APPENDIX A

INDOOR AIR QUALITY QUESTIONNAIRE AND BUILDING INVENTORY

NEW YORK STATE DEPARTMENT OF HEALTH
INDOOR AIR QUALITY QUESTIONNAIRE AND BUILDING INVENTORY
CENTER FOR ENVIRONMENTAL HEALTH

This form must be completed for each residence involved in indoor air testing.

Preparer's Name Liam Bane Date/Time Prepared 4-30-12/1630

Preparer's Affiliation TRC Environmental Phone No. 860-298-9692

Purpose of Investigation 198 Douglass ST Site Investigation

1. OCCUPANT:

Interviewed: Y / (N)

Last Name: _____ First Name: _____

Address: _____

County: _____

Home Phone: _____ Office Phone: _____

Number of Occupants/persons at this location _____ Age of Occupants - Not regularly occupied

2. OWNER OR LANDLORD: (Check if same as occupant X)

Interviewed: Y / N

Last Name: _____ First Name: _____

Address: _____

County: _____

Home Phone: _____ Office Phone: _____

3. BUILDING CHARACTERISTICS

Type of Building: (Circle appropriate response)

Residential	School	Commercial/Multi-use
Industrial	Church	Other: private warehouse - storage of personal artwork & furniture

If the property is residential, type? (Circle appropriate response)

Ranch	2-Family	3-Family
Raised Ranch	Split Level	Colonial
Cape Cod	Contemporary	Mobile Home
Duplex	Apartment House	Townhouses/Condos
Modular	Log Home	Other:_____

If multiple units, how many? _____

If the property is commercial, type?

Business Type(s) Warehouse for artwork & antiques

Does it include residences (i.e., multi-use)? Y (N) If yes, how many? _____

Other characteristics:

Number of floors 1 Building age approx. 116 yrs

Is the building insulated? Y /(N) How air tight? Tight (Average) Not Tight

4. AIRFLOW

Use air current tubes or tracer smoke to evaluate airflow patterns and qualitatively describe:

Airflow between floors

Not Applicable

Airflow near source

Outdoor air infiltration

No windows, large steel overhead doors with rubber gaskets along edges - not totaly air tight - current tubes or trace smoke not used

Infiltration into air ducts

Building has heating/Ventalation/Air conditioning duct work - not on during inspection - unkown if it draws from an outside source - heating is by natural gas

5. BASEMENT AND CONSTRUCTION CHARACTERISTICS (Circle all that apply)

a. Above grade construction:	wood frame	concrete	stone	brick
b. Basement type:	full	crawlspace	slab	other Slab on grade Construction
c. Basement floor:	concrete	dirt	stone	other _____
d. Basement floor:	uncovered	covered	covered with _____	
e. Concrete floor:	unsealed	sealed	sealed with _____	
f. Foundation walls:	poured	block	stone	other _____
g. Foundation walls:	unsealed	sealed	sealed with _____	
h. The basement is:	wet	damp	dry	moldy
i. The basement is:	finished	unfinished	partially finished	
j. Sump present?	Y / N			
k. Water in sump?	Y / N / not applicable			

Basement/Lowest level depth below grade: NA (feet)

Identify potential soil vapor entry points and approximate size (e.g., cracks, utility ports, drains)

Floor drains & floor drain sump in large storage room, concrete slab joints

6. HEATING, VENTING and AIR CONDITIONING (Circle all that apply)

Type of heating system(s) used in this building: (circle all that apply – note primary)

Hot air circulation	Heat pump	Hot water baseboard	
Space Heaters	Stream radiation	Radiant floor	
Electric baseboard	Wood stove	Outdoor wood boiler	Other _____

The primary type of fuel used is:

Natural Gas	Fuel Oil	Kerosene
Electric	Propane	Solar
Wood	Coal	

Domestic hot water tank fueled by: Natural Gas

Boiler/furnace located in:	Basement	Outdoors	Main Floor	Other Overhead
Air conditioning:	Central Air	Window units	Open Windows	None

Are there air distribution ducts present? Y / N

Describe the supply and cold air return ductwork, and its condition where visible, including whether there is a cold air return and the tightness of duct joints. Indicate the locations on the floor plan diagram.

HVAC ductwork is overhead appears to be in good conditions, and relatively new

7. OCCUPANCY

Is basement/lowest level occupied? Full-time Occasionally (Seldom) Almost Never

Level	**General Use of Each Floor (e.g., familyroom, bedroom, laundry, workshop, storage)**
Basement	NA
1st Floor	Storage & workshop
2nd Floor	NA
3rd Floor	NA
4th Floor	NA

8. FACTORS THAT MAY INFLUENCE INDOOR AIR QUALITY

a. Is there an attached garage? Y / (N)

b. Does the garage have a separate heating unit? Y / N / (NA)

c. Are petroleum-powered machines or vehicles stored in the garage (e.g., lawnmower, atv, car) Y / N / (NA) Please specify_____

d. Has the building ever had a fire? Y / (N) When?_____

e. Is a kerosene or unvented gas space heater present? Y / (N) Where?_____

f. Is there a workshop or hobby/craft area? (Y) / N Where & Type? Eastern portion of building/ hobby/craft area

g. Is there smoking in the building? Y / (N) How frequently?_____

h. Have cleaning products been used recently? Y / (N) When & Type?_____

i. Have cosmetic products been used recently? Y / (N) When & Type?_____

j. Has painting/staining been done in the last 6 months? Y /(N) Where & When? _____

k. Is there new carpet, drapes or other textiles? (Y) / N Where & When? paintings, antique furniture

l. Have air fresheners been used recently? Y /(N) When & Type? _____

m. Is there a kitchen exhaust fan? Y /(N) If yes, where vented? _____

n. Is there a bathroom exhaust fan? (Y) / N If yes, where vented? Doesn't work

o. Is there a clothes dryer? Y /(N) If yes, is it vented outside? Y / N

p. Has there been a pesticide application? Y / N When & Type? Unknown

Are there odors in the building? (Y) N
If yes, please describe: Odors associated with the furniture & paintings

Do any of the building occupants use solvents at work? Y (N)
(e.g., chemical manufacturing or laboratory, auto mechanic or auto body shop, painting, fuel oil delivery, boiler mechanic, pesticide application, cosmetologist

If yes, what types of solvents are used? _____

If yes, are their clothes washed at work? Y / N

Do any of the building occupants regularly use or work at a dry-cleaning service? (Circle appropriate response)

Yes, use dry-cleaning regularly (weekly) (No)
Yes, use dry-cleaning infrequently (monthly or less) Unknown
Yes, work at a dry-cleaning service

Is there a radon mitigation system for the building/structure? Y (N) Date of Installation: _____
Is the system active or passive? Active/Passive

9. WATER AND SEWAGE

Water Supply: (Public Water) Drilled Well Driven Well Dug Well Other: _____

Sewage Disposal: (Public Sewer) Septic Tank Leach Field Dry Well Other: _____

10. RELOCATION INFORMATION (for oil spill residential emergency)

a. Provide reasons why relocation is recommended: NA

b. Residents choose to: remain in home relocate to friends/family relocate to hotel/motel

c. Responsibility for costs associated with reimbursement explained? Y / N

d. Relocation package provided and explained to residents? Y / N

11. FLOOR PLANS

Draw a plan view sketch of the basement and first floor of the building. Indicate air sampling locations, possible indoor air pollution sources and PID meter readings. If the building does not have a basement, please note.

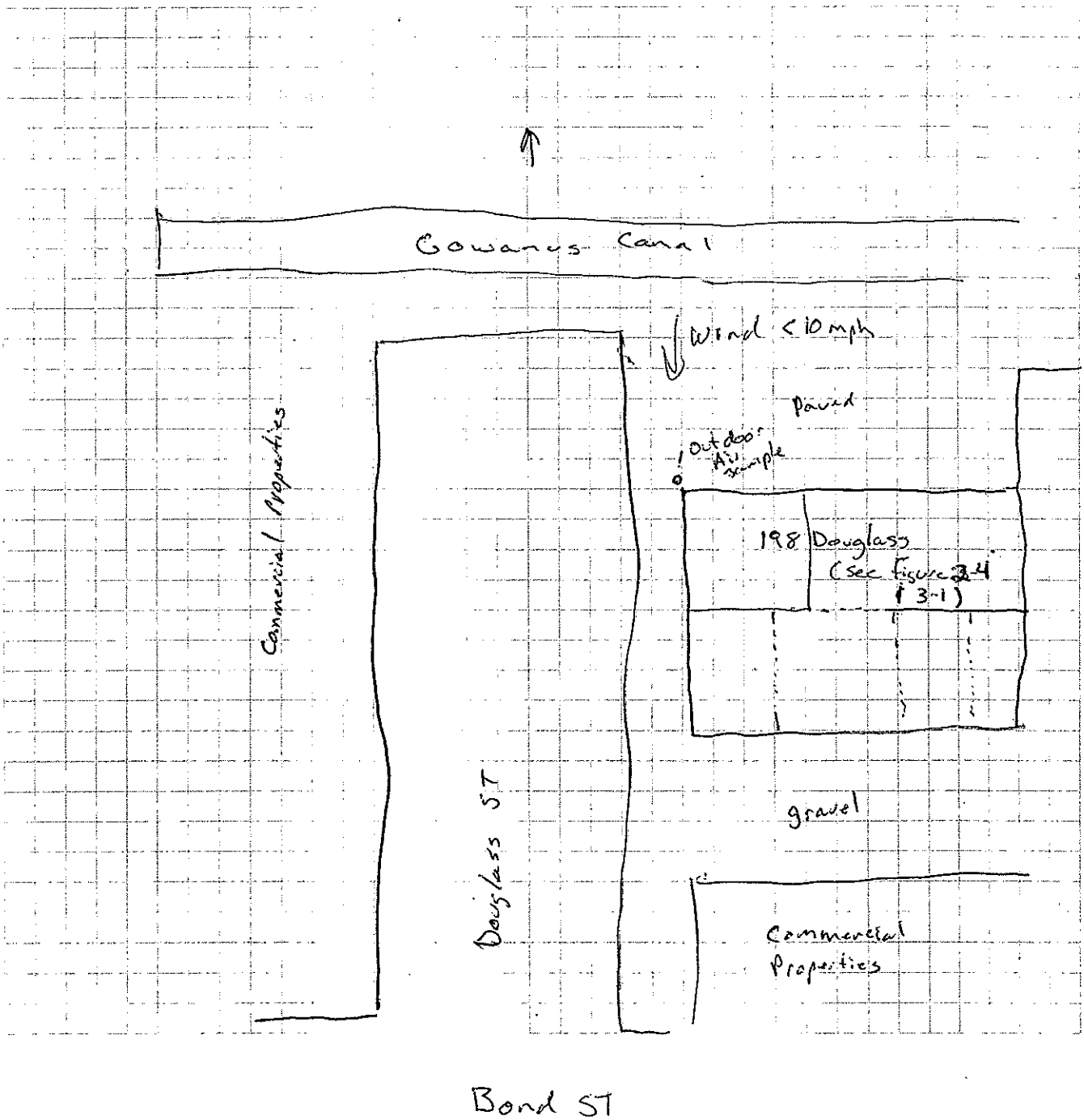
Basement: NA

First Floor: See Figure 3-1 for sample location & building configuration. Table 3-1 includes screening data and Table 4-1 includes the laboratory analytical data. (attached)

12. OUTDOOR PLOT

Draw a sketch of the area surrounding the building being sampled. If applicable, provide information on spill locations, potential air contamination sources (industries, gas stations, repair shops, landfills, etc.), outdoor air sampling location(s) and PID meter readings.

Also indicate compass direction, wind direction and speed during sampling, the locations of the well and septic system, if applicable, and a qualifying statement to help locate the site on a topographic map.



13. PRODUCT INVENTORY FORM

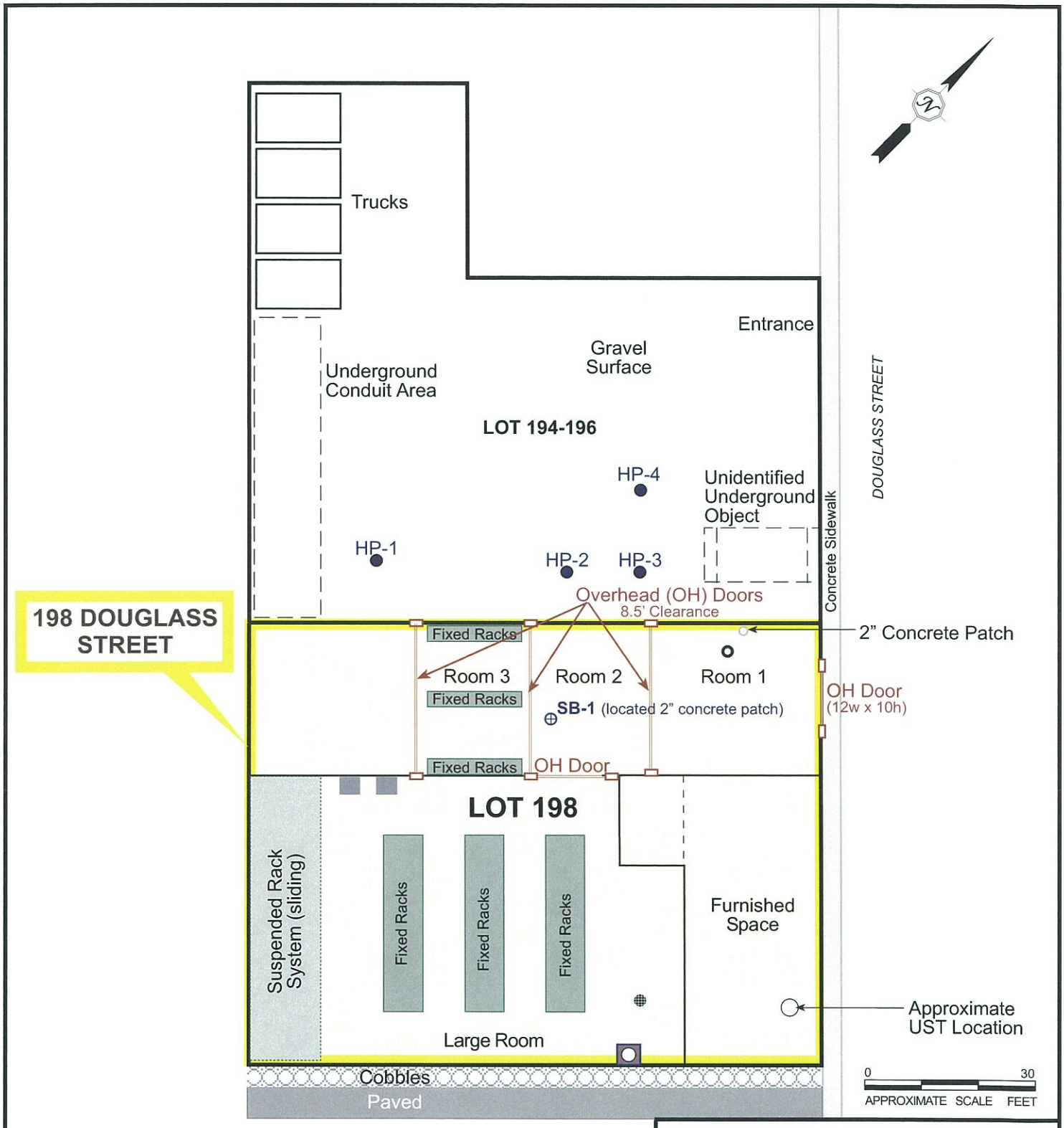
Make & Model of field instrument used: Mini Rae ppb Rae PID

List specific products found in the residence that have the potential to affect indoor air quality.

Location	Product Description	Size (units)	Condition*	Chemical Ingredients	Field Instrument Reading (units)	Photo** Y / N
Room 1	Initial background	24'x25'	-	several furniture items	0.0	N
Room 1	Spray Nine Cleaner	32oz	U	n-alkyl, dimethyl benzyl, ammonium chloride	*	
Room 1	Floetrol latex paint thinner	32oz	U	2-propenoic acid, butyl ester, polymer with ethynyl acetate	*	
Room 1	Prestone 50/50 Antifreeze	1 gal	U	Ethylene glycol	*	
*	Above products stored in a 5-gal pail				15 ppb	
Room 2	Initial background	20'x25'	-	several furniture items	300 - 400 ppb **	
Room 3+4	Initial background	50'x25'	-	Rooms are full of antique furniture items & electronics, painting	850 ppb	
Large Room	Initial background	~50'x70'	-	Room is full of paintings (numerous) and artwork	300 - 400 ppb	
**	Room No 2 spiked to 1,000 ppb upon opening the overhead door into room No 3					

* Describe the condition of the product containers as **Unopened (UO), Used (U),** or **Deteriorated (D)**
** Photographs of the **front and back** of product containers can replace the handwritten list of chemical ingredients. However, the photographs must be of good quality and ingredient labels must be legible.

See attached figures from this report for the building layout. (Figures 2-4 and 3-1)



KEY

- ⊕ (SB-1) 2006 Soil and Groundwater Investigation
- ● (HP-1 – HP-4) 2009 Off-Site Soil and Groundwater Investigation
- 198 Douglass Street Site

NOTE: Ceiling height is 10.5ft

Base map derived from AMEC Figure 5 Soil Boring and Groundwater Sampling Locations and TRC site visit on 3-12-12. Previous sample locations are approximate

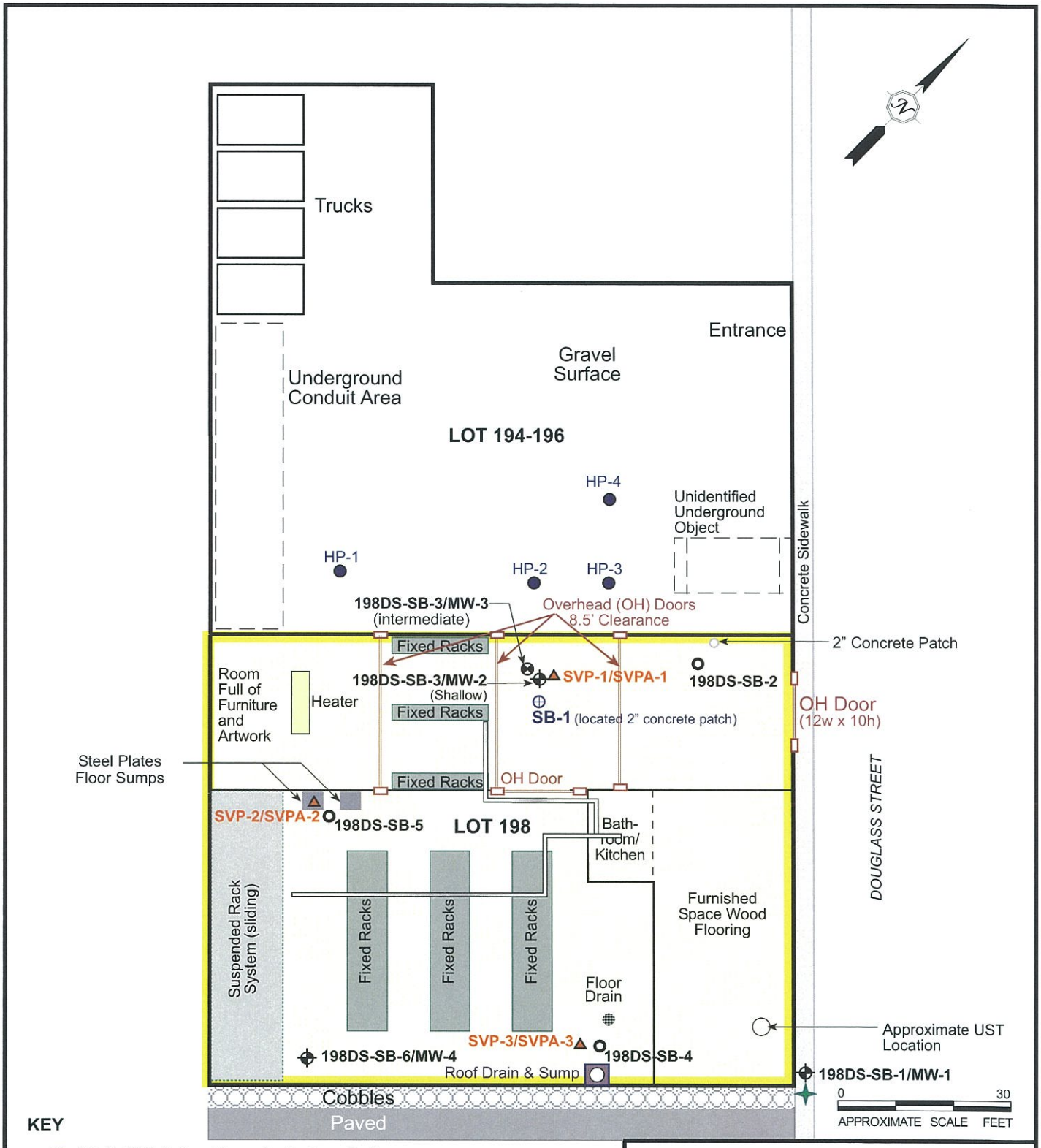
TRC
21 Griffin Road North
Windsor, CT 06095
(860) 298-9692

198 DOUGLASS STREET
BROOKLYN, NEW YORK

FIGURE 2-4
HISTORICAL SAMPLING LOCATIONS

Date: 03/12 | **Project No.** 191185.0001.0000

PERS/JWALESZCZYK/HAZ/191185 Brooklyn NY REVISED 5-15-2012.FH10



Base map derived from AMEC Figure 5 Soil Boring and Groundwater Sampling Locations and TRC site visit on 3-12-12. Previous sample locations are approximate

TRC
21 Griffin Road North
Windsor, CT 06095
(860) 298-9692

198 DOUGLASS STREET
BROOKLYN, NEW YORK

FIGURE 3-1
SOIL VAPOR, SOIL SAMPLE AND MONITORING WELL LOCATIONS

Date: 05/12 | **Project No.** 191185.0000.000000

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APPENDIX B

SOIL BORING AND WELL COMPLETION LOGS

TRC
Results you can rely on

21 Griffn Road North
Windsor, CT 06095
Telephone: 860-298-9692
Fax: 860-298-6399

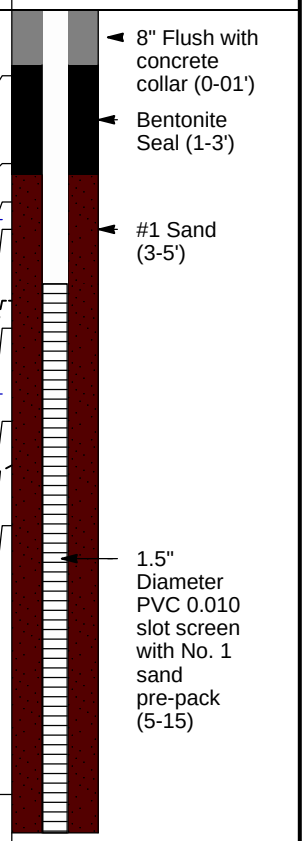
BORING/WELL NUMBER: **198DS-SB-1/MW-1**

PROJECT INFORMATION		BORING/WELL INFORMATION			
Project Name:	SPX_198 Douglas St_Brooklyn, NY	Boring Depth:	20	Hole Diameter:	3
Project Location:	198 Douglas St, Brooklyn, NY	Date Started:	5/3/12	Date Completed:	5/3/12
Project Number:	191185.0010.0006	Coordinate System:			
Client:	SPX Corporation	North:	Not Surveyed	East:	Not Surveyed
TRC Eng./Geol:	Liam Bane	Vertical Datum:		Ground Elevation:	Not Surveyed
Checked By:		Well Elevation (Top of Casing)	4.34 ft.		

DRILLING INFORMATION	
Drilling Contractor:	ADT Drillers
Driller(s):	Andrea Larkin, German Torres
Drilling Method:	Direct-Push
Equipment/Model:	Geoprobe 6620 DT
Sampler:	Macrocore

GROUND WATER OBSERVATIONS			
MEASUREMENT	▽ At Time of Drilling	▼ At End of Drilling	▼ After Drilling
DATE	5/3/2012		5/11/2012
DEPTH (ft.bgs.)	7		3.82
REFERENCE	Ground Surface		Ground Surface
STABILIZATION	None		8 Days

DEPTH (FT.)	SAMPLE NUMBER	SAMPLE TYPE	PENETRATION (FT.)	RECOVERY (FT.)	LITHOLOGY	VOC SCREENING RESULTS (ppm)	MATERIAL DESCRIPTION
1						48 96 144 192	0 '- 1.2 ' Dark brown/black, fine SAND and SILT, with some coarse sand and ash-like material and coal fragment, no odor
2							1.2 '- 2.8 ' Medium brown, SILT and fine SAND, some medium to coarse sand, trace gravel, dry, dense, no odor
3	UD-0-5		5.0	4.0			2.8 '- 3.5 ' Dark brown/black, fine SAND, some silt, coal fragments, slag, dense, slight petroleum odor
4							3.5 '- 4 ' Dark brown/gray, SILT and fine SAND, little medium to coarse sand, moderate petroleum odor, very moist
5							5 '- 5.3 ' Dark brown, SILT, trace fine to coarse sand, moise moderate petroleum odor
6							5.3 '- 5.8 ' Dark brown, SILT, some fine to coarse sand, moist, moderate petroleum odor
7							5.8 '- 7.5 ' Dark brown SILT and fine to coarse SAND, lenses of fine gravel, wet, moderate petroleum odor, very dense
8	UD-5-10		5.0	4.4			7.5 '- 8.3 ' Dark brown, SILT, some fine sand, trace coarse sand, wet, dense, slight petroleum odor
9							8.3 '- 9.4 ' Dark brown, SILT, some clay, very moist, organic odor
10							10 '- 14.3 ' Dark brown/gray, SILT, with some clay, organic odor, lense of sand and fine gravel
11							
12							
13	UD-10-15		5.0	4.3			
14							
15							
16							15 '- 15.8 ' Dark brown, SILT, with some clay, wet, slight petroleum odor
17							15.8 '- 16.6 ' Dark brown/black, SILT and fine to coarse SAND, fine gravel, loose, wet, petroleum odor
18	UD-15-20		5.0	4.3			16.6 '- 18.3 ' Dark brown, SILT, with some clay, dense, organic odor, very moist
19							18.3 '- 18.8 ' Dark brown, SILT and PEAT, very dense, very moist, organic odor
20							18.8 '- 19.3 ' Gray/brown, fine SAND, very dense, organic odor, very moist
21							Bottom of borehole at 20.0 feet.



Notes: Sample 198DS-SB-1 collected 5-6' VOCs and duplicate labled 198DS-SB-7

SOIL BORING/WELL COMPLETION WITH NOTES - TRC-STD120711 US.GDT - 5/24/12
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TRC
Results you can rely on

21 Griffn Road North
Windsor, CT 06095
Telephone: 860-298-9692
Fax: 860-298-6399

BORING NUMBER: **198DS-SB-2**

PROJECT INFORMATION

Project Name:	**SPX_198 Douglas St_Brooklyn, NY**
Project Location:	**198 Douglas St, Brooklyn, NY**
Project Number:	**191185.0010.0006**
Client:	**SPX Corporation**
TRC Eng./Geol:	**Liam Bane**
Checked By:	

BORING INFORMATION

Boring Depth:	**12**	Hole Diameter:	**2**
Date Started:	**5/3/12**	Date Completed:	**5/3/12**
Coordinate System:			
North:	**Not Surveyed**	East:	**Not Surveyed**
Vertical Datum:		Ground Elevation:	**Not Surveyed**

DRILLING INFORMATION

Drilling Contractor:	**ADT Drillers**
Driller(s):	**Andrea Larkin, German Torres**
Drilling Method:	**Direct-Push**
Equipment/Model:	**Geoprobe 6620 DT**
Sampler:	**Macrocore**

GROUND WATER OBSERVATIONS

MEASUREMENT	▽ At Time of Drilling	▼ At End of Drilling	▼ After Drilling
DATE	**5/3/2012**		
DEPTH (ft.bgs.)	**2.75**		
REFERENCE	**Ground Surface**		
STABILIZATION	**None**		

DEPTH (FT.)	SAMPLE NUMBER	SAMPLE TYPE	PENETRATION (FT.)	RECOVERY (FT.)	LITHOLOGY	MATERIAL DESCRIPTION
1–2						0 '- 2 ' Starting boring at 2' below slab due to clearance issues, hammered thru slab and compacted soil.
3	UD-2-7		5.0	2.4		2 '- 2.3 ' Medium brown, fine to coarse SAND, little slag, loose, moist, no odor
3						2.3 '- 3.3 ' Medium brown, SILT, little fine to coarse sand, wet, loose to dense, no odor
4						3.3 '- 3.8 ' Dark brown, SILT, little fine to coarse sand, wet, dense, no odor
4						3.8 '- 4 ' Brick
5–7						4 '- 4.4 ' Dark brown/black, SILT with some ash-like material and coal fragments, slight petroleum odor
8–12	UD-7-12		5.0	2.5		7 '- 9.3 ' Dark brown, SILT with some fine to coarse sand, and fine to coarse gravel, construction and demolition debris (concrete fragments), wet, dense, slight petroleum odor
10						9.3 '- 9.5 ' Dark brown, SILT with some clay, dense, wet, very slight petroleum odor
13–15						Bottom of borehole at 12.0 feet.

◆VOC SCREENING RESULTS (ppm)
8 16 24 32

Notes: Soil Sample 198DS-SB-2 collected from 2-2.75'

SOIL BORING/WELL COMPLETION WITH NOTES - TRC-STD120711 US.GDT - 5/24/12
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TRC
Results you can rely on

21 Griffn Road North
Windsor, CT 06095
Telephone: 860-298-9692
Fax: 860-298-6399

BORING/WELL NUMBER: **198DS-SB-3/MW-2**

PROJECT INFORMATION

Project Name:	**SPX_198 Douglas St_Brooklyn, NY**
Project Location:	**198 Douglas St, Brooklyn, NY**
Project Number:	**191185.0010.0006**
Client:	**SPX Corporation**
TRC Eng./Geol:	**Liam Bane**
Checked By:	

BORING/WELL INFORMATION

Boring Depth:	**21**	Hole Diameter:	**3**
Date Started:	**5/3/12**	Date Completed:	**5/3/12**
Coordinate System:			
North:	**Not Surveyed**	East:	**Not Surveyed**
Vertical Datum:		Ground Elevation:	**Not Surveyed**
Well Elevation (Top of Casing)	**4.61 ft.**		

DRILLING INFORMATION

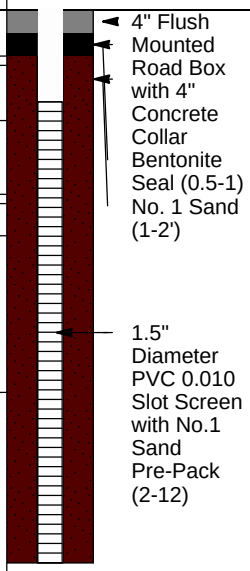
Drilling Contractor:	**ADT Drillers**
Driller(s):	**Andrea Larkin, German Torres**
Drilling Method:	**Direct-Push**
Equipment/Model:	**Geoprobe 6620 DT**
Sampler:	**Macrocore**

GROUND WATER OBSERVATIONS

MEASUREMENT	▽ At Time of Drilling	▼ At End of Drilling	▼ After Drilling
DATE	**5/3/2012**		**5/11/2012**
DEPTH (ft.bgs.)	**3**		**3.38**
REFERENCE	**Ground Surface**		**Ground Surface**
STABILIZATION	**None**		**8 Days**

DEPTH (FT.)	SAMPLE NUMBER	SAMPLE TYPE	PENETRATION (FT.)	RECOVERY (FT.)	LITHOLOGY	VOC SCREENING RESULTS (ppm)	MATERIAL DESCRIPTION
1						0.2 0.4 0.6 0.8	0 '- 1 ' Concrete and compacted to 1' - set clearance
2							1 '- 1.2 ' Pulverized concrete
3							1.2 '- 2.4 ' Medium to dark brown, fine to medium SAND, little silt, no odor, slightly moist
4	UD-1-6		5.0	2.9			2.4 '- 4 ' Medium brown, SILT and fine SAND, trace medium to coarse sand and fine gravel, moist, no odor
5							4 '- 4.2 ' Dark brown/black, SILT, with some pulverized coal and fine gravel, moist, no odor
6							4.2 '- 4.9 ' Dark brown, SILT and fine SAND, trace construction and demolition (brick fragments) and fine gravel, moist, no odor
7							6 '- 8.3 ' Dark brown, fine SAND, some silt, lenses of coarse and dense (concrete) and slag, coal and ash-like material, slight moist to wet at 7.83', slight organic odor
8							
9	UD-6-11		5.0	2.3			
10							
11							
12							11 '- 16 ' No Recovery
13							
14	UD-11-16		5.0	0.0			
15							
16							
17							16 '- 17 ' Dark brown/gray, SILT, little fine to coarse sand, loose, wet, organic decay odor
18							17 '- 19 ' Dark brown, SILT with peat, trace fine to coarse SAND, dense, moist, slight petroleum odor
19	UD-16-21		5.0	4.0			
20							19 '- 20 ' Gray, medium SAND, wet, slight petroleum odor
21							
22							Bottom of borehole at 21.0 feet.
23							
24							
25							

WELL DIAGRAM



Notes:

SOIL BORING/WELL COMPLETION WITH NOTES - TRC-STD120711 US.GDT - 5/24/12
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TRC
Results you can rely on

21 Griffn Road North
Windsor, CT 06095
Telephone: 860-298-9692
Fax: 860-298-6399

BORING/WELL NUMBER: **198DS-SB-3/MW-3**

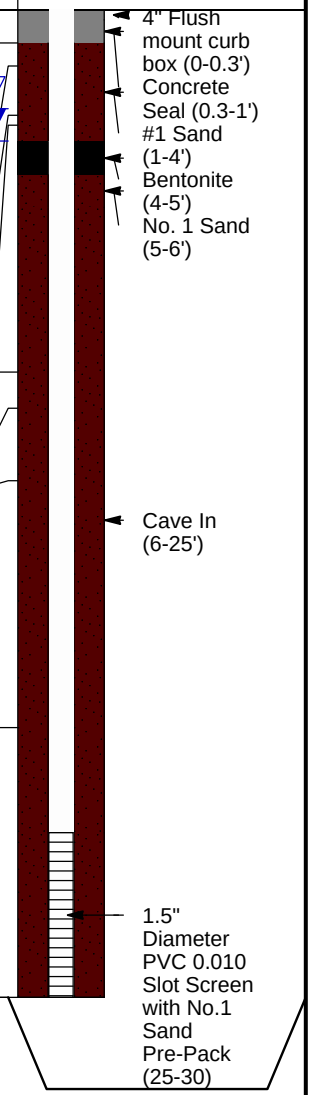
PROJECT INFORMATION		BORING/WELL INFORMATION			
Project Name:	SPX_198 Douglas St_Brooklyn, NY	Boring Depth:	30	Hole Diameter:	3
Project Location:	198 Douglas St, Brooklyn, NY	Date Started:	5/3/12	Date Completed:	5/3/12
Project Number:	191185.0010.0006	Coordinate System:			
Client:	SPX Corporation	North:	Not Surveyed	East:	Not Surveyed
TRC Eng./Geol:	Liam Bane	Vertical Datum:		Ground Elevation:	Not Surveyed
Checked By:		Well Elevation (Top of Casing)	4.53 ft.		

