BROWNFIELD CLEANUP PROGRAM

DRAFT REMEDIAL INVESTIGATION REPORT

VIA VERDE AKA
NEW HOUSING NEW YORK LEGACY PROJECT
700-730 BROOK AVENUE
BRONX, NEW YORK

BCP SITE #C203043

April 2009

Prepared for:

Via Verde Homes, LLC
Via Verde Rental Associates, L.P.
902 Broadway, 13th Floor
New York, New York 10010

and

City of New York
Department of Housing Preservation and Development
Environmental Planning Unit
100 Gold Street
New York, New York 10038

Prepared by:

CA RICH CONSULTANTS, INC.
17 Dupont Street
Plainview, NY 11803
(516) 576-8844

April 6, 2009

NYS Department of Environmental Conservation
Division of Environmental Remediation
47-40 21st Street
Long Island City, New York 11101

Attention: Mandy Yau

Re: Draft Remedial Investigation Report
Via Verde aka
New Housing New York Legacy Project
700-730 Brook Avenue
Bronx, New York
BCP Site #C203043

Dear Ms. Yau:

CA Rich Consultants, Inc. (CA RICH) is pleased to provide you with this Draft Remedial Investigation Report for the above-referenced project. This Report was prepared for use by New York State Department of Environmental Conservation (NYSDEC) under the Brownfield Cleanup Program (BCP).

If you have questions or require any additional detail, please do not hesitate to call our Office.

Respectfully submitted,

CA RICH CONSULTANTS, INC.

Victoria Whelan
Project Environmental Scientist

Reviewed by:

Deborah Shapiro
Project Manager

cc: Eliza Datta, Via Verde Rental Associates, L.P.
Ari Goldstein, Via Verde Homes, LLC
John Gearrity, NYCHPD
Chris Doroski, NYSDOH

TABLE OF CONTENTS

Section		Page
1.0	INTRODUCTION	1
2.0	PHYSICAL SITE CHARACTERISTICS	2
2.1	Site Description	
2.2	Site History	
2.3	Surrounding Land Use	
2.4	Proposed Redevelopment/Project Description	
2.5	Hydrogeologic Setting	
2.6	Evaluation of Previous Soil & Groundwater Sample Analysis	
3.0	SUMMARY OF WORK PERFORMED	7
3.1	Objectives	
3.2	Utility Clearance	
3.3	Soil Vapor Point Installation and Sampling	
3.4	Soil Sampling	
3.5	Monitoring Well Installation	
3.6	Groundwater Well Development	
3.7	Groundwater Well Survey	
3.8	Groundwater Sampling	
4.0	NATURE AND EXTENT OF CONTAMINATION	12
4.1	Soil Vapor	
4.2	Soil	
4.3	Groundwater	
4.4	Summary	
5.0	QUALITATIVE EXPOSURE ASSESSMENT	15
5.1	Introduction	
5.2	Contaminants of Concern	
5.3	Media of Concern	
5.4	Potential Sensitive Receptors	
5.5	Exposure Route	
5.6	Exposure Pathways	
5.7	Exposure Assessment Conclusions and Recommendations	
5.8	Disclaimer	
6.0	CONCLUSIONS and RECOMMENDATIONS	23
6.1	Conclusions	
6.2	Recommendations	
7.0	REFERENCES	25

TABLE OF CONTENTS continued

FIGURES

1. Site Location Map
2. Site Plan
3. Site Elevation Map
4. Sample Location Map
5. Groundwater Elevation Contour Map February 12, 2009
6. Volatile Organic Compounds Detected in Soil Vapor Samples Above 50 ug/m^3
7 Soil Concentrations Above 6NYCRR Part 375 Unrestricted Use SCOs
8 Groundwater Concentrations Above NYSDEC TOGS

LIST OF TABLES

1. Analytical Results of Volatile Organic Compounds in Soil Vapor Samples
2. Analytical Results for Volatile Organic Compounds in Soil Samples
3. Analytical Results for Semi-Volatile Organic Compounds in Soil Samples
4. Analytical Results for Pesticides in Soil Samples
5. Analytical Results for PCBs In Soil Samples
6. Analytical Results for Metals In Soil Samples
7. Analytical Results for Volatile Organic Compounds in Groundwater
8. Analytical Results for Semi-Volatile Organic Compounds in Groundwater
9. Analytical Results for Pesticide Compounds in Groundwater
10. Analytical Results for PCB Compounds in Groundwater
11. Analytical Results for Total and Dissolved Metals in Groundwater

APPENDICES

A. SOIL VAPOR POINT CONSTRUCTION DIAGRAMS WITH GEOLOGIC LOGS
B. SOIL BORING LOGS
C. MONITORING WELL CONSTRUCTION DIAGRAMS
D. ANALYTICAL DATA/DUSR REPORTS
E. NON-HAZARDOUS WASTE DISPOSAL MANIFESTS

Brownfield Cleanup Program
Draft Remedial Investigation Report
Via Verde aka
New Housing New York Legacy Project
700-730 Brook Avenue
Bronx, New York
BCP SITE #C203043

1.0 INTRODUCTION

The following Remedial Investigation (RI) Report for the Brownfield Cleanup Program (BCP) was prepared by CA Rich Consultants, Inc. (CA RICH) of Plainview, NY on behalf of Via Verde Homes, LLC, Via Verde Rental Associates, L.P., and the New York City Department of Housing Preservation and Development (NYCHPD), collectively, the BCP "Volunteer", relative to the planned residential redevelopment and improvement of 700-730 Brook Avenue in the Bronx, New York, BCP Site #C203043 (hereinafter referred to as the 'Site' or the 'Property'). This redevelopment project is known as 'Via Verde' or the 'New Housing New York Legacy Project'. The Volunteer was accepted into the BCP on December 18, 2008 and the Brownfield Cleanup Agreement (BCA) was executed on February 13, 2009.

The RI was conducted in accordance with the Remedial Investigation Work Plan (RIWP), Quality Assurance Project Plan (QAPP), and Health & Safety Plan (HASP) prepared for this Site (Ref. 1). This Draft RI Report was prepared in accordance with the guidelines set forth in Section 3 of New York State Department of Environmental Conservation's (NYSDEC) Draft Brownfield Cleanup Program Guide dated May 2004 (Ref. 2); NYSDEC's DER-10 Technical Guidance for Site Investigations and Remediation (Ref. 3); and 6 NYCRR Part 375 (Ref. 4). The RI was completed as a further characterization and follow-up investigation based upon the results already reported from two earlier subsurface investigations performed on the Property: Site Characterization and Data Summary Report dated September 2006 conducted by URS Corporation (Ref. 5); and Supplemental Site Investigation Report dated April 2007 conducted by CA RICH (Ref. 6). To summarize, according to the Site Characterization and Data Summary Report prepared by URS Corporation, strong to moderate petroleum odors were identified at three soil borings in the former gasoline station area at a depth of 17 – 21 feet, and a petroleum sheen was noted during the collection of groundwater samples. In addition, a geophysical survey revealed several anomalies that may be representative of buried underground storage tanks (UST). Additionally, polychlorinated biphenyls (PCBs) were detected in the groundwater in the former gas station area.

During the 2007 Supplemental Site Investigation, it was determined that the former rail yard and provisions facility is impacted by heavy metals, and semi-volatile organic compounds (SVOCs) possibly associated with oil and/or emissions associated with the use of the former rail yard.

The following list identifies earlier studies performed at the Subject Site. Complete copies of these reports are available upon request and can be found at the local Document Repositories (New York Public Library-Woodstock Branch and Community Board One of the City of New York) established for this Site.

Document	Date
Phase I Environmental Site Assessment; Earth Tech, Inc.	December 2004
Site Characterization and Data Summary Report, URS Corporation	September 2006
Supplemental Site Investigation Report, CA RICH	April 2007
Remedial Investigation Work Plan, CA RICH	February 2009

2.0 PHYSICAL SITE CHARACTERISTICS

2.1 Site Description

The subject Site consists of a vacant, 1.59-acre irregularly-shaped parcel located on the southeast corner of the intersection of East 156th Street and Brook Avenue. Along the west side (Brook Avenue) of the Property, a steep slope of approximately 10 feet descends from the sidewalk eastward. The eastern portion of the Property consists of an abandoned rail spur that connected the former New York and Harlem Railroad to Port Morris. A Site Location Map is included as Figure 1. A Site Plan is included as Figure 2. A Site Plan illustrating the various elevations throughout the Site is enclosed as Figure 3.

Legally, the Site is designated as Block: 2359, part of Lot: 1 and part of Lot: 3. The corresponding address is 700 through 730 Brook Avenue in the Borough of the Bronx, New York. New York City has owned Block: 2359 part of Lot: 3 since June 1972 when it was acquired through condemnation as part of the Bronxchester Urban Renewal Plan. Block: 2359, part of Lot: 1 was purchased on November 19, 2008 by an affiliate of the Volunteer. The Site occupies the entirety of a M1-1 zone that is immediately surrounded by residential (R7-2), commercial (C4-4), and manufacturing M1-1) zones.

2.2 Site History

Although the Site is currently vacant, historical records indicate that it was originally developed circa 1908 with three small buildings and included part of the New York Central and Hudson River Railroad Company's freight yard. Circa 1927, the Site was further developed with a provisions facility. Later records show a gasoline station existed on the Property circa 1935 through the late 1970's. In the early 1980's, the provisions facility closed and the rail spurs were removed. Although the Site is currently vacant, remnants of the foundations of the former gas station and provisions facility still exist on the Site.

According to previous environmental reports prepared by others, strong to moderate petroleum odors were identified at three soil borings at the former gasoline station area at a depth of 17 – 21 feet and a petroleum sheen was noted during the collection of groundwater samples. In addition, a geophysical survey revealed several anomalies that may be representative of buried USTs. A 1935 Sanborn map shows three gasoline tanks present on the northwestern portion of the subject Property.

The previous reports also indicated that the former rail yard and provisions facility are impacted with heavy metals and SVOCs possibly associated with oil and/or emissions associated with the former use as a rail yard. Additionally, PCBs were detected in the groundwater at the former gas station area. Although no source was identified, there does appear to be remnants of a hydraulic lift associated with the former gas station operations, which could potentially be the source of the observed PCB-impact in groundwater.

