2.5	08/02/10 19:04	
1,3-Butadiene	ug/m3	ND	0.45	08/02/10 19:04	
1,3-Dichlorobenzene	ug/m3	ND	1.2	08/02/10 19:04	
1,4-Dichlorobenzene	ug/m3	ND	1.2	08/02/10 19:04	
2-Butanone (MEK)	ug/m3	ND	0.60	08/02/10 19:04	
2-Hexanone	ug/m3	ND	0.83	08/02/10 19:04	
2-Propanol	ug/m3	ND	2.5	08/02/10 19:04	
4-Ethyltoluene	ug/m3	ND	2.5	08/02/10 19:04	
4-Methyl-2-pentanone (MIBK)	ug/m3	ND	0.83	08/02/10 19:04	
Acetone	ug/m3	ND	0.48	08/02/10 19:04	
Benzene	ug/m3	ND	0.65	08/02/10 19:04	
Benzyl chloride	ug/m3	ND	1.0	08/03/10 19:10	
Bromodichloromethane	ug/m3	ND	1.4	08/02/10 19:04	
Bromoform	ug/m3	ND	2.1	08/02/10 19:04	
Bromomethane	ug/m3	ND	0.79	08/02/10 19:04	
Carbon disulfide	ug/m3	ND	0.63	08/02/10 19:04	
Carbon tetrachloride	ug/m3	ND	1.3	08/02/10 19:04	
Chlorobenzene	ug/m3	ND	0.94	08/02/10 19:04	
Chloroethane	ug/m3	ND	0.54	08/02/10 19:04	
Chloroform	ug/m3	ND	0.99	08/02/10 19:04	
Chloromethane	ug/m3	ND	0.42	08/02/10 19:04	
cis-1,2-Dichloroethene	ug/m3	ND	0.81	08/02/10 19:04	
cis-1,3-Dichloropropene	ug/m3	ND	0.92	08/02/10 19:04	
Cyclohexane	ug/m3	ND	0.68	08/02/10 19:04	
Dibromochloromethane	ug/m3	ND	1.7	08/02/10 19:04	
Dichlorodifluoromethane	ug/m3	ND	1.0	08/02/10 19:04	
Dichlorotetrafluoroethane	ug/m3	ND	1.4	08/02/10 19:04	
Ethanol	ug/m3	2.2	1.9	08/03/10 19:10	B-
Ethyl acetate	ug/m3	ND	0.73	08/02/10 19:04	
Ethylbenzene	ug/m3	ND	0.88	08/02/10 19:04	
Hexachloro-1,3-butadiene	ug/m3	ND	2.2	08/02/10 19:04	

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QUALITY CONTROL DATA

Project: 6080801 Laundry Basket
Pace Project No.: 10134594

METHOD BLANK: 831934 Matrix: Air

Associated Lab Samples: 10134594001, 10134594003

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
m&p-Xylene	ug/m3	ND	1.8	08/02/10 19:04	
Methyl-tert-butyl ether	ug/m3	ND	0.73	08/02/10 19:04	
Methylene Chloride	ug/m3	ND	0.71	08/02/10 19:04	
n-Heptane	ug/m3	ND	0.83	08/02/10 19:04	
n-Hexane	ug/m3	ND	0.72	08/02/10 19:04	
Naphthalene	ug/m3	ND	2.7	08/02/10 19:04	
o-Xylene	ug/m3	ND	0.88	08/02/10 19:04	
Propylene	ug/m3	ND	0.35	08/02/10 19:04	
Styrene	ug/m3	ND	0.87	08/02/10 19:04	
Tetrachloroethene	ug/m3	ND	1.4	08/02/10 19:04	
Tetrahydrofuran	ug/m3	ND	0.60	08/02/10 19:04	
Toluene	ug/m3	ND	0.77	08/02/10 19:04	
trans-1,2-Dichloroethene	ug/m3	ND	0.81	08/02/10 19:04	
trans-1,3-Dichloropropene	ug/m3	ND	0.92	08/02/10 19:04	
Trichloroethene	ug/m3	ND	1.1	08/02/10 19:04	
Trichlorofluoromethane	ug/m3	ND	1.1	08/02/10 19:04	
Vinyl acetate	ug/m3	ND	0.71	08/02/10 19:04	
Vinyl chloride	ug/m3	ND	0.52	08/02/10 19:04	

LABORATORY CONTROL SAMPLE: 831935

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1-Trichloroethane	ug/m3	55.5	45.5	82	75-135	
1,1,2,2-Tetrachloroethane	ug/m3	69.8	58.9	84	69-131	
1,1,2-Trichloroethane	ug/m3	55.5	46.3	83	64-127	
1,1,2-Trichlorotrifluoroethane	ug/m3	77.9	65.5	84	53-125	
1,1-Dichloroethane	ug/m3	41.2	37.1	90	60-125	
1,1-Dichloroethene	ug/m3	40.3	34.5	86	69-128	
1,2,4-Trichlorobenzene	ug/m3	75.5	67.3	89	30-150	SS
1,2,4-Trimethylbenzene	ug/m3	50	48.3	97	61-150	
1,2-Dibromoethane (EDB)	ug/m3	78.1	66.1	85	68-136	
1,2-Dichlorobenzene	ug/m3	61.2	50.5	83	59-150	
1,2-Dichloroethane	ug/m3	41.2	34.1	83	66-127	
1,2-Dichloropropane	ug/m3	47	41.3	88	75-134	
1,3,5-Trimethylbenzene	ug/m3	50	39.1	78	71-150	
1,3-Butadiene	ug/m3	22.5	19.2	85	67-126	
1,3-Dichlorobenzene	ug/m3	61.2	60.4	99	58-147	
1,4-Dichlorobenzene	ug/m3	61.2	49.4	81	62-143	
2-Butanone (MEK)	ug/m3	30	29.2	97	52-139	
2-Hexanone	ug/m3	41.7	40.3	97	61-138	
2-Propanol	ug/m3	23.8	27.9	117	30-146	
4-Ethyltoluene	ug/m3	50	40.0	80	55-134	
4-Methyl-2-pentanone (MIBK)	ug/m3	41.7	32.7	78	60-135	
Acetone	ug/m3	24.2	22.6	94	61-135	
Benzene	ug/m3	32.5	26.2	81	71-125	