DRILLING INFORMATION	
Drilling Contractor:	ADT Drillers
Driller(s):	Andrea Larkin, German Torres
Drilling Method:	Direct-Push
Equipment/Model:	Geoprobe 6620 DT
Sampler:	Macrocore

GROUND WATER OBSERVATIONS			
MEASUREMENT	▽ At Time of Drilling	▼ At End of Drilling	▼ After Drilling
DATE	5/3/2012		5/11/2012
DEPTH (ft.bgs.)	3		3.98
REFERENCE	Ground Surface		Ground Surface
STABILIZATION			

DEPTH (FT.)	SAMPLE NUMBER	SAMPLE TYPE	PENETRATION (FT.)	RECOVERY (FT.)	LITHOLOGY	VOC SCREENING RESULTS (ppm)	MATERIAL DESCRIPTION
1						0.2 0.4 0.6 0.8	0 '- 1 ' Concrete
2	UD-1-6		5.0	2.5			1 '- 1.7 ' Dark brown, fine to coarse SAND, with some construction and demolition (brick concerete), trace silt, no odor
3							
4							1.7 '- 3.2 ' Medium brown, fine SAND and SILT, little medium to coarse sand, dry to wet, no odor
5							
6							3.2 '- 3.5 ' Dark brown/black, SILT and fine SAND, some medium to coarse sand, coal fragments, trace ash
7							6 '- 11 ' Instructed ADT to go to 11-17' for next core
8							
9							
10							
11							
12	UD-11-17		6.0	3.3			11 '- 12.1 ' Dark brown/gray, fine to medium SAND, little silt, trace shells, wet, loose to dense, organic odor
13							12.1 '- 14.3 ' Dark brown/gray, SILT, some clay, little peat, organic odor, dense
14							
15							
16							
17							
18							
19							
20							
21	UD-20-25		5.0	1.8			20 '- 21.8 ' Gray, fine to medium SAND, wet, loose to dense at tip, organic odor
22							
23							
24							
25							
26	UD-25-30		5.0	5.0			25 '- 30 ' Gray to gray/brown (at depth), fine to medium SAND with little silt from 28.25' to 30', slight odor (very degraded petroleum odor)
27							
28							
29							
30							
31							Bottom of borehole at 30.0 feet.
32							
33							
34							
35							

WELL DIAGRAM



Notes: Collected Sample 198DS-SB-3 from 2-3'

SOIL BORING/WELL COMPLETION WITH NOTES - TRC-STD120711 US.GDT - 5/24/12
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TRC
Results you can rely on

21 Griffn Road North
Windsor, CT 06095
Telephone: 860-298-9692
Fax: 860-298-6399

BORING NUMBER: **198DS-SB-4**

PROJECT INFORMATION

Project Name:	**SPX_198 Douglas St_Brooklyn, NY**
Project Location:	**198 Douglas St, Brooklyn, NY**
Project Number:	**191185.0010.0006**
Client:	**SPX Corporation**
TRC Eng./Geol:	**Liam Bane**
Checked By:	

BORING INFORMATION

Boring Depth:	**6**	Hole Diameter:	**2**
Date Started:	**5/4/12**	Date Completed:	**5/4/12**
Coordinate System:			
North:	**Not Surveyed**	East:	**Not Surveyed**
Vertical Datum:		Ground Elevation:	**Not Surveyed**

DRILLING INFORMATION

Drilling Contractor:	**ADT Drillers**
Driller(s):	**Andrea Larkin, German Torres**
Drilling Method:	**Direct-Push**
Equipment/Model:	**Geoprobe 6620 DT**
Sampler:	**Macrocore**

GROUND WATER OBSERVATIONS

MEASUREMENT	▽ At Time of Drilling	▼ At End of Drilling	▼ After Drilling
DATE	**5/4/2012**		
DEPTH (ft.bgs.)	**1.5**		
REFERENCE	**Ground Surface**		
STABILIZATION	**None**		

DEPTH (FT.)	SAMPLE NUMBER	SAMPLE TYPE	PENETRATION (FT.)	RECOVERY (FT.)	LITHOLOGY	MATERIAL DESCRIPTION	◆ VOC SCREENING RESULTS (ppm)
							13 26 39 52
1						0 '- 1 ' Concrete	
2	UD-1-6		5.0	1.8		1 '- 1.2 ' Reddish brown, fine to coarse SAND, little silt and fine gravel, dry, slight petroleum odor	
3						1.2 '- 2.3 ' Medium brown/reddish brown, fine to coarse SAND, little silt and fine gravel, wet, moderate petroleum odor	
4						2.3 '- 2.8 ' Dark brown/black, fine to medium SAND, some silt, little fine gravel, coal fragments, very dense, moist, slight petroleum odor	
5							
6							
						Bottom of borehole at 6.0 feet.	
7							
8							
9							
10							
11							
12							
13							
14							
15							

Notes: Collect Sample 198DS-SB-4 from 1-1.5'

SOIL BORING/WELL COMPLETION WITH NOTES - TRC-STD120711 US.GDT - 5/24/12
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TRC
Results you can rely on

21 Griffn Road North
Windsor, CT 06095
Telephone: 860-298-9692
Fax: 860-298-6399

BORING NUMBER: **198DS-SB-5**

PROJECT INFORMATION

Project Name:	**SPX_198 Douglas St_Brooklyn, NY**
Project Location:	**198 Douglas St, Brooklyn, NY**
Project Number:	**191185.0010.0006**
Client:	**SPX Corporation**
TRC Eng./Geol:	**Liam Bane**
Checked By:	

BORING INFORMATION

Boring Depth:	**6**	Hole Diameter:	**2**
Date Started:	**5/4/12**	Date Completed:	**5/4/12**
Coordinate System:			
North:	**Not Surveyed**	East:	**Not Surveyed**
Vertical Datum:		Ground Elevation:	**Not Surveyed**

DRILLING INFORMATION

Drilling Contractor:	**ADT Drillers**
Driller(s):	**Andrea Larkin, German Torres**
Drilling Method:	**Direct-Push**
Equipment/Model:	**Geoprobe 6620 DT**
Sampler:	**Macrocore**

GROUND WATER OBSERVATIONS

MEASUREMENT	▽ At Time of Drilling	▼ At End of Drilling	▼ After Drilling
DATE	**5/4/2012**		
DEPTH (ft.bgs.)	**2.5**		
REFERENCE	**Ground Surface**		
STABILIZATION			

DEPTH (FT.)	SAMPLE NUMBER	SAMPLE TYPE	PENETRATION (FT.)	RECOVERY (FT.)	LITHOLOGY	MATERIAL DESCRIPTION	VOC SCREENING RESULTS (ppm)
1						0 '- 1 ' Concrete	
2	UD-1-6		5.0	3.2		1 '- 2.3 ' Medium brown, fine to coarse SAND, little fine gravel, trace slag, coal fragments, silt, no odor, dry	
3						2.3 '- 3.7 ' Medium to dark brown, fine to coarse SAND, little fine gravel, trace silt, slag, coal fragments, wet, no odor	
4						3.7 '- 4.2 ' Medium brown, fine SAND, some silt, wet, no odor	
5							
6							
7						Bottom of borehole at 6.0 feet.	
8							
9							
10							
11							
12							
13							
14							
15							

VOC SCREENING RESULTS (ppm): 0.2, 0.4, 0.6, 0.8

Notes: Collect Sample 198DS-SB-5 from 1-3' in triplicate for MS/MSD

SOIL BORING/WELL COMPLETION WITH NOTES - TRC-STD120711 US.GDT - 5/24/12
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TRC
Results you can rely on

21 Griffn Road North
Windsor, CT 06095
Telephone: 860-298-9692
Fax: 860-298-6399

BORING/WELL NUMBER: **198DS-SB-6/MW-4**

PROJECT INFORMATION

Project Name:	**SPX_198 Douglas St_Brooklyn, NY**
Project Location:	**198 Douglas St, Brooklyn, NY**
Project Number:	**191185.0010.0006**
Client:	**SPX Corporation**
TRC Eng./Geol:	**Liam Bane**
Checked By:	

BORING/WELL INFORMATION

Boring Depth:	**16**	Hole Diameter:	**3**
Date Started:	**5/4/12**	Date Completed:	**5/4/12**
Coordinate System:			
North:	**Not Surveyed**	East:	**Not Surveyed**
Vertical Datum:		Ground Elevation:	**Not Surveyed**
Well Elevation (Top of Casing)	**4.76 ft.**		

DRILLING INFORMATION

Drilling Contractor:	**ADT Drillers**
Driller(s):	**Andrea Larkin, German Torres**
Drilling Method:	**Direct-Push**
Equipment/Model:	**Geoprobe 6620 DT**
Sampler:	**Macrocore**

GROUND WATER OBSERVATIONS

MEASUREMENT	▽ At Time of Drilling	▼ At End of Drilling	▼ After Drilling
DATE	**5/4/2012**		**5/11/2012**
DEPTH (ft.bgs.)	**3.45**		**3.35**
REFERENCE	**Ground Surface**		**Ground Surface**
STABILIZATION			

DEPTH (FT.)	SAMPLE NUMBER	SAMPLE TYPE	PENETRATION (FT.)	RECOVERY (FT.)	LITHOLOGY	VOC SCREENING RESULTS (ppm)	MATERIAL DESCRIPTION	WELL DIAGRAM
1						0.2 0.4 0.6 0.8	0 '- 1 ' Concrete	2" Flush mount curb box with concrete collar (0-0.5')
2	UD-1-6		5.0	2.2			1 '- 1.8 ' Medium/reddish brown, fine SAND, some medium to coarse sand, little silt, fine gravel, moist, no odor	Bentonite Seal (0.5-1)
3							1.8 '- 3.1 ' Medium/reddish brown, fine SAND, some medium to coarse sand, little silt, fine gravel, wet, no odor	No. 1 Sand (1-2)
4								
5							3.1 '- 3.2 ' Dark brown, fine to coarse SAND, slag and coal, no odor	
6								
7	UD-6-11		5.0	3.3			6 '- 7 ' Medium brown, fine to coarse SAND, some silt, wet, loose, no odor	1.5" Diameter PVC 0.010 Slot Screen with No.1 Sand Pre-Pack (2-12)
8							7 '- 7.3 ' Dark brown/black, SILT and fine SAND, some medium to coarse sand, trace slag, coal, wet, organic odor	
9							7.3 '- 7.5 ' Dark brown, SILT with some clay, dense, very moist, organic odor	
10							7.5 '- 7.8 ' Dark brown, fine to medium SAND, little silt, wet, organic odor	
11							7.8 '- 9.3 ' Dark brown SILT with some clay, lenses of peat, very moist, organic odor	
12							11 '- 11.3 ' Dark brown/gray, fine to medium SAND, little silt, wet, no odor, loose	
13							11.3 '- 14.7 ' Dark brown with slight gray hue, SILT with some clay and lenses of peat, organic odor	
14	UD-11-16		5.0	3.7				
15								
16								
17							Bottom of borehole at 16.0 feet.	
18								
19								
20								

Notes: Collect Sample 198DS-SB-6 from 2-3'

SOIL BORING/WELL COMPLETION WITH NOTES - TRC-STD120711 US.GDT - 5/24/12
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APPENDIX C

GROUNDWATER SAMPLING LOGS

Ground Water Sampling Log

Client: SPX
Project Number: 191185.0010.0000
Site Name / Location: 198 Douglass ST, Brookly, NY
Site Conditions / Weather: Clear 60°
Purge Method: Low Flow
Purge Equipment/Material: Bladder Pump, Horiba U-22, WL Meter, Poly Tubing
Headspace PID/FID (ppm): 11.5 ppm - well 20.8 - curb box
Pump Intake (ftbtoc): 8'

Well Identification: MW-1
Date: 5/11/2012
Depth to Water (ftbtoc): 3.82
Depth to Bottom (ftbtoc): 15
Standing Column (ft):
Well Diameter (in): 1.5
Standing Volume (gal,liter):
Screened Interval (ftbtoc): 5 - 15

Purging Information

Well Casing Volumes: 1" = 0.04 gal/ft = 0.15 L/ft, 2" = 0.16 gal/ft = 0.62 L/ft, 4" = 0.65 gal/ft = 2.47 L/ft, 6" = 1.47 gal/ft = 5.56 L/ft

Time	DTW (ftbtoc)	Purge Rate (gpm, lpm)	Volume Purged (gal,liter)	pH	Specific Cond. (mS/m)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temp. (ºC)	Other Sal %	ORP (mV)	Comments / Observations (color, odor, etc.)
0932	3.95			Start							sl. gray petro odor
0942	4.10	.160		6.87	82.5	63.1	2.82	13.80	4.00	-45	" "
0947	4.28	.160		6.86	43.7	26.9	2.50	13.81	2.69	-86	" "
0955	4.25	.160		6.94	30.5	61.7	3.31	13.52	1.87	-113	Changed bat. in U-22
1000	4.28	.160		6.96	28.5	63.3	2.39	13.78	1.70	-117	sl gray petro odor
1005	4.30	.160		6.98	23.9	61.2	2.29	13.78	1.33	-120	" "
1009	4.30	.160		7.00	18.0	59.5	2.09	13.77	1.01	-126	" "
1013	4.31	.160		6.98	14.8	61.8	2.05	13.82	0.84	-128	
1017	4.31	.160		6.97	12.8	63.3	2.05	13.83	0.70	-129	
1021	4.31	.160		6.96	11.1	59.8	1.87	13.85	0.61	-132	
1025	4.31	.160		6.98	10.0	61.2	1.98	13.86	0.53	-134	
1028	4.30	.160		6.97	5.50	64.0	1.80	13.85	0.28	-135	
3@3-5 m.				+/- 0.1	3%	10%	10%	3%		+/- 10 mV	

Sampling Information — Sample Identity: 198DS-MW-1 — Sample Time: 1045 — TRC Personnel: L. Bare

Analysis	Containers Number	Size	Type	Preservative	Sampling Method/Material	Comments / Observations
VOCs	3	40 ml	VOA	HCL	Low Flow/Bladder Pump	
					w/dedicated tubing and bladder	

Ground Water Sampling Log

Client: SPX
Project Number: 191185.0010.0000
Site Name / Location: 198 Douglass ST, Brookly, NY
Site Conditions / Weather:
Purge Method: Low Flow
Purge Equipment/Material: Bladder Pump, Horiba U-22, WL Meter, Poly Tubing
Headspace PID/FID (ppm):
Pump Intake (ftbtoc):

Well Identification: MW-1
Date: 5/11/2012
Depth to Water (ftbtoc):
Depth to Bottom (ftbtoc): 15
Standing Column (ft):
Well Diameter (in): 1.5
Standing Volume (gal,liter):
Screened Interval (ftbtoc): 5 - 15

Purging Information

Well Casing Volumes: 1" = 0.04 gal/ft = 0.15 L/ft, 2" = 0.16 gal/ft = 0.62 L/ft, 4" = 0.65 gal/ft = 2.47 L/ft, 6" = 1.47 gal/ft = 5.56 L/ft

Time	DTW (ftbtoc)	Purge Rate (gpm/lpm)	Volume Purged (gal,liter)	pH	Specific Cond. (mS/m)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temp. (ºC)	Other % Sal	ORP (mV)	Comments / Observations (color, odor, etc.)
1032	4.30	.160		6.98	5.03	61.1	1.82	13.78	0.26	-136	sl cloudy (gray) sl pet odor
1036	4.30	.160		6.99	4.66	66.6	1.82	13.79	0.25	-138	
1040	4.30	.160		6.98	4.62	59.9	1.82	13.80	0.22	-139	
1044	4.36	.160		6.97	4.59	66.3	1.80	13.78	0.20	-140	
3@3-5 m.				+/- 0.1	3%	10%	10%	3%		+/- 10 mV	

Sampling Information — Sample Identity: 198DS-MW-1 — Sample Time: 1045 — TRC Personnel:

Analysis	Containers Number	Size	Type	Preservative	Sampling Method/Material	Comments / Observations
VOCs	3	40 ml	VOA	HCL	Low Flow/Bladder Pump	
					w/dedicated tubing and bladder	

Ground Water Sampling Log

Client: SPX
Project Number: 191185.0010.0000
Site Name / Location: 198 Douglass ST, Brookly, NY
Site Conditions / Weather:
Purge Method: Low Flow
Purge Equipment/Material: Bladder Pump, Horiba U-22, WL Meter, Poly Tubing
Headspace PID/FID (ppm): 6.1 - Well 1.5 - Curb box
Pump Intake (ftbtoc): 8'

Well Identification: MW-2
Date: 5/11/2012
Depth to Water (ftbtoc): 3.38
Depth to Bottom (ftbtoc): 12.55
Standing Column (ft):
Well Diameter (in): 1.5
Standing Volume (gal,liter):
Screened Interval (ftbtoc): 2.55 - 12.55

Purging Information

Well Casing Volumes: 1" = 0.04 gal/ft = 0.15 L/ft, 2" = 0.16 gal/ft = 0.62 L/ft, 4" = 0.65 gal/ft = 2.47 L/ft, 6" = 1.47 gal/ft = 5.56 L/ft

Time	DTW (ftbtoc)	Purge Rate (gpm,lpm)	Volume Purged (gal,liter)	pH	Specific Cond. (mS/m)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temp. (ºC)	Other % Sat	ORP (mV)	Comments / Observations (color, odor, etc.)
1108	3.40	.170		Start							
1115	3.45	.170		7.42	41.2	44	2.63	14.41	2.53	-161	clear V.sl pet odo. (V.sl gray)
1120	3.46	.170		7.33	46.0	32.5	2.15	14.21	2.87	-167	
1125	3.47	.170		7.26	22.0	23.2	2.15	14.18	1.27	-168	
1130	3.48	.170		7.24	16.0	20.0	2.12	14.17	0.98	-168	
1135	3.48	.170		7.22	18.1	18.8	2.07	14.17	0.70	-168	
1140	3.48	.170		7.19	5.10	16.6	1.96	14.15	0.27	-168	
1145	3.48	.170		7.17	4.03	15.4	1.92	14.15	0.21	-169	
1150	3.48	.170		7.17	3.45	16.1	1.87	14.14	0.17	-169	
1200	3.47	.170		7.13	2.95	18.0	1.77	14.14	0.14	-170	
1205	3.47	.170		7.14	2.90	17.6	1.76	14.14	0.14	-170	
1209	3.47	.170		7.13	2.87	19.1	1.74	14.13	0.13	-171	
3@3-5 m.				+/- 0.1	3%	10%	10%	3%		+/- 10 mV	

Sampling Information — Sample Identity: 198DS-MW-2 — Sample Time: 1214 — TRC Personnel: L. Barre

Analysis	Containers Number	Size	Type	Preservative	Sampling Method/Material	Comments / Observations
VOCs	3	40 ml	VOA	HCL	Low Flow/Bladder Pump	
					w/dedicated tubing and bladder	

Ground Water Sampling Log

Client: SPX
Project Number: 191185.0010.0000
Site Name / Location: 198 Douglass ST, Brookly, NY
Site Conditions / Weather: Clear 60-70°
Purge Method: Low Flow
Purge Equipment/Material: Bladder Pump, Horiba U-22, WL Meter, Poly Tubing
Headspace PID/FID (ppm): 3.1 - well 1.2 - Curb box
Pump Intake (ftbtoc): 27'

Well Identification: MW-3
Date: 5/11/2012
Depth to Water (ftbtoc): 3.98
Depth to Bottom (ftbtoc): 29.5
Standing Column (ft):
Well Diameter (in): 1.5
Standing Volume (gal,liter):
Screened Interval (ftbtoc): 24.5 - 29.5

Purging Information

Well Casing Volumes: 1" = 0.04 gal/ft = 0.15 L/ft, 2" = 0.16 gal/ft = 0.62 L/ft, 4" = 0.65 gal/ft = 2.47 L/ft, 6" = 1.47 gal/ft = 5.56 L/ft

Time	DTW (ftbtoc)	Purge Rate (gpm, lpm)	Volume Purged (gal,liter)	pH	Specific Cond. (mS/m)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temp. (ºC)	Other	ORP (mV)	Comments / Observations (color, odor, etc.)
1215	3.75	~~170~~									
1240	3.78	.180		Start							
1245	3.90	.180		7.78	1.39	133	3.34	15.01	0.07	-149	sl Grey petro odor
1250	3.94	.180		7.79	8.18	42.2	2.30	14.96	0.43	-182	" "
1255	3.93	.180		7.78	5.79	47.1	2.02	14.97	0.31	-192	" "
1300	3.92	.180		7.76	3.55	73.3	2.01	14.95	0.18	-195	" "
1305	3.91	.180		7.76	2.93	65.8	1.95	15.00	0.14	-201	" "
1310	3.91	.180		7.74	2.01	87.1	1.81	14.99	0.10	-204	" "
1315	3.91	.180		7.72	1.29	119	1.69	15.00	0.06	-207	" "
1320	3.90	.180		7.72	1.19	126	1.68	15.01	0.05	-209	turb. meter failing out
1325	3.90	.180		7.72	1.11	—	1.65	15.02	0.05	-209	
1330 1335	3.90	.180		7.71 7.70	1.10 1.09	— —	1.64 1.63	15.02 15.02	0.05 0.05	-211 -212	
3@3-5 m.				+/- 0.1	3%	10%	10%	3%		+/- 10 mV	

Sampling Information — Sample Identity: 198DS-MW-3 — Sample Time: 1338 — TRC Personnel: L. Bane

Analysis	Containers: Number	Size	Type	Preservative	Sampling Method/Material	Comments / Observations
VOCs	3	40 ml	VOA	HCL	Low Flow/Bladder Pump	Duplicate collected
					w/dedicated tubing and bladder	labled 198DS-MW-5
						@ ~~1420~~ 1455

Ground Water Sampling Log

Client: SPX
Project Number: 191185.0010.0000
Site Name / Location: 198 Douglass ST, Brookly, NY
Site Conditions / Weather: Clear 60-70s
Purge Method: Low Flow
Purge Equipment/Material: Bladder Pump, Horiba U-22, WL Meter, Poly Tubing
Headspace PID/FID (ppm): 2.5
Pump Intake (ftbtoc): 7'

Well Identification: MW-4
Date: 5/11/2012
Depth to Water (ftbtoc): 3.35
Depth to Bottom (ftbtoc): 12.1
Standing Column (ft):
Well Diameter (in): 1.5
Standing Volume (gal,liter):
Screened Interval (ftbtoc): 2.10 ~~12 Feb~~ 12.10'

Purging Information

Well Casing Volumes: 1" = 0.04 gal/ft = 0.15 L/ft, 2" = 0.16 gal/ft = 0.62 L/ft, 4" = 0.65 gal/ft = 2.47 L/ft, 6" = 1.47 gal/ft = 5.56 L/ft

Time	DTW (ftbtoc)	Purge Rate (gpm,lpm)	Volume Purged (gal,liter)	pH	Specific Cond. (mS/m)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temp. (ºC)	Other 6/6 Sal	ORP (mV)	Comments / Observations (color, odor, etc.)
1348	3.38	.180			Start	+					
1355	3.35	.180		7.81	99.9 max	19.3	0.64	16.34	max 4.00	-159	V.sl gray petro odor
1400	3.32	.180		7.77	max	5.4	0.68	16.42	4.00	-154	" "
1405	3.32	.180		7.74	max	0.8	0.71	16.50	4.06	-140	" "
1410	3.31	.180		7.73	max	0.1	0.71	16.51	4.00	-135	" "
1415	3.30	.180		7.72	max	0	0.71	16.53	4.00	-127	" "
1420	3.30	.180		7.71	max	0	0.71	16.52	4.00	-121	
1425	3.30	.180		7.71	max	0	0.71	16.53	4.00	-119	
3@3-5 m.				+/- 0.1	3%	10%	10%	3%		+/- 10 mV	

Sampling Information — Sample Identity: 198DS-MW-4 — Sample Time: 1423 — TRC Personnel: L. Barr

Analysis	Containers Number	Size	Type	Preservative	Sampling Method/Material	Comments / Observations
VOCs	3	40 ml	VOA	HCL	Low Flow/Bladder Pump	Collected in
					w/dedicated tubing and bladder	triplicate for MS/MSD

Page __ of __

APPENDIX D

ANALYTICAL DATA PACKAGES AND DATA USABILITY SUMMARY REPORT (DUSR)

DUSR

Data Usability Summary Report

Site: 198 Douglass Street Site
Laboratory (SDG): Con-test Analytical Laboratory, East Longmeadow, MA (12E0006)
Accutest Laboratories, Dayton, NJ (JB5733 and JB6369)
Reviewer: Paula DiMattei/TRC
Date: May 24, 2012

Samples Reviewed and Evaluation Summary

VOCs:

SDG 12E0006 :
7/Air/ SVP-1, SVPA-1, SVP-2, SVPA-2, SVPA-3, SVP-3, Exterior

SDG JB5733:
7/Soil/ 198DS-SB-1, 198DS-SB-2, 198DS-SB-3, 198DS-SB-4, 198DS-SB-5, 198DS-SB-6, 198DS-SB-7
2/Field Blanks/ FB050312, FB050412

SDG JB6369:
5/Groundwaters/ 198DS-MW-1, 198DS-MW-2, 198DS-MW-3, 198DS-MW-4, 198DS-MW-5
1/Trip blank/ TB051112
1/Field blank/ FB051112

The above-listed air samples were collected on April 30, 2012 and were analyzed for volatile organic compounds (VOCs) by EPA Method TO-15. The above-listed soil samples were collected on May 3 and 4, 2012 and the above-listed groundwater samples were collected on May 11, 2012. The soil and groundwater samples were analyzed for VOCs by SW-846 Method 8260B. The data validation was performed in accordance with the *USEPA Region II Validating Volatile Organic Compounds by SW-846 Method 8260B,* August 2008.

The data were evaluated based on the following parameters:

- Overall Evaluation of Data and Potential Usability Issues
* • Data Completeness
* • Holding Times and Sample Preservation
* • Gas Chromatography/Mass Spectrometry (GC/MS) Tunes
- Initial and Continuing Calibrations
- Blanks
* • Surrogate Recoveries
- Matrix Spike/Matrix Spike Duplicate (MS/MSD) Results
* • Internal Standards
- Laboratory Control Sample (LCS) Results
* • Field Duplicate Results
* • Moisture Content
- Sample Results and Reported Quantitation Limits

* • Target Compound Identification
* • Tentatively Identified Compounds (TICs)

* - All criteria were met.

Overall Evaluation of Data and Potential Usability Issues

All results are usable for project objectives with the exception of acetone in all groundwater samples and all field blanks, acetone in all soil samples except 198DS-SB-2, and 2-butanone in all soil samples.

Qualification of the soil, groundwater and air data as a result of sampling error was not required. Qualification of the air data as a result of analytical error was not required. Qualifications applied to the soil and groundwater data as a result of analytical error are discussed below.

- Potential uncertainty exists for select VOC results in soil and groundwater samples which were below the lowest calibration standard and quantitation limit. These results were qualified as estimated (J) in the associated samples. These results can be used for project objectives as estimated values which may have a minor impact on the data usability.

- The nondetect results for 2-butanone in all soil samples and for acetone in all groundwater samples, field blanks FB050312 and FB050412, trip blank TB051112, and in all soil samples except 198DS-SB-2 were rejected (R) due to low response factors. These results are not usable for project objectives. This qualification may have a major impact on the data usability.

- The positive result for acetone in sample 198DS-SB-2 and the nondetect results for carbon disulfide and 1,1-dichloroethane in samples 198DS-MW-1, 198DS-MW-2, 198DS-MW-4, FB051112, and TB051112, 1,2-dibromo-3-chloropropane in samples 198DS-MW-3 and 198DS-MW-5, bromomethane in samples FB050312 and FB050412, dichlorodifluoromethane in all soil samples, and 4-methyl-2-pentanone in samples 198DS-SB-2, 198DS-SB-3, 198DS-SB-4, 198DS-SB-5, and 198DS-SB-6 were qualified as estimated (J/UJ) due to continuing calibration nonconformances. These results can be used for project objectives as estimated values and nondetects with estimated quantitation limits. This qualification may have a minor impact on the data usability.

Data Completeness

The data packages were complete as defined under the requirements for the NYSDEC ASP Category B deliverables for VOC analyses.

Holding Times and Sample Preservation

All holding time and sample preservation criteria were met for the air, soil, and groundwater VOC analyses.

GC/MS Tunes

All criteria were met in the VOC analyses.

Initial and Continuing Calibrations

All initial and continuing calibration criteria were met for the air samples.

All percent relative standard deviations (%RSDs) and relative response factors (RRFs) were within the acceptance criteria in the initial calibration standards associated with the soil and groundwater samples in this data set with the following exceptions.

Calibration	Compound	RRF	Action
4-24-12 GCMS 3D	Acetone	0.040	The nondetect results for acetone in the associated samples were rejected (R).
Associated samples: All groundwater samples in this data set, TB051112, FB051112.			
5/3/12 GCMS 4B	Acetone	0.039	The nondetect results for acetone in the associated samples were rejected (R).
Associated samples: FB050312, FB050412			
5/4/12 GCMS E	Acetone	0.040	Acetone was not reported from the associated diluted analysis; thus, no data validation actions were required.
Associated sample: 198DS-SB-1DL			
4/26/11 GCMS Y	Acetone	0.028	The positive result for acetone in sample 198DS-SB-2 was qualified as estimated (J). The nondetect results for acetone in the remaining associated samples and 2-butanone in all associated samples were rejected (R).
	2-Butanone	0.038	
Associated samples: 198DS-SB-1, 198DS-SB-2, 198DS-SB-3, 198DS-SB-4, 198DS-SB-5, 198DS-SB-6, 198DS-SB-7			

All percent differences (%Ds), percent drifts and RRFs were within the acceptance criteria in the continuing calibration standards associated with the soil and groundwater samples in this data set with the following exceptions.

Calibration	Compound	RRF	%D	Action
05/15/12 22:52 GCMS 3D	Carbon disulfide	-	-27.1	The nondetect results for carbon disulfide and 1,1-dichloroethane in the associated samples were qualified as estimated (UJ).
	1,1-Dichloroethane	-	-24.1	
Associated samples: 198DS-MW-1, 198DS-MW-2, 198DS-MW-4, FB051112, TB051112				
05/16/12	1,2-Dibromo-3-chloropropane	-	29.3	The nondetect results for 1,2-dibromo-3-chloropropane in the associated samples were qualified as estimated

Calibration	Compound	RRF	%D	Action
GCMS 3D	Acetone	0.043	-	(UJ). The nondetect results for acetone in the associated samples were rejected (R).
Associated samples: 198DS-MW-3, 198DS-MW-5				
5/10/12 GCMS 4B	Bromomethane	-	-28.0	The nondetect results for bromomethane in the associated samples were qualified as estimated (UJ). The nondetect results for acetone in the associated samples were rejected (R).
	Acetone	0.043	-	
Associated samples: FB050312, FB050412				
5/16/12 GCMS E	1,4-Dioxane	-	-29.5	Acetone and 1,4-dioxane were not reported from the associated diluted analysis; thus, no data validation actions were required.
	Acetone	0.038	-	
Associated sample: 198DS-SB-1DL				
5/8/12 10:15 GCMS Y	Dichlorodifluoromethane	-	23.6	The nondetect results for dichlorodifluoromethane and 4-methyl-2-pentanone in the associated samples were qualified as estimated (UJ). The positive result for acetone in sample 198DS-SB-2 was qualified as estimated (J). The nondetect results for acetone in the remaining associated samples were rejected (R). The nondetect results for 2-butanone in the associated samples were rejected (R).
	4-Methyl-2-pentanone	-	-24.5	
	Acetone	0.025	-	
	2-Butanone	0.042	-	
Associated samples: 198DS-SB-2, 198DS-SB-3, 198DS-SB-4, 198DS-SB-5, 198DS-SB-6				
5/8/12 22:30 GCMS Y	Dichlorodifluoromethane	-	22.7	The nondetect results for dichlorodifluoromethane in the associated samples were qualified as estimated (UJ). The nondetect results for acetone and 2-butanone in the associated samples were rejected (R).
	Acetone	0.025	-	
	2-Butanone	0.038	-	
Associated samples: 198DS-SB-1, 198DS-SB-7				

- Criteria met

Blanks

Target compounds were not detected in the laboratory method blanks or trip blank associated with the air, soil and/or groundwater samples. Target compounds were not detected in the canister certification analyses.

Chloroform was detected in the field blank sample FB050412; however, chloroform was not detected in the samples that were associated with this field blank. Additionally, several tentatively identified compounds (TICs) were detected in field blanks FB050312 and FB051112. These TICs were not detected in the associated samples. No validation actions were required on the basis of these issues.

Surrogate Recoveries

All criteria were met in the air, soil, and groundwater VOC analyses.

MS/MSD Results

MS/MSD analyses are not performed for the air matrix; no data validation actions were required on this basis.

The laboratory performed MS/MSD analyses on soil sample 198DS-SB-5. The MS recovery (232%) of acetone exceeded the acceptance limits (12-189%). No data validation actions were required on this basis.

The laboratory performed MS/MSD analyses on groundwater sample 198DS-MW-4. The MS and MSD recoveries (137/142%) of 1,1-dichloroethane and the MSD recovery (131%) of methylene chloride exceeded the acceptance limits (58-132% and 60-130%, respectively). No data validation actions were required on this basis.

Internal Standards

All criteria were met in the air, soil, and groundwater VOC analyses.

LCS Results

The LCS percent recoveries (%Rs) were within the acceptance criteria for the air, soil, and groundwater sample analyses with the following exceptions.

Compound	%R	QC Limit	Action
Bromomethane	141	55-140	Bromomethane was not detected in the associated samples; therefore, no data validation actions were required since the high recovery is indicative of a high bias.
Associated samples: FB050312 and FB050412			
1,1-Dichloroethane	126	74-124	1,1-Dichloroethane was not detected in the associated samples; therefore, no data validation actions were required since the high recovery is indicative of a high bias.
Associated samples: TB051112, FB051112, 198DS-MW-1, 198DS-MW-2, 198DS-MW-4			

Field Duplicate Results

Samples 198DS-SB-1/198DS-SB-7 and 198DS-MW-3/198DS-MW-5 were submitted as the field duplicate pairs with this sample set. The following tables summarize the relative percent differences (RPDs) of the detected compounds in each field duplicate pair, all of which were within the acceptance criteria.

Compound	198DS-SB-1 (µg/Kg)	198DS-SB-7 (µg/Kg)	RPD (%)
Carbon disulfide	106 J	41.3 J	88
Cyclohexane	1050	270 U	NC
Ethylbenzene	292	221	28
Isopropylbenzene	3910	2930	29
Methylcyclohexane	11,900	9130	26
Toluene	300	216	33
m,p-Xylene	28.1 J	27.6 J	1.8
o-Xylene	13.0 J	54 U	NC
Xylenes (total)	41.1 J	27.6 J	39
Criteria: RPD <50 for results >5x the quantitation limit RPD <100 for results <5x the quantitation limit			

NC – Not calculable

Compound	198DS-MW-3 (µg/L)	198DS-MW-5 (µg/L)	RPD (%)
Ethylbenzene	0.48 J	0.47 J	2.1
Isopropylbenzene	1.2 J	1.2 J	0
Methyl-t-butyl ether	10.7	10.7	0
Vinyl chloride	0.75 J	0.75 J	0
Criteria: RPD <30 for results >5x the quantitation limit RPD <60 for results <5x the quantitation limit			

Moisture Content

All criteria were met.

Sample Results and Reported Quantitation Limits

Sample calculations were spot-checked; there were no errors noted.

Select VOC results in soil and groundwater samples were reported which were below the lowest calibration standard level and quantitation limit (QL). These results were qualified as estimated (J) in the associated samples by the laboratory.

There were no dilutions performed on the groundwater samples.

Soil samples 198DS-SB-1 and 198DS-SB-7 were analyzed as high-level soil samples due to the concentrations of target analytes which would have exceeded the calibration range if analyzed at low-level. Quantitation limits were elevated accordingly in these samples. Sample 198DS-SB-1 was analyzed at an additional 5-fold dilution due to the concentration of methylcyclohexane which exceeded the calibration range in the original high-level analysis; the laboratory combined the

results of both analyses in order to report all results within the calibration range and the lowest possible quantitation limits.

Air samples SVP-1 and SVP-3 were analyzed at 2-fold and 10-fold dilutions, respectively, due to the concentrations of target analytes which would have exceeded the calibration range if analyzed undiluted. Quantitation limits were elevated accordingly in these samples.

Target Compound Identification

All criteria were met in the air, soil, and groundwater VOC analyses.

Tentatively Identified Compounds (TICs)

All criteria were met in the soil and groundwater VOC analyses.