2.3 Surrounding Land Use

The Property is located in a mixed-use residential/commercial section of the Bronx, New York. Specific neighboring property usage is outlined below:

North: Residences (across East 156th Street)
South: Athletic Field
East: NYC Housing Authority High-Rise Apartment Building and South Bronx High School
West: Commercial Shopping Center – Staples, Nine West Shoe Store, Furman Mills (across Brook Avenue)

2.4 Proposed Redevelopment/Project Description

Under the BCP, the Volunteer plans to transform the vacant lots into new residential buildings with ground floor commercial space while ensuring an accelerated remediation of the subsurface contamination. The proposed new construction will consist of 3-20 story buildings with 221 units, 150 of which will be rentals affordable to households at or below 90% of the area median income (AMI), 71 of which will be co-ops affordable to households at 110% of the AMI. The ground level will include approximately 9,000 square feet of community and retail space. The proposed redevelopment will also include approximately 20,000 square feet of open space.

During the pre-development phase, several professionals including developers, architects, engineers, planners, consultants and NYCHPD staff will be employed in the management and design of the Site and building plan. During the construction phase (~24 months), a project of this size could expect to see upwards of 30 construction jobs at one time including but not limited to: operators, steel workers, masons, electricians, plumbers, craftsmen, laborers, subcontractors, material suppliers, etc. Post construction, the building will be managed and staffed, and will employ a full-time building manager, superintendent, several part-time porters and support staff. The community facility will likely be staffed by social workers and administrative support staff. The retail establishments will provide numerous jobs to the people of the community.

2.5 Hydrogeologic Setting

According to recent survey measurements, the Site elevation ranges from 8 to 24 feet above mean sea level based on the Borough of the Bronx Datum. The on-Site topography slopes towards the east.

Based upon the *Geology and Engineering Geology of the New York Metropolitan Area*, Field Trip Guidebook T361, July 20 – 25, 1989, edited by Charles A. Baskerville for the 28th International Geologic Congress (Ref. 11), the Site is located in bedrock belonging to the Ordovician-Cambrian Inwood Marble Formation consisting of dolomite marble, calcschist, and grades to underlying patchy Lowerre Quartzite of early Cambrian age. Surficial geologic materials are characterized as ground moraine and/or urban fill consisting of sand, silt, clay and gravel. According to Site-specific geological data included in the Site Characterization and Data Summary Report prepared by URS Corporation, the upper eight feet of the Site contains unconsolidated fill materials.

The uppermost groundwater surface occurs at a depth of approximately 22 feet below sidewalk grade within the unconsolidated materials. Based upon Site-specific groundwater elevation data, groundwater flows in a south-westerly direction. Underlying groundwater in this area of the South Bronx is not used for potable supply purposes. As such, no potable groundwater resources appear to be threatened by local groundwater quality. A groundwater elevation contour map is included as Figure 5.

2.6 Evaluation of Previous Soil & Groundwater Sample Analyses

As outlined in Section 1.0, previous environmental assessments and investigations were performed by CA RICH and others on the subject Property and were included in the BCP Application. A Phase I Environmental Site Assessment (ESA) was conducted by Earth Tech, Inc. (Ref. 7) in December 2004. The Phase I ESA concluded and recommended the following:

1) Based upon information provided in the historic maps and photographs, the northern, western, and eastern portions of the subject property were occupied by a filling station, a store/warehouse operated by a provisions company, and railroad spurs, respectively, prior to being vacated. The western portion of the subject property may have been used for manufacturing or industrial uses. The maps indicated that the subject property had three gasoline tanks along the northern portion of the subject property. No records could be obtained to confirm if the gasoline tanks and appurtenances were removed prior to the demolition of the former subject property buildings. Based on this conclusion, it was recommended that a geophysical survey be performed.

2) A site investigation consisting of the collection of soil samples should be performed to evaluate the potential impact from the presence of former gasoline tanks and the former operations of the New York Central Railroad Company at the subject property. Based on the results of the geophysical survey, additional samples may need to be collected.

The findings of the Phase I ESA were investigated as part of the Site Characterization and Data Summary Report dated September 2006 conducted by URS Corporation and Supplemental Site Investigation Report dated April 2007 conducted by CA RICH.

The Site Characterization and Data Summary conducted in 2006 included the following: historical database review; geophysical survey of the former gasoline station portion of the Property; excavation of three test trenches; drilling of eight soil borings; installation of eight temporary wells; and, the collection of seven soil samples from the borings, three soil samples from the test trenches, and eight groundwater samples from the temporary wells for analysis. The geophysical survey revealed several anomalies that may be representative of buried USTs.

SVOCs and metals were detected above NYSDEC Determination of Soil Cleanup Objectives and Cleanup Levels, Technical and Administrative Guidance Memorandum (TAGM) #4046, January 24, 1994 (Ref. 8) and/or Eastern USA background levels in one or more of the samples. Volatile organic compounds (VOCs), SVOCs, the PCB Aroclor 1260 and metals were detected above NYSDEC Technical and Operational Guidance Series (TOGS) 1.1.1 Ambient Water Quality Standards and Guidance Values and Groundwater Effluent Limitations memorandum dated June 1998 (Ref. 9) in one or more of the samples. It is noted that PCB analysis was not requested for the soil samples; therefore, the presence of Aroclor 1260 in the groundwater could not be correlated with its associated soil sample.

The Site Characterization and Data Summary Report also noted that strong to moderate petroleum odors were identified at three soil borings in the former gasoline station area at a depth of 17 – 21 feet and a petroleum sheen and strong to moderate petroleum odors were noted while collecting groundwater samples in the former gas station area.

The Supplemental Site Investigation conducted in 2007 included the collection and analysis of surface (0-2") and shallow (0-2') soil samples at six locations at the Site. The lithology encountered during advancement of the borings revealed that the Site contains fill material from the surface to the explored depth of two feet below grade.

Based on the analytical results, VOCs, PCBs, and pesticides were detected in soil, but not detected above NYSDEC TAGM guidance values. Benzo(a)anthracene, benzo(a)pyrene, and chrysene were detected above TAGM values in all soil samples; and benzo(b)fluoranthene, dibenzo(a,h)anthracene, and benzo(k)fluoranthene were detected above TAGM values in several borings. In addition, Arsenic, Chromium, Copper, Lead, and Magnesium were detected above NYSDEC TAGM values in one or more of the soil borings. The Report noted that the occurrence of PCBs and pesticides at the Site may be attributable to former rail line operations and use. The SVOCs and Metals detected are typical of fill material found in New York City, but their occurrence may be attributable to the former use as a rail yard.

Based on the results of these previous investigations, it appears that the former rail yard and provisions facility is impacted by heavy metals and SVOCs possibly associated with oil and/or emissions associated with use as a rail yard; buried underground storage tanks and/or former hydraulic lifts may be present; and the former gasoline station is impacted by VOCs, SVOCs, heavy metals and possibly PCBs associated with its past usage.

3.0 SUMMARY OF WORK PERFORMED

3.1 Objectives

The three objectives of this Investigation were to:

1) Determine the nature and extent of soil and groundwater contamination at the Site;
2) Determine the nature and extent of soil vapor contamination at the Site; and,
3) Obtain the necessary information needed to design and implement a Remedial Action Work Plan for this Site compatible with Site preparation and redevelopment.

The data developed by URS and the more recent additional data developed by CA RICH were used as a point of departure for the RI to expand upon the available information. The Scope of Work of the Remedial Investigation included:

- Utility Clearance;
- Soil Vapor Sampling and Analysis;
- Soil Sampling and Analysis;
- Monitoring Well Installation, Surveying, Sampling and Analysis; and
- Report Preparation.

3.2 Utility Clearance

The NYC One-Call Center, utility mark-out service, was notified of the test pit, soil boring, soil vapor point, and monitoring well installation activities planned on the Site at least three business days prior to their commencement. All underground utility line mark-outs were performed prior to the commencement of fieldwork.

3.3 Soil Vapor Point Installation and Sampling

On February 6, 2009, ten temporary soil vapor points were installed throughout the Site in accordance with the New York State Department of Health (NYSDOH) “Guidance for Evaluating Soil Vapor Intrusion in the State of New York” dated October 2006 (Ref. 10). Soil vapor point locations are illustrated on Figure 4.

The soil vapor points were installed by drilling a 2 ¼-inch hole to ten feet below the sidewalk grade or one-foot above the groundwater interface, whichever was shallower, using a Geoprobe™ drilling system. Once the bottom depth was reached, a vapor point comprised of a two-inch long stainless steel screen connected to ¼-inch stainless steel tubing was advanced into the hole. The tubing was then connected with a sample fitting to allow for the collection of soil gas. The annular space around the stainless steel screen was packed with coarse sand to one foot above the screen, creating a sampling zone. A six-inch bentonite seal was then placed above the sampling zone. The remaining annular space was backfilled with clean fill.

On February 10, 2009, soil vapor samples were collected from each temporary soil vapor point in accordance with NYSDOH's "Guidance for Evaluating Soil Vapor Intrusion in the State of New York" dated October 2006. It is noted that on February 25, 2009, SVP-3 was resampled as the canister used on February 10, 2009 did not collect the necessary amount of air. Prior to sampling, three volumes of soil vapor were purged from each soil vapor point using an air sampling pump set to a rate of approximately 0.2 liters per minute. A bucket was then placed over the sample assembly and helium gas was used to enrich the atmosphere around the sample location in combination with real-time air monitoring (for helium) to verify that ambient air was not infiltrating the sampling assembly during purging and sampling.

Once it was confirmed that ambient air was not being drawn into the assembly, the soil vapor was screened for the presence of VOCs using a photoionization detector (PID). After field screening was completed, the stainless steel tubing was connected to the SUMMA canister and a soil vapor sample was collected. The SUMMA canister regulator was set to restrict the sample collection to not exceed 0.2 liters per minute over a two-hour time period. Upon completion of sample collection, the canisters were disconnected and sealed for shipment to Accutest Laboratories of Dayton, New Jersey (an ELAP certified laboratory) for analysis of VOCs via EPA method TO-15 and NYSDEC ASP Category B deliverables under chain of custody documentation.