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QUALITY CONTROL DATA

Project: 6080801 Laundry Basket
Pace Project No.: 10134594

LABORATORY CONTROL SAMPLE: 831935

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Benzyl chloride	ug/m3	52.5	66.6	127	70-130	
Bromodichloromethane	ug/m3	68.2	57.7	85	66-136	
Bromoform	ug/m3	105	89.8	85	62-132	
Bromomethane	ug/m3	39.5	36.5	92	69-125	
Carbon disulfide	ug/m3	31.7	28.3	89	75-150	
Carbon tetrachloride	ug/m3	64	51.1	80	60-145	
Chlorobenzene	ug/m3	46.8	38.5	82	73-143	
Chloroethane	ug/m3	26.8	24.8	92	71-128	
Chloroform	ug/m3	49.7	42.1	85	73-137	
Chloromethane	ug/m3	21	19.2	92	64-125	
cis-1,2-Dichloroethene	ug/m3	40.3	35.2	87	67-131	
cis-1,3-Dichloropropene	ug/m3	46.2	40.6	88	75-150	
Cyclohexane	ug/m3	35	30.5	87	75-141	
Dibromochloromethane	ug/m3	86.6	73.8	85	64-127	
Dichlorodifluoromethane	ug/m3	50.3	40.2	80	69-124	
Dichlorotetrafluoroethane	ug/m3	71.1	57.6	81	59-125	
Ethanol	ug/m3	19.2	24.1	126	30-150	
Ethyl acetate	ug/m3	36.6	33.7	92	75-150	
Ethylbenzene	ug/m3	44.2	35.2	80	75-150	
Hexachloro-1,3-butadiene	ug/m3	108	112	103	30-150	SS
m&p-Xylene	ug/m3	44.2	85.0	193	68-138	
Methyl-tert-butyl ether	ug/m3	36.7	33.9	92	75-134	
Methylene Chloride	ug/m3	35.3	32.7	93	45-125	
n-Heptane	ug/m3	41.7	32.7	79	65-125	
n-Hexane	ug/m3	35.8	29.6	83	67-141	
Naphthalene	ug/m3	53.3	49.0	92	30-150	SS
o-Xylene	ug/m3	44.2	35.9	81	69-143	
Propylene	ug/m3	17.5	14.6	83	65-140	
Styrene	ug/m3	43.3	36.4	84	62-137	
Tetrachloroethene	ug/m3	69	66.5	96	68-136	
Tetrahydrofuran	ug/m3	30	19.6	65	51-125	SS
Toluene	ug/m3	38.3	35.8	93	70-128	
trans-1,2-Dichloroethene	ug/m3	40.3	36.8	91	69-131	
trans-1,3-Dichloropropene	ug/m3	46.2	42.5	92	65-135	
Trichloroethene	ug/m3	54.6	44.1	81	75-147	
Trichlorofluoromethane	ug/m3	57.1	46.5	81	63-127	
Vinyl acetate	ug/m3	35.8	32.9	92	68-136	
Vinyl chloride	ug/m3	26	23.5	91	66-125	

SAMPLE DUPLICATE: 832848

Parameter	Units	10134525001 Result	Dup Result	RPD	Max RPD	Qualifiers
1,1,1-Trichloroethane	ug/m3	ND	ND		30	
1,1,2,2-Tetrachloroethane	ug/m3	ND	ND		30	
1,1,2-Trichloroethane	ug/m3	ND	ND		30	
1,1,2-Trichlorotrifluoroethane	ug/m3	ND	ND		30	
1,1-Dichloroethane	ug/m3	ND	ND		30	

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QUALITY CONTROL DATA

Project: 6080801 Laundry Basket
Pace Project No.: 10134594

SAMPLE DUPLICATE: 832848

Parameter	Units	10134525001 Result	Dup Result	RPD	Max RPD	Qualifiers
1,1-Dichloroethene	ug/m3	ND	ND		30	
1,2,4-Trichlorobenzene	ug/m3	ND	ND		30	
1,2,4-Trimethylbenzene	ug/m3	ND	ND		30	
1,2-Dibromoethane (EDB)	ug/m3	ND	ND		30	
1,2-Dichlorobenzene	ug/m3	ND	ND		30	
1,2-Dichloroethane	ug/m3	ND	ND		30	
1,2-Dichloropropane	ug/m3	ND	ND		30	
1,3,5-Trimethylbenzene	ug/m3	ND	ND		30	
1,3-Butadiene	ug/m3	ND	ND		30	
1,3-Dichlorobenzene	ug/m3	ND	ND		30	
1,4-Dichlorobenzene	ug/m3	ND	ND		30	
2-Butanone (MEK)	ug/m3	23.7	23.1	2	30	
2-Hexanone	ug/m3	1.2	1.2		30	
2-Propanol	ug/m3	ND	ND		30	
4-Ethyltoluene	ug/m3	ND	ND		30	
4-Methyl-2-pentanone (MIBK)	ug/m3	2.1	2.2	1	30	
Acetone	ug/m3	70.5	69.4	2	30	
Benzene	ug/m3	5.1	5.0	1	30	
Benzyl chloride	ug/m3	ND	ND		30	
Bromodichloromethane	ug/m3	ND	ND		30	
Bromoform	ug/m3	ND	ND		30	
Bromomethane	ug/m3	ND	ND		30	
Carbon disulfide	ug/m3	6.5	6.5	.8	30	
Carbon tetrachloride	ug/m3	ND	ND		30	
Chlorobenzene	ug/m3	ND	ND		30	
Chloroethane	ug/m3	ND	ND		30	
Chloroform	ug/m3	ND	ND		30	
Chloromethane	ug/m3	ND	ND		30	
cis-1,2-Dichloroethene	ug/m3	ND	ND		30	
cis-1,3-Dichloropropene	ug/m3	ND	ND		30	
Cyclohexane	ug/m3	1.5	1.5	.6	30	
Dibromochloromethane	ug/m3	ND	ND		30	
Dichlorodifluoromethane	ug/m3	58.2	57.1	2	30	
Dichlorotetrafluoroethane	ug/m3	ND	ND		30	
Ethanol	ug/m3	ND	3.7J		30	
Ethyl acetate	ug/m3	ND	ND		30	
Ethylbenzene	ug/m3	ND	1J		30	
Hexachloro-1,3-butadiene	ug/m3	ND	ND		30	
m&p-Xylene	ug/m3	ND	1.7J		30	
Methyl-tert-butyl ether	ug/m3	ND	ND		30	
Methylene Chloride	ug/m3	ND	ND		30	
n-Heptane	ug/m3	2.2	2.1	4	30	
n-Hexane	ug/m3	3.3	3.1	6	30	
Naphthalene	ug/m3	ND	3.1J		30	SS
o-Xylene	ug/m3	ND	1.1J		30	
Propylene	ug/m3	62.6	61.0	3	30	
Styrene	ug/m3	ND	.88J		30	
Tetrachloroethene	ug/m3	ND	ND		30	

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QUALITY CONTROL DATA

Project: 6080801 Laundry Basket
Pace Project No.: 10134594

SAMPLE DUPLICATE: 832848

Parameter	Units	10134525001 Result	Dup Result	RPD	Max RPD	Qualifiers
Tetrahydrofuran	ug/m3	ND	ND		30	
Toluene	ug/m3	3.7	3.8	2	30	
trans-1,2-Dichloroethene	ug/m3	ND	ND		30	
trans-1,3-Dichloropropene	ug/m3	ND	ND		30	
Trichloroethene	ug/m3	ND	ND		30	
Trichlorofluoromethane	ug/m3	ND	1.2J		30	
Vinyl acetate	ug/m3	ND	ND		30	
Vinyl chloride	ug/m3	ND	ND		30	

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QUALITY CONTROL DATA

Project: 6080801 Laundry Basket
Pace Project No.: 10134594

QC Batch: AIR/10640 Analysis Method: TO-15
QC Batch Method: TO-15 Analysis Description: TO15 MSV AIR Low Level
Associated Lab Samples: 10134594002