Qualified Form Is

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ANALYTICAL RESULTS

Project Location: 198 Douglas St., Brooklyn, NY
Date Received: 5/1/2012
Field Sample #: SVP-1
Sample ID: 12E0006-01
Sample Matrix: Soil Gas
Sampled: 4/30/2012 19:58

Sample Description/Location: Soil Vapor
Sub Description/Location:
Canister ID: 1238
Canister Size: 6 liter
Flow Controller ID: 3243
Sample Type: 8 hr

Work Order: 12E0006
Initial Vacuum(in Hg): -29
Final Vacuum(in Hg):
Receipt Vacuum(in Hg): -10.4
Flow Controller Type: Fixed-Orifice
Flow Controller Calibration
RPD Pre and Post-Sampling: <20%

Sample Flags: DL-03

EPA TO-15

Analyte	ppbv Results	ppbv RL	Flag	ug/m3 Results	ug/m3 RL	Dilution	Date/Time Analyzed	Analyst
Benzene	1.0	0.10		3.2	0.32	2	5/3/12 2:31	TPH
Carbon Tetrachloride	ND	0.10		ND	0.63	2	5/3/12 2:31	TPH
Chlorobenzene	ND	0.10		ND	0.46	2	5/3/12 2:31	TPH
Chloroethane	ND	0.10		ND	0.26	2	5/3/12 2:31	TPH
Chloromethane	ND	0.10		ND	0.21	2	5/3/12 2:31	TPH
1,2-Dichlorobenzene	ND	0.10		ND	0.60	2	5/3/12 2:31	TPH
1,3-Dichlorobenzene	ND	0.10		ND	0.60	2	5/3/12 2:31	TPH
1,1-Dichloroethane	ND	0.10		ND	0.40	2	5/3/12 2:31	TPH
1,2-Dichloroethane	ND	0.10		ND	0.40	2	5/3/12 2:31	TPH
1,1-Dichloroethylene	ND	0.10		ND	0.40	2	5/3/12 2:31	TPH
cis-1,2-Dichloroethylene	ND	0.10		ND	0.40	2	5/3/12 2:31	TPH
trans-1,2-Dichloroethylene	ND	0.10		ND	0.40	2	5/3/12 2:31	TPH
1,2-Dichloropropane	ND	0.10		ND	0.46	2	5/3/12 2:31	TPH
Ethylbenzene	37	0.10		160	0.43	2	5/3/12 2:31	TPH
Methyl tert-Butyl Ether (MTBE)	ND	0.10		ND	0.36	2	5/3/12 2:31	TPH
Methylene Chloride	1.1	1.0		3.7	3.5	2	5/3/12 2:31	TPH
Naphthalene	ND	0.10		ND	0.52	2	5/3/12 2:31	TPH
Tetrachloroethylene	0.50	0.10		3.4	0.68	2	5/3/12 2:31	TPH
Toluene	27	0.10		100	0.38	2	5/3/12 2:31	TPH
1,1,1-Trichloroethane	0.15	0.10		0.80	0.55	2	5/3/12 2:31	TPH
Trichloroethylene	8.5	0.10		46	0.54	2	5/3/12 2:31	TPH
1,2,4-Trimethylbenzene	1.4	0.10		6.8	0.49	2	5/3/12 2:31	TPH
1,3,5-Trimethylbenzene	0.80	0.10		3.9	0.49	2	5/3/12 2:31	TPH
Vinyl Chloride	ND	0.10		ND	0.26	2	5/3/12 2:31	TPH
m&p-Xylene	130	0.20		570	0.87	2	5/3/12 2:31	TPH
o-Xylene	68	0.10		300	0.43	2	5/3/12 2:31	TPH

Surrogates	% Recovery	% REC Limits	
4-Bromofluorobenzene (1)	103	70-130	5/3/12 2:31

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ANALYTICAL RESULTS

Project Location: 198 Douglas St., Brooklyn, NY
Date Received: 5/1/2012
Field Sample #: SVPA-1
Sample ID: 12E0006-02
Sample Matrix: Ambient Air
Sampled: 4/30/2012 19:58

Sample Description/Location: Ambient
Sub Description/Location:
Canister ID: 1619
Canister Size: 6 liter
Flow Controller ID: 3292
Sample Type: 8 hr

Work Order: 12E0006
Initial Vacuum(in Hg): -30
Final Vacuum(in Hg):
Receipt Vacuum(in Hg): -7.9
Flow Controller Type: Fixed-Orifice
Flow Controller Calibration
RPD Pre and Post-Sampling: <20%

EPA TO-15

Analyte	ppbv Results	ppbv RL	Flag	ug/m3 Results	ug/m3 RL	Dilution	Date/Time Analyzed	Analyst
Benzene	0.25	0.035		0.79	0.11	0.702	5/3/12 1:52	TPH
Carbon Tetrachloride	0.067	0.035		0.42	0.22	0.702	5/3/12 1:52	TPH
Chlorobenzene	ND	0.035		ND	0.16	0.702	5/3/12 1:52	TPH
Chloroethane	0.063	0.035		0.17	0.093	0.702	5/3/12 1:52	TPH
Chloromethane	ND	0.035		ND	0.072	0.702	5/3/12 1:52	TPH
1,2-Dichlorobenzene	ND	0.035		ND	0.21	0.702	5/3/12 1:52	TPH
1,3-Dichlorobenzene	ND	0.035		ND	0.21	0.702	5/3/12 1:52	TPH
1,1-Dichloroethane	ND	0.035		ND	0.14	0.702	5/3/12 1:52	TPH
1,2-Dichloroethane	ND	0.035		ND	0.14	0.702	5/3/12 1:52	TPH
1,1-Dichloroethylene	ND	0.035		ND	0.14	0.702	5/3/12 1:52	TPH
cis-1,2-Dichloroethylene	ND	0.035		ND	0.14	0.702	5/3/12 1:52	TPH
trans-1,2-Dichloroethylene	ND	0.035		ND	0.14	0.702	5/3/12 1:52	TPH
1,2-Dichloropropane	ND	0.035		ND	0.16	0.702	5/3/12 1:52	TPH
Ethylbenzene	0.55	0.035		2.4	0.15	0.702	5/3/12 1:52	TPH
Methyl tert-Butyl Ether (MTBE)	ND	0.035		ND	0.13	0.702	5/3/12 1:52	TPH
Methylene Chloride	3.8	0.35		13	1.2	0.702	5/3/12 1:52	TPH
Naphthalene	0.35	0.035		1.8	0.18	0.702	5/3/12 1:52	TPH
Tetrachloroethylene	0.49	0.035		3.3	0.24	0.702	5/3/12 1:52	TPH
Toluene	3.0	0.035		11	0.13	0.702	5/3/12 1:52	TPH
1,1,1-Trichloroethane	ND	0.035		ND	0.19	0.702	5/3/12 1:52	TPH
Trichloroethylene	0.037	0.035		0.20	0.19	0.702	5/3/12 1:52	TPH
1,2,4-Trimethylbenzene	1.5	0.035		7.6	0.17	0.702	5/3/12 1:52	TPH
1,3,5-Trimethylbenzene	0.50	0.035		2.4	0.17	0.702	5/3/12 1:52	TPH
Vinyl Chloride	ND	0.035		ND	0.090	0.702	5/3/12 1:52	TPH
m&p-Xylene	2.1	0.070		9.3	0.30	0.702	5/3/12 1:52	TPH
o-Xylene	0.96	0.035		4.2	0.15	0.702	5/3/12 1:52	TPH

Surrogates	% Recovery	% REC Limits	
Bromofluorobenzene (1)	104	70-130	5/3/12 1:52

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ANALYTICAL RESULTS

Project Location: 198 Douglas St., Brooklyn, NY
Date Received: 5/1/2012
Field Sample #: SVP-2
Sample ID: 12E0006-03
Sample Matrix: Soil Gas
Sampled: 4/30/2012 19:59

Sample Description/Location: Soil Vapor
Sub Description/Location:
Canister ID: 1346
Canister Size: 6 liter
Flow Controller ID: 3244
Sample Type: 8 hr

Work Order: 12E0006
Initial Vacuum(in Hg): -29
Final Vacuum(in Hg):
Receipt Vacuum(in Hg): -7.4
Flow Controller Type: Fixed-Orifice
Flow Controller Calibration
RPD Pre and Post-Sampling: <20%

EPA TO-15

Analyte	ppbv Results	ppbv RL	Flag	ug/m3 Results	ug/m3 RL	Dilution	Date/Time Analyzed	Analyst
Benzene	0.054	0.035		0.17	0.11	0.702	5/3/12 1:07	TPH
Carbon Tetrachloride	ND	0.035		ND	0.22	0.702	5/3/12 1:07	TPH
Chlorobenzene	ND	0.035		ND	0.16	0.702	5/3/12 1:07	TPH
Chloroethane	ND	0.035		ND	0.093	0.702	5/3/12 1:07	TPH
Chloromethane	ND	0.035		ND	0.072	0.702	5/3/12 1:07	TPH
1,2-Dichlorobenzene	ND	0.035		ND	0.21	0.702	5/3/12 1:07	TPH
1,3-Dichlorobenzene	ND	0.035		ND	0.21	0.702	5/3/12 1:07	TPH
1,1-Dichloroethane	ND	0.035		ND	0.14	0.702	5/3/12 1:07	TPH
1,2-Dichloroethane	ND	0.035		ND	0.14	0.702	5/3/12 1:07	TPH
1,1-Dichloroethylene	ND	0.035		ND	0.14	0.702	5/3/12 1:07	TPH
cis-1,2-Dichloroethylene	ND	0.035		ND	0.14	0.702	5/3/12 1:07	TPH
trans-1,2-Dichloroethylene	ND	0.035		ND	0.14	0.702	5/3/12 1:07	TPH
1,2-Dichloropropane	ND	0.035		ND	0.16	0.702	5/3/12 1:07	TPH
Ethylbenzene	0.074	0.035		0.32	0.15	0.702	5/3/12 1:07	TPH
Methyl tert-Butyl Ether (MTBE)	ND	0.035		ND	0.13	0.702	5/3/12 1:07	TPH
Methylene Chloride	0.63	0.35		2.2	1.2	0.702	5/3/12 1:07	TPH
Naphthalene	0.16	0.035		0.82	0.18	0.702	5/3/12 1:07	TPH
Tetrachloroethylene	1.4	0.035		9.7	0.24	0.702	5/3/12 1:07	TPH
Toluene	0.39	0.035		1.5	0.13	0.702	5/3/12 1:07	TPH
1,1,1-Trichloroethane	0.11	0.035		0.60	0.19	0.702	5/3/12 1:07	TPH
Trichloroethylene	19	0.035		100	0.19	0.702	5/3/12 1:07	TPH
1,2,4-Trimethylbenzene	0.49	0.035		2.4	0.17	0.702	5/3/12 1:07	TPH
1,3,5-Trimethylbenzene	0.15	0.035		0.72	0.17	0.702	5/3/12 1:07	TPH
Vinyl Chloride	ND	0.035		ND	0.090	0.702	5/3/12 1:07	TPH
m&p-Xylene	0.22	0.070		0.96	0.30	0.702	5/3/12 1:07	TPH
o-Xylene	0.13	0.035		0.56	0.15	0.702	5/3/12 1:07	TPH

Surrogates	% Recovery	% REC Limits	
4-Bromofluorobenzene (1)	107	70-130	5/3/12 1:07

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ANALYTICAL RESULTS

Project Location: 198 Douglas St., Brooklyn, NY
Date Received: 5/1/2012
Field Sample #: SVPA-2
Sample ID: 12E0006-04
Sample Matrix: Ambient Air
Sampled: 4/30/2012 19:59

Sample Description/Location: Ambient
Sub Description/Location:
Canister ID: 1738
Canister Size: 6 liter
Flow Controller ID: 3199
Sample Type: 8 hr

Work Order: 12E0006
Initial Vacuum(in Hg): -32
Final Vacuum(in Hg):
Receipt Vacuum(in Hg): -7.9
Flow Controller Type: Fixed-Orifice
Flow Controller Calibration
RPD Pre and Post-Sampling: <20%

EPA TO-15

Analyte	ppbv Results	ppbv RL	Flag	ug/m3 Results	ug/m3 RL	Dilution	Date/Time Analyzed	Analyst
Benzene	0.23	0.035		0.75	0.11	0.702	5/3/12 0:22	TPH
Carbon Tetrachloride	0.043	0.035		0.27	0.22	0.702	5/3/12 0:22	TPH
Chlorobenzene	ND	0.035		ND	0.16	0.702	5/3/12 0:22	TPH
Chloroethane	0.070	0.035		0.19	0.093	0.702	5/3/12 0:22	TPH
Chloromethane	0.66	0.035		1.4	0.072	0.702	5/3/12 0:22	TPH
1,2-Dichlorobenzene	ND	0.035		ND	0.21	0.702	5/3/12 0:22	TPH
1,3-Dichlorobenzene	ND	0.035		ND	0.21	0.702	5/3/12 0:22	TPH
1,1-Dichloroethane	ND	0.035		ND	0.14	0.702	5/3/12 0:22	TPH
1,2-Dichloroethane	ND	0.035		ND	0.14	0.702	5/3/12 0:22	TPH
1,1-Dichloroethylene	ND	0.035		ND	0.14	0.702	5/3/12 0:22	TPH
cis-1,2-Dichloroethylene	ND	0.035		ND	0.14	0.702	5/3/12 0:22	TPH
trans-1,2-Dichloroethylene	ND	0.035		ND	0.14	0.702	5/3/12 0:22	TPH
1,2-Dichloropropane	ND	0.035		ND	0.16	0.702	5/3/12 0:22	TPH
Ethylbenzene	0.43	0.035		1.8	0.15	0.702	5/3/12 0:22	TPH
Methyl tert-Butyl Ether (MTBE)	ND	0.035		ND	0.13	0.702	5/3/12 0:22	TPH
Methylene Chloride	4.3	0.35		15	1.2	0.702	5/3/12 0:22	TPH
Naphthalene	0.26	0.035		1.4	0.18	0.702	5/3/12 0:22	TPH
Tetrachloroethylene	0.48	0.035		3.2	0.24	0.702	5/3/12 0:22	TPH
Toluene	2.7	0.035		10	0.13	0.702	5/3/12 0:22	TPH
1,1,1-Trichloroethane	ND	0.035		ND	0.19	0.702	5/3/12 0:22	TPH
Trichloroethylene	ND	0.035		ND	0.19	0.702	5/3/12 0:22	TPH
1,2,4-Trimethylbenzene	1.4	0.035		7.0	0.17	0.702	5/3/12 0:22	TPH
1,3,5-Trimethylbenzene	0.45	0.035		2.2	0.17	0.702	5/3/12 0:22	TPH
Vinyl Chloride	ND	0.035		ND	0.090	0.702	5/3/12 0:22	TPH
m&p-Xylene	1.7	0.070		7.3	0.30	0.702	5/3/12 0:22	TPH
o-Xylene	0.74	0.035		3.2	0.15	0.702	5/3/12 0:22	TPH

Surrogates	% Recovery	% REC Limits	
Bromofluorobenzene (1)	104	70-130	5/3/12 0:22

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39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

ANALYTICAL RESULTS

Project Location: 198 Douglas St., Brooklyn, NY
Date Received: 5/1/2012
Field Sample #: SVPA-3
Sample ID: 12E0006-05
Sample Matrix: Indoor air
Sampled: 4/30/2012 20:02

Sample Description/Location: Soil Vapor
Sub Description/Location:
Canister ID: 1463
Canister Size: 6 liter
Flow Controller ID: 3079
Sample Type: 8 hr

Work Order: 12E0006
Initial Vacuum(in Hg): -30
Final Vacuum(in Hg):
Receipt Vacuum(in Hg): -7.8
Flow Controller Type: Fixed-Orifice
Flow Controller Calibration
RPD Pre and Post-Sampling: <20%

EPA TO-15

Analyte	ppbv Results	ppbv RL	Flag	ug/m3 Results	ug/m3 RL	Dilution	Date/Time Analyzed	Analyst
Benzene	0.21	0.035		0.68	0.11	0.702	5/2/12 23:38	TPH
Carbon Tetrachloride	0.065	0.035		0.41	0.22	0.702	5/2/12 23:38	TPH
Chlorobenzene	ND	0.035		ND	0.16	0.702	5/2/12 23:38	TPH
Chloroethane	ND	0.035		ND	0.093	0.702	5/2/12 23:38	TPH
Chloromethane	0.60	0.035		1.2	0.072	0.702	5/2/12 23:38	TPH
1,2-Dichlorobenzene	ND	0.035		ND	0.21	0.702	5/2/12 23:38	TPH
1,3-Dichlorobenzene	ND	0.035		ND	0.21	0.702	5/2/12 23:38	TPH
1,1-Dichloroethane	ND	0.035		ND	0.14	0.702	5/2/12 23:38	TPH
1,2-Dichloroethane	ND	0.035		ND	0.14	0.702	5/2/12 23:38	TPH
1,1-Dichloroethylene	ND	0.035		ND	0.14	0.702	5/2/12 23:38	TPH
cis-1,2-Dichloroethylene	ND	0.035		ND	0.14	0.702	5/2/12 23:38	TPH
trans-1,2-Dichloroethylene	ND	0.035		ND	0.14	0.702	5/2/12 23:38	TPH
1,2-Dichloropropane	ND	0.035		ND	0.16	0.702	5/2/12 23:38	TPH
Ethylbenzene	0.37	0.035		1.6	0.15	0.702	5/2/12 23:38	TPH
Methyl tert-Butyl Ether (MTBE)	ND	0.035		ND	0.13	0.702	5/2/12 23:38	TPH
Methylene Chloride	4.5	0.35		16	1.2	0.702	5/2/12 23:38	TPH
Naphthalene	0.47	0.035		2.5	0.18	0.702	5/2/12 23:38	TPH
Tetrachloroethylene	0.47	0.035		3.2	0.24	0.702	5/2/12 23:38	TPH
Toluene	2.3	0.035		8.8	0.13	0.702	5/2/12 23:38	TPH
1,1,1-Trichloroethane	ND	0.035		ND	0.19	0.702	5/2/12 23:38	TPH
Trichloroethylene	ND	0.035		ND	0.19	0.702	5/2/12 23:38	TPH
1,2,4-Trimethylbenzene	1.4	0.035		7.0	0.17	0.702	5/2/12 23:38	TPH
1,3,5-Trimethylbenzene	0.44	0.035		2.2	0.17	0.702	5/2/12 23:38	TPH
Vinyl Chloride	ND	0.035		ND	0.090	0.702	5/2/12 23:38	TPH
m&p-Xylene	1.5	0.070		6.3	0.30	0.702	5/2/12 23:38	TPH
o-Xylene	0.65	0.035		2.8	0.15	0.702	5/2/12 23:38	TPH

Surrogates	% Recovery	% REC Limits	
4-Bromofluorobenzene (1)	104	70-130	5/2/12 23:38

con-test® ANALYTICAL LABORATORY
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ANALYTICAL RESULTS

Project Location: 198 Douglas St., Brooklyn, NY
Date Received: 5/1/2012
Field Sample #: SVP-3
Sample ID: 12E0006-06
Sample Matrix: Soil Gas
Sampled: 4/30/2012 20:02

Sample Description/Location: Ambient
Sub Description/Location:
Canister ID: 1054
Canister Size: 6 liter
Flow Controller ID: 3089
Sample Type: 8 hr

Work Order: 12E0006
Initial Vacuum(in Hg): -29
Final Vacuum(in Hg):
Receipt Vacuum(in Hg): -9.3
Flow Controller Type: Fixed-Orifice
Flow Controller Calibration
RPD Pre and Post-Sampling: <20%

Sample Flags: DL-03

EPA TO-15

Analyte	ppbv Results	ppbv RL	Flag	ug/m3 Results	ug/m3 RL	Dilution	Date/Time Analyzed	Analyst
Benzene	3.6	0.50		12	1.6	10	5/3/12 13:12	TPH
Carbon Tetrachloride	ND	0.50		ND	3.1	10	5/3/12 13:12	TPH
Chlorobenzene	ND	0.50		ND	2.3	10	5/3/12 13:12	TPH
Chloroethane	ND	0.50		ND	1.3	10	5/3/12 13:12	TPH
Chloromethane	ND	0.50		ND	1.0	10	5/3/12 13:12	TPH
1,2-Dichlorobenzene	ND	0.50		ND	3.0	10	5/3/12 13:12	TPH
1,3-Dichlorobenzene	ND	0.50		ND	3.0	10	5/3/12 13:12	TPH
1,1-Dichloroethane	ND	0.50		ND	2.0	10	5/3/12 13:12	TPH
1,2-Dichloroethane	ND	0.50		ND	2.0	10	5/3/12 13:12	TPH
1,1-Dichloroethylene	ND	0.50		ND	2.0	10	5/3/12 13:12	TPH
cis-1,2-Dichloroethylene	ND	0.50		ND	2.0	10	5/3/12 13:12	TPH
trans-1,2-Dichloroethylene	ND	0.50		ND	2.0	10	5/3/12 13:12	TPH
1,2-Dichloropropane	ND	0.50		ND	2.3	10	5/3/12 13:12	TPH
Ethylbenzene	6.4	0.50		28	2.2	10	5/3/12 13:12	TPH
Methyl tert-Butyl Ether (MTBE)	ND	0.50		ND	1.8	10	5/3/12 13:12	TPH
Methylene Chloride	ND	5.0		ND	17	10	5/3/12 13:12	TPH
Naphthalene	ND	0.50		ND	2.6	10	5/3/12 13:12	TPH
Tetrachloroethylene	2.8	0.50		19	3.4	10	5/3/12 13:12	TPH
Toluene	10	0.50		38	1.9	10	5/3/12 13:12	TPH
1,1,1-Trichloroethane	ND	0.50		ND	2.7	10	5/3/12 13:12	TPH
Trichloroethylene	37	0.50		200	2.7	10	5/3/12 13:12	TPH
1,2,4-Trimethylbenzene	ND	0.50		ND	2.5	10	5/3/12 13:12	TPH
1,3,5-Trimethylbenzene	54	0.50		260	2.5	10	5/3/12 13:12	TPH
Vinyl Chloride	ND	0.50		ND	1.3	10	5/3/12 13:12	TPH
m&p-Xylene	28	1.0		120	4.3	10	5/3/12 13:12	TPH
o-Xylene	15	0.50		65	2.2	10	5/3/12 13:12	TPH

Surrogates	% Recovery	% REC Limits	
Bromofluorobenzene (1)	106	70-130	5/3/12 13:12

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ANALYTICAL RESULTS

Project Location: 198 Douglas St., Brooklyn, NY
Date Received: 5/1/2012
Field Sample #: Exterior
Sample ID: 12E0006-07
Sample Matrix: Ambient Air
Sampled: 4/30/2012 20:04

Sample Description/Location: Ambient
Sub Description/Location:
Canister ID: 1080
Canister Size: 6 liter
Flow Controller ID: 3209
Sample Type: 8 hr

Work Order: 12E0006
Initial Vacuum(in Hg): -29
Final Vacuum(in Hg):
Receipt Vacuum(in Hg): -8.4
Flow Controller Type: Fixed-Orifice
Flow Controller Calibration
RPD Pre and Post-Sampling: <20%

EPA TO-15

Analyte	ppbv Results	ppbv RL	Flag	ug/m3 Results	ug/m3 RL	Dilution	Date/Time Analyzed	Analyst
Benzene	0.11	0.035		0.36	0.11	0.702	5/2/12 22:54	TPH
Carbon Tetrachloride	0.067	0.035		0.42	0.22	0.702	5/2/12 22:54	TPH
Chlorobenzene	ND	0.035		ND	0.16	0.702	5/2/12 22:54	TPH
Chloroethane	ND	0.035		ND	0.093	0.702	5/2/12 22:54	TPH
Chloromethane	0.57	0.035		1.2	0.072	0.702	5/2/12 22:54	TPH
1,2-Dichlorobenzene	ND	0.035		ND	0.21	0.702	5/2/12 22:54	TPH
1,3-Dichlorobenzene	ND	0.035		ND	0.21	0.702	5/2/12 22:54	TPH
1,1-Dichloroethane	ND	0.035		ND	0.14	0.702	5/2/12 22:54	TPH
1,2-Dichloroethane	ND	0.035		ND	0.14	0.702	5/2/12 22:54	TPH
1,1-Dichloroethylene	ND	0.035		ND	0.14	0.702	5/2/12 22:54	TPH
cis-1,2-Dichloroethylene	ND	0.035		ND	0.14	0.702	5/2/12 22:54	TPH
trans-1,2-Dichloroethylene	ND	0.035		ND	0.14	0.702	5/2/12 22:54	TPH
1,2-Dichloropropane	ND	0.035		ND	0.16	0.702	5/2/12 22:54	TPH
Ethylbenzene	0.067	0.035		0.29	0.15	0.702	5/2/12 22:54	TPH
Methyl tert-Butyl Ether (MTBE)	ND	0.035		ND	0.13	0.702	5/2/12 22:54	TPH
Methylene Chloride	4.2	0.35		15	1.2	0.702	5/2/12 22:54	TPH
Naphthalene	0.083	0.035		0.43	0.18	0.702	5/2/12 22:54	TPH
Tetrachloroethylene	0.31	0.035		2.1	0.24	0.702	5/2/12 22:54	TPH
Toluene	0.45	0.035		1.7	0.13	0.702	5/2/12 22:54	TPH
1,1,1-Trichloroethane	ND	0.035		ND	0.19	0.702	5/2/12 22:54	TPH
Trichloroethylene	ND	0.035		ND	0.19	0.702	5/2/12 22:54	TPH
1,2,4-Trimethylbenzene	0.15	0.035		0.73	0.17	0.702	5/2/12 22:54	TPH
1,3,5-Trimethylbenzene	0.053	0.035		0.26	0.17	0.702	5/2/12 22:54	TPH
Vinyl Chloride	ND	0.035		ND	0.090	0.702	5/2/12 22:54	TPH
m&p-Xylene	0.19	0.070		0.82	0.30	0.702	5/2/12 22:54	TPH
o-Xylene	0.073	0.035		0.32	0.15	0.702	5/2/12 22:54	TPH

Surrogates	% Recovery	% REC Limits	
4-Bromofluorobenzene (1)	105	70-130	5/2/12 22:54

Accutest Laboratories

Report of Analysis

Client Sample ID:	198DS-SB-1		
Lab Sample ID:	JB5733-1	Date Sampled:	05/03/12
Matrix:	SO - Soil	Date Received:	05/04/12
Method:	SW846 8260B SW846 5035	Percent Solids:	85.8
Project:	198 Douglass Street, Brooklyn, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	Y122726.D	1	05/09/12	RS	05/05/12 07:00	n/a	VY5264
Run #2	E191377.D	1	05/16/12	OTR	05/05/12 07:00	n/a	VE8416

	Initial Weight	Final Volume	Methanol Aliquot
Run #1	6.4 g	5.0 ml	100 ul
Run #2	6.4 g	5.0 ml	20.0 ul

VOA TCL List (SOM0 1.1)

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	~~ND~~ R ✓	~~540~~	~~360~~	ug/kg	
71-43-2	Benzene	ND	54	7.2	ug/kg	
74-97-5	Bromochloromethane	ND	270	28	ug/kg	
75-27-4	Bromodichloromethane	ND	270	12	ug/kg	
75-25-2	Bromoform	ND	270	41	ug/kg	
74-83-9	Bromomethane	ND	270	21	ug/kg	
78-93-3	2-Butanone (MEK)	~~ND~~ R ✓	~~540~~	~~230~~	ug/kg	
75-15-0	Carbon disulfide	106	270	11	ug/kg	J
56-23-5	Carbon tetrachloride	ND	270	19	ug/kg	
108-90-7	Chlorobenzene	ND	270	17	ug/kg	
75-00-3	Chloroethane	ND	270	22	ug/kg	
67-66-3	Chloroform	ND	270	26	ug/kg	
74-87-3	Chloromethane	ND	270	34	ug/kg	
110-82-7	Cyclohexane	1050	270	20	ug/kg	
96-12-8	1,2-Dibromo-3-chloropropane	ND	540	81	ug/kg	
124-48-1	Dibromochloromethane	ND	270	9.0	ug/kg	
106-93-4	1,2-Dibromoethane	ND	54	13	ug/kg	
95-50-1	1,2-Dichlorobenzene	ND	270	15	ug/kg	
541-73-1	1,3-Dichlorobenzene	ND	270	10	ug/kg	
106-46-7	1,4-Dichlorobenzene	ND	270	9.1	ug/kg	
75-71-8	Dichlorodifluoromethane	~~ND~~ U5 ✓	270	17	ug/kg	
75-34-3	1,1-Dichloroethane	ND	270	12	ug/kg	
107-06-2	1,2-Dichloroethane	ND	54	9.8	ug/kg	
75-35-4	1,1-Dichloroethene	ND	270	33	ug/kg	
156-59-2	cis-1,2-Dichloroethene	ND	270	17	ug/kg	
156-60-5	trans-1,2-Dichloroethene	ND	270	23	ug/kg	
78-87-5	1,2-Dichloropropane	ND	270	14	ug/kg	
10061-01-5	cis-1,3-Dichloropropene	ND	270	8.2	ug/kg	
10061-02-6	trans-1,3-Dichloropropene	ND	270	18	ug/kg	
123-91-1	1,4-Dioxane	ND ~~ND~~ ✓	6700	3100	ug/kg	
100-41-4	Ethylbenzene	292	54	8.0	ug/kg	
76-13-1	Freon 113	ND	270	39	ug/kg	

ND = Not detected MDL - Method Detection Limit
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

Client Sample ID:	198DS-SB-1		
Lab Sample ID:	JB5733-1	Date Sampled:	05/03/12
Matrix:	SO - Soil	Date Received:	05/04/12
Method:	SW846 8260B SW846 5035	Percent Solids:	85.8
Project:	198 Douglass Street, Brooklyn, NY		

VOA TCL List (SOM0 1.1)

CAS No.	Compound	Result	RL	MDL	Units	Q
591-78-6	2-Hexanone	ND	270	130	ug/kg	
98-82-8	Isopropylbenzene	3910	270	7.4	ug/kg	
79-20-9	Methyl Acetate	ND	270	120	ug/kg	
108-87-2	Methylcyclohexane	11900 [a]	1300	66	ug/kg	
1634-04-4	Methyl Tert Butyl Ether	ND	54	9.6	ug/kg	
108-10-1	4-Methyl-2-pentanone(MIBK)	ND	270	140	ug/kg	
75-09-2	Methylene chloride	ND	270	12	ug/kg	
100-42-5	Styrene	ND	270	10	ug/kg	
79-34-5	1,1,2,2-Tetrachloroethane	ND	270	9.6	ug/kg	
127-18-4	Tetrachloroethene	ND	270	10	ug/kg	
108-88-3	Toluene	300	54	20	ug/kg	
87-61-6	1,2,3-Trichlorobenzene	ND	270	24	ug/kg	
120-82-1	1,2,4-Trichlorobenzene	ND	270	18	ug/kg	
71-55-6	1,1,1-Trichloroethane	ND	270	13	ug/kg	
79-00-5	1,1,2-Trichloroethane	ND	270	23	ug/kg	
79-01-6	Trichloroethene	ND	270	13	ug/kg	
75-69-4	Trichlorofluoromethane	ND	270	26	ug/kg	
75-01-4	Vinyl chloride	ND	270	25	ug/kg	
	m,p-Xylene	28.1	54	17	ug/kg	J
95-47-6	o-Xylene	13.0	54	9.9	ug/kg	J
1330-20-7	Xylene (total)	41.1	54	9.9	ug/kg	J

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	89%	96%	67-131%
17060-07-0	1,2-Dichloroethane-D4	94%	93%	66-130%
2037-26-5	Toluene-D8	95%	105%	76-125%
460-00-4	4-Bromofluorobenzene	120%	125%	53-142%

CAS No.	Tentatively Identified Compounds	R.T.	Est. Conc.	Units	Q
	cycloalkane/alkene	10.49	11000	ug/kg	J
	cycloalkane/alkene	11.20	13000	ug/kg	J
	cycloalkane/alkene	11.49	12000	ug/kg	J
	cycloalkane/alkene	11.64	15000	ug/kg	J
	alkane	11.78	11000	ug/kg	J
	alkane	11.83	9300	ug/kg	J
	alkane	11.94	14000	ug/kg	J
	cycloalkane/alkene	12.27	24000	ug/kg	J
	cycloalkane/alkene	12.76	9700	ug/kg	J

ND = Not detected MDL - Method Detection Limit
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

Client Sample ID:	198DS-SB-1		
Lab Sample ID:	JB5733-1	**Date Sampled:**	05/03/12
Matrix:	SO - Soil	**Date Received:**	05/04/12
Method:	SW846 8260B SW846 5035	**Percent Solids:**	85.8
Project:	198 Douglass Street, Brooklyn, NY		

VOA TCL List (SOM0 1.1)

CAS No.	Tentatively Identified Compounds	R.T.	Est. Conc.	Units	Q
	cycloalkane/alkene	13.23	15000	ug/kg	J
	cycloalkane/alkene	13.27	10000	ug/kg	J
	alkane/alkene	13.50	11000	ug/kg	J
	alkane	14.35	12000	ug/kg	J
	cycloalkane/alkene	14.60	12000	ug/kg	J
	alkane	14.70	9900	ug/kg	J
	Total TIC, Volatile		188900	ug/kg	J

(a) Result is from Run# 2

ND = Not detected MDL - Method Detection Limit
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

Client Sample ID:	198DS-SB-2		
Lab Sample ID:	JB5733-2	Date Sampled:	05/03/12
Matrix:	SO - Soil	Date Received:	05/04/12
Method:	SW846 8260B SW846 5035	Percent Solids:	85.0
Project:	198 Douglass Street, Brooklyn, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	Y122694.D	1	05/08/12	RS	05/05/12 07:00	n/a	VY5263
Run #2							

	Initial Weight
Run #1	6.6 g
Run #2	

VOA TCL List (SOM0 1.1)

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	10.8 J ✓	8.9	5.9	ug/kg	
71-43-2	Benzene	ND	0.89	0.12	ug/kg	
74-97-5	Bromochloromethane	ND	4.5	0.46	ug/kg	
75-27-4	Bromodichloromethane	ND	4.5	0.20	ug/kg	
75-25-2	Bromoform	ND	4.5	0.67	ug/kg	
74-83-9	Bromomethane	ND	4.5	0.35	ug/kg	
78-93-3	2-Butanone (MEK)	~~ND~~ R ✓	~~8.9~~	~~3.9~~	ug/kg	
75-15-0	Carbon disulfide	ND	4.5	0.17	ug/kg	
56-23-5	Carbon tetrachloride	ND	4.5	0.31	ug/kg	
108-90-7	Chlorobenzene	ND	4.5	0.29	ug/kg	
75-00-3	Chloroethane	ND	4.5	0.36	ug/kg	
67-66-3	Chloroform	ND	4.5	0.43	ug/kg	
74-87-3	Chloromethane	ND	4.5	0.56	ug/kg	
110-82-7	Cyclohexane	ND	4.5	0.34	ug/kg	
96-12-8	1,2-Dibromo-3-chloropropane	ND	8.9	1.3	ug/kg	
124-48-1	Dibromochloromethane	ND	4.5	0.15	ug/kg	
106-93-4	1,2-Dibromoethane	ND	0.89	0.21	ug/kg	
95-50-1	1,2-Dichlorobenzene	ND	4.5	0.25	ug/kg	
541-73-1	1,3-Dichlorobenzene	ND	4.5	0.17	ug/kg	
106-46-7	1,4-Dichlorobenzene	ND	4.5	0.15	ug/kg	
75-71-8	Dichlorodifluoromethane	~~ND~~ UJ ✓	4.5	0.29	ug/kg	
75-34-3	1,1-Dichloroethane	ND	4.5	0.19	ug/kg	
107-06-2	1,2-Dichloroethane	ND	0.89	0.16	ug/kg	
75-35-4	1,1-Dichloroethene	ND	4.5	0.55	ug/kg	
156-59-2	cis-1,2-Dichloroethene	ND	4.5	0.29	ug/kg	
156-60-5	trans-1,2-Dichloroethene	ND	4.5	0.38	ug/kg	
78-87-5	1,2-Dichloropropane	ND	4.5	0.24	ug/kg	
10061-01-5	cis-1,3-Dichloropropene	ND	4.5	0.14	ug/kg	
10061-02-6	trans-1,3-Dichloropropene	ND	4.5	0.30	ug/kg	
123-91-1	1,4-Dioxane	ND	110	52	ug/kg	
100-41-4	Ethylbenzene	ND	0.89	0.13	ug/kg	
76-13-1	Freon 113	ND	4.5	0.64	ug/kg	

ND = Not detected MDL - Method Detection Limit
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