A qualified third-party Data Validator reviewed the soil vapor laboratory data and a Data Usability Summary Report (DUSR) was prepared. A complete copy of the validated soil vapor data package is attached as Appendix D.

3.4 Soil Sampling

From February 6-9, 2009, soil borings were drilled in the northeast portion of the Property, (identified as SB-1), prior to installation of the shallow groundwater monitoring wells MW-1, MW-4, and MW-5. Soil boring SB-1 was drilled via a Geoprobe™ 6610DT direct-push drilling machine and soil borings MW-1, MW-4, and MW-5 were drilled using a truck-mounted hollow stem auger drill-rig.

The truck-mounted or limited-access drill-rig utilized five-foot long, 2 ¼-inch inner diameter (ID) hollow stem augers. Continuous soil samples were collected from MW-1, MW-4, and MW-5 at two foot intervals using a two-inch outer-diameter, two foot long split-spoon barrel sampler. The split-spoon barrel sampler was advanced using a 140 pound hammer with a three foot drop. Continuous soil samples were collected from SB-1 via the Geoprobe™ using five-foot macro cores.

All on-Site sampling equipment was decontaminated between each use in the following manner: laboratory grade detergent and fresh water wash using a scrub brush, followed by two fresh water rinses and a final air dry. Gloves worn for sample handling were discarded between sample collections. A CA RICH scientist oversaw all soil boring activities; logged (characterized) the shallow fill lithology, and screened the earth materials (fill) samples with a (PID). Soil/fill samples obtained below the water table were not screened with a PID due to moisture interferences.

A shallow soil sample was collected from each boring at approximately 0-2 feet below grade and a second sample was collected from the soil exhibiting the highest degree of impact based upon both a visual inspection and PID readings and/or the deepest sample above the groundwater interface. In addition, the following samples were collected for QA/QC purposes: 1 field blank, 1 duplicate sample, 1 matrix spike and 1 matrix spike duplicate. Each sample was placed in sterilized laboratory-supplied containers. The sampled earth materials were settled and capped to ensure that little or no headspace was present within the sample. The samples were stored on ice in an air tight cooler to preserve the samples at approximately $4^{+/-2}$o Celsius prior to and during shipment. All samples were uniquely identified, and all information associated with the samples were recorded utilizing standard chain-of-custody sampling protocols. Following completion of the borings, SB-1 was backfilled with drill cuttings and MW-1, MW-4, and MW-5 were converted into monitoring wells. Boring logs were generated for each borehole and are enclosed as Appendix B.

The samples were submitted to Accutest Laboratories of Dayton, New Jersey (an ELAP certified laboratory) for chemical analysis. The soil samples collected from MW-1 were analyzed for PCBs via EPA Method 8082. The soil samples collected from SB-1, MW-4, and MW-5 were analyzed for VOCs via EPA Method 8260, SVOCs via EPA Method 8270, pesticides via EPA Method 8081, PCBs via EPA Method 8082, and the TAL metals list.

A qualified third-party Data Validator reviewed the soil laboratory data and a DUSR was prepared. A complete copy of the validated soil data package is attached as Appendix D.

3.5 Monitoring Well Installation

From February 6-10, 2009, five groundwater monitoring wells (MW-1 through MW-5) were installed using the hollow stem auger drilling method. MW-1 was installed on the former gasoline station/upgradient portion of the Property. MW-2 was installed near the western Property boundary (near the former provisions facility); MW-3 was installed on the former provisions facility (near the southwestern property boundary); MW-4 was installed along the former railroad bed (near the southeastern property boundary); MW-5 was installed along the former railroad bed (on the eastern portion of the Property). The monitoring well locations are illustrated on Figure 4.

Groundwater was encountered at approximately 20 feet below grade at MW-1 and MW-2, which are located on the higher elevation portion of the Property. Groundwater was encountered between four and nine feet at MW-3, MW-4, and MW-5, which are located at lower ground elevations (base of the Site's slope).

Each well was constructed of two-inch diameter schedule 40 PVC casing and two-inch diameter 0.020-inch slotted (20 slot) pipe screen flush-threaded onto the PVC casing. A sand pack of number two Morie sand was then placed around the screen to two feet above the top of the screened interval and covered with two feet of bentonite pellets. The bentonite pellets were given time to hydrate (i.e. expand) before filling the remainder of the borehole with drill cuttings. Excess drill cuttings were drummed and properly disposed of off-Site. MW-1, MW-2, MW-4, and MW-5 were completed with locking j-plugs and flush-mounted bolt-down monitoring well covers, while MW-3 was left above the ground surface with a locking j-plug. Monitoring well construction details are illustrated in Appendix C. Waste disposal manifests for the drum disposal are enclosed as Appendix E.

3.6 Groundwater Well Development

Once installed, the wells were developed using a small-diameter submersible pump that was capable of discharging at a rate of about one gallon per minute to minimize turbidity. The wells were pumped until the discharge water was relatively turbid-free to ensure fresh groundwater flow through the wells. Well development information was recorded on well construction logs, which are enclosed as Appendix C.

3.7 Groundwater Well Survey

The well casing elevations of the newly installed wells, MW-1, MW-2, MW-3, MW-4 and MW-5, were surveyed on February 12, 2009 by Montrose Surveying Company, a New York State licensed surveyor, to the nearest 0.01-foot. Depth to groundwater was measured on February 25, 2009 using a chalked steel tape. The elevations were then plotted and a water table elevation contour map was prepared to determine the horizontal direction of groundwater flow. Based upon the data collected on February 25, 2009, the Site-specific direction of groundwater flow is toward the southwest. The regional direction of groundwater flow is believed to be to the south and towards the confluence of the Harlem and East Rivers. The groundwater elevation contour map as well as a tabulation of the casing elevations and depth to water measurements are included on Figure 5.

3.8 Groundwater Sampling

Two weeks after well development, CA RICH collected depth-to-water measurements and groundwater samples from the five newly-installed water table wells (MW-1 through MW-5). Prior to sampling, at least three times the volume of water was removed from each well using new polyethylene tubing and a submersible pump. The submersible pump was decontaminated between sample collections by passing a laboratory grade detergent through the pump, followed by a fresh water scrub and a fresh water rinse. Gloves worn for sample handling were discarded between each sampling point.

After purging was complete, a sample of the groundwater was then collected directly from the pump discharge into laboratory-issued containers by CA RICH personnel. All groundwater samples were packaged into laboratory-issued containers, placed in a cooler on ice and hand delivered to the laboratory the same day. The samples were submitted to Accutest Laboratories of Dayton, New Jersey (an ELAP certified laboratory) and were analyzed for VOCs using USEPA Method 8260, SVOCs using EPA Method 8270, pesticides via EPA Method 8081, PCBs via EPA Method 8082, and dissolved total metals using EPA Method 6000/7000 series and NYSDEC ASP

Category B deliverables. The following samples were also collected for QA/QC purposes: 1 trip blank, 1 field blank, 1 duplicate sample, 1 matrix spike and 1 matrix spike duplicate.

A qualified third-party Data Validator reviewed the groundwater laboratory data and a DUSR was prepared. A complete copy of the validated groundwater data package is attached as Appendix D.

4.0 NATURE AND EXTENT OF CONTAMINATION

4.1 Soil Vapor

Ten temporary soil vapor points (SVP-1 through SVP-10) were installed and sampled at the Site. VOCs were detected in the soil vapor throughout the Site. The higher detections, 50 micrograms per meter cubed (ug/m^3) or greater, include chloroform at 615 ug/m^3 in SVP-6, dibromochloromethane at 57.9 ug/m^3 in SVP-8, dibromochloromethane at 152 ug/m^3 in SVP-9, and tetrachloroethylene at 121 ug/m^3, acetone at 359 ug/m^3, and toluene at 50.9 ug/m^3 in SVP-10. Soil vapor sample locations are illustrated on Figure 4 and the analytical results are summarized on Table 1 and Figure 6 of this Report.

4.2 Soil

Soils/fill materials were sampled at four locations (SB-1, MW-1, MW-4, and MW-5) and were logged at 16 locations at the Site (SB-1, MW-1 through MW-5, and SVP-1 through SVP-10). Overall, the subsurface soil/fill materials encountered at the higher Site elevations (along Brook Avenue) during this RI generally consisted of concrete and/or asphalt at the surface followed by loose fill materials containing asphalt and brick fragments, which was in turn underlain by coarse sands and gravels. The subsurface soils at the lower elevations on the Site did not include loose fill materials, but mostly consisted of medium to coarse grain sand and gravel. PID readings of the soils/fill materials ranged from 0 parts per million (ppm) (measured at multiple depths) to 5 ppm (measured in MW-1 at 13 feet). The laboratory analytical results were compared to their applicable 6 NYCRR Part 375 Unrestricted Use Soil Cleanup Objectives (SCOs) (Ref. 4), are summarized on Tables 2-6 and Figure 7. The results indicated the following:

VOCs – Four VOCs, ethyl benzene, tetrachloroethene, toluene, and m,p-Xylene, were detected in the soil/fill materials. These detections were significantly below Part 375 Unrestricted Use SCOs.

SVOCs – Numerous SVOCs were detected in the soil/fill materials. SVOCs detected include acenaphthene, acenaphthylene, anthracene, benzo(a)anthracene, benzo(g,h,i)perylene, benzo(b)fluoranthene, benzo(k)fluoranthene, benzo(a)pyrene, bis(2-Ethylhexyl)phthalate, chrysene, fluoranthene, indeno(1,2,3-cd)pyrene, dibenzo(a,h)anthracene, 2-Methylnapthalene, naphthalene, phenanthrene and pyrene. None of the detected compounds exceeded Part 375 Unrestricted Use SCOs.

Metals – Several metals were detected in the subsurface soil/fill materials throughout the Site. Of these occurrences, the detections of chromium Site-wide exceeded the Part 375 Unrestricted Use SCOs.

Pesticides – No pesticides were detected in the soil/fill materials underlying the Site.

PCBs – There were two detections of the PCB Aroclor 1260 in samples MW-1(2-4ft) and MW-1 (13ft). Neither of these detections exceeded the Part 375 Unrestricted Use SCOs.