METHOD BLANK: 832884 Matrix: Air
Associated Lab Samples: 10134594002

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1-Trichloroethane	ug/m3	ND	1.1	08/04/10 21:00	
1,1,2,2-Tetrachloroethane	ug/m3	ND	1.4	08/04/10 21:00	
1,1,2-Trichloroethane	ug/m3	ND	1.1	08/04/10 21:00	
1,1,2-Trichlorotrifluoroethane	ug/m3	ND	1.6	08/04/10 21:00	
1,1-Dichloroethane	ug/m3	ND	0.82	08/04/10 21:00	
1,1-Dichloroethene	ug/m3	ND	0.81	08/04/10 21:00	
1,2,4-Trichlorobenzene	ug/m3	ND	0.99	08/04/10 21:00	
1,2,4-Trimethylbenzene	ug/m3	ND	2.5	08/04/10 21:00	
1,2-Dibromoethane (EDB)	ug/m3	ND	1.6	08/04/10 21:00	
1,2-Dichlorobenzene	ug/m3	ND	1.2	08/04/10 21:00	
1,2-Dichloroethane	ug/m3	ND	0.82	08/04/10 21:00	
1,2-Dichloropropane	ug/m3	ND	0.94	08/04/10 21:00	
1,3,5-Trimethylbenzene	ug/m3	ND	2.5	08/04/10 21:00	
1,3-Butadiene	ug/m3	ND	0.45	08/04/10 21:00	
1,3-Dichlorobenzene	ug/m3	ND	1.2	08/04/10 21:00	
1,4-Dichlorobenzene	ug/m3	ND	1.2	08/04/10 21:00	
2-Butanone (MEK)	ug/m3	ND	0.60	08/04/10 21:00	
2-Hexanone	ug/m3	ND	0.83	08/04/10 21:00	
2-Propanol	ug/m3	ND	2.5	08/04/10 21:00	
4-Ethyltoluene	ug/m3	ND	2.5	08/04/10 21:00	
4-Methyl-2-pentanone (MIBK)	ug/m3	ND	0.83	08/04/10 21:00	
Acetone	ug/m3	ND	0.48	08/04/10 21:00	
Benzene	ug/m3	ND	0.65	08/04/10 21:00	
Benzyl chloride	ug/m3	ND	1.0	08/04/10 21:00	
Bromodichloromethane	ug/m3	ND	1.4	08/04/10 21:00	
Bromoform	ug/m3	ND	2.1	08/04/10 21:00	
Bromomethane	ug/m3	ND	0.79	08/04/10 21:00	
Carbon disulfide	ug/m3	ND	0.63	08/04/10 21:00	
Carbon tetrachloride	ug/m3	ND	1.3	08/04/10 21:00	
Chlorobenzene	ug/m3	ND	0.94	08/04/10 21:00	
Chloroethane	ug/m3	ND	0.54	08/04/10 21:00	
Chloroform	ug/m3	ND	0.99	08/04/10 21:00	
Chloromethane	ug/m3	ND	0.42	08/04/10 21:00	
cis-1,2-Dichloroethene	ug/m3	ND	0.81	08/04/10 21:00	
cis-1,3-Dichloropropene	ug/m3	ND	0.92	08/04/10 21:00	
Cyclohexane	ug/m3	ND	0.68	08/04/10 21:00	
Dibromochloromethane	ug/m3	ND	1.7	08/04/10 21:00	
Dichlorodifluoromethane	ug/m3	ND	1.0	08/04/10 21:00	
Dichlorotetrafluoroethane	ug/m3	ND	1.4	08/04/10 21:00	
Ethanol	ug/m3	ND	1.9	08/04/10 21:00	
Ethyl acetate	ug/m3	ND	0.73	08/04/10 21:00	
Ethylbenzene	ug/m3	ND	0.88	08/04/10 21:00	
Hexachloro-1,3-butadiene	ug/m3	ND	2.2	08/04/10 21:00	

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QUALITY CONTROL DATA

Project: 6080801 Laundry Basket
Pace Project No.: 10134594

METHOD BLANK: 832884 Matrix: Air

Associated Lab Samples: 10134594002

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
m&p-Xylene	ug/m3	ND	1.8	08/04/10 21:00	
Methyl-tert-butyl ether	ug/m3	ND	0.73	08/04/10 21:00	
Methylene Chloride	ug/m3	ND	0.71	08/04/10 21:00	
n-Heptane	ug/m3	ND	0.83	08/04/10 21:00	
n-Hexane	ug/m3	ND	0.72	08/04/10 21:00	
Naphthalene	ug/m3	ND	2.7	08/04/10 21:00	
o-Xylene	ug/m3	ND	0.88	08/04/10 21:00	
Propylene	ug/m3	ND	0.35	08/04/10 21:00	
Styrene	ug/m3	ND	0.87	08/04/10 21:00	
Tetrachloroethene	ug/m3	ND	1.4	08/04/10 21:00	
Tetrahydrofuran	ug/m3	ND	0.60	08/04/10 21:00	
Toluene	ug/m3	ND	0.77	08/04/10 21:00	
trans-1,2-Dichloroethene	ug/m3	ND	0.81	08/04/10 21:00	
trans-1,3-Dichloropropene	ug/m3	ND	0.92	08/04/10 21:00	
Trichloroethene	ug/m3	ND	1.1	08/04/10 21:00	
Trichlorofluoromethane	ug/m3	ND	1.1	08/04/10 21:00	
Vinyl acetate	ug/m3	ND	0.71	08/04/10 21:00	
Vinyl chloride	ug/m3	ND	0.52	08/04/10 21:00	

LABORATORY CONTROL SAMPLE: 832885

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1-Trichloroethane	ug/m3	55.5	48.9	88	75-135	
1,1,2,2-Tetrachloroethane	ug/m3	69.8	59.5	85	69-131	
1,1,2-Trichloroethane	ug/m3	55.5	48.1	87	64-127	
1,1,2-Trichlorotrifluoroethane	ug/m3	77.9	67.7	87	53-125	
1,1-Dichloroethane	ug/m3	41.2	36.1	88	60-125	
1,1-Dichloroethene	ug/m3	40.3	35.5	88	69-128	
1,2,4-Trichlorobenzene	ug/m3	75.5	67.8	90	30-150	
1,2,4-Trimethylbenzene	ug/m3	50	42.1	84	61-150	
1,2-Dibromoethane (EDB)	ug/m3	78.1	67.6	87	68-136	
1,2-Dichlorobenzene	ug/m3	61.2	53.2	87	59-150	
1,2-Dichloroethane	ug/m3	41.2	36.1	88	66-127	
1,2-Dichloropropane	ug/m3	47	41.0	87	75-134	
1,3,5-Trimethylbenzene	ug/m3	50	42.0	84	71-150	
1,3-Butadiene	ug/m3	22.5	22.2	99	67-126	
1,3-Dichlorobenzene	ug/m3	61.2	51.5	84	58-147	
1,4-Dichlorobenzene	ug/m3	61.2	52.1	85	62-143	
2-Butanone (MEK)	ug/m3	30	27.4	91	52-139	
2-Hexanone	ug/m3	41.7	37.3	90	61-138	
2-Propanol	ug/m3	23.8	21.1	89	30-146	
4-Ethyltoluene	ug/m3	50	42.1	84	55-134	
4-Methyl-2-pentanone (MIBK)	ug/m3	41.7	37.3	89	60-135	
Acetone	ug/m3	24.2	21.2	88	61-135	
Benzene	ug/m3	32.5	28.4	87	71-125	