Client Sample ID:	198DS-SB-2		
Lab Sample ID:	JB5733-2	Date Sampled:	05/03/12
Matrix:	SO - Soil	Date Received:	05/04/12
Method:	SW846 8260B SW846 5035	Percent Solids:	85.0
Project:	198 Douglass Street, Brooklyn, NY		

VOA TCL List (SOM0 1.1)

CAS No.	Compound	Result	RL	MDL	Units	Q
591-78-6	2-Hexanone	ND	4.5	2.2	ug/kg	
98-82-8	Isopropylbenzene	ND	4.5	0.12	ug/kg	
79-20-9	Methyl Acetate	ND	4.5	2.0	ug/kg	
108-87-2	Methylcyclohexane	ND	4.5	0.22	ug/kg	
1634-04-4	Methyl Tert Butyl Ether	ND	0.89	0.16	ug/kg	
108-10-1	4-Methyl-2-pentanone(MIBK)	~~ND~~ US ✓	4.5	2.3	ug/kg	
75-09-2	Methylene chloride	ND	4.5	0.20	ug/kg	
100-42-5	Styrene	ND	4.5	0.16	ug/kg	
79-34-5	1,1,2,2-Tetrachloroethane	ND	4.5	0.16	ug/kg	
127-18-4	Tetrachloroethene	ND	4.5	0.17	ug/kg	
108-88-3	Toluene	ND	0.89	0.34	ug/kg	
87-61-6	1,2,3-Trichlorobenzene	ND	4.5	0.39	ug/kg	
120-82-1	1,2,4-Trichlorobenzene	ND	4.5	0.30	ug/kg	
71-55-6	1,1,1-Trichloroethane	ND	4.5	0.21	ug/kg	
79-00-5	1,1,2-Trichloroethane	ND	4.5	0.39	ug/kg	
79-01-6	Trichloroethene	ND	4.5	0.22	ug/kg	
75-69-4	Trichlorofluoromethane	ND	4.5	0.43	ug/kg	
75-01-4	Vinyl chloride	ND	4.5	0.41	ug/kg	
	m,p-Xylene	ND	0.89	0.28	ug/kg	
95-47-6	o-Xylene	ND	0.89	0.16	ug/kg	
1330-20-7	Xylene (total)	ND	0.89	0.16	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	98%		67-131%
17060-07-0	1,2-Dichloroethane-D4	91%		66-130%
2037-26-5	Toluene-D8	107%		76-125%
460-00-4	4-Bromofluorobenzene	98%		53-142%

CAS No.	Tentatively Identified Compounds	R.T.	Est. Conc.	Units	Q
	Total TIC, Volatile		0	ug/kg	

ND = Not detected MDL - Method Detection Limit
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

Client Sample ID:	198DS-SB-7		
Lab Sample ID:	JB5733-4	Date Sampled:	05/03/12
Matrix:	SO - Soil	Date Received:	05/04/12
Method:	SW846 8260B SW846 5035	Percent Solids:	84.9
Project:	198 Douglass Street, Brooklyn, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	Y122727.D	1	05/09/12	RS	05/05/12 07:00	n/a	VY5264
Run #2							

	Initial Weight	Final Volume	Methanol Aliquot
Run #1	6.6 g	5.0 ml	100 ul
Run #2			

VOA TCL List (SOM0 1.1)

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	ND	540	360	ug/kg	
71-43-2	Benzene	ND	54	7.1	ug/kg	
74-97-5	Bromochloromethane	ND	270	28	ug/kg	
75-27-4	Bromodichloromethane	ND	270	12	ug/kg	
75-25-2	Bromoform	ND	270	40	ug/kg	
74-83-9	Bromomethane	ND	270	21	ug/kg	
78-93-3	2-Butanone (MEK)	ND	340	230	ug/kg	
75-15-0	Carbon disulfide	41.3	270	10	ug/kg	J
56-23-5	Carbon tetrachloride	ND	270	19	ug/kg	
108-90-7	Chlorobenzene	ND	270	17	ug/kg	
75-00-3	Chloroethane	ND	270	22	ug/kg	
67-66-3	Chloroform	ND	270	26	ug/kg	
74-87-3	Chloromethane	ND	270	33	ug/kg	
110-82-7	Cyclohexane	ND	270	20	ug/kg	
96-12-8	1,2-Dibromo-3-chloropropane	ND	540	81	ug/kg	
124-48-1	Dibromochloromethane	ND	270	9.0	ug/kg	
106-93-4	1,2-Dibromoethane	ND	54	13	ug/kg	
95-50-1	1,2-Dichlorobenzene	ND	270	15	ug/kg	
541-73-1	1,3-Dichlorobenzene	ND	270	10	ug/kg	
106-46-7	1,4-Dichlorobenzene	ND	270	9.1	ug/kg	
75-71-8	Dichlorodifluoromethane	ND	270	17	ug/kg	
75-34-3	1,1-Dichloroethane	ND	270	12	ug/kg	
107-06-2	1,2-Dichloroethane	ND	54	9.7	ug/kg	
75-35-4	1,1-Dichloroethene	ND	270	33	ug/kg	
156-59-2	cis-1,2-Dichloroethene	ND	270	17	ug/kg	
156-60-5	trans-1,2-Dichloroethene	ND	270	23	ug/kg	
78-87-5	1,2-Dichloropropane	ND	270	14	ug/kg	
10061-01-5	cis-1,3-Dichloropropene	ND	270	8.1	ug/kg	
10061-02-6	trans-1,3-Dichloropropene	ND	270	18	ug/kg	
123-91-1	1,4-Dioxane	ND	6700	3100	ug/kg	
100-41-4	Ethylbenzene	221	54	7.9	ug/kg	
76-13-1	Freon 113	ND	270	38	ug/kg	

ND = Not detected MDL - Method Detection Limit
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

Client Sample ID:	198DS-SB-7		
Lab Sample ID:	JB5733-4	**Date Sampled:**	05/03/12
Matrix:	SO - Soil	**Date Received:**	05/04/12
Method:	SW846 8260B SW846 5035	**Percent Solids:**	84.9
Project:	198 Douglass Street, Brooklyn, NY		

VOA TCL List (SOM0 1.1)

CAS No.	Compound	Result	RL	MDL	Units	Q
591-78-6	2-Hexanone	ND	270	130	ug/kg	
98-82-8	Isopropylbenzene	2930	270	7.3	ug/kg	
79-20-9	Methyl Acetate	ND	270	120	ug/kg	
108-87-2	Methylcyclohexane	9130	270	13	ug/kg	
1634-04-4	Methyl Tert Butyl Ether	ND	54	9.6	ug/kg	
108-10-1	4-Methyl-2-pentanone(MIBK)	~~ND~~	270	140	ug/kg	
75-09-2	Methylene chloride	ND	270	12	ug/kg	
100-42-5	Styrene	ND	270	9.9	ug/kg	
79-34-5	1,1,2,2-Tetrachloroethane	ND	270	9.6	ug/kg	
127-18-4	Tetrachloroethene	ND	270	10	ug/kg	
108-88-3	Toluene	216	54	20	ug/kg	
87-61-6	1,2,3-Trichlorobenzene	ND	270	23	ug/kg	
120-82-1	1,2,4-Trichlorobenzene	ND	270	18	ug/kg	
71-55-6	1,1,1-Trichloroethane	ND	270	13	ug/kg	
79-00-5	1,1,2-Trichloroethane	ND	270	23	ug/kg	
79-01-6	Trichloroethene	ND	270	13	ug/kg	
75-69-4	Trichlorofluoromethane	ND	270	26	ug/kg	
75-01-4	Vinyl chloride	ND	270	25	ug/kg	
	m,p-Xylene	27.6	54	17	ug/kg	J
95-47-6	o-Xylene	ND	54	9.8	ug/kg	
1330-20-7	Xylene (total)	27.6	54	9.8	ug/kg	J

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	88%		67-131%
17060-07-0	1,2-Dichloroethane-D4	90%		66-130%
2037-26-5	Toluene-D8	95%		76-125%
460-00-4	4-Bromofluorobenzene	113%		53-142%

CAS No.	Tentatively Identified Compounds	R.T.	Est. Conc.	Units	Q
	cycloalkane/alkene	10.49	9300	ug/kg	J
	cycloalkane/alkene	11.20	12000	ug/kg	J
	cycloalkane/alkene	11.49	11000	ug/kg	J
	cycloalkane/alkene	11.64	14000	ug/kg	J
	alkane	11.77	11000	ug/kg	J
	alkane	11.82	9400	ug/kg	J
	alkane	11.94	15000	ug/kg	J
	cycloalkane/alkene	12.27	23000	ug/kg	J
	cycloalkane/alkene	15.09	5500	ug/kg	J

ND = Not detected MDL - Method Detection Limit
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

Client Sample ID:	198DS-SB-7		
Lab Sample ID:	JB5733-4	Date Sampled:	05/03/12
Matrix:	SO - Soil	Date Received:	05/04/12
Method:	SW846 8260B SW846 5035	Percent Solids:	84.9
Project:	198 Douglass Street, Brooklyn, NY		

VOA TCL List (SOM0 1.1)

CAS No.	Tentatively Identified Compounds	R.T.	Est. Conc.	Units	Q
	cycloalkane/alkene	15.24	7600	ug/kg	J
	cycloalkane/alkene	15.30	5200	ug/kg	J
	alkane	15.44	8400	ug/kg	J
	1H-indene, octahydro-	15.63	7800	ug/kg	J
	cycloalkane/alkene	15.87	9900	ug/kg	J
	1H-indene-dihydro-methyl	16.92	5700	ug/kg	J
	Total TIC, Volatile		154800	ug/kg	J

ND = Not detected MDL - Method Detection Limit
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

Client Sample ID:	198DS-SB-3		
Lab Sample ID:	JB5733-5	Date Sampled:	05/03/12
Matrix:	SO - Soil	Date Received:	05/04/12
Method:	SW846 8260B SW846 5035	Percent Solids:	86.1
Project:	198 Douglass Street, Brooklyn, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	Y122695.D	1	05/08/12	RS	05/05/12 07:00	n/a	VY5263
Run #2							

	Initial Weight
Run #1	6.5 g
Run #2	

VOA TCL List (SOM0 1.1)

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	~~ND~~ R ✓	~~3.9~~	~~5.9~~	ug/kg	
71-43-2	Benzene	ND	0.89	0.12	ug/kg	
74-97-5	Bromochloromethane	ND	4.5	0.46	ug/kg	
75-27-4	Bromodichloromethane	ND	4.5	0.20	ug/kg	
75-25-2	Bromoform	ND	4.5	0.67	ug/kg	
74-83-9	Bromomethane	ND	4.5	0.35	ug/kg	
78-93-3	2-Butanone (MEK)	~~ND~~ R ✓	~~3.9~~	~~3.9~~	ug/kg	
75-15-0	Carbon disulfide	ND	4.5	0.18	ug/kg	
56-23-5	Carbon tetrachloride	ND	4.5	0.31	ug/kg	
108-90-7	Chlorobenzene	ND	4.5	0.29	ug/kg	
75-00-3	Chloroethane	ND	4.5	0.36	ug/kg	
67-66-3	Chloroform	ND	4.5	0.43	ug/kg	
74-87-3	Chloromethane	ND	4.5	0.56	ug/kg	
110-82-7	Cyclohexane	ND	4.5	0.34	ug/kg	
96-12-8	1,2-Dibromo-3-chloropropane	ND	8.9	1.3	ug/kg	
124-48-1	Dibromochloromethane	ND	4.5	0.15	ug/kg	
106-93-4	1,2-Dibromoethane	ND	0.89	0.21	ug/kg	
95-50-1	1,2-Dichlorobenzene	ND	4.5	0.25	ug/kg	
541-73-1	1,3-Dichlorobenzene	ND	4.5	0.17	ug/kg	
106-46-7	1,4-Dichlorobenzene	ND	4.5	0.15	ug/kg	
75-71-8	Dichlorodifluoromethane	~~ND~~ us ✓	4.5	0.29	ug/kg	
75-34-3	1,1-Dichloroethane	ND	4.5	0.19	ug/kg	
107-06-2	1,2-Dichloroethane	ND	0.89	0.16	ug/kg	
75-35-4	1,1-Dichloroethene	ND	4.5	0.55	ug/kg	
156-59-2	cis-1,2-Dichloroethene	ND	4.5	0.29	ug/kg	
156-60-5	trans-1,2-Dichloroethene	ND	4.5	0.38	ug/kg	
78-87-5	1,2-Dichloropropane	ND	4.5	0.24	ug/kg	
10061-01-5	cis-1,3-Dichloropropene	ND	4.5	0.14	ug/kg	
10061-02-6	trans-1,3-Dichloropropene	ND	4.5	0.30	ug/kg	
123-91-1	1,4-Dioxane	ND	110	52	ug/kg	
100-41-4	Ethylbenzene	ND	0.89	0.13	ug/kg	
76-13-1	Freon 113	ND	4.5	0.64	ug/kg	

ND = Not detected MDL - Method Detection Limit
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

Client Sample ID:	198DS-SB-3		
Lab Sample ID:	JB5733-5	**Date Sampled:**	05/03/12
Matrix:	SO - Soil	**Date Received:**	05/04/12
Method:	SW846 8260B SW846 5035	**Percent Solids:**	86.1
Project:	198 Douglass Street, Brooklyn, NY		

VOA TCL List (SOM0 1.1)

CAS No.	Compound	Result	RL	MDL	Units	Q
591-78-6	2-Hexanone	ND	4.5	2.2	ug/kg	
98-82-8	Isopropylbenzene	ND	4.5	0.12	ug/kg	
79-20-9	Methyl Acetate	ND	4.5	2.0	ug/kg	
108-87-2	Methylcyclohexane	ND	4.5	0.22	ug/kg	
1634-04-4	Methyl Tert Butyl Ether	ND	0.89	0.16	ug/kg	
108-10-1	4-Methyl-2-pentanone(MIBK)	~~ND~~ ✓	4.5	2.3	ug/kg	
75-09-2	Methylene chloride	ND	4.5	0.21	ug/kg	
100-42-5	Styrene	ND	4.5	0.17	ug/kg	
79-34-5	1,1,2,2-Tetrachloroethane	ND	4.5	0.16	ug/kg	
127-18-4	Tetrachloroethene	ND	4.5	0.17	ug/kg	
108-88-3	Toluene	ND	0.89	0.34	ug/kg	
87-61-6	1,2,3-Trichlorobenzene	ND	4.5	0.39	ug/kg	
120-82-1	1,2,4-Trichlorobenzene	ND	4.5	0.30	ug/kg	
71-55-6	1,1,1-Trichloroethane	ND	4.5	0.22	ug/kg	
79-00-5	1,1,2-Trichloroethane	ND	4.5	0.39	ug/kg	
79-01-6	Trichloroethene	ND	4.5	0.22	ug/kg	
75-69-4	Trichlorofluoromethane	ND	4.5	0.43	ug/kg	
75-01-4	Vinyl chloride	ND	4.5	0.41	ug/kg	
	m,p-Xylene	ND	0.89	0.28	ug/kg	
95-47-6	o-Xylene	ND	0.89	0.16	ug/kg	
1330-20-7	Xylene (total)	ND	0.89	0.16	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	96%		67-131%
17060-07-0	1,2-Dichloroethane-D4	89%		66-130%
2037-26-5	Toluene-D8	106%		76-125%
460-00-4	4-Bromofluorobenzene	97%		53-142%

CAS No.	Tentatively Identified Compounds	R.T.	Est. Conc.	Units	Q
	Total TIC, Volatile		0	ug/kg	

ND = Not detected MDL - Method Detection Limit
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

Client Sample ID:	198DS-SB-4		
Lab Sample ID:	JB5733-7	Date Sampled:	05/04/12
Matrix:	SO - Soil	Date Received:	05/04/12
Method:	SW846 8260B SW846 5035	Percent Solids:	84.2
Project:	198 Douglass Street, Brooklyn, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	Y122696.D	1	05/08/12	RS	05/05/12 08:00	n/a	VY5263
Run #2							

	Initial Weight
Run #1	6.3 g
Run #2	

VOA TCL List (SOM0 1.1)

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	~~ND~~	~~9.4~~	~~6.2~~	ug/kg	
71-43-2	Benzene	ND	0.94	0.13	ug/kg	
74-97-5	Bromochloromethane	ND	4.7	0.49	ug/kg	
75-27-4	Bromodichloromethane	ND	4.7	0.21	ug/kg	
75-25-2	Bromoform	ND	4.7	0.71	ug/kg	
74-83-9	Bromomethane	ND	4.7	0.37	ug/kg	
78-93-3	2-Butanone (MEK)	~~ND~~	~~9.4~~	~~4.1~~	ug/kg	
75-15-0	Carbon disulfide	0.55	4.7	0.18	ug/kg	J
56-23-5	Carbon tetrachloride	ND	4.7	0.33	ug/kg	
108-90-7	Chlorobenzene	ND	4.7	0.30	ug/kg	
75-00-3	Chloroethane	ND	4.7	0.38	ug/kg	
67-66-3	Chloroform	ND	4.7	0.46	ug/kg	
74-87-3	Chloromethane	ND	4.7	0.59	ug/kg	
110-82-7	Cyclohexane	ND	4.7	0.36	ug/kg	
96-12-8	1,2-Dibromo-3-chloropropane	ND	9.4	1.4	ug/kg	
124-48-1	Dibromochloromethane	ND	4.7	0.16	ug/kg	
106-93-4	1,2-Dibromoethane	ND	0.94	0.22	ug/kg	
95-50-1	1,2-Dichlorobenzene	ND	4.7	0.26	ug/kg	
541-73-1	1,3-Dichlorobenzene	ND	4.7	0.18	ug/kg	
106-46-7	1,4-Dichlorobenzene	ND	4.7	0.16	ug/kg	
75-71-8	Dichlorodifluoromethane	~~ND~~	4.7	0.30	ug/kg	
75-34-3	1,1-Dichloroethane	ND	4.7	0.21	ug/kg	
107-06-2	1,2-Dichloroethane	ND	0.94	0.17	ug/kg	
75-35-4	1,1-Dichloroethene	ND	4.7	0.58	ug/kg	
156-59-2	cis-1,2-Dichloroethene	ND	4.7	0.30	ug/kg	
156-60-5	trans-1,2-Dichloroethene	ND	4.7	0.40	ug/kg	
78-87-5	1,2-Dichloropropane	ND	4.7	0.25	ug/kg	
10061-01-5	cis-1,3-Dichloropropene	ND	4.7	0.14	ug/kg	
10061-02-6	trans-1,3-Dichloropropene	ND	4.7	0.32	ug/kg	
123-91-1	1,4-Dioxane	ND	120	55	ug/kg	
100-41-4	Ethylbenzene	ND	0.94	0.14	ug/kg	
76-13-1	Freon 113	ND	4.7	0.68	ug/kg	

ND = Not detected MDL - Method Detection Limit
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

Client Sample ID:	198DS-SB-4		
Lab Sample ID:	JB5733-7	Date Sampled:	05/04/12
Matrix:	SO - Soil	Date Received:	05/04/12
Method:	SW846 8260B SW846 5035	Percent Solids:	84.2
Project:	198 Douglass Street, Brooklyn, NY		

VOA TCL List (SOM0 1.1)

CAS No.	Compound	Result	RL	MDL	Units	Q
591-78-6	2-Hexanone	ND	4.7	2.3	ug/kg	
98-82-8	Isopropylbenzene	0.49	4.7	0.13	ug/kg	J
79-20-9	Methyl Acetate	ND	4.7	2.1	ug/kg	
108-87-2	Methylcyclohexane	ND	4.7	0.23	ug/kg	
1634-04-4	Methyl Tert Butyl Ether	ND	0.94	0.17	ug/kg	
108-10-1	4-Methyl-2-pentanone(MIBK)	~~ND~~ 4.5 ✓	4.7	2.5	ug/kg	
75-09-2	Methylene chloride	ND	4.7	0.22	ug/kg	
100-42-5	Styrene	ND	4.7	0.17	ug/kg	
79-34-5	1,1,2,2-Tetrachloroethane	ND	4.7	0.17	ug/kg	
127-18-4	Tetrachloroethene	ND	4.7	0.18	ug/kg	
108-88-3	Toluene	ND	0.94	0.36	ug/kg	
87-61-6	1,2,3-Trichlorobenzene	ND	4.7	0.41	ug/kg	
120-82-1	1,2,4-Trichlorobenzene	ND	4.7	0.32	ug/kg	
71-55-6	1,1,1-Trichloroethane	ND	4.7	0.23	ug/kg	
79-00-5	1,1,2-Trichloroethane	ND	4.7	0.41	ug/kg	
79-01-6	Trichloroethene	1.2	4.7	0.23	ug/kg	J
75-69-4	Trichlorofluoromethane	ND	4.7	0.45	ug/kg	
75-01-4	Vinyl chloride	ND	4.7	0.43	ug/kg	
	m,p-Xylene	ND	0.94	0.30	ug/kg	
95-47-6	o-Xylene	ND	0.94	0.17	ug/kg	
1330-20-7	Xylene (total)	ND	0.94	0.17	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	87%		67-131%
17060-07-0	1,2-Dichloroethane-D4	91%		66-130%
2037-26-5	Toluene-D8	107%		76-125%
460-00-4	4-Bromofluorobenzene	106%		53-142%

CAS No.	Tentatively Identified Compounds	R.T.	Est. Conc.	Units	Q
	alkane	14.35	10	ug/kg	J
	unknown	14.60	9.6	ug/kg	J
	alkane	15.44	18	ug/kg	J
	unknown	15.87	11	ug/kg	J
	unknown	16.40	9.7	ug/kg	J
	unknown	16.49	12	ug/kg	J
	cycloalkane/alkene	16.63	13	ug/kg	J
	1H-indene-dihydro-methyl	16.92	10	ug/kg	J
	1H-Indene-dihydro-dimethyl	17.07	14	ug/kg	J

ND = Not detected MDL - Method Detection Limit
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

Client Sample ID:	198DS-SB-4		
Lab Sample ID:	JB5733-7	Date Sampled:	05/04/12
Matrix:	SO - Soil	Date Received:	05/04/12
Method:	SW846 8260B SW846 5035	Percent Solids:	84.2
Project:	198 Douglass Street, Brooklyn, NY		

VOA TCL List (SOM0 1.1)

CAS No.	Tentatively Identified Compounds	R.T.	Est. Conc.	Units	Q
	C4 alkyl benzene	17.14	12	ug/kg	J
	dihydro-dimethylindene + C5 alkylbenzene	17.31	14	ug/kg	J
	alkane	17.52	16	ug/kg	J
	1H-Indene-dihydro-methyl	17.69	11	ug/kg	J
	C5 alkyl benzene	17.95	9	ug/kg	J
	alkane + C5 alkyl benzene	18.10	29	ug/kg	J
	Total TIC, Volatile		198.3	ug/kg	J

ND = Not detected MDL - Method Detection Limit
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

Raw Data: Y122693.D

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Report of Analysis

3.8

3

Client Sample ID:	198DS-SB-5		
Lab Sample ID:	JB5733-8	Date Sampled:	05/04/12
Matrix:	SO - Soil	Date Received:	05/04/12
Method:	SW846 8260B SW846 5035	Percent Solids:	84.3
Project:	198 Douglass Street, Brooklyn, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	Y122693.D	1	05/08/12	RS	05/05/12 08:00	n/a	VY5263
Run #2							

	Initial Weight
Run #1	5.5 g
Run #2	

VOA TCL List (SOM0 1.1)

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	ND R ✓	11	7.1	ug/kg	
71-43-2	Benzene	ND	1.1	0.14	ug/kg	
74-97-5	Bromochloromethane	ND	5.4	0.56	ug/kg	
75-27-4	Bromodichloromethane	ND	5.4	0.24	ug/kg	
75-25-2	Bromoform	ND	5.4	0.81	ug/kg	
74-83-9	Bromomethane	ND	5.4	0.42	ug/kg	
78-93-3	2-Butanone (MEK)	ND R ✓	11	4.7	ug/kg	
75-15-0	Carbon disulfide	ND	5.4	0.21	ug/kg	
56-23-5	Carbon tetrachloride	ND	5.4	0.37	ug/kg	
108-90-7	Chlorobenzene	ND	5.4	0.35	ug/kg	
75-00-3	Chloroethane	ND	5.4	0.44	ug/kg	
67-66-3	Chloroform	ND	5.4	0.52	ug/kg	
74-87-3	Chloromethane	ND	5.4	0.67	ug/kg	
110-82-7	Cyclohexane	ND	5.4	0.41	ug/kg	
96-12-8	1,2-Dibromo-3-chloropropane	ND	11	1.6	ug/kg	
124-48-1	Dibromochloromethane	ND	5.4	0.18	ug/kg	
106-93-4	1,2-Dibromoethane	ND	1.1	0.26	ug/kg	
95-50-1	1,2-Dichlorobenzene	ND	5.4	0.30	ug/kg	
541-73-1	1,3-Dichlorobenzene	ND	5.4	0.21	ug/kg	
106-46-7	1,4-Dichlorobenzene	ND	5.4	0.18	ug/kg	
75-71-8	Dichlorodifluoromethane	ND US ✓	5.4	0.35	ug/kg	
75-34-3	1,1-Dichloroethane	ND	5.4	0.24	ug/kg	
107-06-2	1,2-Dichloroethane	ND	1.1	0.20	ug/kg	
75-35-4	1,1-Dichloroethene	ND	5.4	0.66	ug/kg	
156-59-2	cis-1,2-Dichloroethene	ND	5.4	0.35	ug/kg	
156-60-5	trans-1,2-Dichloroethene	ND	5.4	0.46	ug/kg	
78-87-5	1,2-Dichloropropane	ND	5.4	0.29	ug/kg	
10061-01-5	cis-1,3-Dichloropropene	ND	5.4	0.16	ug/kg	
10061-02-6	trans-1,3-Dichloropropene	ND	5.4	0.36	ug/kg	
123-91-1	1,4-Dioxane	ND	130	63	ug/kg	
100-41-4	Ethylbenzene	ND	1.1	0.16	ug/kg	
76-13-1	Freon 113	ND	5.4	0.77	ug/kg	

ND = Not detected MDL - Method Detection Limit
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

Client Sample ID:	198DS-SB-5		
Lab Sample ID:	JB5733-8	Date Sampled:	05/04/12
Matrix:	SO - Soil	Date Received:	05/04/12
Method:	SW846 8260B SW846 5035	Percent Solids:	84.3
Project:	198 Douglass Street, Brooklyn, NY		

VOA TCL List (SOM0 1.1)

CAS No.	Compound	Result	RL	MDL	Units	Q
591-78-6	2-Hexanone	ND	5.4	2.7	ug/kg	
98-82-8	Isopropylbenzene	ND	5.4	0.15	ug/kg	
79-20-9	Methyl Acetate	ND	5.4	2.4	ug/kg	
108-87-2	Methylcyclohexane	ND	5.4	0.26	ug/kg	
1634-04-4	Methyl Tert Butyl Ether	ND	1.1	0.19	ug/kg	
108-10-1	4-Methyl-2-pentanone(MIBK)	ND ✓	5.4	2.8	ug/kg	
75-09-2	Methylene chloride	ND	5.4	0.25	ug/kg	
100-42-5	Styrene	ND	5.4	0.20	ug/kg	
79-34-5	1,1,2,2-Tetrachloroethane	ND	5.4	0.19	ug/kg	
127-18-4	Tetrachloroethene	ND	5.4	0.21	ug/kg	
108-88-3	Toluene	ND	1.1	0.41	ug/kg	
87-61-6	1,2,3-Trichlorobenzene	ND	5.4	0.47	ug/kg	
120-82-1	1,2,4-Trichlorobenzene	ND	5.4	0.37	ug/kg	
71-55-6	1,1,1-Trichloroethane	ND	5.4	0.26	ug/kg	
79-00-5	1,1,2-Trichloroethane	ND	5.4	0.47	ug/kg	
79-01-6	Trichloroethene	0.81	5.4	0.27	ug/kg	J
75-69-4	Trichlorofluoromethane	ND	5.4	0.52	ug/kg	
75-01-4	Vinyl chloride	ND	5.4	0.50	ug/kg	
	m,p-Xylene	ND	1.1	0.34	ug/kg	
95-47-6	o-Xylene	ND	1.1	0.20	ug/kg	
1330-20-7	Xylene (total)	ND	1.1	0.20	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	103%		67-131%
17060-07-0	1,2-Dichloroethane-D4	96%		66-130%
2037-26-5	Toluene-D8	107%		76-125%
460-00-4	4-Bromofluorobenzene	98%		53-142%

CAS No.	Tentatively Identified Compounds	R.T.	Est. Conc.	Units	Q
	Total TIC, Volatile		0	ug/kg	

ND = Not detected MDL - Method Detection Limit
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

Client Sample ID:	198DS-SB-6		
Lab Sample ID:	JB5733-9	Date Sampled:	05/04/12
Matrix:	SO - Soil	Date Received:	05/04/12
Method:	SW846 8260B SW846 5035	Percent Solids:	86.3
Project:	198 Douglass Street, Brooklyn, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	Y122697.D	1	05/08/12	RS	05/05/12 08:00	n/a	VY5263
Run #2							

	Initial Weight
Run #1	5.4 g
Run #2	

VOA TCL List (SOM0 1.1)

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	~~ND~~ R ✓	~~11~~	~~7.1~~	ug/kg	
71-43-2	Benzene	ND	1.1	0.14	ug/kg	
74-97-5	Bromochloromethane	ND	5.4	0.56	ug/kg	
75-27-4	Bromodichloromethane	ND	5.4	0.24	ug/kg	
75-25-2	Bromoform	ND	5.4	0.81	ug/kg	
74-83-9	Bromomethane	ND	5.4	0.42	ug/kg	
78-93-3	2-Butanone (MEK)	~~ND~~ R ✓	~~11~~	~~4.6~~	ug/kg	
75-15-0	Carbon disulfide	ND	5.4	0.21	ug/kg	
56-23-5	Carbon tetrachloride	ND	5.4	0.37	ug/kg	
108-90-7	Chlorobenzene	ND	5.4	0.35	ug/kg	
75-00-3	Chloroethane	ND	5.4	0.44	ug/kg	
67-66-3	Chloroform	ND	5.4	0.52	ug/kg	
74-87-3	Chloromethane	ND	5.4	0.67	ug/kg	
110-82-7	Cyclohexane	ND	5.4	0.41	ug/kg	
96-12-8	1,2-Dibromo-3-chloropropane	ND	11	1.6	ug/kg	
124-48-1	Dibromochloromethane	ND	5.4	0.18	ug/kg	
106-93-4	1,2-Dibromoethane	ND	1.1	0.26	ug/kg	
95-50-1	1,2-Dichlorobenzene	ND	5.4	0.30	ug/kg	
541-73-1	1,3-Dichlorobenzene	ND	5.4	0.21	ug/kg	
106-46-7	1,4-Dichlorobenzene	ND	5.4	0.18	ug/kg	
75-71-8	Dichlorodifluoromethane	~~ND~~ UJ ✓	5.4	0.34	ug/kg	
75-34-3	1,1-Dichloroethane	ND	5.4	0.23	ug/kg	
107-06-2	1,2-Dichloroethane	ND	1.1	0.20	ug/kg	
75-35-4	1,1-Dichloroethene	ND	5.4	0.66	ug/kg	
156-59-2	cis-1,2-Dichloroethene	ND	5.4	0.35	ug/kg	
156-60-5	trans-1,2-Dichloroethene	ND	5.4	0.45	ug/kg	
78-87-5	1,2-Dichloropropane	ND	5.4	0.29	ug/kg	
10061-01-5	cis-1,3-Dichloropropene	ND	5.4	0.16	ug/kg	
10061-02-6	trans-1,3-Dichloropropene	ND	5.4	0.36	ug/kg	
123-91-1	1,4-Dioxane	ND	130	62	ug/kg	
100-41-4	Ethylbenzene	ND	1.1	0.16	ug/kg	
76-13-1	Freon 113	ND	5.4	0.77	ug/kg	

ND = Not detected MDL - Method Detection Limit
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

Client Sample ID:	198DS-SB-6		
Lab Sample ID:	JB5733-9	Date Sampled:	05/04/12
Matrix:	SO - Soil	Date Received:	05/04/12
Method:	SW846 8260B SW846 5035	Percent Solids:	86.3
Project:	198 Douglass Street, Brooklyn, NY		

VOA TCL List (SOM0 1.1)

CAS No.	Compound	Result	RL	MDL	Units	Q
591-78-6	2-Hexanone	ND	5.4	2.7	ug/kg	
98-82-8	Isopropylbenzene	ND	5.4	0.15	ug/kg	
79-20-9	Methyl Acetate	ND	5.4	2.4	ug/kg	
108-87-2	Methylcyclohexane	ND	5.4	0.26	ug/kg	
1634-04-4	Methyl Tert Butyl Ether	ND	1.1	0.19	ug/kg	
108-10-1	4-Methyl-2-pentanone(MIBK)	ND	5.4	2.8	ug/kg	
75-09-2	Methylene chloride	ND	5.4	0.25	ug/kg	
100-42-5	Styrene	ND	5.4	0.20	ug/kg	
79-34-5	1,1,2,2-Tetrachloroethane	ND	5.4	0.19	ug/kg	
127-18-4	Tetrachloroethene	ND	5.4	0.20	ug/kg	
108-88-3	Toluene	0.47	1.1	0.41	ug/kg	J
87-61-6	1,2,3-Trichlorobenzene	ND	5.4	0.47	ug/kg	
120-82-1	1,2,4-Trichlorobenzene	ND	5.4	0.37	ug/kg	
71-55-6	1,1,1-Trichloroethane	ND	5.4	0.26	ug/kg	
79-00-5	1,1,2-Trichloroethane	ND	5.4	0.46	ug/kg	
79-01-6	Trichloroethene	ND	5.4	0.27	ug/kg	
75-69-4	Trichlorofluoromethane	ND	5.4	0.52	ug/kg	
75-01-4	Vinyl chloride	ND	5.4	0.49	ug/kg	
	m,p-Xylene	ND	1.1	0.34	ug/kg	
95-47-6	o-Xylene	ND	1.1	0.20	ug/kg	
1330-20-7	Xylene (total)	ND	1.1	0.20	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	97%		67-131%
17060-07-0	1,2-Dichloroethane-D4	93%		66-130%
2037-26-5	Toluene-D8	106%		76-125%
460-00-4	4-Bromofluorobenzene	97%		53-142%

CAS No.	Tentatively Identified Compounds	R.T.	Est. Conc.	Units	Q
	Total TIC, Volatile		0	ug/kg	

ND = Not detected MDL - Method Detection Limit
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

Client Sample ID:	FB050312		
Lab Sample ID:	JB5733-3	Date Sampled:	05/03/12
Matrix:	AQ - Field Blank Soil	Date Received:	05/04/12
Method:	SW846 8260B	Percent Solids:	n/a
Project:	198 Douglass Street, Brooklyn, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	4B18028.D	1	05/11/12	TYG	n/a	n/a	V4B791
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

VOA TCL List (SOM0 1.1)

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	~~ND~~ R ✓	~~10~~	~~5.0~~	ug/l	
71-43-2	Benzene	ND	1.0	0.22	ug/l	
74-97-5	Bromochloromethane	ND	5.0	0.40	ug/l	
75-27-4	Bromodichloromethane	ND	1.0	0.23	ug/l	
75-25-2	Bromoform	ND	4.0	0.24	ug/l	
74-83-9	Bromomethane	~~ND~~ U5 ✓	2.0	0.31	ug/l	
78-93-3	2-Butanone (MEK)	ND	10	2.9	ug/l	
75-15-0	Carbon disulfide	ND	2.0	0.18	ug/l	
56-23-5	Carbon tetrachloride	ND	1.0	0.19	ug/l	
108-90-7	Chlorobenzene	ND	1.0	0.22	ug/l	
75-00-3	Chloroethane	ND	1.0	0.37	ug/l	
67-66-3	Chloroform	ND	1.0	0.21	ug/l	
74-87-3	Chloromethane	ND	1.0	0.22	ug/l	
110-82-7	Cyclohexane	ND	5.0	0.29	ug/l	
96-12-8	1,2-Dibromo-3-chloropropane	ND	10	1.3	ug/l	
124-48-1	Dibromochloromethane	ND	1.0	0.20	ug/l	
106-93-4	1,2-Dibromoethane	ND	2.0	0.21	ug/l	
95-50-1	1,2-Dichlorobenzene	ND	1.0	0.18	ug/l	
541-73-1	1,3-Dichlorobenzene	ND	1.0	0.29	ug/l	
106-46-7	1,4-Dichlorobenzene	ND	1.0	0.26	ug/l	
75-71-8	Dichlorodifluoromethane	ND	5.0	0.31	ug/l	
75-34-3	1,1-Dichloroethane	ND	1.0	0.19	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.18	ug/l	
75-35-4	1,1-Dichloroethene	ND	1.0	0.28	ug/l	
156-59-2	cis-1,2-Dichloroethene	ND	1.0	0.22	ug/l	
156-60-5	trans-1,2-Dichloroethene	ND	1.0	0.31	ug/l	
78-87-5	1,2-Dichloropropane	ND	1.0	0.22	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND	1.0	0.22	ug/l	
10061-02-6	trans-1,3-Dichloropropene	ND	1.0	0.19	ug/l	
123-91-1	1,4-Dioxane	ND	130	72	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.21	ug/l	
76-13-1	Freon 113	ND	5.0	0.49	ug/l	