4.3 Groundwater

Five groundwater monitoring wells (MW-1 through MW-5) were installed and sampled at the Site. The laboratory analytical results were compared to their applicable NYSDEC TOGS groundwater standards (Ref. 9), and are summarized on Tables 7-11 and Figure 8. The analytical results indicated the following:

VOCs – Five VOCs, benzene, isopropylbenzene, n-Propylbenzene, 1,2,4-Trimethylbenzene, and 1,3,5-Trimethylbenzene were detected above their applicable NYSDEC TOGS groundwater standards in the sample collected from MW-1 as well as the associated duplicate sample. One VOC, chloroform, was detected above the NYSDEC TOGS groundwater standard in the sample collected from MW-3.

SVOCs – One SVOC, bis(2-Ethylexyl)phthalate, exceeded the NYSDEC TOGS groundwater standard in the sample collected from MW-1 as well as the associated duplicate sample.

Metals – Three dissolved metals exceeded NYSDEC TOGS groundwater standards; iron, manganese and sodium.

Pesticides – There were no detections of pesticides in the samples collected from the monitoring wells.

PCBs – There were no detections of PCBs in the samples collected from the monitoring wells.

4.4 Summary

The following is a summary of the Remedial Investigation findings:

- The subsurface soil/fill materials encountered at the higher Site elevations (along Brook Avenue) generally consisted of concrete and/or asphalt at the surface followed by loose fill materials containing asphalt and brick fragments, which was in turn underlain by coarse sands and gravels. The subsurface soils at the lower elevations on the Site did not include loose fill materials, but mostly consisted of medium to coarse grain sand and gravel.

- Eight soil samples were analyzed from multiple depths across the Site. No VOCs, SVOCs, PCBs, or pesticides were detected above 6 NYCRR Part 375 Unrestricted Use SCOs. The metal chromium was detected above 6 NYCRR Part 375 Unrestricted Use SCOs in all soil/fill samples.

- The shallow groundwater table was encountered from four to twenty feet below grade due to extreme elevation changes across the Site. The direction of shallow groundwater flow based upon static water levels collected from the network of five newly installed monitoring wells (MW-1 through MW-5) is toward the southwest.

- Petroleum related compounds including: isopropylbenze, benzene, n-Propylbenzene, 1, 2,4-Trimethylbenzene, and 1,3,5-Trimethylbenzene were detected above NYSDEC TOGS groundwater standards in the groundwater sample collected from MW-1 and its associated duplicate. In addition, the chlorinated solvent chloroform was detected above NYSDEC TOGS in the sample collected from MW-3.

- One SVOC, bis(2-ethylhexyl)phthalate, was detected above NYSDEC TOGS in the groundwater sample collected from MW-1 and its associated duplicate sample.

- Three dissolved metals, iron, manganese, and sodium, were detected above NYSDEC TOGS groundwater standards in the sample collected from MW-1 and its associated duplicate as well as MW-4. Sodium was detected above NYSDEC TOGS in the sample collected from MW-2 and MW-5.

- No pesticides or PCBs were detected in the samples collected from the groundwater monitoring wells.

- Soil vapor points were installed at ten different locations across the Site. Samples collected from each of the soil vapor points indicated the presence of petroleum related compounds as well as solvents in the soil vapor. Compounds detected above 50 ug/m^3 include acetone, benzene, chloroform, dibromochloroemethane, tetrachloroethylene, and toluene.

5.0 QUALITATIVE EXPOSURE ASSESSMENT

5.1 Introduction

The Site investigation is being administered under the NYSDEC BCP. As part of the BCP process, a Qualitative Exposure Assessment (EA) was performed to determine whether the Site poses an existing or future health hazard to the Site's exposed or potentially exposed population. The sampling data from this RI as well as from previous environmental investigations performed at the Site were evaluated to determine whether there is any health risk by characterizing the exposure setting, identifying exposure pathways, and evaluating contaminant fate and transport. This EA was prepared in accordance with Appendix 3B and Section 3.3 (b) 8 of the NYSDEC Draft DER-10 Technical Guidance for Site Investigation and Remediation.

The five elements of an exposure pathway are: (1) a contaminant source; (2) contaminant release and transport mechanisms; (3) a point of exposure; (4) a route of exposure; and (5) a receptor population. An exposure pathway is considered complete when all five elements of an exposure pathway are documented. A potential exposure pathway exists when any one or more of the five elements comprising an exposure pathway cannot be documented. An exposure pathway may be eliminated from further evaluation when any one of the five elements comprising an exposure pathway has not existed in the past, does not exist in the present, and will never exist in the future.

5.2 Contaminants of Concern

Based upon all of the background information and analytical detections in soil, soil vapor and/or groundwater from this RI as well as previous environmental investigations preformed at this Site (Refs. 5 & 6), the contaminants of concern include:

VOCs – Acetone, benzene, chloroform, ethylbenzene, isopropylbenzene, methyl tert-butyl ether, n-propylbenzene, toluene, 1,2,4-Trimethylbenzene, 1,3,5-Triemthylbenzene, xylenes, dibromochloroemethane, and tetrachloroethylene.

SVOCs – Polynuclear aromatic hydrocarbons or "PAHs" including: anthracene, benzo(a)pyrene, bis(2-Ethylhexyl)phthalate, benzo(a)anthracene, benzo(b)fluoranthene, benzo(k)fluoranthene, chrysene, dibenzo(a,h)anthracene, fluoranthene, indeno(1,2,3-cd)pyrene, naphthalene, phenanthrene, pyrene, and phenol.

Metals – Arsenic, barium, copper, chromium, lead, mercury, nickel, zinc, antimony, iron, manganese, magnesium, and sodium.

PCBs - Aroclor 1260

Regulatory Criteria – The concentrations of the media and contaminants of concern found at the Site were compared to the following standards or guidance values:

Soil – The evaluation of data presented in Section 4 of this Report compared the soil analytical results to 6 NYCRR Part 375 Unrestricted Use SCOs (Ref. 4). While previous investigations compared analytical results to NYSDEC TAGM (Ref. 8), for the purposes of this report, this data was re-evaluated and compared to Part 375 Unrestricted Use SCOs only.

Groundwater – NYSDEC Technical and Operational Guidance Series (1.1.1) Ambient Water Quality Standards and Guidance Values and Groundwater Effluent Limitations (Ref. 9).

Soil Vapor – There are no standards or guidance values for soil vapor.

5.3 Media of Concern

Soil – The result of our evaluation of the laboratory data presented in Section 4 of this Report as well as from previous investigations indicates that soil is a media of concern. The following compounds of concern were detected above the Part 375 SCOs in the on-Site soil/fill materials and are illustrated on Figure 7.

Compounds	Highest Detection	6 NYCRR Part 375 Track 1 – Unrestricted Use SCOs
VOCs		
acetone	1,000 ug/kg	50 ug/kg
SVOCs		
anthracene	61,000 ug/kg	100,000 ug/kg
benzo(a)pyrene	92,000 ug/kg	1,000 ug/kg
benzo(a)anthracene	120,000 ug/kg	1,000ug/kg
benzo(b)fluoranthene	120,000 ug/kg	1,000 ug/kg
benzo(k)fluoranthene	39,000 ug.kg	800 ug/kg
chrysene	97,000 ug/kg	1,000 ug/kg
dibenzo(a,h)anthracene	110,000 ug/kg	330 ug/kg
fluoranthene	240,000 ug.kg	100,000 ug/kg
indeno(1,2,3-cd)pyrene	42,000 ug/kg	500 ug/kg
naphthalene	14,000 ug/kg	12,000 ug/kg
phenanthrene	210,000 ug/kg	100,000 ug/kg
pyrene	210,000 ug/kg	100,000 ug/kg
Metals		
arsenic	27.5 mg/kg	13 mg/kg
barium	740 mg/kg	350 mg/kg
copper	234 mg/kg	50 mg/kg
chromium	66.7 mg/kg	1 mg/kg
lead	6,290 mg/kg	63 mg/kg
mercury	0.53 mg/kg	0.18 mg/kg
nickel	43.9 mg/kg	30 mg/kg
zinc	590 mg/kg	109 mg/kg

Soil Vapor – The results of the laboratory data indicate that soil vapor is a media of concern. Although there are no standards for soil vapor, for the purposes of this EA, all VOCs detected in the soil vapor above 50 ug/m^3 were considered compounds of concern. VOCs detected in soil vapor samples above ug/m^3 are illustrated on Figure 6.

Compounds	Highest Detection
VOCs	
acetone	359 ug/m^3
benzene	130 ug/m^3
chloroform	615 ug/m^3
dibromochloromethane	152 ug/m^3
tetrachloroethylene	121 ug/m^3
toluene	50.9 ug/m^3

Ground Water – The results of our evaluation of the laboratory data presented in Section 4 of this Report as well as from previous investigations indicate that groundwater is a media of concern. The following compounds were detected above NYSDEC TOGS in groundwater and are illustrated on Figure 8.

Compounds	Highest Detection	NYSDEC TOGS Groundwater Standards
VOCs		
acetone	110 ug/L	50 ug/L
benzene	3.8 ug/L	1 ug/L
chloroform	23.4 ug/L	7 ug/L
ethylbenzene	8.7 ug/L	5 ug/L
isopropylbenzene	43 ug/L	5 ug/L
methyl tert-butyl ether	2,100 ug/L	10 ug/L
n-propylbenzene	21.0 ug/L	5 ug/L
1,2,4-Trimethylbenzene	8.6 ug/L	5 ug/L
1,3,5-Triemthylbenzene	6.9 ug/L	5 ug/L
xylene (total)	22.8 ug/L	5 ug/L
toluene	19 ug/L	5 ug/L
SVOCs		
benzo(a)pyrene	9.9 ug/L	0.002 ug/L
benzo(a)anthracene	11 ug/L	0.002 ug/L
benzo(b)fluoranthene	12 ug/L	0.002 ug/L
benzo(k)fluoranthene	4.6 ug/L	0.002 ug/L
bis(2-Ethylhexyl)phthalate	46.3 ug/L	5 ug/L
chrysene	9.5 ug/L	0.002 ug/L
indeno(1,2,3-cd)pyrene	4.7 ug/L	0.002 ug/L
naphthalene	120 ug/L	10 ug/L
phenol	1.4 ug/L	1 ug/L

PCBs

Aroclor 1260	62 ug/L	0.09 ug/L

Metals

antimony	6.5 ug/L	3 ug/L
iron	3,990 ug/L	300 ug/L
magnesium	45,000 ug/L	35,000 ug/L
manganese	3,030 ug/L	300 ug/L
sodium	70,800 ug/L	20,000 ug/l

5.4 Potential Sensitive Receptors

Land Use of the Site and Neighboring Properties - Current and Future

The Site is currently vacant. The area immediately surrounding the Site is residential/commercial. There are several housing developments, a school and its associated fields, commercial retail units, and a high rise apartment complex.