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QUALITY CONTROL DATA

Project: 6080801 Laundry Basket
Pace Project No.: 10134594

LABORATORY CONTROL SAMPLE: 832885

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Benzyl chloride	ug/m3	52.5	46.5	89	70-130	
Bromodichloromethane	ug/m3	68.2	60.2	88	66-136	
Bromoform	ug/m3	105	90.6	86	62-132	
Bromomethane	ug/m3	39.5	35.8	91	69-125	
Carbon disulfide	ug/m3	31.7	28.1	89	75-150	
Carbon tetrachloride	ug/m3	64	56.0	87	60-145	
Chlorobenzene	ug/m3	46.8	40.5	86	73-143	
Chloroethane	ug/m3	26.8	24.9	93	71-128	
Chloroform	ug/m3	49.7	43.9	88	73-137	
Chloromethane	ug/m3	21	18.5	88	64-125	
cis-1,2-Dichloroethene	ug/m3	40.3	36.1	90	67-131	
cis-1,3-Dichloropropene	ug/m3	46.2	41.6	90	75-150	
Cyclohexane	ug/m3	35	30.7	88	75-141	
Dibromochloromethane	ug/m3	86.6	75.6	87	64-127	
Dichlorodifluoromethane	ug/m3	50.3	39.0	77	69-124	
Dichlorotetrafluoroethane	ug/m3	71.1	62.0	87	59-125	
Ethanol	ug/m3	19.2	16.7	87	30-150	
Ethyl acetate	ug/m3	36.6	32.8	89	75-150	
Ethylbenzene	ug/m3	44.2	37.4	85	75-150	
Hexachloro-1,3-butadiene	ug/m3	108	97.8	90	30-150	
m&p-Xylene	ug/m3	44.2	37.8	86	68-138	
Methyl-tert-butyl ether	ug/m3	36.7	33.5	91	75-134	
Methylene Chloride	ug/m3	35.3	31.6	89	45-125	
n-Heptane	ug/m3	41.7	37.3	90	65-125	
n-Hexane	ug/m3	35.8	32.6	91	67-141	
Naphthalene	ug/m3	53.3	48.9	92	30-150	
o-Xylene	ug/m3	44.2	37.4	85	69-143	
Propylene	ug/m3	17.5	14.4	82	65-140	
Styrene	ug/m3	43.3	36.7	85	62-137	
Tetrachloroethene	ug/m3	69	59.5	86	68-136	
Tetrahydrofuran	ug/m3	30	27.3	91	51-125	
Toluene	ug/m3	38.3	33.0	86	70-128	
trans-1,2-Dichloroethene	ug/m3	40.3	35.5	88	69-131	
trans-1,3-Dichloropropene	ug/m3	46.2	41.9	91	65-135	
Trichloroethene	ug/m3	54.6	48.4	89	75-147	
Trichlorofluoromethane	ug/m3	57.1	49.8	87	63-127	
Vinyl acetate	ug/m3	35.8	31.4	88	68-136	
Vinyl chloride	ug/m3	26	23.9	92	66-125	

SAMPLE DUPLICATE: 833765

Parameter	Units	10134594002 Result	Dup Result	RPD	Max RPD	Qualifiers
1,1,1-Trichloroethane	ug/m3	ND	ND		30	
1,1,2,2-Tetrachloroethane	ug/m3	ND	ND		30	
1,1,2-Trichloroethane	ug/m3	ND	ND		30	
1,1,2-Trichlorotrifluoroethane	ug/m3	ND	ND		30	
1,1-Dichloroethane	ug/m3	ND	ND		30	

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QUALITY CONTROL DATA

Project: 6080801 Laundry Basket
Pace Project No.: 10134594

SAMPLE DUPLICATE: 833765

Parameter	Units	10134594002 Result	Dup Result	RPD	Max RPD	Qualifiers
1,1-Dichloroethene	ug/m3	ND	ND		30	
1,2,4-Trichlorobenzene	ug/m3	ND	ND		30	
1,2,4-Trimethylbenzene	ug/m3	ND	ND		30	
1,2-Dibromoethane (EDB)	ug/m3	ND	ND		30	
1,2-Dichlorobenzene	ug/m3	ND	ND		30	
1,2-Dichloroethane	ug/m3	ND	ND		30	
1,2-Dichloropropane	ug/m3	ND	ND		30	
1,3,5-Trimethylbenzene	ug/m3	ND	ND		30	
1,3-Butadiene	ug/m3	ND	ND		30	
1,3-Dichlorobenzene	ug/m3	ND	ND		30	
1,4-Dichlorobenzene	ug/m3	ND	ND		30	
2-Butanone (MEK)	ug/m3	ND	ND		30	
2-Hexanone	ug/m3	ND	ND		30	
2-Propanol	ug/m3	ND	ND		30	
4-Ethyltoluene	ug/m3	ND	ND		30	
4-Methyl-2-pentanone (MIBK)	ug/m3	ND	ND		30	
Acetone	ug/m3	ND	ND		30	
Benzene	ug/m3	ND	ND		30	
Benzyl chloride	ug/m3	ND	ND		30	
Bromodichloromethane	ug/m3	ND	ND		30	
Bromoform	ug/m3	ND	ND		30	
Bromomethane	ug/m3	ND	ND		30	
Carbon disulfide	ug/m3	ND	ND		30	
Carbon tetrachloride	ug/m3	ND	ND		30	
Chlorobenzene	ug/m3	ND	ND		30	
Chloroethane	ug/m3	ND	ND		30	
Chloroform	ug/m3	ND	ND		30	
Chloromethane	ug/m3	ND	ND		30	
cis-1,2-Dichloroethene	ug/m3	ND	ND		30	
cis-1,3-Dichloropropene	ug/m3	ND	ND		30	
Cyclohexane	ug/m3	ND	ND		30	
Dibromochloromethane	ug/m3	ND	ND		30	
Dichlorodifluoromethane	ug/m3	ND	ND		30	
Dichlorotetrafluoroethane	ug/m3	ND	ND		30	
Ethanol	ug/m3	ND	50.6J		30	
Ethyl acetate	ug/m3	ND	ND		30	
Ethylbenzene	ug/m3	ND	ND		30	
Hexachloro-1,3-butadiene	ug/m3	ND	ND		30	
m&p-Xylene	ug/m3	ND	ND		30	
Methyl-tert-butyl ether	ug/m3	ND	ND		30	
Methylene Chloride	ug/m3	66.2	70.8	7	30	
n-Heptane	ug/m3	ND	ND		30	
n-Hexane	ug/m3	ND	ND		30	
Naphthalene	ug/m3	ND	ND		30	
o-Xylene	ug/m3	ND	ND		30	
Propylene	ug/m3	ND	ND		30	
Styrene	ug/m3	ND	ND		30	
Tetrachloroethene	ug/m3	466	460	1	30	

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QUALITY CONTROL DATA

Project: 6080801 Laundry Basket
Pace Project No.: 10134594

SAMPLE DUPLICATE: 833765

Parameter	Units	10134594002 Result	Dup Result	RPD	Max RPD	Qualifiers
Tetrahydrofuran	ug/m3	ND	ND		30	
Toluene	ug/m3	ND	28.5J		30	
trans-1,2-Dichloroethene	ug/m3	ND	ND		30	
trans-1,3-Dichloropropene	ug/m3	ND	ND		30	
Trichloroethene	ug/m3	ND	ND		30	
Trichlorofluoromethane	ug/m3	ND	ND		30	
Vinyl acetate	ug/m3	ND	ND		30	
Vinyl chloride	ug/m3	ND	ND		30	

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QUALIFIERS

Project: 6080801 Laundry Basket
Pace Project No.: 10134594

DEFINITIONS

DF - Dilution Factor, if reported, represents the factor applied to the reported data due to changes in sample preparation, dilution of the sample aliquot, or moisture content.

ND - Not Detected at or above adjusted reporting limit.

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

MDL - Adjusted Method Detection Limit.

S - Surrogate

1,2-Diphenylhydrazine (8270 listed analyte) decomposes to Azobenzene.

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

LCS(D) - Laboratory Control Sample (Duplicate)

MS(D) - Matrix Spike (Duplicate)

DUP - Sample Duplicate

RPD - Relative Percent Difference

NC - Not Calculable.

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

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

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SAMPLE QUALIFIERS

Sample: 10134594001

[1] The Total Hydrocarbon (THC) pattern is evenly distributed throughout the chromatogram (before and after toluene).

Sample: 10134594002

[1] The Total Hydrocarbon (THC) pattern occured in the first half of the chromatogram (before toluene).

Sample: 10134594003

[1] The Total Hydrocarbon (THC) pattern occured in the first half of the chromatogram (before toluene).