ND = Not detected MDL - Method Detection Limit
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

Client Sample ID:	FB050312		
Lab Sample ID:	JB5733-3	Date Sampled:	05/03/12
Matrix:	AQ - Field Blank Soil	Date Received:	05/04/12
Method:	SW846 8260B	Percent Solids:	n/a
Project:	198 Douglass Street, Brooklyn, NY		

VOA TCL List (SOM0 1.1)

CAS No.	Compound	Result	RL	MDL	Units	Q
591-78-6	2-Hexanone	ND	5.0	3.0	ug/l	
98-82-8	Isopropylbenzene	ND	2.0	0.19	ug/l	
79-20-9	Methyl Acetate	ND	5.0	2.9	ug/l	
108-87-2	Methylcyclohexane	ND	5.0	0.18	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	0.18	ug/l	
108-10-1	4-Methyl-2-pentanone(MIBK)	ND	5.0	1.2	ug/l	
75-09-2	Methylene chloride	ND	2.0	0.20	ug/l	
100-42-5	Styrene	ND	5.0	0.23	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0	0.20	ug/l	
127-18-4	Tetrachloroethene	ND	1.0	0.32	ug/l	
108-88-3	Toluene	ND	1.0	0.15	ug/l	
87-61-6	1,2,3-Trichlorobenzene	ND	5.0	0.69	ug/l	
120-82-1	1,2,4-Trichlorobenzene	ND	5.0	0.15	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	1.0	0.24	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	1.0	0.23	ug/l	
79-01-6	Trichloroethene	ND	1.0	0.21	ug/l	
75-69-4	Trichlorofluoromethane	ND	5.0	0.35	ug/l	
75-01-4	Vinyl chloride	ND	1.0	0.27	ug/l	
	m,p-Xylene	ND	1.0	0.32	ug/l	
95-47-6	o-Xylene	ND	1.0	0.17	ug/l	
1330-20-7	Xylene (total)	ND	1.0	0.17	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	106%		77-120%
17060-07-0	1,2-Dichloroethane-D4	104%		70-127%
2037-26-5	Toluene-D8	107%		79-120%
460-00-4	4-Bromofluorobenzene	101%		76-118%

CAS No.	Tentatively Identified Compounds	R.T.	Est. Conc.	Units	Q
	alcohols	6.29	49	ug/l	J
18173-64-3	tert-Butyldimethylsilanol	7.94	60	ug/l	JN
	unknown	10.25	15	ug/l	J
	unknown	10.77	110	ug/l	J
	alcohols	10.92	9.1	ug/l	J
	unknown	12.81	12	ug/l	J
	Total TIC, Volatile		255.1	ug/l	J

ND = Not detected MDL - Method Detection Limit
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

Client Sample ID:	FB050412		
Lab Sample ID:	JB5733-6	Date Sampled:	05/04/12
Matrix:	AQ - Field Blank Soil	Date Received:	05/04/12
Method:	SW846 8260B	Percent Solids:	n/a
Project:	198 Douglass Street, Brooklyn, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	4B18029.D	1	05/11/12	TYG	n/a	n/a	V4B791
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

VOA TCL List (SOM0 1.1)

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	~~ND~~	~~10~~	~~5.0~~	ug/l	
71-43-2	Benzene	ND	1.0	0.22	ug/l	
74-97-5	Bromochloromethane	ND	5.0	0.40	ug/l	
75-27-4	Bromodichloromethane	ND	1.0	0.23	ug/l	
75-25-2	Bromoform	ND	4.0	0.24	ug/l	
74-83-9	Bromomethane	~~ND~~ UJ	2.0	0.31	ug/l	
78-93-3	2-Butanone (MEK)	ND	10	2.9	ug/l	
75-15-0	Carbon disulfide	ND	2.0	0.18	ug/l	
56-23-5	Carbon tetrachloride	ND	1.0	0.19	ug/l	
108-90-7	Chlorobenzene	ND	1.0	0.22	ug/l	
75-00-3	Chloroethane	ND	1.0	0.37	ug/l	
67-66-3	Chloroform	0.44	1.0	0.21	ug/l	J
74-87-3	Chloromethane	ND	1.0	0.22	ug/l	
110-82-7	Cyclohexane	ND	5.0	0.29	ug/l	
96-12-8	1,2-Dibromo-3-chloropropane	ND	10	1.3	ug/l	
124-48-1	Dibromochloromethane	ND	1.0	0.20	ug/l	
106-93-4	1,2-Dibromoethane	ND	2.0	0.21	ug/l	
95-50-1	1,2-Dichlorobenzene	ND	1.0	0.18	ug/l	
541-73-1	1,3-Dichlorobenzene	ND	1.0	0.29	ug/l	
106-46-7	1,4-Dichlorobenzene	ND	1.0	0.26	ug/l	
75-71-8	Dichlorodifluoromethane	ND	5.0	0.31	ug/l	
75-34-3	1,1-Dichloroethane	ND	1.0	0.19	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.18	ug/l	
75-35-4	1,1-Dichloroethene	ND	1.0	0.28	ug/l	
156-59-2	cis-1,2-Dichloroethene	ND	1.0	0.22	ug/l	
156-60-5	trans-1,2-Dichloroethene	ND	1.0	0.31	ug/l	
78-87-5	1,2-Dichloropropane	ND	1.0	0.22	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND	1.0	0.22	ug/l	
10061-02-6	trans-1,3-Dichloropropene	ND	1.0	0.19	ug/l	
123-91-1	1,4-Dioxane	ND	130	72	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.21	ug/l	
76-13-1	Freon 113	ND	5.0	0.49	ug/l	

ND = Not detected MDL - Method Detection Limit
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

Client Sample ID:	FB050412		
Lab Sample ID:	JB5733-6	Date Sampled:	05/04/12
Matrix:	AQ - Field Blank Soil	Date Received:	05/04/12
Method:	SW846 8260B	Percent Solids:	n/a
Project:	198 Douglass Street, Brooklyn, NY		

VOA TCL List (SOM0 1.1)

CAS No.	Compound	Result	RL	MDL	Units	Q
591-78-6	2-Hexanone	ND	5.0	3.0	ug/l	
98-82-8	Isopropylbenzene	ND	2.0	0.19	ug/l	
79-20-9	Methyl Acetate	ND	5.0	2.9	ug/l	
108-87-2	Methylcyclohexane	ND	5.0	0.18	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	0.18	ug/l	
108-10-1	4-Methyl-2-pentanone(MIBK)	ND	5.0	1.2	ug/l	
75-09-2	Methylene chloride	ND	2.0	0.20	ug/l	
100-42-5	Styrene	ND	5.0	0.23	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0	0.20	ug/l	
127-18-4	Tetrachloroethene	ND	1.0	0.32	ug/l	
108-88-3	Toluene	ND	1.0	0.15	ug/l	
87-61-6	1,2,3-Trichlorobenzene	ND	5.0	0.69	ug/l	
120-82-1	1,2,4-Trichlorobenzene	ND	5.0	0.15	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	1.0	0.24	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	1.0	0.23	ug/l	
79-01-6	Trichloroethene	ND	1.0	0.21	ug/l	
75-69-4	Trichlorofluoromethane	ND	5.0	0.35	ug/l	
75-01-4	Vinyl chloride	ND	1.0	0.27	ug/l	
	m,p-Xylene	ND	1.0	0.32	ug/l	
95-47-6	o-Xylene	ND	1.0	0.17	ug/l	
1330-20-7	Xylene (total)	ND	1.0	0.17	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	106%		77-120%
17060-07-0	1,2-Dichloroethane-D4	104%		70-127%
2037-26-5	Toluene-D8	107%		79-120%
460-00-4	4-Bromofluorobenzene	100%		76-118%

CAS No.	Tentatively Identified Compounds	R.T.	Est. Conc.	Units	Q
	Total TIC, Volatile		0	ug/l	

ND = Not detected MDL - Method Detection Limit
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

Client Sample ID:	TB051112		
Lab Sample ID:	JB6369-1	Date Sampled:	05/11/12
Matrix:	AQ - Trip Blank Water	Date Received:	05/11/12
Method:	SW846 8260B	Percent Solids:	n/a
Project:	198 Douglass Street, Brooklyn, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	3D73364.D	1	05/16/12	NT	n/a	n/a	V3D3171
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

VOA TCL List (SOM0 1.1)

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	~~ND~~ R ✓	~~10~~	~~5.0~~	ug/l	
71-43-2	Benzene	ND	1.0	0.22	ug/l	
74-97-5	Bromochloromethane	ND	5.0	0.40	ug/l	
75-27-4	Bromodichloromethane	ND	1.0	0.23	ug/l	
75-25-2	Bromoform	ND	4.0	0.24	ug/l	
74-83-9	Bromomethane	ND	2.0	0.31	ug/l	
78-93-3	2-Butanone (MEK)	ND	10	2.9	ug/l	
75-15-0	Carbon disulfide	~~ND~~ UJ ✓	2.0	0.18	ug/l	
56-23-5	Carbon tetrachloride	ND	1.0	0.19	ug/l	
108-90-7	Chlorobenzene	ND	1.0	0.22	ug/l	
75-00-3	Chloroethane	ND	1.0	0.37	ug/l	
67-66-3	Chloroform	ND	1.0	0.21	ug/l	
74-87-3	Chloromethane	ND	1.0	0.22	ug/l	
110-82-7	Cyclohexane	ND	5.0	0.29	ug/l	
96-12-8	1,2-Dibromo-3-chloropropane	ND	10	1.3	ug/l	
124-48-1	Dibromochloromethane	ND	1.0	0.20	ug/l	
106-93-4	1,2-Dibromoethane	ND	2.0	0.21	ug/l	
95-50-1	1,2-Dichlorobenzene	ND	1.0	0.18	ug/l	
541-73-1	1,3-Dichlorobenzene	ND	1.0	0.29	ug/l	
106-46-7	1,4-Dichlorobenzene	ND	1.0	0.26	ug/l	
75-71-8	Dichlorodifluoromethane	ND	5.0	0.31	ug/l	
75-34-3	1,1-Dichloroethane	~~ND~~ UJ ✓	1.0	0.19	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.18	ug/l	
75-35-4	1,1-Dichloroethene	ND	1.0	0.28	ug/l	
156-59-2	cis-1,2-Dichloroethene	ND	1.0	0.22	ug/l	
156-60-5	trans-1,2-Dichloroethene	ND	1.0	0.31	ug/l	
78-87-5	1,2-Dichloropropane	ND	1.0	0.22	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND	1.0	0.22	ug/l	
10061-02-6	trans-1,3-Dichloropropene	ND	1.0	0.19	ug/l	
123-91-1	1,4-Dioxane	ND	130	72	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.21	ug/l	
76-13-1	Freon 113	ND	5.0	0.49	ug/l	

ND = Not detected MDL - Method Detection Limit
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

Client Sample ID:	TB051112		
Lab Sample ID:	JB6369-1	Date Sampled:	05/11/12
Matrix:	AQ - Trip Blank Water	Date Received:	05/11/12
Method:	SW846 8260B	Percent Solids:	n/a
Project:	198 Douglass Street, Brooklyn, NY		

VOA TCL List (SOM0 1.1)

CAS No.	Compound	Result	RL	MDL	Units	Q
591-78-6	2-Hexanone	ND	5.0	3.0	ug/l	
98-82-8	Isopropylbenzene	ND	2.0	0.19	ug/l	
79-20-9	Methyl Acetate	ND	5.0	2.9	ug/l	
108-87-2	Methylcyclohexane	ND	5.0	0.18	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	0.18	ug/l	
108-10-1	4-Methyl-2-pentanone(MIBK)	ND	5.0	1.2	ug/l	
75-09-2	Methylene chloride	ND	2.0	0.20	ug/l	
100-42-5	Styrene	ND	5.0	0.23	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0	0.20	ug/l	
127-18-4	Tetrachloroethene	ND	1.0	0.32	ug/l	
108-88-3	Toluene	ND	1.0	0.15	ug/l	
87-61-6	1,2,3-Trichlorobenzene	ND	5.0	0.69	ug/l	
120-82-1	1,2,4-Trichlorobenzene	ND	5.0	0.15	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	1.0	0.24	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	1.0	0.23	ug/l	
79-01-6	Trichloroethene	ND	1.0	0.21	ug/l	
75-69-4	Trichlorofluoromethane	ND	5.0	0.35	ug/l	
75-01-4	Vinyl chloride	ND	1.0	0.27	ug/l	
	m,p-Xylene	ND	1.0	0.32	ug/l	
95-47-6	o-Xylene	ND	1.0	0.17	ug/l	
1330-20-7	Xylene (total)	ND	1.0	0.17	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	94%		77-120%
17060-07-0	1,2-Dichloroethane-D4	91%		70-127%
2037-26-5	Toluene-D8	96%		79-120%
460-00-4	4-Bromofluorobenzene	89%		76-118%

CAS No.	Tentatively Identified Compounds	R.T.	Est. Conc.	Units	Q
	Total TIC, Volatile		0	ug/l	

ND = Not detected MDL - Method Detection Limit
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

Client Sample ID:	FB051112		
Lab Sample ID:	JB6369-3	Date Sampled:	05/11/12
Matrix:	AQ - Field Blank Water	Date Received:	05/11/12
Method:	SW846 8260B	Percent Solids:	n/a
Project:	198 Douglass Street, Brooklyn, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	3D73365.D	1	05/16/12	NT	n/a	n/a	V3D3171
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

VOA TCL List (SOM0 1.1)

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	~~ND~~ R ✓	~~10~~	~~5.0~~	ug/l	
71-43-2	Benzene	ND	1.0	0.22	ug/l	
74-97-5	Bromochloromethane	ND	5.0	0.40	ug/l	
75-27-4	Bromodichloromethane	ND	1.0	0.23	ug/l	
75-25-2	Bromoform	ND	4.0	0.24	ug/l	
74-83-9	Bromomethane	ND	2.0	0.31	ug/l	
78-93-3	2-Butanone (MEK)	ND	10	2.9	ug/l	
75-15-0	Carbon disulfide	~~ND~~ U ✓	2.0	0.18	ug/l	
56-23-5	Carbon tetrachloride	ND	1.0	0.19	ug/l	
108-90-7	Chlorobenzene	ND	1.0	0.22	ug/l	
75-00-3	Chloroethane	ND	1.0	0.37	ug/l	
67-66-3	Chloroform	ND	1.0	0.21	ug/l	
74-87-3	Chloromethane	ND	1.0	0.22	ug/l	
110-82-7	Cyclohexane	ND	5.0	0.29	ug/l	
96-12-8	1,2-Dibromo-3-chloropropane	ND	10	1.3	ug/l	
124-48-1	Dibromochloromethane	ND	1.0	0.20	ug/l	
106-93-4	1,2-Dibromoethane	ND	2.0	0.21	ug/l	
95-50-1	1,2-Dichlorobenzene	ND	1.0	0.18	ug/l	
541-73-1	1,3-Dichlorobenzene	ND	1.0	0.29	ug/l	
106-46-7	1,4-Dichlorobenzene	ND	1.0	0.26	ug/l	
75-71-8	Dichlorodifluoromethane	ND	5.0	0.31	ug/l	
75-34-3	1,1-Dichloroethane	~~ND~~ U ✓	1.0	0.19	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.18	ug/l	
75-35-4	1,1-Dichloroethene	ND	1.0	0.28	ug/l	
156-59-2	cis-1,2-Dichloroethene	ND	1.0	0.22	ug/l	
156-60-5	trans-1,2-Dichloroethene	ND	1.0	0.31	ug/l	
78-87-5	1,2-Dichloropropane	ND	1.0	0.22	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND	1.0	0.22	ug/l	
10061-02-6	trans-1,3-Dichloropropene	ND	1.0	0.19	ug/l	
123-91-1	1,4-Dioxane	ND	130	72	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.21	ug/l	
76-13-1	Freon 113	ND	5.0	0.49	ug/l	

ND = Not detected MDL - Method Detection Limit
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

Client Sample ID:	FB051112		
Lab Sample ID:	JB6369-3	Date Sampled:	05/11/12
Matrix:	AQ - Field Blank Water	Date Received:	05/11/12
Method:	SW846 8260B	Percent Solids:	n/a
Project:	198 Douglass Street, Brooklyn, NY		

VOA TCL List (SOM0 1.1)

CAS No.	Compound	Result	RL	MDL	Units	Q
591-78-6	2-Hexanone	ND	5.0	3.0	ug/l	
98-82-8	Isopropylbenzene	ND	2.0	0.19	ug/l	
79-20-9	Methyl Acetate	ND	5.0	2.9	ug/l	
108-87-2	Methylcyclohexane	ND	5.0	0.18	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	0.18	ug/l	
108-10-1	4-Methyl-2-pentanone(MIBK)	ND	5.0	1.2	ug/l	
75-09-2	Methylene chloride	ND	2.0	0.20	ug/l	
100-42-5	Styrene	ND	5.0	0.23	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0	0.20	ug/l	
127-18-4	Tetrachloroethene	ND	1.0	0.32	ug/l	
108-88-3	Toluene	ND	1.0	0.15	ug/l	
87-61-6	1,2,3-Trichlorobenzene	ND	5.0	0.69	ug/l	
120-82-1	1,2,4-Trichlorobenzene	ND	5.0	0.15	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	1.0	0.24	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	1.0	0.23	ug/l	
79-01-6	Trichloroethene	ND	1.0	0.21	ug/l	
75-69-4	Trichlorofluoromethane	ND	5.0	0.35	ug/l	
75-01-4	Vinyl chloride	ND	1.0	0.27	ug/l	
	m,p-Xylene	ND	1.0	0.32	ug/l	
95-47-6	o-Xylene	ND	1.0	0.17	ug/l	
1330-20-7	Xylene (total)	ND	1.0	0.17	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	93%		77-120%
17060-07-0	1,2-Dichloroethane-D4	92%		70-127%
2037-26-5	Toluene-D8	99%		79-120%
460-00-4	4-Bromofluorobenzene	98%		76-118%

CAS No.	Tentatively Identified Compounds	R.T.	Est. Conc.	Units	Q
67-63-0	Isopropyl Alcohol	6.90	10	ug/l	JN
	Total TIC, Volatile		10	ug/l	J

ND = Not detected MDL - Method Detection Limit
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

Client Sample ID:	198 DS-MW-1		
Lab Sample ID:	JB6369-2	Date Sampled:	05/11/12
Matrix:	AQ - Ground Water	Date Received:	05/11/12
Method:	SW846 8260B	Percent Solids:	n/a
Project:	198 Douglass Street, Brooklyn, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	3D73360.D	1	05/16/12	NT	n/a	n/a	V3D3171
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

VOA TCL List (SOM0 1.1)

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	ND R ✓	~~10~~	~~5.0~~	ug/l	
71-43-2	Benzene	ND	1.0	0.22	ug/l	
74-97-5	Bromochloromethane	ND	5.0	0.40	ug/l	
75-27-4	Bromodichloromethane	ND	1.0	0.23	ug/l	
75-25-2	Bromoform	ND	4.0	0.24	ug/l	
74-83-9	Bromomethane	ND	2.0	0.31	ug/l	
78-93-3	2-Butanone (MEK)	ND	10	2.9	ug/l	
75-15-0	Carbon disulfide	~~ND~~ U ✓	2.0	0.18	ug/l	
56-23-5	Carbon tetrachloride	ND	1.0	0.19	ug/l	
108-90-7	Chlorobenzene	ND	1.0	0.22	ug/l	
75-00-3	Chloroethane	ND	1.0	0.37	ug/l	
67-66-3	Chloroform	ND	1.0	0.21	ug/l	
74-87-3	Chloromethane	ND	1.0	0.22	ug/l	
110-82-7	Cyclohexane	1.6	5.0	0.29	ug/l	J
96-12-8	1,2-Dibromo-3-chloropropane	ND	10	1.3	ug/l	
124-48-1	Dibromochloromethane	ND	1.0	0.20	ug/l	
106-93-4	1,2-Dibromoethane	ND	2.0	0.21	ug/l	
95-50-1	1,2-Dichlorobenzene	ND	1.0	0.18	ug/l	
541-73-1	1,3-Dichlorobenzene	ND	1.0	0.29	ug/l	
106-46-7	1,4-Dichlorobenzene	ND	1.0	0.26	ug/l	
75-71-8	Dichlorodifluoromethane	ND	5.0	0.31	ug/l	
75-34-3	1,1-Dichloroethane	~~ND~~ U ✓	1.0	0.19	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.18	ug/l	
75-35-4	1,1-Dichloroethene	ND	1.0	0.28	ug/l	
156-59-2	cis-1,2-Dichloroethene	ND	1.0	0.22	ug/l	
156-60-5	trans-1,2-Dichloroethene	ND	1.0	0.31	ug/l	
78-87-5	1,2-Dichloropropane	ND	1.0	0.22	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND	1.0	0.22	ug/l	
10061-02-6	trans-1,3-Dichloropropene	ND	1.0	0.19	ug/l	
123-91-1	1,4-Dioxane	ND	130	72	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.21	ug/l	
76-13-1	Freon 113	ND	5.0	0.49	ug/l	

ND = Not detected MDL - Method Detection Limit
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

Client Sample ID:	198 DS-MW-1		
Lab Sample ID:	JB6369-2	Date Sampled:	05/11/12
Matrix:	AQ - Ground Water	Date Received:	05/11/12
Method:	SW846 8260B	Percent Solids:	n/a
Project:	198 Douglass Street, Brooklyn, NY		

VOA TCL List (SOM0 1.1)

CAS No.	Compound	Result	RL	MDL	Units	Q
591-78-6	2-Hexanone	ND	5.0	3.0	ug/l	
98-82-8	Isopropylbenzene	5.1	2.0	0.19	ug/l	
79-20-9	Methyl Acetate	ND	5.0	2.9	ug/l	
108-87-2	Methylcyclohexane	12.2	5.0	0.18	ug/l	
1634-04-4	Methyl Tert Butyl Ether	1.5	1.0	0.18	ug/l	
108-10-1	4-Methyl-2-pentanone(MIBK)	ND	5.0	1.2	ug/l	
75-09-2	Methylene chloride	ND	2.0	0.20	ug/l	
100-42-5	Styrene	ND	5.0	0.23	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0	0.20	ug/l	
127-18-4	Tetrachloroethene	ND	1.0	0.32	ug/l	
108-88-3	Toluene	ND	1.0	0.15	ug/l	
87-61-6	1,2,3-Trichlorobenzene	ND	5.0	0.69	ug/l	
120-82-1	1,2,4-Trichlorobenzene	ND	5.0	0.15	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	1.0	0.24	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	1.0	0.23	ug/l	
79-01-6	Trichloroethene	0.43	1.0	0.21	ug/l	J
75-69-4	Trichlorofluoromethane	ND	5.0	0.35	ug/l	
75-01-4	Vinyl chloride	ND	1.0	0.27	ug/l	
	m,p-Xylene	ND	1.0	0.32	ug/l	
95-47-6	o-Xylene	ND	1.0	0.17	ug/l	
1330-20-7	Xylene (total)	0.27	1.0	0.17	ug/l	J

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	93%		77-120%
17060-07-0	1,2-Dichloroethane-D4	92%		70-127%
2037-26-5	Toluene-D8	98%		79-120%
460-00-4	4-Bromofluorobenzene	88%		76-118%

CAS No.	Tentatively Identified Compounds	R.T.	Est. Conc.	Units	Q
	cycloalkane/alkene	9.94	11	ug/l	J
	cycloalkane/alkene	10.26	16	ug/l	J
	cycloalkane/alkene	12.06	20	ug/l	J
	cycloalkane/alkene	12.27	15	ug/l	J
	cycloalkane/alkene	12.46	15	ug/l	J
	cycloalkane/alkene	12.56	13	ug/l	J
	cycloalkane/alkene	13.04	20	ug/l	J
	cycloalkane/alkene	14.43	13	ug/l	J
	C4 alkyl benzene	16.55	15	ug/l	J

ND = Not detected MDL - Method Detection Limit
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

Client Sample ID:	198 DS-MW-1		
Lab Sample ID:	JB6369-2	Date Sampled:	05/11/12
Matrix:	AQ - Ground Water	Date Received:	05/11/12
Method:	SW846 8260B	Percent Solids:	n/a
Project:	198 Douglass Street, Brooklyn, NY		

VOA TCL List (SOM0 1.1)

CAS No.	Tentatively Identified Compounds	R.T.	Est. Conc.	Units	Q
	1H-indene-dihydro-methyl	16.73	13	ug/l	J
	C4 alkyl benzene	16.94	14	ug/l	J
	C4 alkyl benzene	17.39	24	ug/l	J
	1H-indene-dihydro-methyl + C5 alkyl benz	17.43	10	ug/l	J
	1H-Indene-dihydro-dimethyl	17.69	9.2	ug/l	J
	1H-Indene-dihydro-dimethyl	17.85	13	ug/l	J
	Total TIC, Volatile		221.2	ug/l	J

ND = Not detected MDL - Method Detection Limit
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

Client Sample ID:	198 DS-MW-2		
Lab Sample ID:	JB6369-4	Date Sampled:	05/11/12
Matrix:	AQ - Ground Water	Date Received:	05/11/12
Method:	SW846 8260B	Percent Solids:	n/a
Project:	198 Douglass Street, Brooklyn, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	3D73361.D	1	05/16/12	NT	n/a	n/a	V3D3171
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

VOA TCL List (SOM0 1.1)

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	~~ND~~ R ✓	~~10~~	~~5.0~~	ug/l	
71-43-2	Benzene	ND	1.0	0.22	ug/l	
74-97-5	Bromochloromethane	ND	5.0	0.40	ug/l	
75-27-4	Bromodichloromethane	ND	1.0	0.23	ug/l	
75-25-2	Bromoform	ND	4.0	0.24	ug/l	
74-83-9	Bromomethane	ND	2.0	0.31	ug/l	
78-93-3	2-Butanone (MEK)	ND	10	2.9	ug/l	
75-15-0	Carbon disulfide	~~ND~~ UJ ✓	2.0	0.18	ug/l	
56-23-5	Carbon tetrachloride	ND	1.0	0.19	ug/l	
108-90-7	Chlorobenzene	ND	1.0	0.22	ug/l	
75-00-3	Chloroethane	ND	1.0	0.37	ug/l	
67-66-3	Chloroform	ND	1.0	0.21	ug/l	
74-87-3	Chloromethane	ND	1.0	0.22	ug/l	
110-82-7	Cyclohexane	ND	5.0	0.29	ug/l	
96-12-8	1,2-Dibromo-3-chloropropane	ND	10	1.3	ug/l	
124-48-1	Dibromochloromethane	ND	1.0	0.20	ug/l	
106-93-4	1,2-Dibromoethane	ND	2.0	0.21	ug/l	
95-50-1	1,2-Dichlorobenzene	ND	1.0	0.18	ug/l	
541-73-1	1,3-Dichlorobenzene	ND	1.0	0.29	ug/l	
106-46-7	1,4-Dichlorobenzene	ND	1.0	0.26	ug/l	
75-71-8	Dichlorodifluoromethane	ND	5.0	0.31	ug/l	
75-34-3	1,1-Dichloroethane	~~ND~~ UJ ✓	1.0	0.19	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.18	ug/l	
75-35-4	1,1-Dichloroethene	ND	1.0	0.28	ug/l	
156-59-2	cis-1,2-Dichloroethene	ND	1.0	0.22	ug/l	
156-60-5	trans-1,2-Dichloroethene	ND	1.0	0.31	ug/l	
78-87-5	1,2-Dichloropropane	ND	1.0	0.22	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND	1.0	0.22	ug/l	
10061-02-6	trans-1,3-Dichloropropene	ND	1.0	0.19	ug/l	
123-91-1	1,4-Dioxane	ND	130	72	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.21	ug/l	
76-13-1	Freon 113	ND	5.0	0.49	ug/l	

ND = Not detected MDL - Method Detection Limit
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

Client Sample ID:	198 DS-MW-2		
Lab Sample ID:	JB6369-4	Date Sampled:	05/11/12
Matrix:	AQ - Ground Water	Date Received:	05/11/12
Method:	SW846 8260B	Percent Solids:	n/a
Project:	198 Douglass Street, Brooklyn, NY		

VOA TCL List (SOM0 1.1)

CAS No.	Compound	Result	RL	MDL	Units	Q
591-78-6	2-Hexanone	ND	5.0	3.0	ug/l	
98-82-8	Isopropylbenzene	ND	2.0	0.19	ug/l	
79-20-9	Methyl Acetate	ND	5.0	2.9	ug/l	
108-87-2	Methylcyclohexane	ND	5.0	0.18	ug/l	
1634-04-4	Methyl Tert Butyl Ether	1.2	1.0	0.18	ug/l	
108-10-1	4-Methyl-2-pentanone(MIBK)	ND	5.0	1.2	ug/l	
75-09-2	Methylene chloride	ND	2.0	0.20	ug/l	
100-42-5	Styrene	ND	5.0	0.23	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0	0.20	ug/l	
127-18-4	Tetrachloroethene	ND	1.0	0.32	ug/l	
108-88-3	Toluene	ND	1.0	0.15	ug/l	
87-61-6	1,2,3-Trichlorobenzene	ND	5.0	0.69	ug/l	
120-82-1	1,2,4-Trichlorobenzene	ND	5.0	0.15	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	1.0	0.24	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	1.0	0.23	ug/l	
79-01-6	Trichloroethene	ND	1.0	0.21	ug/l	
75-69-4	Trichlorofluoromethane	ND	5.0	0.35	ug/l	
75-01-4	Vinyl chloride	ND	1.0	0.27	ug/l	
	m,p-Xylene	ND	1.0	0.32	ug/l	
95-47-6	o-Xylene	ND	1.0	0.17	ug/l	
1330-20-7	Xylene (total)	ND	1.0	0.17	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	93%		77-120%
17060-07-0	1,2-Dichloroethane-D4	92%		70-127%
2037-26-5	Toluene-D8	96%		79-120%
460-00-4	4-Bromofluorobenzene	96%		76-118%

CAS No.	Tentatively Identified Compounds	R.T.	Est. Conc.	Units	Q
	Total TIC, Volatile		0	ug/l	

ND = Not detected MDL - Method Detection Limit
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

Client Sample ID:	198 DS-MW-3		
Lab Sample ID:	JB6369-5	Date Sampled:	05/11/12
Matrix:	AQ - Ground Water	Date Received:	05/11/12
Method:	SW846 8260B	Percent Solids:	n/a
Project:	198 Douglass Street, Brooklyn, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	3D73381.D	1	05/16/12	NT	n/a	n/a	V3D3172
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

VOA TCL List (SOM0 1.1)

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	~~ND~~ R ✓	~~10~~	~~5.0~~	ug/l	
71-43-2	Benzene	ND	1.0	0.22	ug/l	
74-97-5	Bromochloromethane	ND	5.0	0.40	ug/l	
75-27-4	Bromodichloromethane	ND	1.0	0.23	ug/l	
75-25-2	Bromoform	ND	4.0	0.24	ug/l	
74-83-9	Bromomethane	ND	2.0	0.31	ug/l	
78-93-3	2-Butanone (MEK)	ND	10	2.9	ug/l	
75-15-0	Carbon disulfide	ND	2.0	0.18	ug/l	
56-23-5	Carbon tetrachloride	ND	1.0	0.19	ug/l	
108-90-7	Chlorobenzene	ND	1.0	0.22	ug/l	
75-00-3	Chloroethane	ND	1.0	0.37	ug/l	
67-66-3	Chloroform	ND	1.0	0.21	ug/l	
74-87-3	Chloromethane	ND	1.0	0.22	ug/l	
110-82-7	Cyclohexane	ND	5.0	0.29	ug/l	
96-12-8	1,2-Dibromo-3-chloropropane	~~ND~~ 45 ✓	10	1.3	ug/l	
124-48-1	Dibromochloromethane	ND	1.0	0.20	ug/l	
106-93-4	1,2-Dibromoethane	ND	2.0	0.21	ug/l	
95-50-1	1,2-Dichlorobenzene	ND	1.0	0.18	ug/l	
541-73-1	1,3-Dichlorobenzene	ND	1.0	0.29	ug/l	
106-46-7	1,4-Dichlorobenzene	ND	1.0	0.26	ug/l	
75-71-8	Dichlorodifluoromethane	ND	5.0	0.31	ug/l	
75-34-3	1,1-Dichloroethane	ND	1.0	0.19	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.18	ug/l	
75-35-4	1,1-Dichloroethene	ND	1.0	0.28	ug/l	
156-59-2	cis-1,2-Dichloroethene	ND	1.0	0.22	ug/l	
156-60-5	trans-1,2-Dichloroethene	ND	1.0	0.31	ug/l	
78-87-5	1,2-Dichloropropane	ND	1.0	0.22	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND	1.0	0.22	ug/l	
10061-02-6	trans-1,3-Dichloropropene	ND	1.0	0.19	ug/l	
123-91-1	1,4-Dioxane	ND	130	72	ug/l	
100-41-4	Ethylbenzene	0.48	1.0	0.21	ug/l	J
76-13-1	Freon 113	ND	5.0	0.49	ug/l	

ND = Not detected MDL - Method Detection Limit
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

Client Sample ID:	198 DS-MW-3		
Lab Sample ID:	JB6369-5	Date Sampled:	05/11/12
Matrix:	AQ - Ground Water	Date Received:	05/11/12
Method:	SW846 8260B	Percent Solids:	n/a
Project:	198 Douglass Street, Brooklyn, NY		

VOA TCL List (SOM0 1.1)

CAS No.	Compound	Result	RL	MDL	Units	Q
591-78-6	2-Hexanone	ND	5.0	3.0	ug/l	
98-82-8	Isopropylbenzene	1.2	2.0	0.19	ug/l	J
79-20-9	Methyl Acetate	ND	5.0	2.9	ug/l	
108-87-2	Methylcyclohexane	ND	5.0	0.18	ug/l	
1634-04-4	Methyl Tert Butyl Ether	10.7	1.0	0.18	ug/l	
108-10-1	4-Methyl-2-pentanone(MIBK)	ND	5.0	1.2	ug/l	
75-09-2	Methylene chloride	ND	2.0	0.20	ug/l	
100-42-5	Styrene	ND	5.0	0.23	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0	0.20	ug/l	
127-18-4	Tetrachloroethene	ND	1.0	0.32	ug/l	
108-88-3	Toluene	ND	1.0	0.15	ug/l	
87-61-6	1,2,3-Trichlorobenzene	ND	5.0	0.69	ug/l	
120-82-1	1,2,4-Trichlorobenzene	ND	5.0	0.15	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	1.0	0.24	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	1.0	0.23	ug/l	
79-01-6	Trichloroethene	ND	1.0	0.21	ug/l	
75-69-4	Trichlorofluoromethane	ND	5.0	0.35	ug/l	
75-01-4	Vinyl chloride	0.75	1.0	0.27	ug/l	J
	m,p-Xylene	ND	1.0	0.32	ug/l	
95-47-6	o-Xylene	ND	1.0	0.17	ug/l	
1330-20-7	Xylene (total)	ND	1.0	0.17	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	93%		77-120%
17060-07-0	1,2-Dichloroethane-D4	90%		70-127%
2037-26-5	Toluene-D8	96%		79-120%
460-00-4	4-Bromofluorobenzene	95%		76-118%