The proposed future use of the Site is residential with ground floor commercial space. The land use in the surrounding area is anticipated to remain residential/commercial since several new similar projects have recently been completed or are under construction in this neighborhood.

On-Site Receptors - Since the Site is currently vacant, the only on-Site potential sensitive receptors are trespassers. The proposed redevelopment of the Site includes the construction of an affordable housing multi-story residential building with ground floor community and retail space as well as open space. During redevelopment of the Site, the on-Site potential sensitive receptors will include construction workers. Once the Site is redeveloped, the on-Site potential sensitive receptors will include: adult and child residents, maintenance staff, community residents and commercial workers.

Off-Site Receptors - Potential off-Site receptors within a 0.25-mile radius of the Site include: adult and child residents, and commercial and construction workers, pedestrians, trespassers, and cyclists, based on the following:

1. Commercial Businesses (up to 0.25 mile) – existing and future
2. Residential Buildings (up to 0.25 mile) – existing and future
3. Building Construction/Renovation (up to 0.25 mile) – existing and future
4. Pedestrians, Trespassers, Cyclists (up to .25 mile) – existing and future

5.5 Exposure Route

An exposure route is the mechanism by which a receptor comes into contact with a chemical. Three potential primary routes exist by which chemicals can enter the body:

- Ingestion of water, fill or soil;
- Inhalation of vapors and particulates; and
- Dermal contact with water, fill, soil or building materials.

5.6 Exposure Pathways

This evaluation consists of the following components: contaminant source; contaminant release and transport mechanism; point of exposure; route of exposure; and receptor population.

On-Site (existing)

Although the Site is currently vacant, there is a potential exposure pathway from surface soil/fill materials to trespassers.

Off-Site (existing)

There is an existing potential exposure pathway from soil gas emanating from VOCs within the soil and groundwater to enter into the adjoining buildings as a result of any sub-basement floor or lower wall openings/cracks. The indoor air quality at the adjoining properties may be susceptible to contamination from subsurface vapor intrusion attributable to VOCs emitted from the shallow contaminated groundwater beneath the Site. The potential receptors from such a migration pathway into the building would be to off-Site construction and commercial workers, and adult and child residents. The primary route of exposure would be inhalation.

There is also a potential exposure pathway from any dust emanating from the Site to off-Site pedestrians, visitors, cyclists, and adult and child residents.

On-Site (future)

Once redevelopment activities begin, there will be a potential exposure pathway from contaminated surface and subsurface soil/fill to construction workers as a result of on-Site construction/excavation activities. On-Site construction workers potentially could ingest, inhale or have dermal contact with any exposed impacted fill or soils.

Although the planned excavation is not expected to encounter groundwater and dewatering is not anticipated at this time, if the redevelopment plans change to include dewatering there will be a potential exposure pathway from the groundwater to on-Site construction workers. On-Site construction workers could potentially inhale or have dermal contact with any soil/fill that is saturated with contaminated groundwater, vapors off-gassing from the groundwater, and/or the contaminated groundwater itself.

Once the redevelopment of the Site has been completed, there will be a potential exposure pathway to adult and child residents, maintenance staff, community residents, and commercial workers from the inhalation of any potential off-gassing of VOC vapors from the soil and groundwater. The VOC vapors could migrate from residual compounds in the soil and/or groundwater and enter the building or property through any cracks or openings in the foundation.

There will also be a potential exposure pathway from dermal contact, inhalation, or ingestion of surface soil/fill in any landscaped or non-capped areas by adult and child residents and trespassers.

Off-Site (future)

There is a potential exposure pathway from soil gas emanating from any residual contaminated groundwater on-Site to enter into the adjoining buildings as a result of any sub-basement floor or lower wall openings/cracks. The indoor air quality at the adjoining properties would be susceptible to contamination from subsurface vapor intrusion. Off-Site commercial workers and adult or child residents could potentially inhale these vapors.

There will also be a potential exposure pathway from any dust emanating from the Site to off-Site pedestrians, visitors, cyclists, and adult and child residents.

5.7 Exposure Assessment Conclusions and Recommendations

Based upon this analysis, currently, there are two potential exposure pathways: from surface soil/fill materials to trespassers and from dust emanating from the Site to off-Site pedestrians, visitors, cyclists, commercial workers, and adult and child residents. Once redevelopment activities begin, there will be a potential exposure pathway from contaminated surface soil/fill to construction workers as these workers could potentially ingest, inhale or have dermal contact with any exposed impacted fill or soils. Once redevelopment of the Site has been completed, there will be a potential exposure pathway from the potential off-gassing of residual organic vapors in the soil and/or groundwater to adult and child residents, maintenance staff, community residents utilizing the community facilities, and commercial workers through cracks or openings in the foundations of the new building and surrounding buildings. There will also be a potential exposure pathway from dermal contact, inhalation, or ingestion of surface soil/fill in any landscaped or non-capped areas by adult and child residents and trespassers. In addition, there will be a potential exposure pathway from any dust emanating from the Site to off-Site pedestrians, visitors, cyclists, and adult and child residents.

Based on the results of the EA, the impacted soil/fill materials need to be remediated and certain engineering and/or institutional controls need to be put in place on-Site to ensure that the potential exposure pathways identified do not become complete. A remedial Action Work Plan (RAWP) that includes remediation of the impacted soil/fill and engineering/institutional controls should be developed. Implementation of a NYSDEC-approved RAWP, which would include excavation of impacted soil/fills with the incorporation of a vapor barrier and sub-slab depressurization system, would eliminate the potential for soil vapor intrusion into the new structure. By properly employing these remedial measures and engineering and/or institutional controls, the occupants of the completed structure will not be subject to the accumulation of vapors within the planned structures. In addition, employing engineering and institutional controls such as the vapor barrier and a minimum two-foot clean fill buffer over all landscaped or non-capped areas would eliminate the potential for dermal contact, ingestion of soil or groundwater, or inhalation of vapors associated with subsurface soils and/or groundwater underneath the building.

5.8 Disclaimer

CA RICH conducted this EA in accordance with generally accepted protocols within the environmental consulting profession. The conclusions and recommendations provided by CA RICH in this EA are based solely on the information reported in this document. Future investigative Site information or changing future land use, not available to CA RICH at the time of

this Assessment, may result in a modification to the conclusions and recommendations stated above. CA RICH has no interest other than professional in this assignment and neither its performance, nor compensation for same, is contingent upon the findings, conclusions and recommendations represented herein.

6.0 CONCLUSIONS AND RECOMMENDATIONS

6.1 Conclusions

Based on the analytical results obtained during this RI as well as the analytical data presented in the Site Characterization and Data Summary Report dated September 2006 and the Supplemental Site Investigation Report dated April 2007, the following has been concluded:

- The contaminants of concern at the Site include VOCs, SVOCs, the PCB Aroclor 1260 and metals.

- No pesticides were detected above 6 NYCRR Part 375 Unrestricted Use SCOs or NYSDEC TOGS.

- The VOCs of concern were detected in the soil, soil vapor, and groundwater samples collected at the Site. These include both organic solvents and petroleum related compounds along with their degradation products; benzene, acetone, chloroform, ethylbenzene, isopropylbenzene, methyl tert-butyl benzene, n-propylbenzene, 1,2,4-Trimethylbenzene, 1,3,5-Trimethylbenzene, toluene, tetrachlroethylene, and xylenes.

- Several SVOCs commonly referred to as polynuclear aromatic hydrocarbons or “PAHs” were detected at varying depths in soil samples throughout the Site above 6 NYCRR Part 375 Unrestricted Use SCOs and in shallow groundwater samples above NYSDEC TOGS.

- The PCB Aroclor 1260 was detected in the soil and groundwater in the former gasoline station portion of the Property. One of the detections of Aroclor 1260 in the groundwater was above NYSDEC TOGS.

- Several metals were detected in the soil and groundwater samples above the 6 NYCRR Part 375 Unrestricted Use SCOs and NYSDEC TOGS, respectively.

6.2 Recommendations

Based on the conclusions, CA RICH recommends the following:

- A RAWP should be prepared for this Site. The RAWP should incorporate remediation of the Site concurrent with redevelopment. The RAWP should include the excavation and removal of impacted on-Site soils/fill materials as needed for the proposed new building's foundation. The RAWP should also include contingencies for the removal of any underground storage tanks (USTs) and/or hydraulic lifts in accordance with NYSDEC regulations that may be encountered during excavation activities.

- Due to Site-wide detections of VOCs in the soil vapor, the installation of a combined sub-slab venting system and vapor barrier should be incorporated beneath the entire new building's foundation. The vapor barrier and venting system will effectively prevent the potential for off-gassing vapors from the groundwater from accumulating within, or migrating up into, the future basement/crawl space interior. The specifications for the vapor barrier and venting system should be included in the RAWP.

- It is recommended that the redevelopment plans include a minimum two-foot clean fill buffer in any landscaped or non-capped areas. Further, a highly visible demarcation membrane/barrier (such as an orange plastic construction fence or equivalent) should be installed beneath the two feet of clean fill/top soil cap. Documentation certifying that the fill is "clean" should be obtained prior to delivery of the fill to the Site.

- A Health and Safety Plan to be used during redevelopment/construction activities should be prepared. The Construction Health and Safety Plan (CHASP) should include measures for the prevention of ingestion, inhalation, or dermal contact of on-Site soils and groundwater during redevelopment activities.