ANALYTE QUALIFIERS

B-	Analyte detected in method blank but was not detected in the associated samples.
E	Analyte concentration exceeded the calibration range. The reported result is estimated.
SS	This analyte did not meet the secondary source verification criteria for the initial calibration. The reported result should be considered an estimated value.

Data File: \\192.168.10.12\chem\10air0.i\080210.b\21442.D
Report Date: 03-Aug-2010 15:49

Pace Analytical Services, Inc.

TENTATIVELY IDENTIFIED COMPOUNDS

Client Name:
Lab Smp Id: 10134594001
Operator : DB1
Sample Location:
Sample Matrix: AIR
Analysis Type: VOA
Inj Date: 03-AUG-2010 04:44

Client SDG: 080210.b

Sample Date:
Sample Point:
Date Received:
Level: LOW

Number TICs found: 10

CONCENTRATION UNITS:
(ug/L or ug/KG) ppbv

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.		Unknown	3.477	17.3	J
2.	78-78-4	Butane, 2-methyl-	4.350	6.22	NJ
3.	591-76-4	Hexane, 2-methyl-	6.829	3.04	NJ
4.	589-34-4	Hexane, 3-methyl-	7.009	4.09	NJ
5.		Unknown	9.869	4.70	J
6.	80-56-8	.alpha.-Pinene	12.977	3.01	NJ
7.	13151-98-9	Cyclooctane, 1,4-dimethyl-,	14.401	2.43	NJ
8.	5989-27-5	D-Limonene	14.961	5.22	NJ
9.	41446-66-6	5-Tetradecene, (E)-	15.814	10.7	NJ
10.	0-00-0	p-Trimethylsilyloxyphenyl-b	16.634	4.86	NJ

Data File: \\192.168.10.12\chem\10air0.i\080210.b\21442.D
Report Date: 03-Aug-2010 15:49

Pace Analytical Services, Inc.

TO15 Analysis (UNIX)

Data file : \\192.168.10.12\chem\10air0.i\080210.b\21442.D
Lab Smp Id: 10134594001
Inj Date : 03-AUG-2010 04:44
Operator : DB1 Inst ID: 10air0.i
Smp Info :
Misc Info : 10631
Comment : Volatile Organic COMPOUNDS in Air
Method : \\192.168.10.12\chem\10air0.i\080210.b\TO15_214-10.m
Meth Date : 03-Aug-2010 13:49 10air0.i Quant Type: ISTD
Cal Date : 02-AUG-2010 16:13 Cal File: 21416.D
Als bottle: 42
Dil Factor: 1.43000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 4.14

Concentration Formula: Amt * DF * Uf * CpndVariable

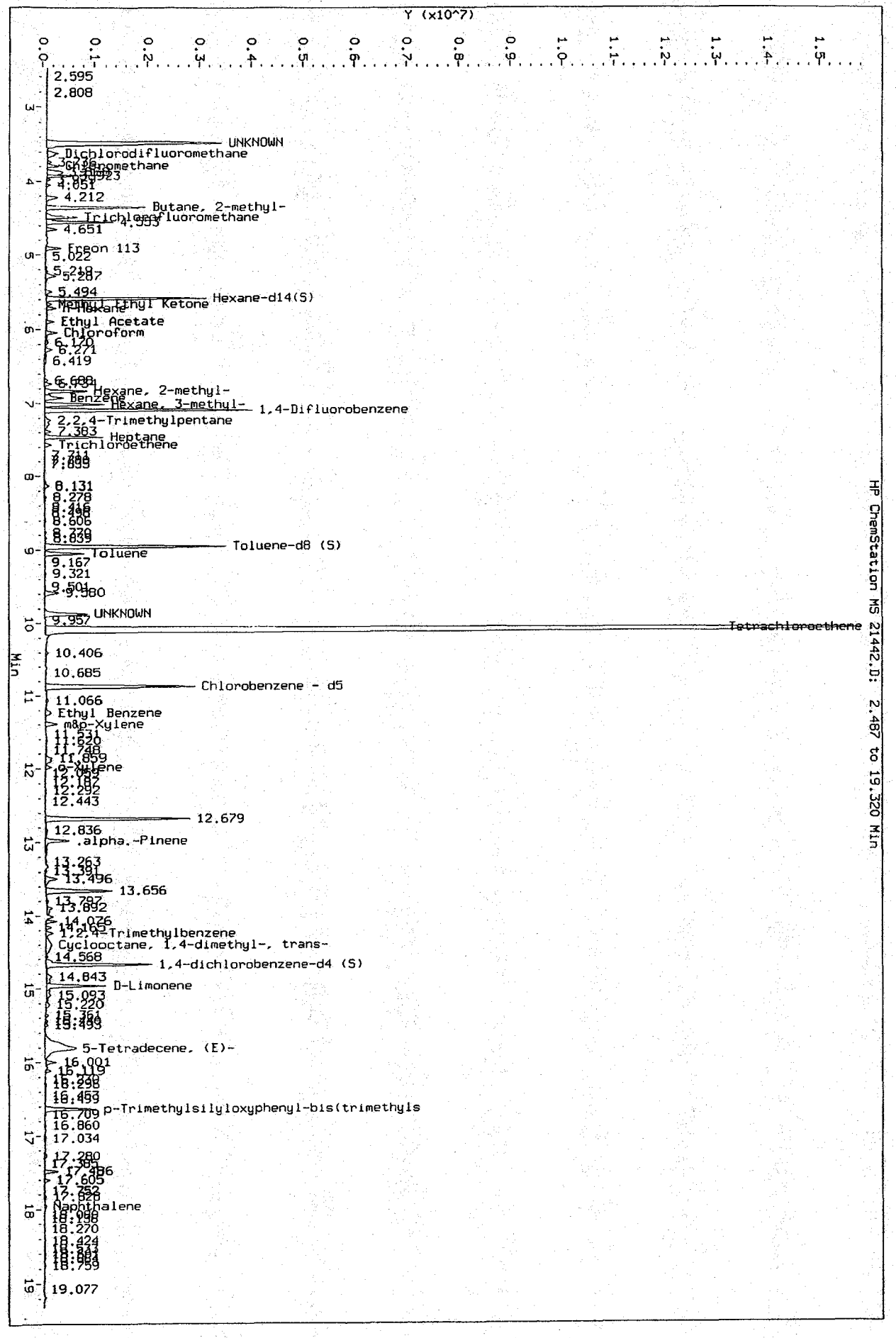
Name	Value	Description
DF	1.430	Dilution Factor
Uf	1.000	ng unit correction factor
Cpnd Variable		Local Compound Variable

ISTD	RT	AREA	AMOUNT
* 35 1,4-Difluorobenzene	7.088	7386058	10.000
* 52 Chlorobenzene - d5	10.872	6027677	10.000

		CONCENTRATIONS			QUANT		
RT	AREA	ON-COL(ppbv)	FINAL(ppbv)	QUAL	LIBRARY	LIB ENTRY	CPND #
Unknown				CAS #:			
3.477	8926038	12.0849813	17.3	0		0	35
Butane, 2-methyl-				CAS #: 78-78-4			
4.350	3211388	4.34790431	6.22	72	NBS75K.l	62518	35
Hexane, 2-methyl-				CAS #: 591-76-4			
6.829	1571123	2.12714669	3.04	91	NBS75K.l	1598	35
Hexane, 3-methyl-				CAS #: 589-34-4			
7.009	2112779	2.86049559	4.09	91	NBS75K.l	63423	35
Unknown				CAS #:			
9.869	1980812	3.28619461	4.70	0		0	52

Data File: \\192.168.10.12\chem\10air0.i\080210.b\21442.D
Report Date: 03-Aug-2010 15:49