CAS No.	Tentatively Identified Compounds	R.T.	Est. Conc.	Units	Q
95-63-6	Benzene, 1,2,4-trimethyl-	15.54	8.9	ug/l	JN
	C4 alkyl benzene	16.10	12	ug/l	J
	C4 alkyl benzene	16.19	9.4	ug/l	J
	C4 alkyl benzene	16.55	17	ug/l	J
	1H-indene-dihydro-methyl	16.73	12	ug/l	J
	C4 alkyl benzene	16.99	10	ug/l	J
	1H-indene-dihydro-methyl	17.28	18	ug/l	J
	C4 alkyl benzene	17.39	11	ug/l	J
	1H-indene-methyl	17.51	7.3	ug/l	J

ND = Not detected MDL - Method Detection Limit
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

Client Sample ID:	198 DS-MW-3		
Lab Sample ID:	JB6369-5	**Date Sampled:**	05/11/12
Matrix:	AQ - Ground Water	**Date Received:**	05/11/12
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	198 Douglass Street, Brooklyn, NY		

VOA TCL List (SOM0 1.1)

CAS No.	Tentatively Identified Compounds	R.T.	Est. Conc.	Units	Q
	1H-indene-methyl	17.61	14	ug/l	J
	1H-Indene-dihydro-dimethyl	17.69	10	ug/l	J
91-20-3	Naphthalene	18.09	8	ug/l	JN
	Naphthalene dihydro-methyl	18.40	6.8	ug/l	J
	1H-Indene-dimethyl	18.56	11	ug/l	J
	1H-Indene-dimethyl	18.71	11	ug/l	J
	Total TIC, Volatile		166.4	ug/l	J

ND = Not detected MDL - Method Detection Limit
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

Client Sample ID:	198 DS-MW-4
Lab Sample ID:	JB6369-6
Matrix:	AQ - Ground Water
Method:	SW846 8260B
Project:	198 Douglass Street, Brooklyn, NY
Date Sampled:	05/11/12
Date Received:	05/11/12
Percent Solids:	n/a

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	3D73359.D	1	05/16/12	NT	n/a	n/a	V3D3171
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

VOA TCL List (SOM0 1.1)

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	~~ND~~ R ✓	~~10~~	~~5.0~~	ug/l	
71-43-2	Benzene	ND	1.0	0.22	ug/l	
74-97-5	Bromochloromethane	ND	5.0	0.40	ug/l	
75-27-4	Bromodichloromethane	ND	1.0	0.23	ug/l	
75-25-2	Bromoform	ND	4.0	0.24	ug/l	
74-83-9	Bromomethane	ND	2.0	0.31	ug/l	
78-93-3	2-Butanone (MEK)	ND	10	2.9	ug/l	
75-15-0	Carbon disulfide	~~ND~~ UJ ✓	2.0	0.18	ug/l	
56-23-5	Carbon tetrachloride	ND	1.0	0.19	ug/l	
108-90-7	Chlorobenzene	ND	1.0	0.22	ug/l	
75-00-3	Chloroethane	ND	1.0	0.37	ug/l	
67-66-3	Chloroform	ND	1.0	0.21	ug/l	
74-87-3	Chloromethane	ND	1.0	0.22	ug/l	
110-82-7	Cyclohexane	ND	5.0	0.29	ug/l	
96-12-8	1,2-Dibromo-3-chloropropane	ND	10	1.3	ug/l	
124-48-1	Dibromochloromethane	ND	1.0	0.20	ug/l	
106-93-4	1,2-Dibromoethane	ND	2.0	0.21	ug/l	
95-50-1	1,2-Dichlorobenzene	ND	1.0	0.18	ug/l	
541-73-1	1,3-Dichlorobenzene	ND	1.0	0.29	ug/l	
106-46-7	1,4-Dichlorobenzene	ND	1.0	0.26	ug/l	
75-71-8	Dichlorodifluoromethane	ND	5.0	0.31	ug/l	
75-34-3	1,1-Dichloroethane	~~ND~~ UJ ✓	1.0	0.19	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.18	ug/l	
75-35-4	1,1-Dichloroethene	ND	1.0	0.28	ug/l	
156-59-2	cis-1,2-Dichloroethene	ND	1.0	0.22	ug/l	
156-60-5	trans-1,2-Dichloroethene	ND	1.0	0.31	ug/l	
78-87-5	1,2-Dichloropropane	ND	1.0	0.22	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND	1.0	0.22	ug/l	
10061-02-6	trans-1,3-Dichloropropene	ND	1.0	0.19	ug/l	
123-91-1	1,4-Dioxane	ND	130	72	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.21	ug/l	
76-13-1	Freon 113	ND	5.0	0.49	ug/l	

ND = Not detected MDL - Method Detection Limit
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

Client Sample ID:	198 DS-MW-4		
Lab Sample ID:	JB6369-6	Date Sampled:	05/11/12
Matrix:	AQ - Ground Water	Date Received:	05/11/12
Method:	SW846 8260B	Percent Solids:	n/a
Project:	198 Douglass Street, Brooklyn, NY		

VOA TCL List (SOM0 1.1)

CAS No.	Compound	Result	RL	MDL	Units	Q
591-78-6	2-Hexanone	ND	5.0	3.0	ug/l	
98-82-8	Isopropylbenzene	ND	2.0	0.19	ug/l	
79-20-9	Methyl Acetate	ND	5.0	2.9	ug/l	
108-87-2	Methylcyclohexane	ND	5.0	0.18	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	0.18	ug/l	
108-10-1	4-Methyl-2-pentanone(MIBK)	ND	5.0	1.2	ug/l	
75-09-2	Methylene chloride	ND	2.0	0.20	ug/l	
100-42-5	Styrene	ND	5.0	0.23	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0	0.20	ug/l	
127-18-4	Tetrachloroethene	ND	1.0	0.32	ug/l	
108-88-3	Toluene	ND	1.0	0.15	ug/l	
87-61-6	1,2,3-Trichlorobenzene	ND	5.0	0.69	ug/l	
120-82-1	1,2,4-Trichlorobenzene	ND	5.0	0.15	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	1.0	0.24	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	1.0	0.23	ug/l	
79-01-6	Trichloroethene	ND	1.0	0.21	ug/l	
75-69-4	Trichlorofluoromethane	ND	5.0	0.35	ug/l	
75-01-4	Vinyl chloride	ND	1.0	0.27	ug/l	
	m,p-Xylene	ND	1.0	0.32	ug/l	
95-47-6	o-Xylene	ND	1.0	0.17	ug/l	
1330-20-7	Xylene (total)	ND	1.0	0.17	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	92%		77-120%
17060-07-0	1,2-Dichloroethane-D4	91%		70-127%
2037-26-5	Toluene-D8	95%		79-120%
460-00-4	4-Bromofluorobenzene	97%		76-118%

CAS No.	Tentatively Identified Compounds	R.T.	Est. Conc.	Units	Q
	Total TIC, Volatile		0	ug/l	

ND = Not detected MDL - Method Detection Limit
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

Client Sample ID:	198 DS-MW-5		
Lab Sample ID:	JB6369-7	Date Sampled:	05/11/12
Matrix:	AQ - Ground Water	Date Received:	05/11/12
Method:	SW846 8260B	Percent Solids:	n/a
Project:	198 Douglass Street, Brooklyn, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	3D73382.D	1	05/16/12	NT	n/a	n/a	V3D3172
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

VOA TCL List (SOM0 1.1)

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	~~ND~~ R ✓	~~10~~	~~5.0~~	ug/l	
71-43-2	Benzene	ND	1.0	0.22	ug/l	
74-97-5	Bromochloromethane	ND	5.0	0.40	ug/l	
75-27-4	Bromodichloromethane	ND	1.0	0.23	ug/l	
75-25-2	Bromoform	ND	4.0	0.24	ug/l	
74-83-9	Bromomethane	ND	2.0	0.31	ug/l	
78-93-3	2-Butanone (MEK)	ND	10	2.9	ug/l	
75-15-0	Carbon disulfide	ND	2.0	0.18	ug/l	
56-23-5	Carbon tetrachloride	ND	1.0	0.19	ug/l	
108-90-7	Chlorobenzene	ND	1.0	0.22	ug/l	
75-00-3	Chloroethane	ND	1.0	0.37	ug/l	
67-66-3	Chloroform	ND	1.0	0.21	ug/l	
74-87-3	Chloromethane	ND	1.0	0.22	ug/l	
110-82-7	Cyclohexane	ND	5.0	0.29	ug/l	
96-12-8	1,2-Dibromo-3-chloropropane	~~ND~~ UJ ✓	10	1.3	ug/l	
124-48-1	Dibromochloromethane	ND	1.0	0.20	ug/l	
106-93-4	1,2-Dibromoethane	ND	2.0	0.21	ug/l	
95-50-1	1,2-Dichlorobenzene	ND	1.0	0.18	ug/l	
541-73-1	1,3-Dichlorobenzene	ND	1.0	0.29	ug/l	
106-46-7	1,4-Dichlorobenzene	ND	1.0	0.26	ug/l	
75-71-8	Dichlorodifluoromethane	ND	5.0	0.31	ug/l	
75-34-3	1,1-Dichloroethane	ND	1.0	0.19	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.18	ug/l	
75-35-4	1,1-Dichloroethene	ND	1.0	0.28	ug/l	
156-59-2	cis-1,2-Dichloroethene	ND	1.0	0.22	ug/l	
156-60-5	trans-1,2-Dichloroethene	ND	1.0	0.31	ug/l	
78-87-5	1,2-Dichloropropane	ND	1.0	0.22	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND	1.0	0.22	ug/l	
10061-02-6	trans-1,3-Dichloropropene	ND	1.0	0.19	ug/l	
123-91-1	1,4-Dioxane	ND	130	72	ug/l	
100-41-4	Ethylbenzene	0.47	1.0	0.21	ug/l	J
76-13-1	Freon 113	ND	5.0	0.49	ug/l	

ND = Not detected MDL - Method Detection Limit
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

Client Sample ID:	198 DS-MW-5		
Lab Sample ID:	JB6369-7	Date Sampled:	05/11/12
Matrix:	AQ - Ground Water	Date Received:	05/11/12
Method:	SW846 8260B	Percent Solids:	n/a
Project:	198 Douglass Street, Brooklyn, NY		

VOA TCL List (SOM0 1.1)

CAS No.	Compound	Result	RL	MDL	Units	Q
591-78-6	2-Hexanone	ND	5.0	3.0	ug/l	
98-82-8	Isopropylbenzene	1.2	2.0	0.19	ug/l	J
79-20-9	Methyl Acetate	ND	5.0	2.9	ug/l	
108-87-2	Methylcyclohexane	ND	5.0	0.18	ug/l	
1634-04-4	Methyl Tert Butyl Ether	10.7	1.0	0.18	ug/l	
108-10-1	4-Methyl-2-pentanone(MIBK)	ND	5.0	1.2	ug/l	
75-09-2	Methylene chloride	ND	2.0	0.20	ug/l	
100-42-5	Styrene	ND	5.0	0.23	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0	0.20	ug/l	
127-18-4	Tetrachloroethene	ND	1.0	0.32	ug/l	
108-88-3	Toluene	ND	1.0	0.15	ug/l	
87-61-6	1,2,3-Trichlorobenzene	ND	5.0	0.69	ug/l	
120-82-1	1,2,4-Trichlorobenzene	ND	5.0	0.15	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	1.0	0.24	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	1.0	0.23	ug/l	
79-01-6	Trichloroethene	ND	1.0	0.21	ug/l	
75-69-4	Trichlorofluoromethane	ND	5.0	0.35	ug/l	
75-01-4	Vinyl chloride	0.75	1.0	0.27	ug/l	J
	m,p-Xylene	ND	1.0	0.32	ug/l	
95-47-6	o-Xylene	ND	1.0	0.17	ug/l	
1330-20-7	Xylene (total)	ND	1.0	0.17	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	94%		77-120%
17060-07-0	1,2-Dichloroethane-D4	91%		70-127%
2037-26-5	Toluene-D8	92%		79-120%
460-00-4	4-Bromofluorobenzene	92%		76-118%

CAS No.	Tentatively Identified Compounds	R.T.	Est. Conc.	Units	Q
95-63-6	Benzene, 1,2,4-trimethyl-	15.54	9	ug/l	JN
	C4 alkyl benzene	16.10	12	ug/l	J
	C4 alkyl benzene	16.19	9.8	ug/l	J
	C4 alkyl benzene	16.55	18	ug/l	J
	1H-indene-dihydro-methyl	16.73	13	ug/l	J
	C4 alkyl benzene	16.99	11	ug/l	J
	1H-indene-dihydro-methyl	17.28	19	ug/l	J
	C4 alkyl benzene	17.39	11	ug/l	J
	1H-indene-methyl	17.51	8.5	ug/l	J

ND = Not detected MDL - Method Detection Limit
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

Client Sample ID:	198 DS-MW-5		
Lab Sample ID:	JB6369-7	Date Sampled:	05/11/12
Matrix:	AQ - Ground Water	Date Received:	05/11/12
Method:	SW846 8260B	Percent Solids:	n/a
Project:	198 Douglass Street, Brooklyn, NY		

VOA TCL List (SOM0 1.1)

CAS No.	Tentatively Identified Compounds	R.T.	Est. Conc.	Units	Q
	1H-indene-methyl	17.61	16	ug/l	J
	1H-Indene-dihydro-dimethyl	17.69	11	ug/l	J
91-20-3	Naphthalene	18.09	7.9	ug/l	JN
	Naphthalene dihydro-methyl	18.40	7.5	ug/l	J
	1H-indene-dimethyl	18.57	12	ug/l	J
	1H-indene-dimethyl	18.71	13	ug/l	J
	Total TIC, Volatile		178.7	ug/l	J

ND = Not detected MDL - Method Detection Limit
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

QC Nonconformance Documentation

Initial Calibration Summary

Job Number: JB6369
Account: TRCCTW TRC
Project: 198 Douglass Street, Brooklyn, NY

Sample: V3D3139-ICC3139
Lab FileID: 3D72585.D

Response Factor Report MS3D

Method : C:\msdchem\1\METHODS\M3D3139.M (RTE Integrator)
Title : Method SW846 8260B, ZB 624 60m x 0.25mm x 1.4 um
Last Update : Wed Apr 25 11:03:49 2012
Response via : Initial Calibration

Calibration Files
5 =3D72579.D 0.5 =3D72590.D 2 =3D72580.D 50 =3D72585.D
100 =3D72586.D 1 =3D72581.D 200 =3D72587.D 20 =3D72584.D
10 =3D72583.D =

Compound	5	0.5	2	50	100	1	200	20	10	Avg	%RSD
1) I Tert Butyl Alcohol-d9	ISTD										
2) 1,4-dioxane	0.088	0.078	0.094	0.092	0.081	0.088	0.094	0.095		0.089	7.29
3) tertiary butyl alcohol	0.945	1.017	1.029	0.978	1.016	0.937	1.043	0.998		0.995	3.88
4) I pentafluorobenzene	ISTD										
5) chlorodifluoromethane	0.540	0.521	0.562	0.555	0.555	0.572	0.531	0.497	0.486	0.535	5.48
6) dichlorodifluoromethane	0.776	0.612	0.740	0.829	0.791	0.719	0.793	0.757	0.847	0.762	9.10
7) chloromethane	0.821	0.922	0.824	0.828	0.811	0.852	0.790	0.814	0.858	0.836	4.60
8) vinyl chloride	0.733	0.651	0.721	0.753	0.727	0.706	0.712	0.721	0.769	0.721	4.57
9) bromomethane	0.458	0.429	0.415	0.371	0.455		0.435	0.462		0.432	7.35
10) chloroethane	0.362	0.342	0.350	0.365	0.359	0.360	0.318	0.354	0.375	0.354	4.60
11) vinyl bromide										0.000#	-1.00
12) trichlorofluoromethane	0.773	0.735	0.765	0.806	0.779	0.724	0.789	0.751	0.817	0.771	4.02
13) pentane	0.749	0.768	0.729	0.715	0.731	0.794	0.687	0.608	0.696	0.720	7.49
14) ethyl ether	0.259	0.254	0.249	0.251	0.278	0.239	0.248	0.239		0.252	4.97
15) acrolein	0.098	0.105	0.106		0.109		0.106	0.097		0.104	4.40
16) 1,1-dichloroethene	0.422	0.443	0.371	0.408	0.505	0.369	0.364	0.360		0.405	12.52
17) acetone	0.035		0.042	0.041		0.040	0.042	0.038		0.040	7.04
18) allyl chloride	0.260	0.238	0.234	0.250	0.185	0.228	0.227	0.214		0.230	9.92
19) acetonitrile	0.047	0.050	0.045	0.043		0.041	0.046	0.045		0.045	6.58
20) iodomethane	0.792	0.816	0.735	0.733	0.798	0.692	0.729	0.720	0.685	0.744	6.30
21) iso-butyl alcohol	0.018	0.021	0.019	0.017	0.022	0.017	0.019	0.018		0.019	9.30
22) carbon disulfide	1.587	1.485	1.372	1.520	1.428	1.358	1.339	1.292		1.423	7.09
23) methylene chloride											

Raw Data: 4B17808.D 4B17810.D 4B17811.D 4B17812.D 4B17813.D 4B17814.D 4B17815.D 4B17816.D 4B17818A.D

Initial Calibration Summary

Job Number: JB5733
Account: TRCCTW TRC
Project: 198 Douglass Street, Brooklyn, NY

Sample: V4B781-ICC781
Lab FileID: 4B17814.D

Response Factor Report MS4B

Method : C:\MSDCHEM\1\METHODS\M4B781.M (RTE Integrator)
Title : Method SW846 8260B, ZB624 60mx0.25mmx1.4um
Last Update : Wed May 16 14:33:24 2012
Response via : Initial Calibration

Calibration Files
1 =4B17818A.D 0.5 =4B17808.D 100 =4B17815.D 50 =4B17814.D
20 =4B17813.D 200 =4B17816.D 5 =4B17811.D 2 =4B17810.D
10 =4B17812.D =

Compound	1	0.5	100	50	20	200	5	2	10	Avg	%RSD
1) tert butyl alcohol-d9	----------ISTD----------										
2) tertiary butyl alcohol		1.117	1.062	1.079	1.029	1.134	1.022	1.219		1.094	6.30
3) 1,4-dioxane		0.108	0.102	0.103	0.099	0.107		0.116		0.106	5.48
4) I pentafluorobenzene	----------ISTD----------										
5) chlorodifluoromethane		0.502	0.428	0.426	0.468	0.435	0.386	0.475		0.446	8.66
6) dichlorodifluoromethane		0.712	0.643	0.619	0.680	0.665		0.599		0.653	6.32
7) chloromethane	0.567	0.522	0.700	0.632	0.632	0.684	0.645	0.576	0.593	0.617	9.33
8) vinyl chloride	0.410		0.610	0.543	0.531	0.586	0.557	0.440	0.493	0.521	13.25
9) bromomethane	0.282	0.247	0.181	0.222	0.280		0.343	0.275	0.290	0.265	18.32
----- Quadratic regression ----- Coefficient = 0.9986											
Response Ratio = 0.00327 + 0.27061 *A + -0.04594 *A^2											
10) chloroethane	0.188		0.180	0.199	0.222		0.254	0.201	0.224	0.210	12.02
11) vinyl bromide		0.415	0.252	0.358	0.358		0.335	0.289	0.337	0.335	15.61
----- Linear regression ----- Coefficient = 0.9958											
Response Ratio = -0.01416 + 0.41175 *A											
12) trichlorofluoromethane		0.681	0.624	0.614	0.596	0.674	0.463	0.609		0.609	11.86
13) 1,3-butadiene		0.371	0.306	0.331	0.325		0.273	0.244	0.303	0.308	13.42
14) Pentane		0.779	0.728	0.616	0.658		0.609	0.547	0.622	0.651	12.05
15) ethyl ether	0.208		0.241	0.225	0.235	0.223	0.242	0.226	0.205	0.226	6.10
16) 2-chloropropane	0.718		0.846	0.731	0.788	0.771	0.775	0.775	0.665	0.758	7.11
17) acrolein		0.116	0.100	0.098	0.107	0.105	0.109	0.101		0.105	6.02
18) 1,1-dichloroethene	0.281		0.428	0.357	0.383	0.398	0.376	0.342	0.319	0.360	12.83
19) acetone		0.044	0.040	0.040	0.042				0.030	0.039	13.50
20) allyl chloride											

Initial Calibration Summary

Job Number: JB5733
Account: TRCCTW TRC
Project: 198 Douglass Street, Brooklyn, NY

Sample: VE8348-ICC8348
Lab FileID: E189797.D

Response Factor Report MSE

Method : C:\MSDCHEM\1\METHODS\ME8348.M (RTE Integrator)
Title : SW846 8260B,ZB624 60m x 0.25mm x 1.4um
Last Update : Tue Apr 03 11:13:05 2012
Response via : Initial Calibration

Calibration Files
5 =e189794.D 2 =e189793.D 20 =e189796.D 50 =e189797.D
100 =e189798.D 1 =e189792.D 200 =e189799.D 0.5 =e189791.D
10 =e189795.D =

Compound	5	2	20	50	100	1	200	0.5	10	Avg	%RSD
1) Tert Butyl Alcohol-d9	----------ISTD----------										
2) 1,4-dioxane	0.078	0.098	0.086	0.085		0.080		0.099		0.088	10.27
3) tertiary butyl alcohol	1.142	1.093	1.190	1.122	1.075	0.906	1.010		1.265	1.100	9.95
4) ethanol										0.000#	-1.00
5) 1 pentafluorobenzene	----------ISTD----------										
6) freon 23										0.000#	-1.00
7) freon 115										0.000#	-1.00
8) freon 143a										0.000#	-1.00
9) freon 152a										0.000#	-1.00
10) chlorotrifluoroethene										0.000#	-1.00
11) chlorodifluoromethane	0.419	0.367	0.433	0.430	0.427		0.412		0.468	0.422	7.10
12) dichlorodifluoromethane	0.598	0.599	0.649	0.638	0.630	0.481	0.603	0.481	0.681	0.595	11.80
13) freon 114										0.000#	-1.00
14) freon 142b										0.000#	-1.00
15) chloromethane	0.670	0.659	0.672	0.675	0.663	0.593	0.650	0.747	0.731	0.673	6.66
16) vinyl chloride	0.547	0.506	0.604	0.609	0.593	0.459	0.583		0.640	0.567	10.57
17) acetaldehyde										0.000#	-1.00
18) bromomethane	0.392	0.385	0.381	0.366	0.351	0.323	0.322	0.400	0.425	0.372	9.32
19) chloroethane	0.300	0.271	0.310	0.305	0.300	0.256	0.282	0.300	0.344	0.296	8.42
20) vinyl bromide										0.000#	-1.00
21) trichlorofluoromethane	0.668	0.604	0.716	0.698	0.694	0.506	0.661		0.761	0.664	11.77
22) pentane	0.706	0.686	0.811	0.760	0.761	0.713	0.693		0.782	0.739	6.21
23) ethyl ether											

5.9.5 5

Initial Calibration Summary

Job Number: JB5733
Account: TRCCTW TRC
Project: 198 Douglass Street, Brooklyn, NY

Sample: VE8348-ICC8348
Lab FileID: E189797.D

	0.239	0.268	0.257	0.253	0.247	0.245	0.240	0.272	0.262	0.254	4.65
24) freon 141b											
										0.000#	-1.00
25) freon 123a											
										0.000#	-1.00
26) freon 123											
										0.000#	-1.00
27) 2-chloropropane											
	0.732	0.608	0.783	0.757	0.748	0.572	0.714		0.818	0.717	11.84
28) acrolein											
	0.099	0.085	0.093	0.088		0.090			0.097	0.092	5.88
29) 1,1-dichloroethene											
	0.390	0.358	0.421	0.397	0.381	0.330	0.364	0.397	0.434	0.386	8.29
30) isopropyl alcohol											
										0.000#	-1.00
31) acetone											
	0.041		0.043	0.037	0.038		0.037		0.046	0.040	9.46
32) allyl chloride											
	0.663	0.582	0.740	0.698	0.666	0.707	0.645		0.771	0.684	8.59
33) acetonitrile											
	0.027	0.030	0.028	0.027	0.025		0.025		0.030	0.028	7.14
34) iodomethane											
	0.828	0.707	0.911	0.885	0.866	0.662	0.841	0.786	0.939	0.825	11.17
35) iso-butyl alcohol											
	0.004		0.004	0.004	0.004		0.003		0.002	0.003#	18.51
----- Linear regression ----- Coefficient = 0.9977											
Response Ratio = 0.00085 + 0.00350 *A											
36) carbon disulfide											
	1.188	1.080	1.314	1.254	1.221	0.947	1.162	1.087	1.390	1.183	11.28
37) methylene chloride											
	0.418	0.404	0.453	0.445	0.435	0.403	0.418	0.478	0.482	0.437	6.80
38) 1-chloropropane											
	0.764	0.776	0.790	0.751	0.716	0.783	0.678	1.004	0.828	0.788	11.68
39) methyl acetate											
	0.400	0.313	0.380	0.368	0.355	0.284	0.346		0.391	0.355	11.13
40) methyl tert butyl ether											
	1.225	1.289	1.260	1.200	1.144	1.144	1.105	1.416	1.320	1.234	8.03
41) trans-1,2-dichloroethene											
	0.432	0.408	0.450	0.423	0.414	0.412	0.392	0.474	0.481	0.432	7.09
42) di-isopropyl ether											
	1.374	1.225	1.389	1.305	1.263	1.219	1.196	1.656	1.515	1.349	11.40
43) ethyl tert-butyl ether											
	1.307	1.134	1.361	1.342	1.293	1.118	1.238	1.306	1.477	1.286	8.68
44) 2-butanone											
	0.050		0.051	0.053	0.052		0.049		0.050	0.051	3.36
45) 1,1-dichloroethane											
	0.740	0.677	0.773	0.744	0.709	0.603	0.669	0.692	0.825	0.714	9.07
46) chloroprene											
	0.591	0.490	0.631	0.611	0.596	0.454	0.564	0.591	0.660	0.576	11.39
47) acrylonitrile											
	0.166	0.168	0.175	0.169	0.163	0.150	0.159	0.172	0.181	0.167	5.43
48) vinyl acetate											
	0.066		0.074	0.072	0.072		0.071		0.077	0.072	4.85
49) ethyl acetate											
	0.079		0.067	0.064	0.062		0.060		0.074	0.067	10.97
50) 2,2-dichloropropane											
	0.502	0.444	0.517	0.483	0.461	0.476	0.441	0.580	0.560	0.496	9.88
51) cis-1,2-dichloroethene											
	0.482	0.466	0.489	0.468	0.447	0.388	0.419	0.527	0.523	0.468	9.66

5.9.5

Initial Calibration Summary

Job Number: JB5733
Account: TRCCTW TRC
Project: 198 Douglass Street, Brooklyn, NY

Sample: VY5252-ICC5252
Lab FileID: Y122454.D

Response Factor Report MSY

Method : C:\MSDCHEM\1\METHODS\MYS5252.M (RTE Integrator)
Title : Method SW846 8260B, ZB624 60m x 0.25mm x 1.4um
Last Update : Fri May 04 14:44:51 2012
Response via : Initial Calibration

Calibration Files
5 =Y122449.D 10 =Y122448.D 0.5 =Y122452.D 50 =Y122454.D
100 =Y122456.D 1 =Y122451.D 200 =Y122457.D 20 =Y122453.D
2 =Y122450.D 75 =Y122455.D = =

Compound	5	10	0.5	50	100	1	200	20	2	75	Avg	%RSD
1) I Tert Butyl Alcohol-d9	----------ISTD----------											
2) 1,4-dioxane	0.090	0.094	0.115	0.112	0.102	0.116	0.104	0.105				9.75
3) tertiary butyl alcohol	1.187	1.182	1.282	1.234	1.106	1.129	1.268	1.137	1.187	1.190		5.15
4) I pentafluorobenzene	----------ISTD----------											
5) freon 141b	0.425	0.463	0.388	0.418	0.429	0.318	0.384	0.435	0.404	0.407		10.16
6) freon 142b	0.378	0.413	0.348	0.312	0.369	0.280	0.350	0.379	0.359	0.354		11.03
7) freon 143a	0.177	0.207	0.158	0.168	0.158	0.189	0.164	0.161	0.166	0.172		9.59
8) chlorodifluoromethane	0.292	0.328	0.278	0.290	0.275	0.282	0.256	0.288	0.286			7.12
9) dichlorodifluoromethane	0.406	0.453	0.388	0.395	0.394	0.376	0.436	0.400	0.406			6.33
10) chloromethane	0.474	0.493	0.458	0.438	0.441	0.468	0.426	0.459	0.569	0.443	0.467	8.77
11) vinyl chloride	0.392	0.420	0.365	0.373	0.353	0.359	0.380	0.447	0.373	0.385		7.96
12) bromomethane	0.330	0.330	0.284	0.271	0.324	0.310	0.389	0.272	0.314			12.45
13) chloroethane	0.225	0.240	0.204	0.204	0.216	0.267	0.205	0.223				10.53
14) Vinyl Bromide	0.265	0.270	0.235	0.297	0.244	0.251	0.236	0.242	0.242	0.254		8.03
15) trichlorofluoromethane	0.488	0.528	0.444	0.447	0.430	0.433	0.453	0.582	0.450	0.473		10.88
16) ethyl ether	0.204	0.212	0.211	0.213	0.251	0.204	0.203	0.231	0.211	0.215		7.30
17) 2-chloropropane	0.121	0.138	0.123	0.127	0.118	0.128	0.132	0.124	0.126			5.19
18) acrolein	0.060	0.061	0.066	0.059	0.064	0.061	0.062	0.057	0.057	0.060	0.061	4.67
19) 1,1-dichloroethene	0.487	0.533	0.443	0.427	0.392	0.467	0.443	0.456				9.91
20) acetone	0.026	0.033	0.026	0.028	0.026	0.029	0.029	0.028				8.16
21) allyl chloride	0.189	0.214	0.188	0.193	0.178	0.197	0.181	0.189	0.191			5.77
22) acetonitrile	0.029	0.032	0.027	0.033	0.029	0.031	0.037	0.031				9.74
23) iodomethane												

5.9.8

Job Number: JB5733
Account: TRCCTW TRC
Project: 198 Douglass Street, Brooklyn, NY

Sample: VY5252-ICC5252
Lab FileID: Y122454.D

	0.594	0.671	0.575	0.632	0.645	0.627	0.611	0.653	0.638	0.634	0.628	4.50
24)	iso-butyl alcohol											
	0.014	0.013		0.012	0.012		0.010	0.011	0.011	0.012	0.012	9.60
25)	carbon disulfide											
	0.955	1.066	0.970	0.922	0.933	0.971	0.866	0.958	1.001	0.931	0.957	5.49
26)	1-chloropropane											
	0.023	0.026		0.024	0.025		0.023	0.027		0.025	0.025	5.95
27)	methylene chloride											
	0.401	0.451		0.407	0.399		0.364	0.453		0.399	0.411	7.70
28)	methyl acetate											
	0.034	0.044		0.048	0.052		0.048	0.044		0.051	0.046	13.60
29)	methyl tert butyl ether											
	1.080	1.143	1.212	1.125	1.128	1.227	1.051	1.097	1.165	1.118	1.135	4.85
30)	trans-1,2-dichloroethene											
	0.344	0.370	0.335	0.329	0.326	0.405	0.300	0.352	0.371	0.327	0.346	8.66
31)	di-isopropyl ether											
	1.195	1.292		1.190	1.187	1.360	1.115	1.186	1.139	1.193	1.206	6.23
32)	ethyl tert-butyl ether											
	1.240	1.316		1.252	1.250	1.371	1.173	1.231	1.174	1.256	1.251	4.99
33)	2-butanone											
	0.033	0.042		0.037	0.040		0.037	0.038		0.040	0.038	7.01
34)	1,1-dichloroethane											
	0.609	0.673	0.594	0.604	0.595	0.677	0.549	0.642	0.660	0.601	0.620	6.65
35)	chloroprene											
	0.472	0.520		0.432	0.434	0.466	0.404	0.454	0.447	0.437	0.452	7.25
36)	acrylonitrile											
	0.097	0.101		0.100	0.101	0.082	0.092	0.098	0.092	0.102	0.096	6.79
37)	vinyl acetate											
		0.048		0.055	0.059		0.055	0.049		0.058	0.054	8.28
38)	ethyl acetate											
	0.035	0.044		0.041	0.043		0.040	0.039		0.043	0.041	7.93
39)	2,2-dichloropropane											
	0.515	0.558	0.497	0.463	0.462	0.533	0.430	0.495	0.556	0.462	0.497	8.72
40)	cis-1,2-dichloroethene											
	0.406	0.430	0.414	0.404	0.399	0.428	0.371	0.423	0.446	0.404	0.412	5.07
41)	propionitrile											
	0.039	0.041		0.041	0.041		0.039	0.042	0.036	0.042	0.040	5.08
42)	bromochloromethane											
	0.204	0.217		0.218	0.217	0.195	0.203	0.213	0.216	0.215	0.211	3.86
43)	tetrahydrofuran											
	0.124	0.114		0.101	0.100		0.093	0.104		0.102	0.105	9.81
44)	chloroform											
	0.671	0.710	0.798	0.651	0.642	0.801	0.596	0.688	0.753	0.646	0.696	9.94
45)	tert-Butyl Formate											
	0.129	0.137		0.150	0.165		0.167	0.124		0.161	0.148	12.02
46)	dibromofluoromethane (s)											
	0.379	0.354		0.351	0.341		0.330	0.349		0.352	0.351	4.30
47)	1,2-dichloroethane-d4 (s)											
	0.421	0.397		0.381	0.368		0.347	0.383		0.380	0.383	6.04
48)	freon 113											
	0.244	0.264		0.218	0.223		0.209	0.214		0.217	0.227	8.70
49)	methacrylonitrile											
	0.114	0.127		0.126	0.131		0.124	0.123	0.098	0.130	0.122	8.91
50)	1,1,1-trichloroethane											
	0.525	0.564	0.481	0.485	0.488	0.518	0.454	0.507	0.555	0.487	0.506	6.82
51)	Cyclohexane											
	0.456	0.491	0.427	0.394	0.383	0.420	0.355	0.397	0.468	0.389	0.418	10.20
52)	2,2,4-trimethylpentane											
	1.138	1.229		0.938	0.924	1.218	0.855	0.956	1.043	0.932	1.026	13.44
53)	tert-amyl methyl ether											

5.9.8

Continuing Calibration Summary

Job Number: JB6369
Account: TRCCTW TRC
Project: 198 Douglass Street, Brooklyn, NY

Sample: V3D3171-CC3139
Lab FileID: 3D73352.D

Evaluate Continuing Calibration Report

Data File : C:\MSDChem\1\DATA\3D\3D73352.D
Acq On : 15 May 2012 10:52 pm
Sample : CC3139-50
Misc : MS29829,V3D3171,W,,,,1
MS Integration Params: lscint.p

Vial: 26
Operator: natet
Inst : MS3D
Multiplr: 1.00

Method : C:\msdchem\1\METHODS\M3D3139.M (RTE Integrator)
Title : Method SW846 8260B, ZB 624 60m x 0.25mm x 1.4 um
Last Update : Wed Apr 25 11:03:49 2012
Response via : Multiple Level Calibration