7.0 REFERENCES

1. CA RICH. Remedial Investigation Work Plan, Quality Assurance Project Plan, and Health and Safety Plan. New York: Author, January 2009.

2. NYSDEC. Draft Brownfield Cleanup Program Guide. New York: Author, May 2004.

3. NYSDEC. Draft DER-10 Technical Guidance for Site Investigation and Remediation. New York: Author, December 2002.

4. NYSDEC. 6 NYCRR Part 375 Environmental Remediation Programs, Environmental Remediation Programs, Subparts 375-1 to 375- 4 & 375-6. New York: Author, December 2006.

5. URS Corporation. Site Characterization and Data Summary Report. New York: Author, September 2006.

6. CA RICH. Supplemental Site Investigation Work Plan. New York: Author, April 2007.

7. Earth Tech, Inc. Phase I Environmental Site Assessment. New York, Author, December 2004.

8. NYSDEC. Technical And Guidance Memorandum: Determination of Soil Cleanup Objectives and Cleanup Levels. New York, Author, January 24, 1994.

9. NYSDEC. Technical and Operational Guidance Series (1.1.1) Ambient Water Quality Standards and Guidance Values. New York, Author, October 22, 1993.

10. NYSDOH. Guidance for Evaluating Soil Vapor Intrusion in the State of New York. New York, Author, October 2006.

11. Baskerville, Charles A. Geology of the New York Metropolitan Area, Field Trip Guidebook T361, July 20-25, 1989. New York, 28th International Geologic Congress, July 1989.

FIGURES



LEGEND

Approx. Property Boundary

Approx. Scale (Miles)

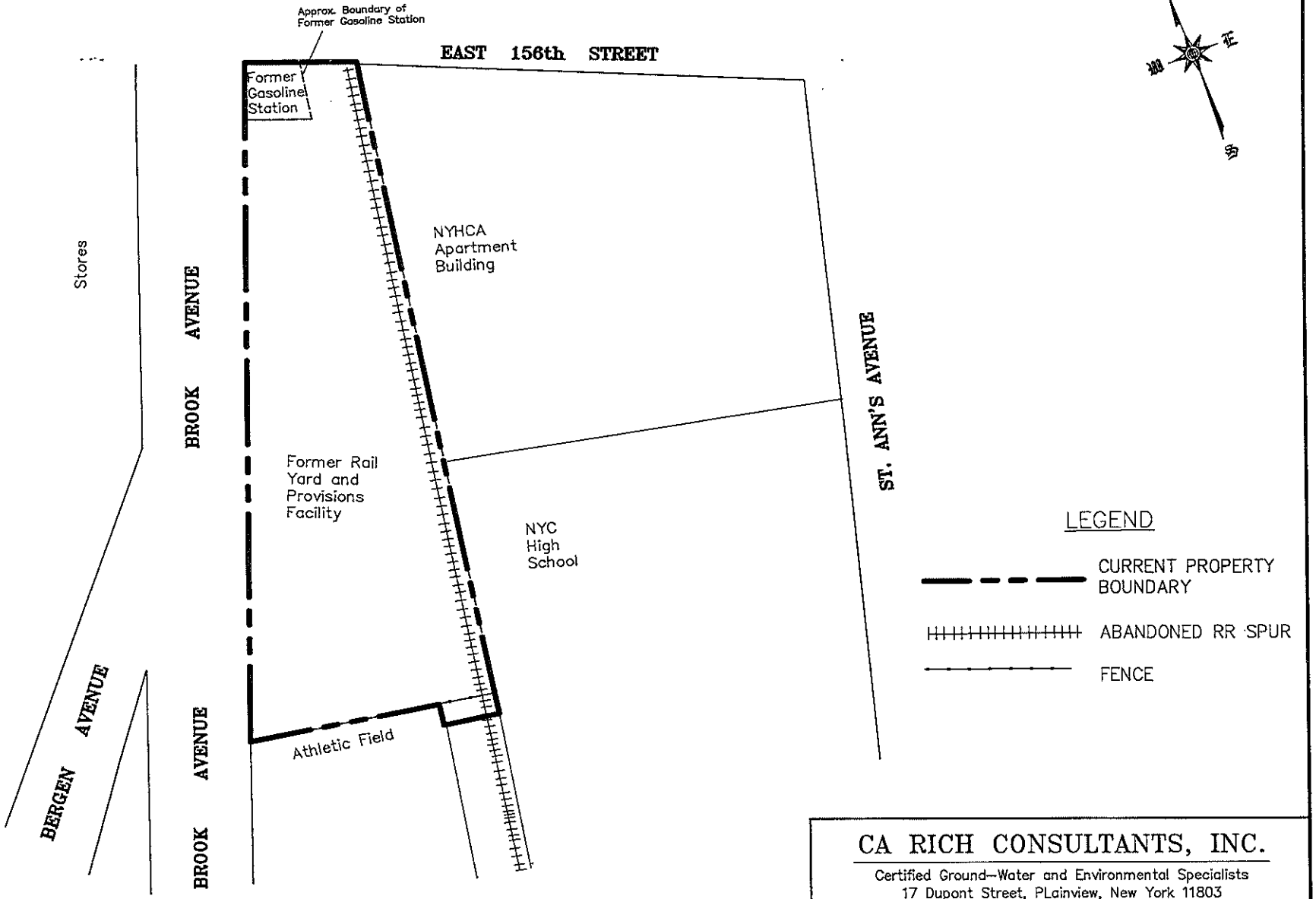
0 0.5 1.0 2.0 3.0

N W E S

CA RICH CONSULTANTS, INC.

Certified Ground-Water and Environmental Specialists
17 Dupont Street, Plainview, New York 11803

TITLE: SITE LOCATION MAP		DATE: 3/02/09
		SCALE: As Shown
FIGURE: 1	Via Verde New Housing New York Legacy 700-730 Brook Avenue Bronx, New York	DRAWN BY: D.S.
DRAWING NO: Site Loc. Map		APPR. BY: R.J.I



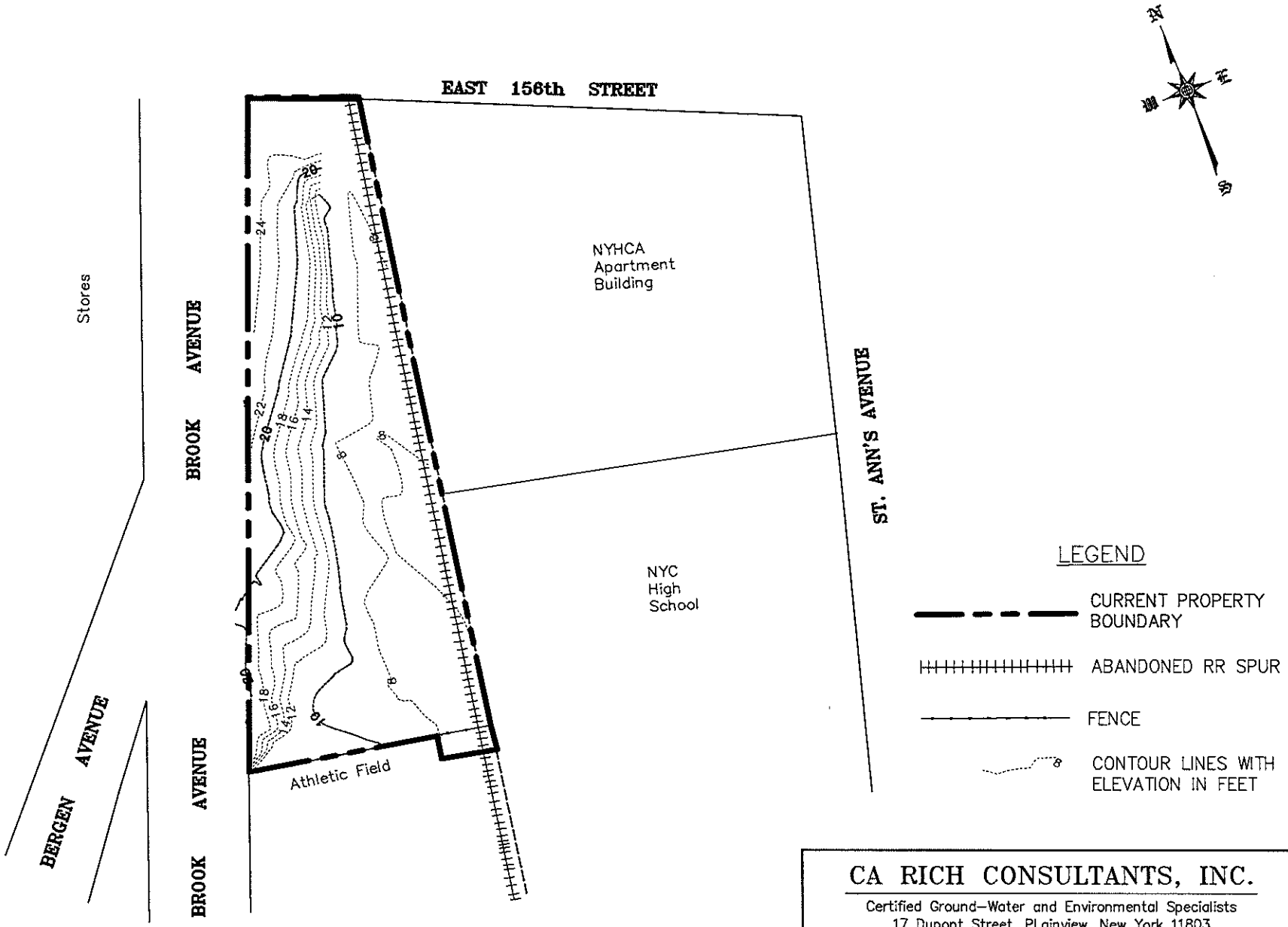
NOTES:

1. MAP ADAPTED FROM DDC TOPOGRAPHICAL AND PROPERTY LINE MAP 8-17-06 AND MONTROSE SURVEY DATED 10-8-07

CA RICH CONSULTANTS, INC.
Certified Ground-Water and Environmental Specialists
17 Dupont Street, PLainview, New York 11803

SITE PLAN

FIGURE: 2	TITLE: VIA VERDE NEW HOUSING NEW YORK LEGACY 700-730 BROOK AVENUE BRONX, NEW YORK	DATE: 12-24-09
DRAWING NO: SP 2009		SCALE: AS SHOWN
		DRAWN BY: J.T.C.
		APPR. BY: D.S.