		CONCENTRATIONS			QUANT		
RT	AREA	ON-COL(ppbv)	FINAL(ppbv)	QUAL	LIBRARY	LIB ENTRY	CPND #
.alpha.-Pinene				CAS #: 80-56-8			
12.977	1268602	2.10462806	3.01	93	NBS75K.l	65808	52
Cyclooctane, 1,4-dimethyl-, trans-				CAS #: 13151-98-9			
14.401	1022771	1.69679152	2.43	74	NBS75K.l	7608	52
D-Limonene				CAS #: 5989-27-5			
14.961	2198723	3.64771135	5.22	94	NBS75K.l	6664	52
5-Tetradecene, (E)-				CAS #: 41446-66-6			
15.814	4502401	7.46954452	10.7	97	NBS75K.l	21965	52
p-Trimethylsilyloxyphenyl-bis(trimethyls				CAS #: 0-00-0			
16.634	2050642	3.40204305	4.86	72	NBS75K.l	51305	52


Data File: \\192.168.10.12\chem\10air0.i\080210.b\21442.D
Injection Date: 03-AUG-2010 04:44
Instrument: 10air0.i
Client Sample ID:
HP ChemStation MS 21442.D: 2.487 to 19.320 Min
Y (x10^7)
Min
2.595
2.808
UNKNOWN
Dichlorodifluoromethane
4.212
Butane, 2-methyl-
4.651
Freon 113
5.494
Hexane-d14(S)
Methyl Ethyl Ketone
n-Hexane
Ethyl Acetate
Chloroform
6.419
Hexane, 2-methyl-
Benzene
Hexane, 3-methyl-
1,4-Difluorobenzene
2,2,4-Trimethylpentane
7.383
Heptane
Trichloroethene
8.131
Toluene-d8 (S)
Toluene
9.167
9.321
9.957
Tetrachloroethene
10.406
10.685
Chlorobenzene - d5
11.066
Ethyl Benzene
m&p-Xylene
o-Xylene
12.679
12.836
.alpha.-Pinene
13.496
13.656
1,2,4-Trimethylbenzene
Cyclooctane, 1,4-dimethyl-, trans-
14.568
1,4-dichlorobenzene-d4 (S)
14.843
D-Limonene
5-Tetradecene, (E)-
16.001
p-Trimethylsilyloxyphenyl-bis(trimethyls
16.709
16.860
17.034
17.605
Naphthalene
19.077

Data File: \\192.168.10.12\chem\10air0.i\080410.b\21623.D
Report Date: 05-Aug-2010 11:48

Pace Analytical Services, Inc.

TENTATIVELY IDENTIFIED COMPOUNDS

Client Name:
Lab Smp Id: 10134594002
Operator : DB1
Sample Location:
Sample Matrix: AIR
Analysis Type: VOA
Inj Date: 04-AUG-2010 23:55

Client SDG: 080410.b

Sample Date:
Sample Point:
Date Received:
Level: LOW

Number TICs found: 2

CONCENTRATION UNITS:
(ug/L or ug/KG) ppbv

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	Unknown	3.474	377	J
2. 1072-85-1	Benzene, 1-bromo-2-fluoro-	12.672	465	NJ

Data File: \\192.168.10.12\chem\10air0.i\080410.b\21623.D
Report Date: 05-Aug-2010 11:48

Pace Analytical Services, Inc.

TO15 Analysis (UNIX)

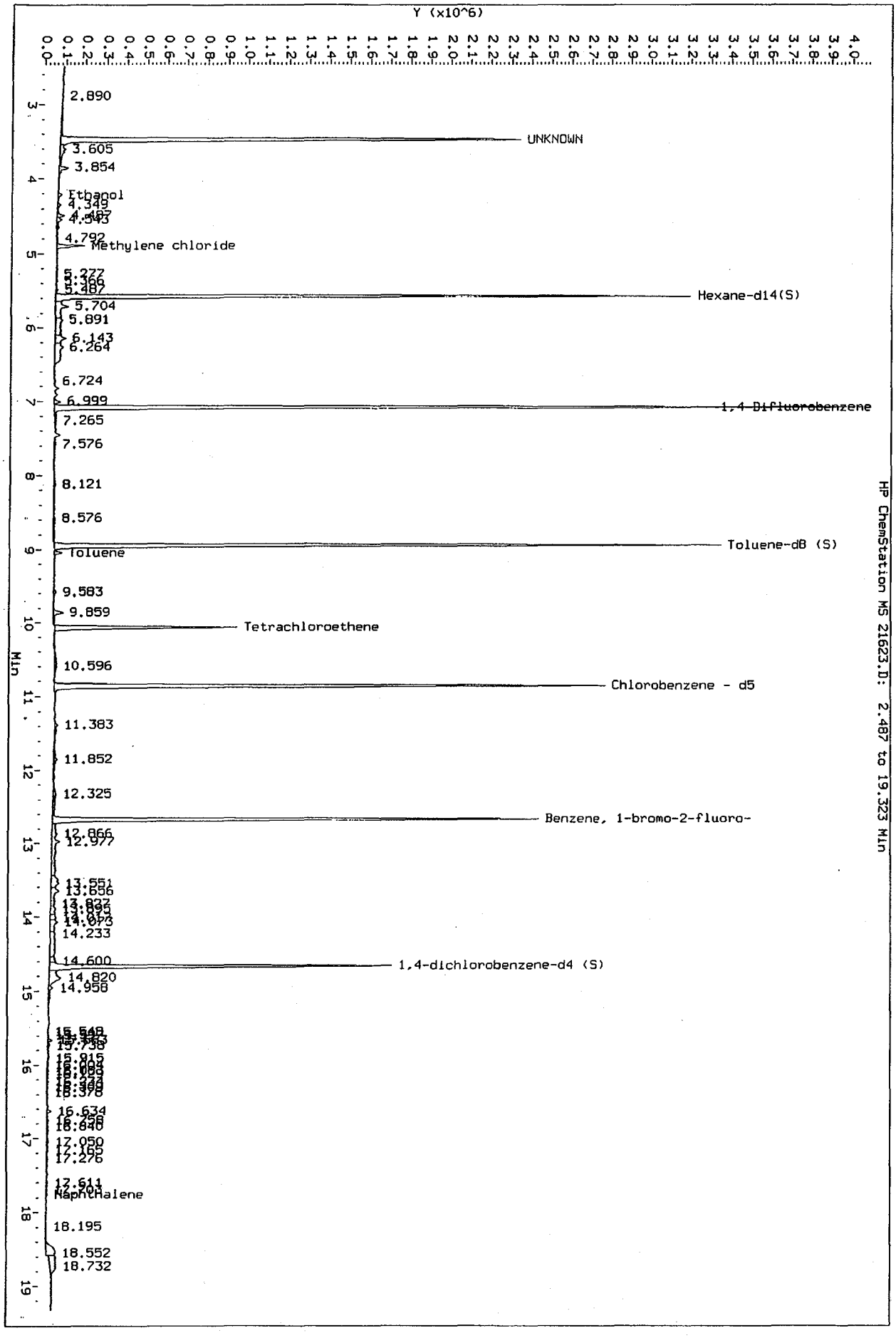
Data file : \\192.168.10.12\chem\10air0.i\080410.b\21623.D
Lab Smp Id: 10134594002
Inj Date : 04-AUG-2010 23:55
Operator : DB1 Inst ID: 10air0.i
Smp Info :
Misc Info : 10640
Comment : Volatile Organic COMPOUNDS in Air
Method : \\192.168.10.12\chem\10air0.i\080410.b\TO15_216-10.m
Meth Date : 05-Aug-2010 09:26 10air0.i Quant Type: ISTD
Cal Date : 04-AUG-2010 18:06 Cal File: 21611.D
Als bottle: 23
Dil Factor: 53.15000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 4.14