Min. RRF : 0.010 Min. Rel. Area : 50% Max. R.T. Dev 0.30min
Max. RRF Dev : 20% Max. Rel. Area : 200%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)	R.T.
1	I	Tert Butyl Alcohol-d9	1.000	1.000	0.0	98	-0.01	7.36
2		1,4-dioxane	0.089	0.078	12.4	81	-0.01	11.24
3	M	tertiary butyl alcohol	0.995	0.959	3.6	91	0.00	7.49
4	I	pentafluorobenzene	1.000	1.000	0.0	109	0.00	9.60
5		chlorodifluoromethane	0.535	0.509	4.9	100	-0.01	3.92
6		dichlorodifluoromethane	0.762	0.757	0.7	99	0.00	3.89
7		chloromethane	0.836	0.904	-8.1	119	0.00	4.27
8		vinyl chloride	0.721	0.776	-7.6	112	0.00	4.52
9		bromomethane	0.432	0.386	10.6	101	0.00	5.20
10		chloroethane	0.354	0.369	-4.2	110	0.00	5.36
11		vinyl bromide		----------NA----------				
12		trichlorofluoromethane	0.771	0.803	-4.2	108	-0.02	5.81
13		pentane		----------NA----------				
14		ethyl ether	0.252	0.289	-14.7	126	-0.01	6.22
15		acrolein	0.104	0.110	-5.8	113	0.00	6.52
16		1,1-dichloroethene	0.405	0.460	-13.6	135	-0.01	6.66
17		acetone	0.040	0.046	-15.0	119	-0.01	6.74
18		allyl chloride	0.230	0.287	-24.8#	133	-0.01	7.21
19		acetonitrile	0.045	0.048	-6.7	116	-0.01	7.21
20		iodomethane	0.744	0.828	-11.3	123	-0.02	6.96
21		iso-butyl alcohol	0.019	0.017	10.5	96	-0.02	9.90
22		carbon disulfide	1.423	1.809	-27.1#	143	-0.01	7.07
23		methylene chloride	0.481	0.576	-19.8	135	-0.01	7.41
24		methyl acetate	0.077	0.079	-2.6	108	-0.01	7.19
25		methyl tert butyl ether	1.353	1.580	-16.8	127	-0.01	7.70
26		trans-1,2-dichloroethene	0.447	0.504	-12.8	134	-0.01	7.77
27		di-isopropyl ether	1.545	1.894	-22.6#	130	-0.01	8.29
28		ethyl tert-butyl ether	1.508	1.764	-17.0	122	-0.01	8.76
29		2-butanone	0.053	0.055	-3.8	107	0.00	9.07
30	M	1,1-dichloroethane	0.791	0.982	-24.1#	140	-0.01	8.35
31		chloroprene	0.622	0.691	-11.1	113	-0.01	8.44
32		acrylonitrile	0.183	0.208	-13.7	118	-0.02	7.77
33		vinyl acetate	0.076	0.071	6.6	97	0.00	8.33
34		ethyl acetate	0.067	0.070	-4.5	110	-0.01	9.06
35		2,2-dichloropropane	0.657	0.691	-5.2	121	0.00	9.08
36		cis-1,2-dichloroethene	0.485	0.550	-13.4	129	-0.01	9.09
37		propionitrile	0.070	0.076	-8.6	112	-0.01	9.20
38		methyl acrylate	0.421	0.464	-10.2	114	-0.01	9.14
39		bromochloromethane	0.234	0.255	-9.0	115	0.00	9.42
40		tetrahydrofuran	0.179	0.190	-6.1	116	-0.01	9.43
41		chloroform	0.779	0.897	-15.1	128	-0.01	9.46

5.7.3 5

Continuing Calibration Summary

Job Number: JB6369
Account: TRCCTW TRC
Project: 198 Douglass Street, Brooklyn, NY

Sample: V3D3172-CC3139
Lab FileID: 3D73376.D

Evaluate Continuing Calibration Report

Data File : C:\MSDChem\1\DATA\3D\3D73376.D
Acq On : 16 May 2012 10:22 am
Sample : CC3139-20
Misc : MS29803,V3D3172,W,,,,1
MS Integration Params: lscint.p

Vial: 3
Operator: natet
Inst : MS3D
Multiplr: 1.00

Method : C:\MSDCHEM\1\METHODS\M3D3139.M (RTE Integrator)
Title : Method SW846 8260B, ZB 624 60m x 0.25mm x 1.4 um
Last Update : Wed Apr 25 11:03:49 2012
Response via : Multiple Level Calibration

Min. RRF : 0.010 Min. Rel. Area : 50% Max. R.T. Dev 0.30min
Max. RRF Dev : 20% Max. Rel. Area : 200%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)	R.T.
1	I	Tert Butyl Alcohol-d9	1.000	1.000	0.0	104	-0.02	7.36
2		1,4-dioxane	0.089	0.086	3.4	95	-0.02	11.24
3	M	tertiary butyl alcohol	0.995	1.038	-4.3	103	-0.01	7.48
4	I	pentafluorobenzene	1.000	1.000	0.0	111	-0.01	9.59
5		chlorodifluoromethane	0.535	0.539	-0.7	120	-0.02	3.91
6		dichlorodifluoromethane	0.762	0.723	5.1	106	0.00	3.89
7		chloromethane	0.836	0.903	-8.0	123	-0.01	4.26
8		vinyl chloride	0.721	0.763	-5.8	117	-0.02	4.51
9		bromomethane	0.432	0.431	0.2	109	0.00	5.19
10		chloroethane	0.354	0.350	1.1	109	-0.01	5.36
11		vinyl bromide		----------NA----------				
12		trichlorofluoromethane	0.771	0.789	-2.3	116	-0.03	5.80
13		pentane		----------NA----------				
14		ethyl ether	0.252	0.263	-4.4	117	-0.02	6.22
15		acrolein	0.104	0.106	-1.9	111	-0.02	6.51
16		1,1-dichloroethene	0.405	0.377	6.9	115	-0.02	6.65
17		acetone	0.040	0.043	-7.5	114	-0.02	6.73
18		allyl chloride	0.230	0.241	-4.8	117	-0.02	7.20
19		acetonitrile	0.045	0.051	-13.3	124	-0.02	7.21
20		iodomethane	0.744	0.693	6.9	106	-0.02	6.95
21		iso-butyl alcohol	0.019	0.018	5.3	106	-0.02	9.90
22		carbon disulfide	1.423	1.474	-3.6	122	-0.02	7.06
23		methylene chloride	0.481	0.504	-4.8	119	-0.02	7.41
24		methyl acetate	0.077	0.081	-5.2	113	-0.02	7.18
25		methyl tert butyl ether	1.353	1.441	-6.5	115	-0.02	7.70
26		trans-1,2-dichloroethene	0.447	0.427	4.5	113	-0.02	7.77
27		di-isopropyl ether	1.545	1.898	-22.8#	135	-0.02	8.28
28		ethyl tert-butyl ether	1.508	1.790	-18.7	128	-0.02	8.75
29		2-butanone	0.053	0.052	1.9	109	-0.02	9.06
30	M	1,1-dichloroethane	0.791	0.860	-8.7	123	-0.02	8.35
31		chloroprene	0.622	0.651	-4.7	121	-0.02	8.44
32		acrylonitrile	0.183	0.193	-5.5	108	-0.02	7.76
33		vinyl acetate	0.076	0.074	2.6	107	-0.02	8.32
34		ethyl acetate	0.067	0.073	-9.0	116	-0.01	9.06
35		2,2-dichloropropane	0.657	0.687	-4.6	126	-0.01	9.08
36		cis-1,2-dichloroethene	0.485	0.481	0.8	114	-0.02	9.09
37		propionitrile	0.070	0.072	-2.9	107	-0.02	9.19
38		methyl acrylate	0.421	0.430	-2.1	108	-0.02	9.14
39		bromochloromethane	0.234	0.235	-0.4	106	-0.02	9.41
40		tetrahydrofuran	0.179	0.188	-5.0	112	-0.01	9.43
41		chloroform	0.779	0.795	-2.1	116	-0.02	9.46

5.7.4 5

Continuing Calibration Summary

Job Number: JB6369
Account: TRCCTW TRC
Project: 198 Douglass Street, Brooklyn, NY

Sample: V3D3172-CC3139
Lab FileID: 3D73376.D

99	bromobenzene	0.734	0.698	4.9	106	0.00	15.00
	----------	True	Calc.	% Drift	----------		
100	cyclohexanone	200.000	591.359	-195.7#	317	-0.01	14.79
	----------	AvgRF	CCRF	% Dev	----------		
101	1,1,2,2-tetrachloroethane	0.885	0.794	10.3	97	-0.01	14.92
102	trans-1,4-dichloro-2-bute	0.212	0.158	25.5#	83	0.00	14.96
103	1,2,3-trichloropropane	0.193	0.177	8.3	95	0.00	15.00
104	n-propylbenzene	3.137	3.127	0.3	113	0.00	15.00
105	4-Ethyltoluene		----------NA----------				
106	2-chlorotoluene	0.627	0.613	2.2	109	0.00	15.15
107	4-chlorotoluene	0.643	0.617	4.0	106	0.00	15.25
108	1,3,5-trimethylbenzene	2.239	2.172	3.0	109	0.00	15.14
109	tert-butylbenzene	1.810	1.766	2.4	109	-0.01	15.49
110	pentachloroethane	0.442	0.408	7.7	100	-0.01	15.59
111	1,2,4-trimethylbenzene	2.129	2.219	-4.2	111	-0.01	15.54
112	sec-butylbenzene	2.796	2.606	6.8	104	0.00	15.70
113	1,3-dichlorobenzene	1.332	1.288	3.3	107	0.00	15.90
114	p-isopropyltoluene	2.207	2.153	2.4	108	0.00	15.82
115	1,4-dichlorobenzene	1.429	1.334	6.6	108	0.00	15.98
116	1,2-dichlorobenzene	1.405	1.304	7.2	105	0.00	16.36
117	1,4-Diethylbenzene		----------NA----------				
118	n-butylbenzene	1.225	1.260	-2.9	115	0.00	16.22
119	1,2,4,5-Tetramethylbenzen		----------NA----------				
120	1,2-dibromo-3-chloropropa	0.174	0.123	29.3#	77	-0.01	17.10
121	1,3,5-trichlorobenzene	1.180	1.086	8.0	106	0.00	17.25
122	1,2,4-trichlorobenzene	1.116	1.028	7.9	103	0.00	17.83
123	hexachlorobutadiene	0.559	0.523	6.4	109	0.00	17.92
124	naphthalene	2.481	2.174	12.4	90	-0.01	18.09
125	1,2,3-trichlorobenzene	0.991	0.945	4.6	101	0.00	18.32
126	hexachloroethane	0.517	0.439	15.1	98	0.00	16.59
127	Benzyl chloride	1.678	1.617	3.6	105	0.00	16.10

(#) = Out of Range SPCC's out = 0 CCC's out = 0

3D72584.D M3D3139.M Wed May 16 16:51:06 2012 RPT1

5.7.4 5

Continuing Calibration Summary

Job Number: JB5733
Account: TRCCTW TRC
Project: 198 Douglass Street, Brooklyn, NY

Sample: V4B791-CC781
Lab FileID: 4B18016.D

Evaluate Continuing Calibration Report

Data File : C:\MSDChem\1\DATA\4B18016.D
Acq On : 10 May 2012 9:34 pm
Sample : CC781-50
Misc : MS29298,V4B791,W,,,,1
MS Integration Params: RTEINT.P

Vial: 27
Operator: tamikag
Inst : MS4B
Multiplr: 1.00

Method : C:\MSDCHEM\1\METHODS\M4B781.M (RTE Integrator)
Title : Method SW846 8260B, ZB624 60mx0.25mmx1.4um
Last Update : Fri May 11 09:42:47 2012
Response via : Multiple Level Calibration

Min. RRF : 0.010 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 20% Max. Rel. Area : 200%

	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)	R.T.
1	tert butyl alcohol-d9	1.000	1.000	0.0	111	0.00	6.69
2 M	tertiary butyl alcohol	1.094	1.126	-2.9	118	0.00	6.79
3 M	1,4-dioxane	0.106	0.110	-3.8	120	0.00	10.19
4 I	pentafluorobenzene	1.000	1.000	0.0	103	0.00	8.64
5 M	chlorodifluoromethane	0.446	0.469	-5.2	113	0.00	3.78
6 M	dichlorodifluoromethane	0.653	0.550	15.8	88	0.00	3.76
7 M	chloromethane	0.617	0.655	-6.2	107	0.00	4.05
8 M	vinyl chloride	0.521	0.531	-1.9	101	0.00	4.28
	----------	True	Calc.	% Drift	----------		
9 M	bromomethane	50.000	63.985	-28.0#	127	0.00	4.85
	----------	AvgRF	CCRF	% Dev	----------		
10 M	chloroethane	0.210	0.239	-13.8	124	0.00	4.99
	----------	True	Calc.	% Drift	----------		
11	vinyl bromide		----------NA----------				
	----------	AvgRF	CCRF	% Dev	----------		
12 M	trichlorofluoromethane	0.609	0.574	5.7	94	0.00	5.39
13	1,3-butadiene		----------NA----------				
14	Pentane		----------NA----------				
15 M	ethyl ether	0.226	0.232	-2.7	106	0.00	5.71
16	2-chloropropane	0.758	0.730	3.7	103	0.00	5.91
17 M	acrolein	0.105	0.108	-2.9	112	0.00	5.99
18 M	1,1-dichloroethene	0.360	0.342	5.0	98	0.00	6.10
19 M	acetone	0.039	0.043	-10.3	112	0.00	6.17
20 M	allyl chloride	0.249	0.252	-1.2	103	0.00	6.56
21 M	acetonitrile	0.048	0.053	-10.4	124	0.00	6.59
22 M	iodomethane	0.768	0.725	5.6	99	0.00	6.37
23 M	carbon disulfide	1.359	1.284	5.5	99	0.00	6.47
24 M	methylene chloride	0.446	0.452	-1.3	105	0.00	6.74
25 M	methyl acetate	0.073	0.088	-20.5#	123	0.00	6.55
26	1-chloropropane	0.800	0.750	6.3	105	0.00	6.75
27 M	methyl tert butyl ether	1.320	1.311	0.7	104	0.00	6.97
28 M	trans-1,2-dichloroethene	0.401	0.390	2.7	101	0.00	7.04
29 M	di-isopropyl ether	1.538	1.731	-12.5	120	0.00	7.47
30 M	2-butanone	0.052	0.058	-11.5	110	0.00	8.18
31 M	1,1-dichloroethane	0.767	0.785	-2.3	107	0.00	7.55
32 M	chloroprene	0.606	0.628	-3.6	112	0.00	7.63
33 M	acrylonitrile	0.180	0.201	-11.7	115	0.00	7.05

Raw Data: E191356.D

Continuing Calibration Summary

Job Number: JB5733
Account: TRCCTW TRC
Project: 198 Douglass Street, Brooklyn, NY

Sample: VE8416-CC8348
Lab FileID: E191356.D

Evaluate Continuing Calibration Report

Data File : C:\msdchem\1\DATA\E191356.D
Acq On : 16 May 2012 9:17 am
Sample : CC8348-20
Misc : MS29856,VE8416,5,,100,5,1
MS Integration Params: RTEINT.P

Vial: 2
Operator: oksanat
Inst : MSE
Multiplr: 1.00

Method : C:\MSDCHEM\1\METHODS\ME8348.M (RTE Integrator)
Title : SW846 8260B,ZB624 60m x 0.25mm x 1.4um
Last Update : Thu Apr 05 16:33:47 2012
Response via : Multiple Level Calibration

Min. RRF : 0.010 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 20% Max. Rel. Area : 200%

	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)	R.T.
1	Tert Butyl Alcohol-d9	1.000	1.000	0.0	82	0.00	7.72
2 M	1,4-dioxane	0.088	0.114	-29.5#	95	0.00	11.58
3 M	tertiary butyl alcohol	1.100	1.188	-8.0	81	0.00	7.84
4	ethanol			----------NA----------			
5 I	pentafluorobenzene	1.000	1.000	0.0	89	0.00	9.95
6	freon 23			----------NA----------			
7	freon 115			----------NA----------			
8	freon 143a			----------NA----------			
9	freon 152a			----------NA----------			
10 M	chlorotrifluoroethene			----------NA----------			
11 M	chlorodifluoromethane	0.422	0.429	-1.7	88	0.00	4.37
12 M	dichlorodifluoromethane	0.595	0.673	-13.1	92	0.00	4.35
13	freon 114			----------NA----------			
14	freon 142b			----------NA----------			
15 M	chloromethane	0.673	0.706	-4.9	93	-0.01	4.69
16 M	vinyl chloride	0.567	0.610	-7.6	89	-0.01	4.96
17 M	acetaldehyde			----------NA----------			
18 M	bromomethane	0.372	0.388	-4.3	90	0.00	5.63
19 M	chloroethane	0.296	0.309	-4.4	88	0.00	5.81
20 M	vinyl bromide			----------NA----------			
21 M	trichlorofluoromethane	0.664	0.725	-9.2	90	0.00	6.32
22 M	pentane			----------NA----------			
23 M	ethyl ether	0.254	0.257	-1.2	88	0.00	6.69
24	freon 141b			----------NA----------			
25	freon 123a			----------NA----------			
26	freon 123			----------NA----------			
27 m	2-chloropropane	0.717	0.751	-4.7	85	0.00	6.89
28 M	acrolein	0.092	0.095	-3.3	90	0.00	6.90
29 M	1,1-dichloroethene	0.386	0.397	-2.8	84	0.00	7.13
30 M	isopropyl alcohol			----------NA----------			
31 M	acetone	0.040	0.038	5.0	77	0.00	7.11
32 M	allyl chloride	0.684	0.699	-2.2	84	0.00	7.62
33 M	acetonitrile	0.028	0.030	-7.1	97	0.00	7.52
34 M	iodomethane	0.825	0.891	-8.0	87	0.00	7.40
	----------	True	Calc.	% Drift	----------		
35 M	iso-butyl alcohol	200.000	169.916	15.0	73	0.00	10.26
	----------	AvgRF	CCRF	% Dev	----------		
36 M	carbon disulfide	1.183	1.299	-9.8	87	0.00	7.56
37 M	methylene chloride	0.437	0.464	-6.2	91	0.00	7.80

5.9.7 C

Raw Data: Y122687.D

Continuing Calibration Summary

Job Number: JB5733
Account: TRCCTW TRC
Project: 198 Douglass Street, Brooklyn, NY

Sample: VY5263-CC5252
Lab FileID: Y122687.D

Evaluate Continuing Calibration Report

Data File : C:\MSDChem\1\DATA\Y122687.D
Acq On : 8 May 2012 10:15 am
Sample : CC5252-20
Misc : MS28551,VY5263,5.0,,,,1
MS Integration Params: RTEINT.P

Vial: 3
Operator: RobertS
Inst : MSY
Multiplr: 1.00

Method : C:\MSDCHEM\1\METHODS\MYS5252.M (RTE Integrator)
Title : Method SW846 8260B, ZB624 60m x 0.25mm x 1.4um
Last Update : Fri May 04 14:44:51 2012
Response via : Multiple Level Calibration

Min. RRF : 0.010 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 20% Max. Rel. Area : 200%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)	R.T.
1	I	Tert Butyl Alcohol-d9	1.000	1.000	0.0	109	0.00	7.68
2		1,4-dioxane	0.105	0.107	-1.9	101	0.00	11.49
3		tertiary butyl alcohol	1.190	1.205	-1.3	104	0.00	7.79
4	I	pentafluorobenzene	1.000	1.000	0.0	101	0.00	9.85
5		freon 141b		----------NA----------				
6		freon 142b		----------NA----------				
7		freon 143a		----------NA----------				
8		chlorodifluoromethane	0.286	0.314	-9.8	113	0.00	4.20
9		dichlorodifluoromethane	0.406	0.310	23.6#	83	0.00	4.17
10		chloromethane	0.467	0.395	15.4	87	0.00	4.52
11		vinyl chloride	0.385	0.373	3.1	100	0.00	4.79
12		bromomethane	0.314	0.293	6.7	95	0.00	5.48
13		chloroethane	0.223	0.216	3.1	101	0.00	5.66
14		Vinyl Bromide		----------NA----------				
15		trichlorofluoromethane	0.473	0.468	1.1	105	0.00	6.08
16		ethyl ether	0.215	0.217	-0.9	108	0.00	6.51
17		2-chloropropane	0.126	0.144	-14.3	114	0.00	6.74
18		acrolein	0.061	0.083	-36.1#	148	0.00	6.85
19		1,1-dichloroethene	0.456	0.498	-9.2	108	0.00	6.96
20		acetone	0.028	0.025	10.7	88	0.00	7.07
21		allyl chloride	0.191	0.213	-11.5	109	0.00	7.50
22		acetonitrile	0.031	0.031	0.0	103	0.01	7.56
23		iodomethane	0.628	0.694	-10.5	108	0.00	7.26
24		iso-butyl alcohol	0.012	0.011	8.3	102	0.00	10.17
25		carbon disulfide	0.957	1.099	-14.8	116	0.00	7.37
26		1-chloropropane	0.025	0.030	-20.0	114	0.00	7.72
27		methylene chloride	0.411	0.429	-4.4	96	0.00	7.71
28		methyl acetate	0.046	0.051	-10.9	118	0.00	7.50
29		methyl tert butyl ether	1.135	1.164	-2.6	107	0.00	7.99
30		trans-1,2-dichloroethene	0.346	0.383	-10.7	110	0.00	8.05
31		di-isopropyl ether	1.206	1.233	-2.2	105	0.00	8.55
32		ethyl tert-butyl ether	1.251	1.260	-0.7	104	0.00	9.01
33		2-butanone	0.038	0.042	-10.5	112	0.00	9.35
34		1,1-dichloroethane	0.620	0.686	-10.6	108	0.00	8.63
35		chloroprene	0.452	0.496	-9.7	111	0.00	8.72
36		acrylonitrile	0.096	0.117	-21.9#	121	0.00	8.09
37		vinyl acetate	0.054	0.046	14.8	96	0.00	8.61
38		ethyl acetate	0.041	0.040	2.4	104	0.00	9.34
39		2,2-dichloropropane	0.497	0.539	-8.5	110	0.00	9.36
40		cis-1,2-dichloroethene	0.412	0.449	-9.0	108	0.00	9.37
41		propionitrile	0.040	0.050	-25.0#	121	0.00	9.50

5.9.10 5

Continuing Calibration Summary

Job Number: JB5733
Account: TRCCTW TRC
Project: 198 Douglass Street, Brooklyn, NY

Sample: VY5263-CC5252
Lab FileID: Y122687.D

42		bromochloromethane	0.211	0.239	-13.3	114	0.00	9.69
43		tetrahydrofuran	0.105	0.124	-18.1	120	0.00	9.71
44		chloroform	0.696	0.737	-5.9	108	0.00	9.73
45		tert-Butyl Formate	0.148	0.216	-45.9#	176	0.00	9.74
46	S	dibromofluoromethane (s)	0.351	0.347	1.1	101	0.00	9.94
47	S	1,2-dichloroethane-d4 (s)	0.383	0.338	11.7	89	0.00	10.36
48		freon 113	0.227	0.272	-19.8	129	0.00	6.89
49		methacrylonitrile	0.122	0.142	-16.4	117	0.00	9.65
50		1,1,1-trichloroethane	0.506	0.566	-11.9	113	0.00	9.96
51		Cyclohexane	0.418	0.502	-20.1#	128	0.00	9.99
52		2,2,4-trimethylpentane	1.026	1.175	-14.5	124	0.00	10.33
53		tert-amyl methyl ether	1.142	1.137	0.4	104	0.00	10.40
54	I	1,4-difluorobenzene	1.000	1.000	0.0	103	0.00	10.77
55		epichlorohydrin	0.022	0.022	0.0	109	0.00	12.04
56		n-butyl alcohol	0.007	0.006#	14.3	102	0.00	10.92
57		carbon tetrachloride	0.313	0.361	-15.3	120	0.00	10.14
58		1,1-dichloropropene	0.308	0.345	-12.0	114	0.00	10.13
			True	Calc.	% Drift			
59		hexane	20.000	22.180	-10.9	122	0.00	8.29
			AvgRF	CCRF	% Dev			
60		Tert Amyl Alcohol		NA				
61		benzene	1.014	1.107	-9.2	110	0.00	10.40
62		heptane	0.145	0.170	-17.2	127	0.00	10.50
63		isopropyl acetate	0.092	0.099	-7.6	103	0.00	10.30
64		1,2-dichloroethane	0.355	0.384	-8.2	108	0.00	10.45
65		trichloroethene	0.256	0.289	-12.9	112	0.00	11.10
66		ethyl acrylate		NA				
67		2-nitropropane	0.081	0.101	-24.7#	127	0.00	11.90
68		2-chloroethyl vinyl ether	0.075	0.141	-88.0#	195	0.00	11.88
69		methyl methacrylate	0.160	0.185	-15.6	114	0.00	11.35
70		1,2-dichloropropane	0.264	0.301	-14.0	113	0.00	11.38
71		methylcyclohexane	0.342	0.405	-18.4	127	0.00	11.27
72		Tert-amyl ethyl ether		NA				
73		dibromomethane	0.165	0.194	-17.6	116	0.00	11.55
74		bromodichloromethane	0.384	0.437	-13.8	113	0.00	11.67
75		cis-1,3-dichloropropene	0.456	0.515	-12.9	111	0.00	12.10
76	S	toluene-d8 (s)	0.885	0.955	-7.9	109	0.00	12.36
77		4-methyl-2-pentanone	0.094	0.117	-24.5#	121	0.00	12.19
78		toluene	1.110	1.238	-11.5	111	0.00	12.43
79		3-methyl-1-butanol	0.007	0.006#	14.3	106	0.00	12.21
80		trans-1,3-dichloropropene	0.405	0.461	-13.8	112	0.00	12.66
81		ethyl methacrylate	0.329	0.362	-10.0	108	0.00	12.61
82		1,1,2-trichloroethane	0.201	0.240	-19.4	115	0.00	12.87
83		2-hexanone	0.094	0.112	-19.1	114	0.00	13.02
84	I	chlorobenzene-d5	1.000	1.000	0.0	106	0.00	13.85
85		tetrachloroethene	0.335	0.375	-11.9	114	0.00	12.99
86		1,3-dichloropropane	0.433	0.497	-14.8	115	0.00	13.05
87		butyl acetate	0.167	0.176	-5.4	108	0.00	13.06
88		dibromochloromethane	0.343	0.394	-14.9	113	0.00	13.31
89		1,2-dibromoethane	0.280	0.325	-16.1	116	0.00	13.46
90		3,3-Dimethyl-1-Butanol	0.026	0.025	3.8	106	0.00	13.19
91		chlorobenzene	0.862	0.956	-10.9	111	0.00	13.88
92		1,1,1,2-tetrachloroethane	0.316	0.355	-12.3	108	0.00	13.94
93		ethylbenzene	1.345	1.505	-11.9	112	0.00	13.92
94		m,p-xylene	0.520	0.581	-11.7	111	0.00	14.02
95		o-xylene	0.542	0.597	-10.1	108	0.00	14.43

5.9.10 5

Raw Data: Y122710.D

Continuing Calibration Summary

Job Number: JB5733
Account: TRCCTW TRC
Project: 198 Douglass Street, Brooklyn, NY

Sample: VY5264-CC5252
Lab FileID: Y122710.D

Evaluate Continuing Calibration Report

Data File : C:\MSDChem\1\DATA\Y122710.D
Acq On : 8 May 2012 10:30 pm
Sample : CC5252-50
Misc : MS29480,VY5264,5.0,,100,5,1
MS Integration Params: RTEINT.P

Vial: 26
Operator: RobertS
Inst : MSY
Multiplr: 1.00

Method : C:\MSDCHEM\1\METHODS\MYS5252.M (RTE Integrator)
Title : Method SW846 8260B, ZB624 60m x 0.25mm x 1.4um
Last Update : Fri May 04 14:44:51 2012
Response via : Multiple Level Calibration

Min. RRF : 0.010 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 20% Max. Rel. Area : 200%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)	R.T.
1	I	Tert Butyl Alcohol-d9	1.000	1.000	0.0	113	0.00	7.68
2		1,4-dioxane	0.105	0.105	0.0	103	0.00	11.49
3		tertiary butyl alcohol	1.190	1.235	-3.8	108	0.00	7.79
4	I	pentafluorobenzene	1.000	1.000	0.0	116	0.00	9.85
5		freon 141b		----------NA----------				
6		freon 142b		----------NA----------				
7		freon 143a		----------NA----------				
8		chlorodifluoromethane	0.286	0.295	-3.1	123	0.00	4.20
9		dichlorodifluoromethane	0.406	0.314	22.7#	94	0.00	4.17
10		chloromethane	0.467	0.405	13.3	107	0.00	4.53
11		vinyl chloride	0.385	0.361	6.2	115	0.00	4.79
12		bromomethane	0.314	0.281	10.5	115	0.00	5.48
13		chloroethane	0.223	0.213	4.5	122	0.00	5.65
14		Vinyl Bromide	0.254	0.290	-14.2	143	0.00	6.01
15		trichlorofluoromethane	0.473	0.462	2.3	121	0.00	6.10
16		ethyl ether	0.215	0.234	-8.8	129	0.00	6.51
17		2-chloropropane	0.126	0.137	-8.7	130	0.00	6.74
18		acrolein	0.061	0.066	-8.2	129	0.00	6.84
19		1,1-dichloroethene	0.456	0.464	-1.8	122	0.00	6.96
20		acetone	0.028	0.025	10.7	112	0.00	7.07
21		allyl chloride	0.191	0.208	-8.9	128	0.00	7.50
22		acetonitrile	0.031	0.028	9.7	116	0.00	7.55
23		iodomethane	0.628	0.712	-13.4	131	0.00	7.26
24		iso-butyl alcohol	0.012	0.010	16.7	104	0.00	10.17
25		carbon disulfide	0.957	1.012	-5.7	128	0.00	7.37
26		1-chloropropane	0.025	0.027	-8.0	130	0.00	7.71
27		methylene chloride	0.411	0.432	-5.1	124	0.00	7.71
28		methyl acetate	0.046	0.053	-15.2	128	0.00	7.49
29		methyl tert butyl ether	1.135	1.196	-5.4	124	0.00	7.98
30		trans-1,2-dichloroethene	0.346	0.364	-5.2	129	0.00	8.05
31		di-isopropyl ether	1.206	1.216	-0.8	119	0.00	8.55
32		ethyl tert-butyl ether	1.251	1.276	-2.0	118	0.00	9.01
33		2-butanone	0.038	0.038	0.0	118	0.00	9.35
34		1,1-dichloroethane	0.620	0.655	-5.6	126	0.00	8.63
35		chloroprene	0.452	0.439	2.9	118	0.00	8.72
36		acrylonitrile	0.096	0.105	-9.4	122	0.00	8.08
37		vinyl acetate	0.054	0.051	5.6	107	0.00	8.61
38		ethyl acetate	0.041	0.041	0.0	116	0.00	9.34
39		2,2-dichloropropane	0.497	0.500	-0.6	125	0.00	9.35
40		cis-1,2-dichloroethene	0.412	0.445	-8.0	128	0.00	9.37
41		propionitrile	0.040	0.043	-7.5	122	0.00	9.50

C 5.9.11

Raw Data: Y122690.D Y122691.D

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: JB5733
Account: TRCCTW TRC
Project: 198 Douglass Street, Brooklyn, NY

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
JB5733-8MS	Y122690.D	1	05/08/12	RS	n/a	n/a	VY5263
JB5733-8MSD	Y122691.D	1	05/08/12	RS	n/a	n/a	VY5263
JB5733-8	Y122693.D	1	05/08/12	RS	n/a	n/a	VY5263

198DS-SB-5

C.4.1

C

The QC reported here applies to the following samples: Method: SW846 8260B

JB5733-2, JB5733-5, JB5733-7, JB5733-8, JB5733-9

CAS No.	Compound	JB5733-8 ug/kg	Q	Spike ug/kg	MS ug/kg	MS %	MSD ug/kg	MSD %	RPD	Limits Rec/RPD
67-64-1	Acetone	ND		53.9	120	223* a	81.7	186	27	12-189/33
71-43-2	Benzene	ND		53.9	49.8	92	44.1	89	12	37-132/21
74-97-5	Bromochloromethane	ND		53.9	54.6	101	46.7	94	16	43-136/20
75-27-4	Bromodichloromethane	ND		53.9	53.8	100	48.9	99	10	34-148/21
75-25-2	Bromoform	ND		53.9	62.4	116	53.7	109	15	23-153/23
74-83-9	Bromomethane	ND		53.9	28.9	54	28.5	58	1	10-150/27
78-93-3	2-Butanone (MEK)	ND		53.9	91.0	169	72.2	146	23	21-179/29
75-15-0	Carbon disulfide	ND		53.9	54.0	100	46.5	94	15	25-139/24
56-23-5	Carbon tetrachloride	ND		53.9	54.0	100	47.9	97	12	25-156/24
108-90-7	Chlorobenzene	ND		53.9	49.5	92	46.4	94	6	25-140/24
75-00-3	Chloroethane	ND		53.9	31.8	59	30.8	62	3	15-143/26
67-66-3	Chloroform	ND		53.9	49.8	92	44.0	89	12	42-134/21
74-87-3	Chloromethane	ND		53.9	28.2	52	27.3	55	3	33-134/25
110-82-7	Cyclohexane	ND		53.9	61.1	113	53.4	108	13	15-147/28
96-12-8	1,2-Dibromo-3-chloropropane	ND		53.9	64.4	119	50.9	103	23	15-154/28
124-48-1	Dibromochloromethane	ND		53.9	57.4	106	52.1	105	10	28-150/22
106-93-4	1,2-Dibromoethane	ND		53.9	56.6	105	49.8	101	13	34-141/21
95-50-1	1,2-Dichlorobenzene	ND		53.9	54.3	101	49.7	101	9	10-147/28
541-73-1	1,3-Dichlorobenzene	ND		53.9	51.7	96	48.2	98	7	10-148/28
106-46-7	1,4-Dichlorobenzene	ND		53.9	50.8	94	47.4	96	7	10-144/28
75-71-8	Dichlorodifluoromethane	ND		53.9	27.0	50	26.8	54	1	18-162/26
75-34-3	1,1-Dichloroethane	ND		53.9	53.6	99	46.8	95	14	44-131/21
107-06-2	1,2-Dichloroethane	ND		53.9	51.1	95	44.6	90	14	39-144/20
75-35-4	1,1-Dichloroethene	ND		53.9	55.9	104	48.6	98	14	37-135/23
156-59-2	cis-1,2-Dichloroethene	ND		53.9	51.4	95	45.2	91	13	38-134/21
156-60-5	trans-1,2-Dichloroethene	ND		53.9	51.7	96	45.0	91	14	35-133/23
78-87-5	1,2-Dichloropropane	ND		53.9	53.7	100	47.7	97	12	41-132/20
10061-01-5	cis-1,3-Dichloropropene	ND		53.9	53.4	99	47.6	96	11	31-141/23
10061-02-6	trans-1,3-Dichloropropene	ND		53.9	54.3	101	48.3	98	12	29-146/24
123-91-1	1,4-Dioxane	ND		1350	1130	84	1170	95	3	38-162/31
100-41-4	Ethylbenzene	ND		53.9	49.8	92	46.7	94	6	20-144/25
76-13-1	Freon 113	ND		53.9	46.8	87	46.8	95	0	22-155/26
591-78-6	2-Hexanone	ND		53.9	89.2	165	68.5	139	26	15-172/30
98-82-8	Isopropylbenzene	ND		53.9	54.0	100	51.4	104	5	14-146/27
79-20-9	Methyl Acetate	ND		53.9	60.7	113	50.1	101	19	24-178/31
108-87-2	Methylcyclohexane	ND		53.9	46.2	86	46.7	94	1	10-157/29

Raw Data: 3D73356.D 3D73357.D

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: JB6369
Account: TRCCTW TRC
Project: 198 Douglass Street, Brooklyn, NY

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
JB6369-6MS	3D73356.D	1	05/16/12	NT	n/a	n/a	V3D3171
JB6369-6MSD	3D73357.D	1	05/16/12	NT	n/a	n/a	V3D3171
JB6369-6	3D73359.D	1	05/16/12	NT	n/a	n/a	V3D3171