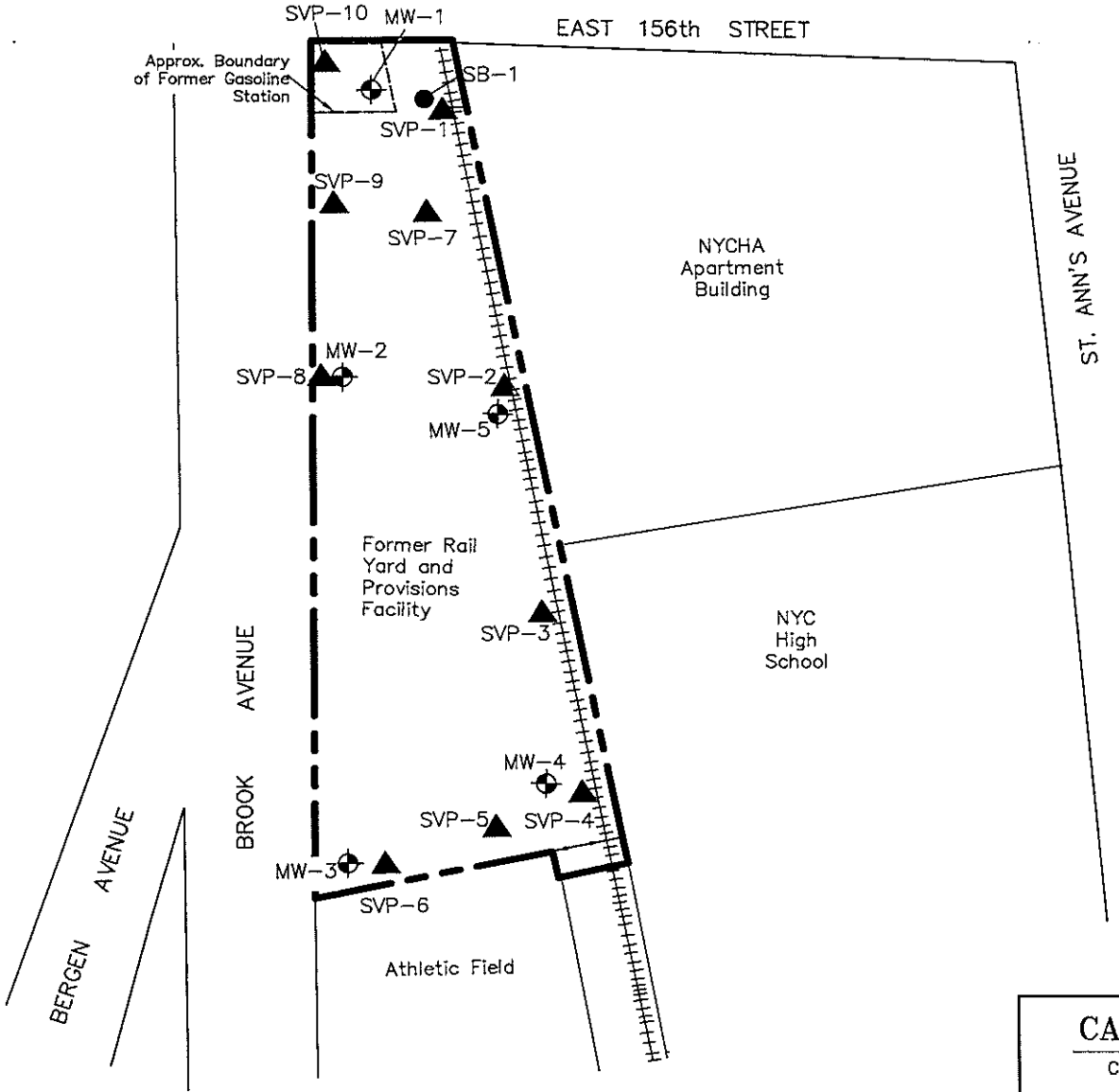
NOTES:

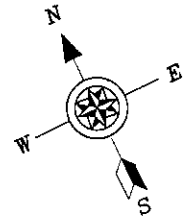
1. MAP ADAPTED FROM DDC TOPOGRAPHICAL AND PROPERTY LINE MAP 8-17-06 AND MONTROSE SURVEY DATED 10-8-07

CA RICH CONSULTANTS, INC.
Certified Ground-Water and Environmental Specialists
17 Dupont Street, PLainview, New York 11803

SITE ELEVATION MAP

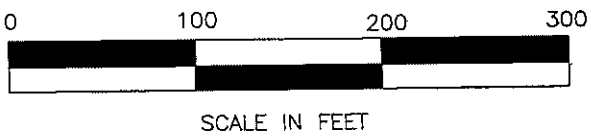
DATE:	3-2-09
SCALE:	AS SHOWN
FIGURE:	3
TITLE:	VIA VERDE NEW HOUSING NEW YORK LEGACY 700-730 BROOK AVENUE BRONX, NEW YORK
DRAWN BY:	D.S.
DRAWING NO:	SP w/Elev.
APPR. BY:	R.J.I.





LEGEND

- CURRENT PROPERTY BOUNDARY
- ABANDONED RR SPUR
- FENCE
- SOIL VAPOR LOCATION
- GROUNDWATER MONITORING WELL LOCATION
- SOIL BORING



NOTES:

1. MAP ADAPTED FROM DDC TOPOGRAPHICAL AND PROPERTY LINE MAP 8–17–06 AND MONTROSE SURVEY DATED 10–8–07

CA RICH CONSULTANTS, INC.

Certified Groundwater and Environmental Specialists
17 Dupont Street, Plainview, New York 11803

Sample Location Map

DATE: 3/25/2009

SCALE: AS SHOWN

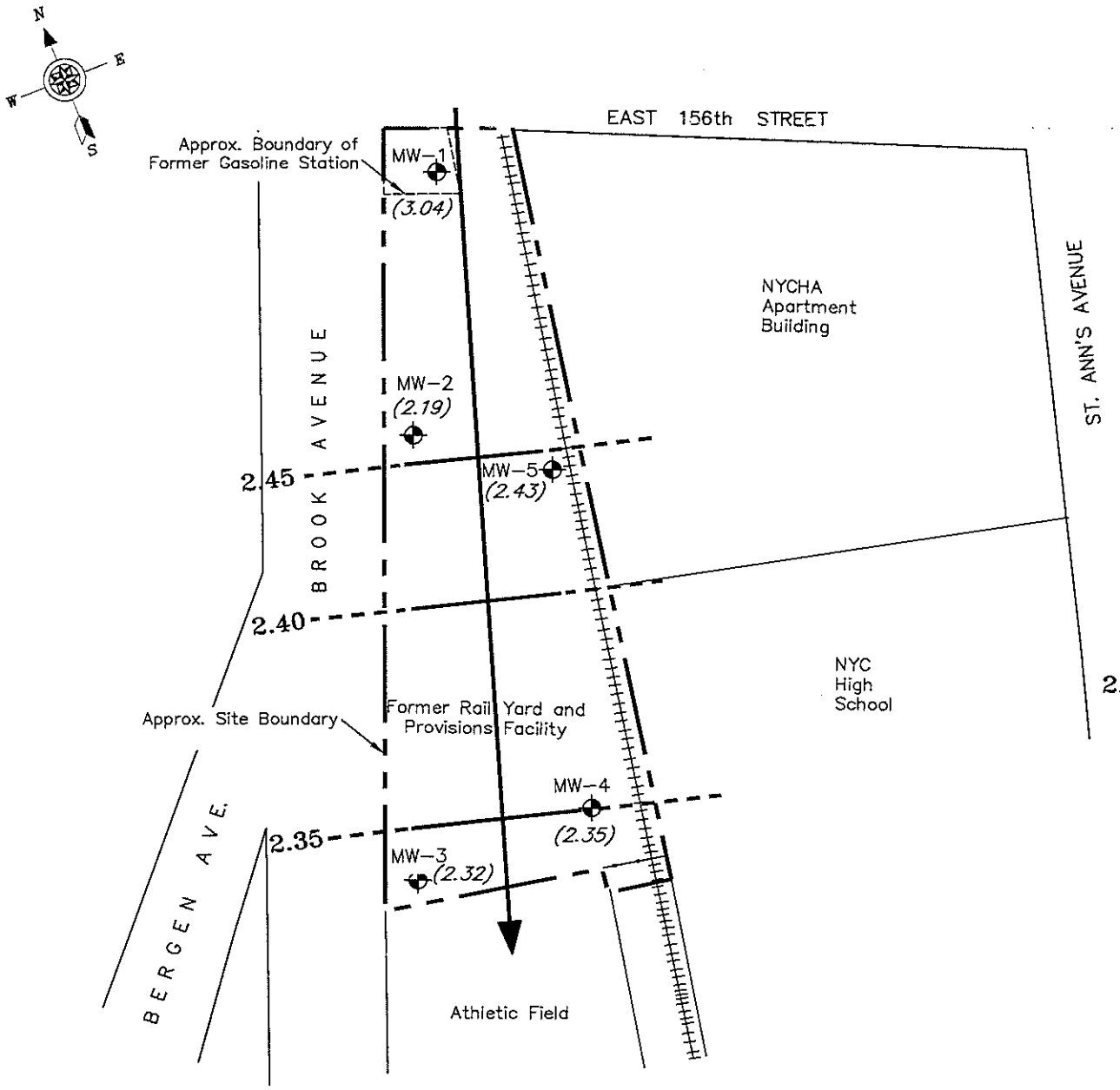
FIGURE: 4

TITLE: VIA VERDE
NEW HOUSING NEW YORK LEGACY
700–730 BROOK AVENUE
BRONX, NEW YORK

DRAWN BY: J.T.C.

DRAWING NO: 2009–6

APPR. BY: D.S.