Concentration Formula: Amt * DF * Uf * CpndVariable

Name	Value	Description
DF	53.150	Dilution Factor
Uf	1.000	ng unit correction factor
Cpnd Variable		Local Compound Variable

ISTD	RT	AREA	AMOUNT
* 35 1,4-Difluorobenzene	7.084	7534164	10.000
* 52 Chlorobenzene - d5	10.862	5577122	10.000

		CONCENTRATIONS			QUANT		
RT	AREA	ON-COL(ppbv)	FINAL(ppbv)	QUAL	LIBRARY	LIB ENTRY	CPND #
Unknown				CAS #:			
3.474	5344101	7.09315620	377	0		0	35
Benzene, 1-bromo-2-fluoro-				CAS #: 1072-85-1			
12.672	4884109	8.75740096	465	94	NBS75K.1	68408	52



Data File: \\192.168.10.12\chem\10air0.i\080410.b\21623.D
Injection Date: 04-AUG-2010 23:55
Instrument: 10air0.i
Client Sample ID:

HP ChemStation MS 21623.D: 2.487 to 19.323 Min

Data File: \\192.168.10.12\chem\10air0.i\080210.b\21444.D
Report Date: 03-Aug-2010 15:50

Pace Analytical Services, Inc.

TENTATIVELY IDENTIFIED COMPOUNDS

Client Name:
Lab Smp Id: 10134594003
Operator : DB1
Sample Location:
Sample Matrix: AIR
Analysis Type: VOA
Inj Date: 03-AUG-2010 05:42

Client SDG: 080210.b

Sample Date:
Sample Point:
Date Received:
Level: LOW

Number TICs found: 10

CONCENTRATION UNITS:
(ug/L or ug/KG) ppbv

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.		Unknown	3.477	13.3	J
2.	75-28-5	Isobutane	3.789	24.0	NJ
3.	115-11-7	1-Propene, 2-methyl-	4.051	3.25	NJ
4.	109-66-0	Pentane	4.553	6.28	NJ
5.	2402-06-4	Cyclopropane, 1,2-dimethyl-	4.635	2.84	NJ
6.	513-35-9	2-Butene, 2-methyl-	4.759	2.68	NJ
7.	96-14-0	Pentane, 3-methyl-	5.494	3.15	NJ
8.	96-37-7	Cyclopentane, methyl-	6.268	3.15	NJ
9.	108-87-2	Cyclohexane, methyl-	8.131	2.24	NJ
10.	541-05-9	Cyclotrisiloxane, hexamethy	9.862	3.85	NJ

Data File: \\192.168.10.12\chem\10air0.i\080210.b\21444.D
Report Date: 03-Aug-2010 15:50

Pace Analytical Services, Inc.

TO15 Analysis (UNIX)

Data file : \\192.168.10.12\chem\10air0.i\080210.b\21444.D
Lab Smp Id: 10134594003
Inj Date : 03-AUG-2010 05:42
Operator : DB1 Inst ID: 10air0.i
Smp Info :
Misc Info : 10631
Comment : Volatile Organic COMPOUNDS in Air
Method : \\192.168.10.12\chem\10air0.i\080210.b\TO15_214-10.m
Meth Date : 03-Aug-2010 13:49 10air0.i Quant Type: ISTD
Cal Date : 02-AUG-2010 16:13 Cal File: 21416.D
Als bottle: 44
Dil Factor: 1.43000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 4.14

Concentration Formula: Amt * DF * Uf * CpndVariable

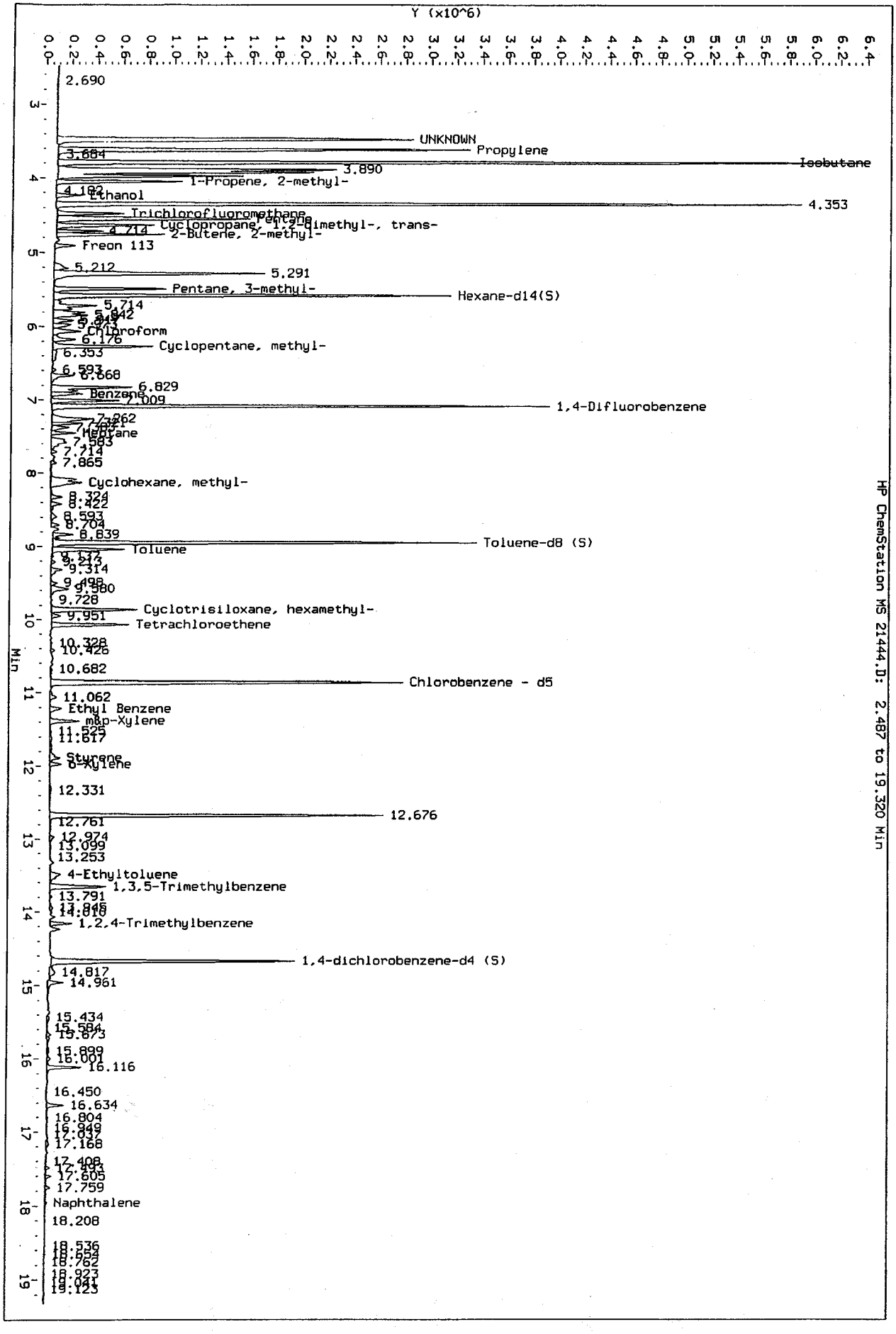
Name	Value	Description
DF	1.430	Dilution Factor
Uf	1.000	ng unit correction factor
Cpnd Variable		Local Compound Variable

ISTD	RT	AREA	AMOUNT
* 35 1,4-Difluorobenzene	7.088	7248617	10.000
* 52 Chlorobenzene - d5	10.862	5647294	10.000