198 DS-MW-4

5.3.1 5

The QC reported here applies to the following samples: Method: SW846 8260B

JB6369-1, JB6369-2, JB6369-3, JB6369-4, JB6369-6

CAS No.	Compound	JB6369-6 ug/l	Q	Spike ug/l	MS ug/l	MS %	MSD ug/l	MSD %	RPD	Limits Rec/RPD
67-64-1	Acetone	ND		50	62.1	124	63.3	127	2	39-150/20
71-43-2	Benzene	ND		50	63.4	127	65.0	130	2	40-139/12
74-97-5	Bromochloromethane	ND		50	58.0	116	59.9	120	3	67-134/12
75-27-4	Bromodichloromethane	ND		50	58.4	117	57.9	116	1	68-135/12
75-25-2	Bromoform	ND		50	50.9	102	52.2	104	3	55-141/14
74-83-9	Bromomethane	ND		50	52.6	105	53.7	107	2	49-145/16
78-93-3	2-Butanone (MEK)	ND		50	55.9	112	56.4	113	1	55-141/15
75-15-0	Carbon disulfide	ND		50	71.4	143	70.9	142	1	23-153/19
56-23-5	Carbon tetrachloride	ND		50	62.6	125	64.1	128	2	52-155/16
108-90-7	Chlorobenzene	ND		50	58.0	116	59.1	118	2	66-129/11
75-00-3	Chloroethane	ND		50	65.5	131	66.3	133	1	50-140/16
67-66-3	Chloroform	ND		50	63.1	126	64.9	130	3	63-133/13
74-87-3	Chloromethane	ND		50	60.4	121	62.5	125	3	43-138/17
110-82-7	Cyclohexane	ND		50	65.8	132	65.6	131	0	35-151/17
96-12-8	1,2-Dibromo-3-chloropropane	ND		50	40.1	80	43.0	86	7	57-142/14
124-48-1	Dibromochloromethane	ND		50	53.9	108	52.7	105	2	64-136/12
106-93-4	1,2-Dibromoethane	ND		50	52.5	105	51.7	103	2	69-132/11
95-50-1	1,2-Dichlorobenzene	ND		50	54.6	109	55.7	111	2	69-129/11
541-73-1	1,3-Dichlorobenzene	ND		50	57.7	115	59.3	119	3	66-130/12
106-46-7	1,4-Dichlorobenzene	ND		50	54.9	110	56.1	112	2	66-127/12
75-71-8	Dichlorodifluoromethane	ND		50	53.2	106	51.4	103	3	31-166/20
75-34-3	1,1-Dichloroethane	ND		50	68.6	137* a	71.1	142* a	4	58-132/13
107-06-2	1,2-Dichloroethane	ND		50	55.6	111	56.1	112	1	62-145/12
75-35-4	1,1-Dichloroethene	ND		50	64.8	130	66.7	133	3	43-142/17
156-59-2	cis-1,2-Dichloroethene	ND		50	62.2	124	64.1	128	3	55-132/12
156-60-5	trans-1,2-Dichloroethene	ND		50	63.0	126	65.2	130	3	53-132/14
78-87-5	1,2-Dichloropropane	ND		50	63.6	127	61.4	123	4	65-128/12
10061-01-5	cis-1,3-Dichloropropene	ND		50	58.6	117	58.6	117	0	66-130/12
10061-02-6	trans-1,3-Dichloropropene	ND		50	53.9	108	55.5	111	3	64-135/13
123-91-1	1,4-Dioxane	ND		1250	1240	99	1230	98	1	49-152/24
100-41-4	Ethylbenzene	ND		50	60.7	121	62.2	124	2	40-140/12
76-13-1	Freon 113	ND		50	58.1	116	57.8	116	1	38-159/18
591-78-6	2-Hexanone	ND		50	51.6	103	45.0	90	14	56-140/17
98-82-8	Isopropylbenzene	ND		50	64.9	130	65.6	131	1	56-138/13
79-20-9	Methyl Acetate	ND		50	49.8	100	50.5	101	1	42-144/17
108-87-2	Methylcyclohexane	ND		50	59.7	119	55.1	110	8	36-152/17

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: JB6369
Account: TRCCTW TRC
Project: 198 Douglass Street, Brooklyn, NY

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
JB6369-6MS	3D73356.D	1	05/16/12	NT	n/a	n/a	V3D3171
JB6369-6MSD	3D73357.D	1	05/16/12	NT	n/a	n/a	V3D3171
JB6369-6	3D73359.D	1	05/16/12	NT	n/a	n/a	V3D3171

198 DS-MW-4

The QC reported here applies to the following samples: Method: SW846 8260B

JB6369-1, JB6369-2, JB6369-3, JB6369-4, JB6369-6

CAS No.	Compound	JB6369-6 ug/l	Q	Spike ug/l	MS ug/l	MS %	MSD ug/l	MSD %	RPD	Limits Rec/RPD
1634-04-4	Methyl Tert Butyl Ether	ND		50	61.5	123	62.9	126	2	54-136/12
108-10-1	4-Methyl-2-pentanone(MIBK)	ND		50	55.7	111	54.9	110	1	61-138/14
75-09-2	Methylene chloride	ND		50	63.4	127	65.3	131* [a]	3	60-130/13
100-42-5	Styrene	ND		50	63.3	127	65.7	131	4	59-132/13
79-34-5	1,1,2,2-Tetrachloroethane	ND		50	50.1	100	52.0	104	4	65-128/12
127-18-4	Tetrachloroethene	ND		50	56.9	114	58.8	118	3	52-143/15
108-88-3	Toluene	ND		50	60.9	122	62.7	125	3	47-140/12
87-61-6	1,2,3-Trichlorobenzene	ND		50	47.5	95	48.3	97	2	62-137/14
120-82-1	1,2,4-Trichlorobenzene	ND		50	50.0	100	50.7	101	1	64-136/14
71-55-6	1,1,1-Trichloroethane	ND		50	66.9	134	69.1	138	3	55-146/15
79-00-5	1,1,2-Trichloroethane	ND		50	53.7	107	55.8	112	4	70-129/12
79-01-6	Trichloroethene	ND		50	62.4	125	59.6	119	5	54-142/14
75-69-4	Trichlorofluoromethane	ND		50	58.2	116	58.1	116	0	45-159/19
75-01-4	Vinyl chloride	ND		50	60.3	121	62.9	126	4	42-145/18
	m,p-Xylene	ND		100	124	124	129	129	4	39-141/12
95-47-6	o-Xylene	ND		50	61.5	123	63.6	127	3	51-138/12
1330-20-7	Xylene (total)	ND		150	186	124	192	128	3	42-140/12

CAS No.	Surrogate Recoveries	MS	MSD	JB6369-6	Limits
1868-53-7	Dibromofluoromethane	94%	94%	92%	77-120%
17060-07-0	1,2-Dichloroethane-D4	92%	92%	91%	70-127%
2037-26-5	Toluene-D8	100%	98%	95%	79-120%
460-00-4	4-Bromofluorobenzene	92%	95%	97%	76-118%

(a) Outside control limits due to matrix interference.

Raw Data: 4B18019.D

Blank Spike Summary

Job Number: JB5733
Account: TRCCTW TRC
Project: 198 Douglass Street, Brooklyn, NY

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
V4B791-BS	4B18019.D	1	05/10/12	TYG	n/a	n/a	V4B791

The QC reported here applies to the following samples: Method: SW846 8260B

JB5733-3, JB5733-6

CAS No.	Compound	Spike ug/l	BSP ug/l	BSP %	Limits
67-64-1	Acetone	50	61.7	123	49-142
71-43-2	Benzene	50	55.9	112	76-119
74-97-5	Bromochloromethane	50	53.6	107	77-129
75-27-4	Bromodichloromethane	50	53.2	106	81-133
75-25-2	Bromoform	50	52.1	104	72-139
74-83-9	Bromomethane	50	70.3	141* a	35-140
78-93-3	2-Butanone (MEK)	50	58.6	117	64-132
75-15-0	Carbon disulfide	50	57.1	114	45-149
56-23-5	Carbon tetrachloride	50	56.8	114	74-146
108-90-7	Chlorobenzene	50	54.3	109	79-120
75-00-3	Chloroethane	50	63.6	127	60-134
67-66-3	Chloroform	50	58.0	116	77-127
74-87-3	Chloromethane	50	60.4	121	50-128
110-82-7	Cyclohexane	50	56.3	113	65-128
96-12-8	1,2-Dibromo-3-chloropropane	50	43.8	88	64-137
124-48-1	Dibromochloromethane	50	51.9	104	77-131
106-93-4	1,2-Dibromoethane	50	53.4	107	76-127
95-50-1	1,2-Dichlorobenzene	50	50.1	100	78-123
541-73-1	1,3-Dichlorobenzene	50	52.4	105	77-124
106-46-7	1,4-Dichlorobenzene	50	51.1	102	76-121
75-71-8	Dichlorodifluoromethane	50	51.2	102	41-138
75-34-3	1,1-Dichloroethane	50	58.1	116	74-124
107-06-2	1,2-Dichloroethane	50	53.9	108	71-138
75-35-4	1,1-Dichloroethene	50	57.8	116	68-126
156-59-2	cis-1,2-Dichloroethene	50	55.8	112	78-131
156-60-5	trans-1,2-Dichloroethene	50	55.5	111	64-119
78-87-5	1,2-Dichloropropane	50	56.4	113	76-121
10061-01-5	cis-1,3-Dichloropropene	50	51.0	102	76-123
10061-02-6	trans-1,3-Dichloropropene	50	53.1	106	74-129
123-91-1	1,4-Dioxane	1250	1190	95	54-149
100-41-4	Ethylbenzene	50	55.3	111	77-119
76-13-1	Freon 113	50	50.7	101	64-145
591-78-6	2-Hexanone	50	54.4	109	63-135
98-82-8	Isopropylbenzene	50	54.8	110	74-125
79-20-9	Methyl Acetate	50	55.7	111	54-135
108-87-2	Methylcyclohexane	50	49.4	99	65-134

Blank Spike Summary

Job Number: JB6369
Account: TRCCTW TRC
Project: 198 Douglass Street, Brooklyn, NY

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
V3D3171-BS	3D73355.D	1	05/16/12	NT	n/a	n/a	V3D3171

The QC reported here applies to the following samples: Method: SW846 8260B

JB6369-1, JB6369-2, JB6369-3, JB6369-4, JB6369-6

CAS No.	Compound	Spike ug/l	BSP ug/l	BSP %	Limits
67-64-1	Acetone	50	57.1	114	49-142
71-43-2	Benzene	50	56.5	113	76-119
74-97-5	Bromochloromethane	50	53.0	106	77-129
75-27-4	Bromodichloromethane	50	52.5	105	81-133
75-25-2	Bromoform	50	45.5	91	72-139
74-83-9	Bromomethane	50	48.0	96	55-140
78-93-3	2-Butanone (MEK)	50	51.9	104	64-132
75-15-0	Carbon disulfide	50	62.3	125	45-149
56-23-5	Carbon tetrachloride	50	55.2	110	74-146
108-90-7	Chlorobenzene	50	51.9	104	79-120
75-00-3	Chloroethane	50	59.3	119	60-134
67-66-3	Chloroform	50	59.0	118	77-127
74-87-3	Chloromethane	50	50.6	101	50-128
110-82-7	Cyclohexane	50	56.6	113	65-128
96-12-8	1,2-Dibromo-3-chloropropane	50	39.9	80	64-137
124-48-1	Dibromochloromethane	50	47.6	95	77-131
106-93-4	1,2-Dibromoethane	50	47.0	94	76-127
95-50-1	1,2-Dichlorobenzene	50	48.9	98	78-123
541-73-1	1,3-Dichlorobenzene	50	52.2	104	77-124
106-46-7	1,4-Dichlorobenzene	50	48.9	98	76-121
75-71-8	Dichlorodifluoromethane	50	39.3	79	41-138
75-34-3	1,1-Dichloroethane	50	62.9	126* [a]	74-124
107-06-2	1,2-Dichloroethane	50	51.0	102	71-138
75-35-4	1,1-Dichloroethene	50	56.9	114	68-126
156-59-2	cis-1,2-Dichloroethene	50	55.6	111	78-131
156-60-5	trans-1,2-Dichloroethene	50	55.9	112	64-119
78-87-5	1,2-Dichloropropane	50	56.8	114	76-121
10061-01-5	cis-1,3-Dichloropropene	50	48.1	96	76-123
10061-02-6	trans-1,3-Dichloropropene	50	50.2	100	74-129
123-91-1	1,4-Dioxane	1250	1150	92	54-149
100-41-4	Ethylbenzene	50	52.9	106	77-119
76-13-1	Freon 113	50	51.8	104	64-145
591-78-6	2-Hexanone	50	48.2	96	63-135
98-82-8	Isopropylbenzene	50	55.6	111	74-125
79-20-9	Methyl Acetate	50	48.4	97	54-135
108-87-2	Methylcyclohexane	50	50.5	101	65-134

SUB-SLAB SOIL VAPOR, INDOOR AIR AND AMBIENT AIR ANALYTICAL REPORT

SOIL SAMPLE SUMMARY TABLE AND ANALYTICAL REPORT

GROUNDWATER SAMPLE SUMMARY TABLE AND ANALYTICAL REPORT

(All summary tables and analytical reports presented on CD)

Soil Summary Table - Accutest New Jersey								May 18, 2012 19:02 pm
Job Number:	**JB5733**							
Account:	**TRC**							
Project:	**198 Douglass Street, Brooklyn, NY**							
Project Number:	**191185 PO#44740**							
							Legend:	Hit
Client Sample ID:		**FB050312**	**FB050412**					
Lab Sample ID:		**JB5733-3**	**JB5733-6**					
Date Sampled:		**5/3/2012**	**5/4/2012**					
Matrix:		**Field Blank Soil**	**Field Blank Soil**					
GC/MS Volatiles (SW846 8260B)								
Acetone	ug/l	R	R					
Benzene	ug/l	ND (0.22)	ND (0.22)					
Bromochloromethane	ug/l	ND (0.40)	ND (0.40)					
Bromodichloromethane	ug/l	ND (0.23)	ND (0.23)					
Bromoform	ug/l	ND (0.24)	ND (0.24)					
Bromomethane	ug/l	ND (0.31)	ND (0.31)					
2-Butanone (MEK)	ug/l	ND (2.9)	ND (2.9)					
Carbon disulfide	ug/l	ND (0.18)	ND (0.18)					
Carbon tetrachloride	ug/l	ND (0.19)	ND (0.19)					
Chlorobenzene	ug/l	ND (0.22)	ND (0.22)					
Chloroethane	ug/l	ND (0.37)	ND (0.37)					
Chloroform	ug/l	ND (0.21)	0.44 J					
Chloromethane	ug/l	ND (0.22)	ND (0.22)					
Cyclohexane	ug/l	ND (0.29)	ND (0.29)					
1,2-Dibromo-3-chloropropane	ug/l	ND (1.3)	ND (1.3)					
Dibromochloromethane	ug/l	ND (0.20)	ND (0.20)					
1,2-Dibromoethane	ug/l	ND (0.21)	ND (0.21)					
1,2-Dichlorobenzene	ug/l	ND (0.18)	ND (0.18)					
1,3-Dichlorobenzene	ug/l	ND (0.29)	ND (0.29)					
1,4-Dichlorobenzene	ug/l	ND (0.26)	ND (0.26)					
Dichlorodifluoromethane	ug/l	ND (0.31)	ND (0.31)					
1,1-Dichloroethane	ug/l	ND (0.19)	ND (0.19)					
1,2-Dichloroethane	ug/l	ND (0.18)	ND (0.18)					
1,1-Dichloroethene	ug/l	ND (0.28)	ND (0.28)					
cis-1,2-Dichloroethene	ug/l	ND (0.22)	ND (0.22)					
trans-1,2-Dichloroethene	ug/l	ND (0.31)	ND (0.31)					
1,2-Dichloropropane	ug/l	ND (0.22)	ND (0.22)					
cis-1,3-Dichloropropene	ug/l	ND (0.22)	ND (0.22)					
trans-1,3-Dichloropropene	ug/l	ND (0.19)	ND (0.19)					
1,4-Dioxane	ug/l	ND (72)	ND (72)					
Ethylbenzene	ug/l	ND (0.21)	ND (0.21)					
Freon 113	ug/l	ND (0.49)	ND (0.49)					
2-Hexanone	ug/l	ND (3.0)	ND (3.0)					
Isopropylbenzene	ug/l	ND (0.19)	ND (0.19)					
Methyl Acetate	ug/l	ND (2.9)	ND (2.9)					
Methylcyclohexane	ug/l	ND (0.18)	ND (0.18)					
Methyl Tert Butyl Ether	ug/l	ND (0.18)	ND (0.18)					
4-Methyl-2-pentanone(MIBK)	ug/l	ND (1.2)	ND (1.2)					
Methylene chloride	ug/l	ND (0.20)	ND (0.20)					
Styrene	ug/l	ND (0.23)	ND (0.23)					
1,1,2,2-Tetrachloroethane	ug/l	ND (0.20)	ND (0.20)					
Tetrachloroethene	ug/l	ND (0.32)	ND (0.32)					
Toluene	ug/l	ND (0.15)	ND (0.15)					
1,2,3-Trichlorobenzene	ug/l	ND (0.69)	ND (0.69)					
1,2,4-Trichlorobenzene	ug/l	ND (0.15)	ND (0.15)					
1,1,1-Trichloroethane	ug/l	ND (0.24)	ND (0.24)					
1,1,2-Trichloroethane	ug/l	ND (0.23)	ND (0.23)					
Trichloroethene	ug/l	ND (0.21)	ND (0.21)					
Trichlorofluoromethane	ug/l	ND (0.35)	ND (0.35)					
Vinyl chloride	ug/l	ND (0.27)	ND (0.27)					
m,p-Xylene	ug/l	ND (0.32)	ND (0.32)					
o-Xylene	ug/l	ND (0.17)	ND (0.17)					
Xylene (total)	ug/l	ND (0.17)	ND (0.17)					
GC/MS Volatile TIC								
Total TIC, Volatile	ug/l	255.1 J	0					

Client Sample ID:		198DS-SB-1	198DS-SB-2	198DS-SB-3	198DS-SB-4	198DS-SB-5	198DS-SB-6	198DS-SB-7
Lab Sample ID:		JB5733-1	JB5733-2	JB5733-5	JB5733-7	JB5733-8	JB5733-9	JB5733-4
Date Sampled:		5/3/2012	5/3/2012	5/3/2012	5/4/2012	5/4/2012	5/4/2012	5/3/2012
Matrix:		Soil	Soil	Soil	Soil	Soil	Soil	Soil
GC/MS Volatiles (SW846 8260B)								
Acetone	ug/kg	R	10.8 J	R	R	R	R	R
Benzene	ug/kg	ND (7.2)	ND (0.12)	ND (0.12)	ND (0.13)	ND (0.14)	ND (0.14)	ND (7.1)
Bromochloromethane	ug/kg	ND (28)	ND (0.46)	ND (0.46)	ND (0.49)	ND (0.56)	ND (0.56)	ND (28)
Bromodichloromethane	ug/kg	ND (12)	ND (0.20)	ND (0.20)	ND (0.21)	ND (0.24)	ND (0.24)	ND (12)
Bromoform	ug/kg	ND (41)	ND (0.67)	ND (0.67)	ND (0.71)	ND (0.81)	ND (0.81)	ND (40)
Bromomethane	ug/kg	ND (21)	ND (0.35)	ND (0.35)	ND (0.37)	ND (0.42)	ND (0.42)	ND (21)
2-Butanone (MEK)	ug/kg	R	R	R	R	R	R	R
Carbon disulfide	ug/kg	106 J	ND (0.17)	ND (0.18)	0.55 J	ND (0.21)	ND (0.21)	41.3 J
Carbon tetrachloride	ug/kg	ND (19)	ND (0.31)	ND (0.31)	ND (0.33)	ND (0.37)	ND (0.37)	ND (19)
Chlorobenzene	ug/kg	ND (17)	ND (0.29)	ND (0.29)	ND (0.30)	ND (0.35)	ND (0.35)	ND (17)
Chloroethane	ug/kg	ND (22)	ND (0.36)	ND (0.36)	ND (0.38)	ND (0.44)	ND (0.44)	ND (22)
Chloroform	ug/kg	ND (26)	ND (0.43)	ND (0.43)	ND (0.46)	ND (0.52)	ND (0.52)	ND (26)
Chloromethane	ug/kg	ND (34)	ND (0.56)	ND (0.56)	ND (0.59)	ND (0.67)	ND (0.67)	ND (33)
Cyclohexane	ug/kg	1050	ND (0.34)	ND (0.34)	ND (0.36)	ND (0.41)	ND (0.41)	ND (20)
1,2-Dibromo-3-chloropropane	ug/kg	ND (81)	ND (1.3)	ND (1.3)	ND (1.4)	ND (1.6)	ND (1.6)	ND (81)
Dibromochloromethane	ug/kg	ND (9.0)	ND (0.15)	ND (0.15)	ND (0.16)	ND (0.18)	ND (0.18)	ND (9.0)
1,2-Dibromoethane	ug/kg	ND (13)	ND (0.21)	ND (0.21)	ND (0.22)	ND (0.26)	ND (0.26)	ND (13)
1,2-Dichlorobenzene	ug/kg	ND (15)	ND (0.25)	ND (0.25)	ND (0.26)	ND (0.30)	ND (0.30)	ND (15)
1,3-Dichlorobenzene	ug/kg	ND (10)	ND (0.17)	ND (0.17)	ND (0.18)	ND (0.21)	ND (0.21)	ND (10)
1,4-Dichlorobenzene	ug/kg	ND (9.1)	ND (0.15)	ND (0.15)	ND (0.16)	ND (0.18)	ND (0.18)	ND (9.1)
Dichlorodifluoromethane	ug/kg	ND (17)	ND (0.29)	ND (0.29)	ND (0.30)	ND (0.35)	ND (0.34)	ND (17)
1,1-Dichloroethane	ug/kg	ND (12)	ND (0.19)	ND (0.19)	ND (0.21)	ND (0.24)	ND (0.23)	ND (12)
1,2-Dichloroethane	ug/kg	ND (9.8)	ND (0.16)	ND (0.16)	ND (0.17)	ND (0.20)	ND (0.20)	ND (9.7)
1,1-Dichloroethene	ug/kg	ND (33)	ND (0.55)	ND (0.55)	ND (0.58)	ND (0.66)	ND (0.66)	ND (33)
cis-1,2-Dichloroethene	ug/kg	ND (17)	ND (0.29)	ND (0.29)	ND (0.30)	ND (0.35)	ND (0.35)	ND (17)
trans-1,2-Dichloroethene	ug/kg	ND (23)	ND (0.38)	ND (0.38)	ND (0.40)	ND (0.46)	ND (0.45)	ND (23)
1,2-Dichloropropane	ug/kg	ND (14)	ND (0.24)	ND (0.24)	ND (0.25)	ND (0.29)	ND (0.29)	ND (14)
cis-1,3-Dichloropropene	ug/kg	ND (8.2)	ND (0.14)	ND (0.14)	ND (0.14)	ND (0.16)	ND (0.16)	ND (8.1)
trans-1,3-Dichloropropene	ug/kg	ND (18)	ND (0.30)	ND (0.30)	ND (0.32)	ND (0.36)	ND (0.36)	ND (18)
1,4-Dioxane	ug/kg	ND (3100)	ND (52)	ND (52)	ND (55)	ND (63)	ND (62)	ND (3100)
Ethylbenzene	ug/kg	292	ND (0.13)	ND (0.13)	ND (0.14)	ND (0.16)	ND (0.16)	221
Freon 113	ug/kg	ND (39)	ND (0.64)	ND (0.64)	ND (0.68)	ND (0.77)	ND (0.77)	ND (38)
2-Hexanone	ug/kg	ND (130)	ND (2.2)	ND (2.2)	ND (2.3)	ND (2.7)	ND (2.7)	ND (130)
Isopropylbenzene	ug/kg	3910	ND (0.12)	ND (0.12)	0.49 J	ND (0.15)	ND (0.15)	2930
Methyl Acetate	ug/kg	ND (120)	ND (2.0)	ND (2.0)	ND (2.1)	ND (2.4)	ND (2.4)	ND (120)
Methylcyclohexane	ug/kg	11900	ND (0.22)	ND (0.22)	ND (0.23)	ND (0.26)	ND (0.26)	9130
Methyl Tert Butyl Ether	ug/kg	ND (9.6)	ND (0.16)	ND (0.16)	ND (0.17)	ND (0.19)	ND (0.19)	ND (9.6)
4-Methyl-2-pentanone(MIBK)	ug/kg	ND (140)	ND (2.3)	ND (2.3)	ND (2.5)	ND (2.8)	ND (2.8)	ND (140)
Methylene chloride	ug/kg	ND (12)	ND (0.20)	ND (0.21)	ND (0.22)	ND (0.25)	ND (0.25)	ND (12)
Styrene	ug/kg	ND (10)	ND (0.16)	ND (0.17)	ND (0.17)	ND (0.20)	ND (0.20)	ND (9.9)
1,1,2,2-Tetrachloroethane	ug/kg	ND (9.6)	ND (0.16)	ND (0.16)	ND (0.17)	ND (0.19)	ND (0.19)	ND (9.6)
Tetrachloroethene	ug/kg	ND (10)	ND (0.17)	ND (0.17)	ND (0.18)	ND (0.21)	ND (0.20)	ND (10)
Toluene	ug/kg	300	ND (0.34)	ND (0.34)	ND (0.36)	ND (0.41)	0.47 J	216
1,2,3-Trichlorobenzene	ug/kg	ND (24)	ND (0.39)	ND (0.39)	ND (0.41)	ND (0.47)	ND (0.47)	ND (23)
1,2,4-Trichlorobenzene	ug/kg	ND (18)	ND (0.30)	ND (0.30)	ND (0.32)	ND (0.37)	ND (0.37)	ND (18)
1,1,1-Trichloroethane	ug/kg	ND (13)	ND (0.21)	ND (0.22)	ND (0.23)	ND (0.26)	ND (0.26)	ND (13)
1,1,2-Trichloroethane	ug/kg	ND (23)	ND (0.39)	ND (0.39)	ND (0.41)	ND (0.47)	ND (0.46)	ND (23)
Trichloroethene	ug/kg	ND (13)	ND (0.22)	ND (0.22)	1.2 J	0.81 J	ND (0.27)	ND (13)
Trichlorofluoromethane	ug/kg	ND (26)	ND (0.43)	ND (0.43)	ND (0.45)	ND (0.52)	ND (0.52)	ND (26)
Vinyl chloride	ug/kg	ND (25)	ND (0.41)	ND (0.41)	ND (0.43)	ND (0.50)	ND (0.49)	ND (25)
m,p-Xylene	ug/kg	28.1 J	ND (0.28)	ND (0.28)	ND (0.30)	ND (0.34)	ND (0.34)	27.6 J
o-Xylene	ug/kg	13.0 J	ND (0.16)	ND (0.16)	ND (0.17)	ND (0.20)	ND (0.20)	ND (9.8)
Xylene (total)	ug/kg	41.1 J	ND (0.16)	ND (0.16)	ND (0.17)	ND (0.20)	ND (0.20)	27.6 J
GC/MS Volatile TIC								
Total TIC, Volatile	ug/kg	188900 J	0	0	198.3 J	0	0	154800 J
General Chemistry								
Solids, Percent	%	85.8	85	86.1	84.2	84.3	86.3	84.9

Groundwater Summary Table - Accutest New Jersey

May 21, 2012 16:58 pm

Job Number:	JB6369
Account:	TRC
Project:	198 Douglass Street, Brooklyn, NY
Project Number:	191185 PO#44740

Legend: Hit

Client Sample ID:		198 DS-MW-1	198 DS-MW-2	198 DS-MW-3	198 DS-MW-4	198 DS-MW-5	FB051112	TB051112
Lab Sample ID:		JB6369-2	JB6369-4	JB6369-5	JB6369-6	JB6369-7	JB6369-3	JB6369-1
Date Sampled:		5/11/2012	5/11/2012	5/11/2012	5/11/2012	5/11/2012	5/11/2012	5/11/2012
Matrix:		Ground Water	Ground Water	Ground Water	Ground Water	Ground Water	Field Blank Water	Trip Blank Water
GC/MS Volatiles (SW846 8260B)								
Acetone	ug/l	R	R	R	R	R	R	R
Benzene	ug/l	ND (0.22)	ND (0.22)	ND (0.22)	ND (0.22)	ND (0.22)	ND (0.22)	ND (0.22)
Bromochloromethane	ug/l	ND (0.40)	ND (0.40)	ND (0.40)	ND (0.40)	ND (0.40)	ND (0.40)	ND (0.40)
Bromodichloromethane	ug/l	ND (0.23)	ND (0.23)	ND (0.23)	ND (0.23)	ND (0.23)	ND (0.23)	ND (0.23)
Bromoform	ug/l	ND (0.24)	ND (0.24)	ND (0.24)	ND (0.24)	ND (0.24)	ND (0.24)	ND (0.24)
Bromomethane	ug/l	ND (0.31)	ND (0.31)	ND (0.31)	ND (0.31)	ND (0.31)	ND (0.31)	ND (0.31)
2-Butanone (MEK)	ug/l	ND (2.9)	ND (2.9)	ND (2.9)	ND (2.9)	ND (2.9)	ND (2.9)	ND (2.9)
Carbon disulfide	ug/l	ND (0.18)	ND (0.18)	ND (0.18)	ND (0.18)	ND (0.18)	ND (0.18)	ND (0.18)
Carbon tetrachloride	ug/l	ND (0.19)	ND (0.19)	ND (0.19)	ND (0.19)	ND (0.19)	ND (0.19)	ND (0.19)
Chlorobenzene	ug/l	ND (0.22)	ND (0.22)	ND (0.22)	ND (0.22)	ND (0.22)	ND (0.22)	ND (0.22)
Chloroethane	ug/l	ND (0.37)	ND (0.37)	ND (0.37)	ND (0.37)	ND (0.37)	ND (0.37)	ND (0.37)
Chloroform	ug/l	ND (0.21)	ND (0.21)	ND (0.21)	ND (0.21)	ND (0.21)	ND (0.21)	ND (0.21)
Chloromethane	ug/l	ND (0.22)	ND (0.22)	ND (0.22)	ND (0.22)	ND (0.22)	ND (0.22)	ND (0.22)
Cyclohexane	ug/l	1.6 J	ND (0.29)	ND (0.29)	ND (0.29)	ND (0.29)	ND (0.29)	ND (0.29)
1,2-Dibromo-3-chloropropane	ug/l	ND (1.3)	ND (1.3)	ND (1.3)	ND (1.3)	ND (1.3)	ND (1.3)	ND (1.3)
Dibromochloromethane	ug/l	ND (0.20)	ND (0.20)	ND (0.20)	ND (0.20)	ND (0.20)	ND (0.20)	ND (0.20)
1,2-Dibromoethane	ug/l	ND (0.21)	ND (0.21)	ND (0.21)	ND (0.21)	ND (0.21)	ND (0.21)	ND (0.21)
1,2-Dichlorobenzene	ug/l	ND (0.18)	ND (0.18)	ND (0.18)	ND (0.18)	ND (0.18)	ND (0.18)	ND (0.18)
1,3-Dichlorobenzene	ug/l	ND (0.29)	ND (0.29)	ND (0.29)	ND (0.29)	ND (0.29)	ND (0.29)	ND (0.29)
1,4-Dichlorobenzene	ug/l	ND (0.26)	ND (0.26)	ND (0.26)	ND (0.26)	ND (0.26)	ND (0.26)	ND (0.26)
Dichlorodifluoromethane	ug/l	ND (0.31)	ND (0.31)	ND (0.31)	ND (0.31)	ND (0.31)	ND (0.31)	ND (0.31)
1,1-Dichloroethane	ug/l	ND (0.19)	ND (0.19)	ND (0.19)	ND (0.19)	ND (0.19)	ND (0.19)	ND (0.19)
1,2-Dichloroethane	ug/l	ND (0.18)	ND (0.18)	ND (0.18)	ND (0.18)	ND (0.18)	ND (0.18)	ND (0.18)
1,1-Dichloroethene	ug/l	ND (0.28)	ND (0.28)	ND (0.28)	ND (0.28)	ND (0.28)	ND (0.28)	ND (0.28)
cis-1,2-Dichloroethene	ug/l	ND (0.22)	ND (0.22)	ND (0.22)	ND (0.22)	ND (0.22)	ND (0.22)	ND (0.22)
trans-1,2-Dichloroethene	ug/l	ND (0.31)	ND (0.31)	ND (0.31)	ND (0.31)	ND (0.31)	ND (0.31)	ND (0.31)
1,2-Dichloropropane	ug/l	ND (0.22)	ND (0.22)	ND (0.22)	ND (0.22)	ND (0.22)	ND (0.22)	ND (0.22)
cis-1,3-Dichloropropene	ug/l	ND (0.22)	ND (0.22)	ND (0.22)	ND (0.22)	ND (0.22)	ND (0.22)	ND (0.22)
trans-1,3-Dichloropropene	ug/l	ND (0.19)	ND (0.19)	ND (0.19)	ND (0.19)	ND (0.19)	ND (0.19)	ND (0.19)
1,4-Dioxane	ug/l	ND (72)	ND (72)	ND (72)	ND (72)	ND (72)	ND (72)	ND (72)
Ethylbenzene	ug/l	ND (0.21)	ND (0.21)	0.48 J	ND (0.21)	0.47 J	ND (0.21)	ND (0.21)
Freon 113	ug/l	ND (0.49)	ND (0.49)	ND (0.49)	ND (0.49)	ND (0.49)	ND (0.49)	ND (0.49)
2-Hexanone	ug/l	ND (3.0)	ND (3.0)	ND (3.0)	ND (3.0)	ND (3.0)	ND (3.0)	ND (3.0)
Isopropylbenzene	ug/l	5.1	ND (0.19)	1.2 J	ND (0.19)	1.2 J	ND (0.19)	ND (0.19)
Methyl Acetate	ug/l	ND (2.9)	ND (2.9)	ND (2.9)	ND (2.9)	ND (2.9)	ND (2.9)	ND (2.9)
Methylcyclohexane	ug/l	12.2	ND (0.18)	ND (0.18)	ND (0.18)	ND (0.18)	ND (0.18)	ND (0.18)
Methyl Tert Butyl Ether	ug/l	1.5	1.2	10.7	ND (0.18)	10.7	ND (0.18)	ND (0.18)
4-Methyl-2-pentanone(MIBK)	ug/l	ND (1.2)	ND (1.2)	ND (1.2)	ND (1.2)	ND (1.2)	ND (1.2)	ND (1.2)
Methylene chloride	ug/l	ND (0.20)	ND (0.20)	ND (0.20)	ND (0.20)	ND (0.20)	ND (0.20)	ND (0.20)
Styrene	ug/l	ND (0.23)	ND (0.23)	ND (0.23)	ND (0.23)	ND (0.23)	ND (0.23)	ND (0.23)
1,1,2,2-Tetrachloroethane	ug/l	ND (0.20)	ND (0.20)	ND (0.20)	ND (0.20)	ND (0.20)	ND (0.20)	ND (0.20)
Tetrachloroethene	ug/l	ND (0.32)	ND (0.32)	ND (0.32)	ND (0.32)	ND (0.32)	ND (0.32)	ND (0.32)
Toluene	ug/l	ND (0.15)	ND (0.15)	ND (0.15)	ND (0.15)	ND (0.15)	ND (0.15)	ND (0.15)
1,2,3-Trichlorobenzene	ug/l	ND (0.69)	ND (0.69)	ND (0.69)	ND (0.69)	ND (0.69)	ND (0.69)	ND (0.69)
1,2,4-Trichlorobenzene	ug/l	ND (0.15)	ND (0.15)	ND (0.15)	ND (0.15)	ND (0.15)	ND (0.15)	ND (0.15)
1,1,1-Trichloroethane	ug/l	ND (0.24)	ND (0.24)	ND (0.24)	ND (0.24)	ND (0.24)	ND (0.24)	ND (0.24)
1,1,2-Trichloroethane	ug/l	ND (0.23)	ND (0.23)	ND (0.23)	ND (0.23)	ND (0.23)	ND (0.23)	ND (0.23)
Trichloroethene	ug/l	0.43 J	ND (0.21)	ND (0.21)	ND (0.21)	ND (0.21)	ND (0.21)	ND (0.21)
Trichlorofluoromethane	ug/l	ND (0.35)	ND (0.35)	ND (0.35)	ND (0.35)	ND (0.35)	ND (0.35)	ND (0.35)
Vinyl chloride	ug/l	ND (0.27)	ND (0.27)	0.75 J	ND (0.27)	0.75 J	ND (0.27)	ND (0.27)
m,p-Xylene	ug/l	ND (0.32)	ND (0.32)	ND (0.32)	ND (0.32)	ND (0.32)	ND (0.32)	ND (0.32)
o-Xylene	ug/l	ND (0.17)	ND (0.17)	ND (0.17)	ND (0.17)	ND (0.17)	ND (0.17)	ND (0.17)
Xylene (total)	ug/l	0.27 J	ND (0.17)	ND (0.17)	ND (0.17)	ND (0.17)	ND (0.17)	ND (0.17)
GC/MS Volatile TIC								
Total TIC, Volatile	ug/l	221.2 J	0	166.4 J	0	178.7 J	10 J	0

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