		CONCENTRATIONS			QUANT		
RT	AREA	ON-COL(ppbv)	FINAL(ppbv)	QUAL	LIBRARY	LIB ENTRY	CPND #
Unknown				CAS #:			
3.477	6747671	9.30890697	13.3	0		0	35
Isobutane				CAS #: 75-28-5			
3.789	12147166	16.7579071	24.0	86	NBS75K.l	62335	35
1-Propene, 2-methyl-				CAS #: 115-11-7			
4.051	1647372	2.27267059	3.25	83	NBS75K.1	62306	35
Pentane				CAS #: 109-66-0			
4.553	3184099	4.39269880	6.28	80	NBS75K.1	62516	35
Cyclopropane, 1,2-dimethyl-, trans-				CAS #: 2402-06-4			
4.635	1440271	1.98695982	2.84	91	NBS75K.1	62459	35

Data File: \\192.168.10.12\chem\10air0.i\080210.b\21444.D
Report Date: 03-Aug-2010 15:50

		CONCENTRATIONS			QUANT		
RT	AREA	ON-COL(ppbv)	FINAL(ppbv)	QUAL	LIBRARY	LIB ENTRY	CPND #
2-Butene, 2-methyl-				CAS #: 513-35-9			
4.759	1360192	1.87648500	2.68	90	NBS75K.1	62462	35
Pentane, 3-methyl-				CAS #: 96-14-0			
5.494	1596775	2.20286802	3.15	91	NBS75K.1	62868	35
Cyclopentane, methyl-				CAS #: 96-37-7			
6.268	1598083	2.20467210	3.15	86	NBS75K.1	594	35
Cyclohexane, methyl-				CAS #: 108-87-2			
8.131	1132931	1.56296179	2.24	94	NBS75K.1	1326	35
Cyclotrisiloxane, hexamethyl-				CAS #: 541-05-9			
9.862	1521817	2.69477211	3.85	90	NBS75K.1	70586	52



Data File: \\192.168.10.12\chem\10air0.i\080210.b\21444.D
Injection Date: 03-AUG-2010 05:42
Instrument: 10air0.i
Client Sample ID:

HP ChemStation MS 21444.D: 2.487 to 19.320 Min

10134594

Pace Analytical®
www.pacelabs.com

AIR: CHAIN-OF-CUSTODY / Analytical Request Document

The Chain-of-Custody is a LEGAL DOCUMENT. All relevant fields must be completed accurately.

02189

Page: 1 of 1

35 of 36

Section A Required Client Information:

Company: MSA Proj. Stores
Address: 1835 N. Stevens Rhinelander WI
Email To: Brian Hegge
Phone: 715-362-3044
Requested Due Date/TAT:

Section B Required Project Information:

Report To: Same
Copy To:
Purchase Order No.: 6080801
Project Name: Laundry Basket
Project Number: 6080801

Section C Invoice Information:

Attention: Same
Company Name:
Address:
Pace Quote Reference:
Pace Project Manager/Sales Rep.: Stacey Larson
Pace Profile #:

Program: UST | Superfund WIS | Emissions | Clean Air Act | Voluntary Clean Up | Dry Clean | RCRA | Other

Location of Sampling by State: WIS

Reporting Units: ug/m³ ___ mg/m³ ___ PPBV ___ PPMV ___ Other ___

Report Level: II.___ III.___ IV.___ Other___

ITEM #	'Section D Required Client Information AIR SAMPLE ID (Sample IDs MUST BE UNIQUE)	MEDIA CODE	PID Reading (Client only)	COLLECTED DATE (Composite Start / End/Grab)	COLLECTED TIME (Composite Start / End/Grab)	COLLECTED DATE (Composite End/Grab)	COLLECTED TIME (Composite End/Grab)	Canister Pressure (Initial Field - psig)	Canister Pressure (Final Field - psig)	Summa Can Number	Flow Control Number	Method: PM10	3C- Fixed Gas (%)	TO-3	TO-3M (Methane)	TO-4 (PCBs)	TO-13 (PAH)	TO-14	TO-15	TO15 Short List*	Pace Lab ID
1	Stock Room	AC		7-27	9:10	7-27	4:15	26	0	1582	PA1488							✓			10134594001
2	Basement	AC		7-27	9:15	↓	4:30	27	0	1598	PA96							✓			002
3	Outside -	AC		7-27	9:20	↓	4:15	25.5	0	1590	PA233							✓			003
4																					
5																					
6																					
7																					
8																					
9																					
10																					
11																					
12																					

Valid Media Codes: Tedlar Bag TB; 1 Liter Summa Can 1LC; 6 Liter Summa Can 6LC; Low Volume Puff LVP; High Volume Puff HVP; Other PM10

Comments :

RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME
Brian Hegge / MSA	7-28-10	10:00AM	[signature]	7/29/10	08:37

SAMPLE CONDITIONS

AMB	Y/N	Y/N	Y/N	Y/N
	Y/N	Y/N	Y/N	Y/N
	Y/N	Y/N	Y/N	Y/N
Temp in °C	Received on Ice	Custody Sealed Cooler	Samples Intact	

SAMPLER NAME AND SIGNATURE

PRINT Name of SAMPLER: Brian Hegge

SIGNATURE of SAMPLER: [signature] DATE Signed (MM / DD / YY): 7-27-10

ORIGINAL

AIR Sample Condition Upon Receipt

Pace Analytical

Client Name: MSA Project # 10134594

Courier: ☐ Fed Ex ☒ UPS ☐ USPS ☐ Client ☐ Commercial ☐ Pace Other_____

Custody Seal on Cooler/Box Present: ☐ yes ☒ no Seals intact: ☐ yes ☐ no

Packing Material: ☐ Bubble Wrap ☒ Bubble Bags ☐ None ☒ Other_____

Tracking #: 12 SE4801 02 4926 7586

Optional
Proj. Due Date:
Proj. Name:

Date and Initials of person examining contents: 7-29-10 JC

Comments:

Chain of Custody Present:	☒Yes ☐No ☐N/A	1.
Chain of Custody Filled Out:	☒Yes ☐No ☐N/A	2.
Chain of Custody Relinquished:	☒Yes ☐No ☐N/A	3.
Sampler Name & Signature on COC:	☒Yes ☐No ☐N/A	4.
Samples Arrived within Hold Time:	☒Yes ☐No ☐N/A	5.
Short Hold Time Analysis (<72hr):	☐Yes ☒No ☐N/A	6.
Rush Turn Around Time Requested:	☐Yes ☒No ☐N/A	7.
Sufficient Volume:	☒Yes ☐No ☐N/A	8.
Correct Containers Used:	☒Yes ☐No ☐N/A	9.
-Pace Containers Used:	☒Yes ☐No ☐N/A	
Containers Intact:	☒Yes ☐No ☐N/A	10.
Media: AIR (CAN)		11.
Sample Labels match COC:	☒Yes ☐No ☐N/A	12.

Samples Received: 3 CANS, 3 FC'S

Canisters		Flow Controllers		Stand Alone G		Tedlar Bags	
Sample Number	Can ID	Sample Number	Can ID	Sample Number	Can ID	Sample Number	Can ID
STORE ROOM	1582		PA140				
BASEMENT	1598		PA96				
OUTSIDE	1590		PA833				

Client Notification/ Resolution: Field Data Required? Y / N

Person Contacted: _____ Date/Time: _____

Comments/ Resolution: _____

Project Manager Review: ORD **Date:** 7-29-10

Note: Whenever there is a discrepancy affecting North Carolina compliance samples, a copy of this form will be sent to the North Carolina DEHNR Certification Office (i.e out of hold, incorrect preservative, out of temp, incorrect containers)

A106 Rev.01 (22May2009)