WELL ID	Depth to Water	Top Of Casing Elevation	Well Elevation
MW-1	21.73	24.77	3.04
MW-2	19.79	21.98	2.19
MW-3	9.32	11.64	2.32
MW-4	4.89	7.24	2.35
MW-5	4.88	7.31	2.43

LEGEND

- MW-1 — GROUNDWATER MONITORING WELL LOCATION and DESIGNATION
- (2.19) — GROUNDWATER ELEVATION IN FEET ABOVE MEAN SEA LEVEL
- 2.45 — GROUNDWATER ELEVATION CONTOUR IN FEET ABOVE MEAN SEA LEVEL (DASHED WHERE INFERRED)
- GENERAL DIRECTION OF GROUNDWATER FLOW
- ABANDONED RR SPUR
- FENCE

0 50 100 200

GRAPHIC SCALE IN FEET

Contour Interval 0.05 Feet

NOTES:

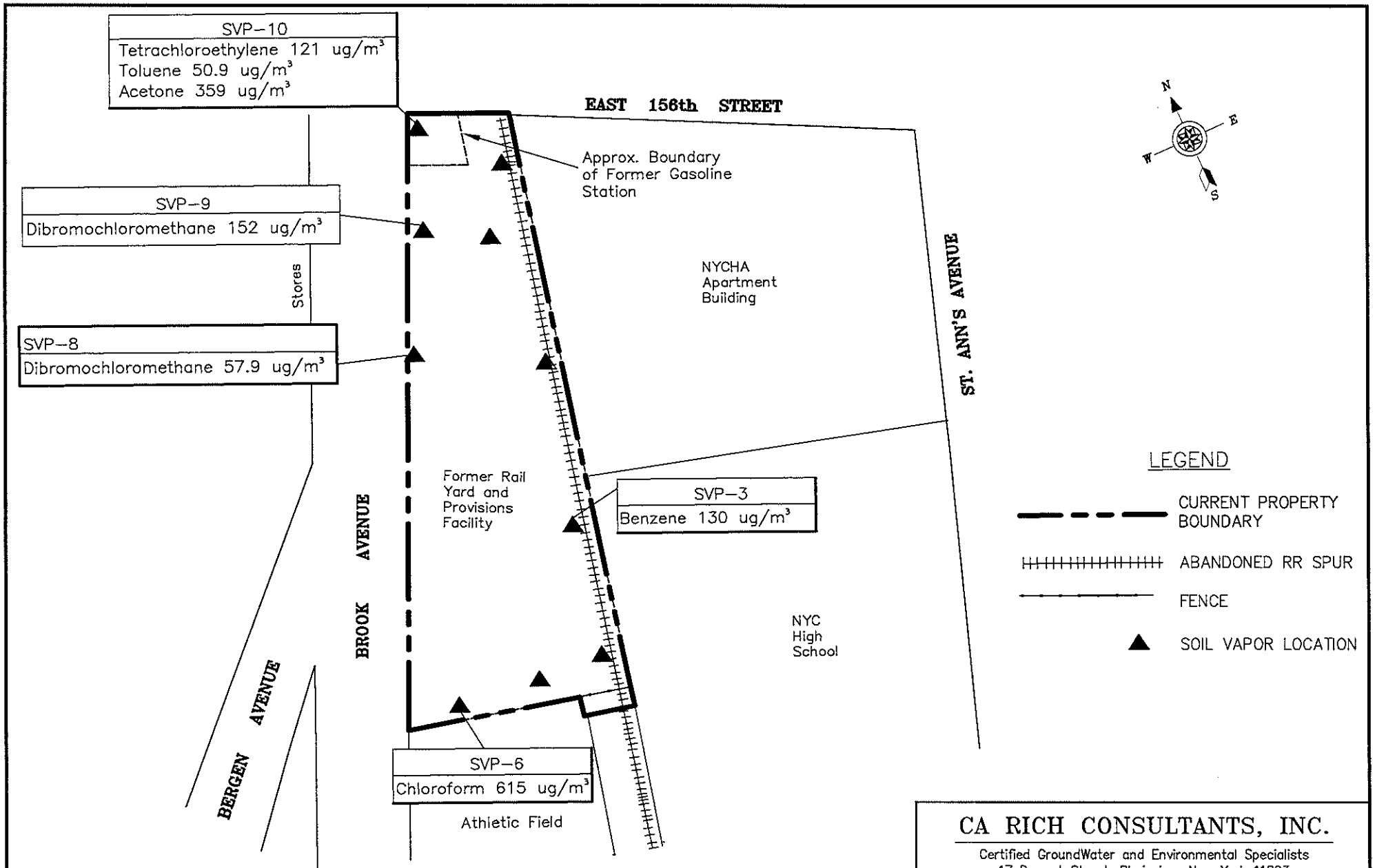
1. MAP ADAPTED FROM DDC TOPOGRAPHICAL AND PROPERTY LINE MAP 8-17-06 AND MONTROSE SURVEY DATED 10-8-07
2. MW-2 DATA NOT USED IN GENERATING CONTOUR MAP.

CA RICH CONSULTANTS, INC.

Certified Groundwater and Environmental Specialists
17 Dupont Street, Plainview, New York 11803

Groundwater Elevation Contour Map
February 12, 2009

DATE: 3/24/2009
SCALE: AS SHOWN
FIGURE: 5
TITLE: VIA VERDE NEW HOUSING NEW YORK LEGACY 700-730 BROOK AVENUE BRONX, NEW YORK
DRAWN BY: J.T.C./S.T.M.
DRAWING NO: 2009-9.1
APPR. BY: D.S.



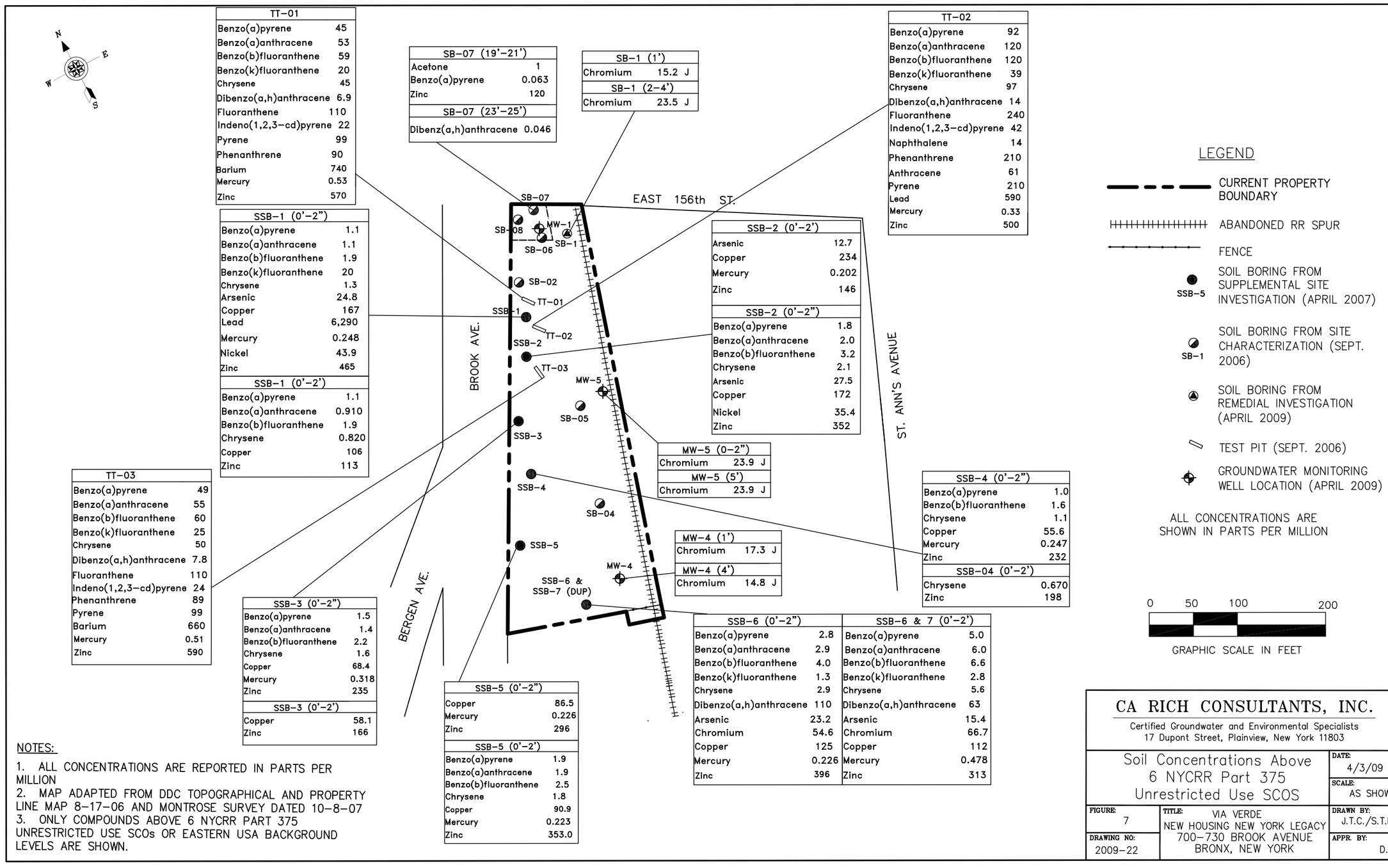
NOTES:

1. MAP ADAPTED FROM DDC TOPOGRAPHICAL AND PROPERTY LINE MAP 8–17–06 AND MONTROSE SURVEY DATED 10–8–07

CA RICH CONSULTANTS, INC.
Certified GroundWater and Environmental Specialists
17 Dupont Street, PLainview, New York 11803

Volatile Organic Compounds Detected in Soil Vapor Samples Above 50 ug/m³

DATE: 3/24/2009
SCALE: AS SHOWN
FIGURE: 6
TITLE: VIA VERDE NEW HOUSING NEW YORK LEGACY 700–730 BROOK AVENUE BRONX, NEW YORK
DRAWN BY: J.T.C./S.T.M.
DRAWING NO: 2009–10
APPR. BY: D.S.



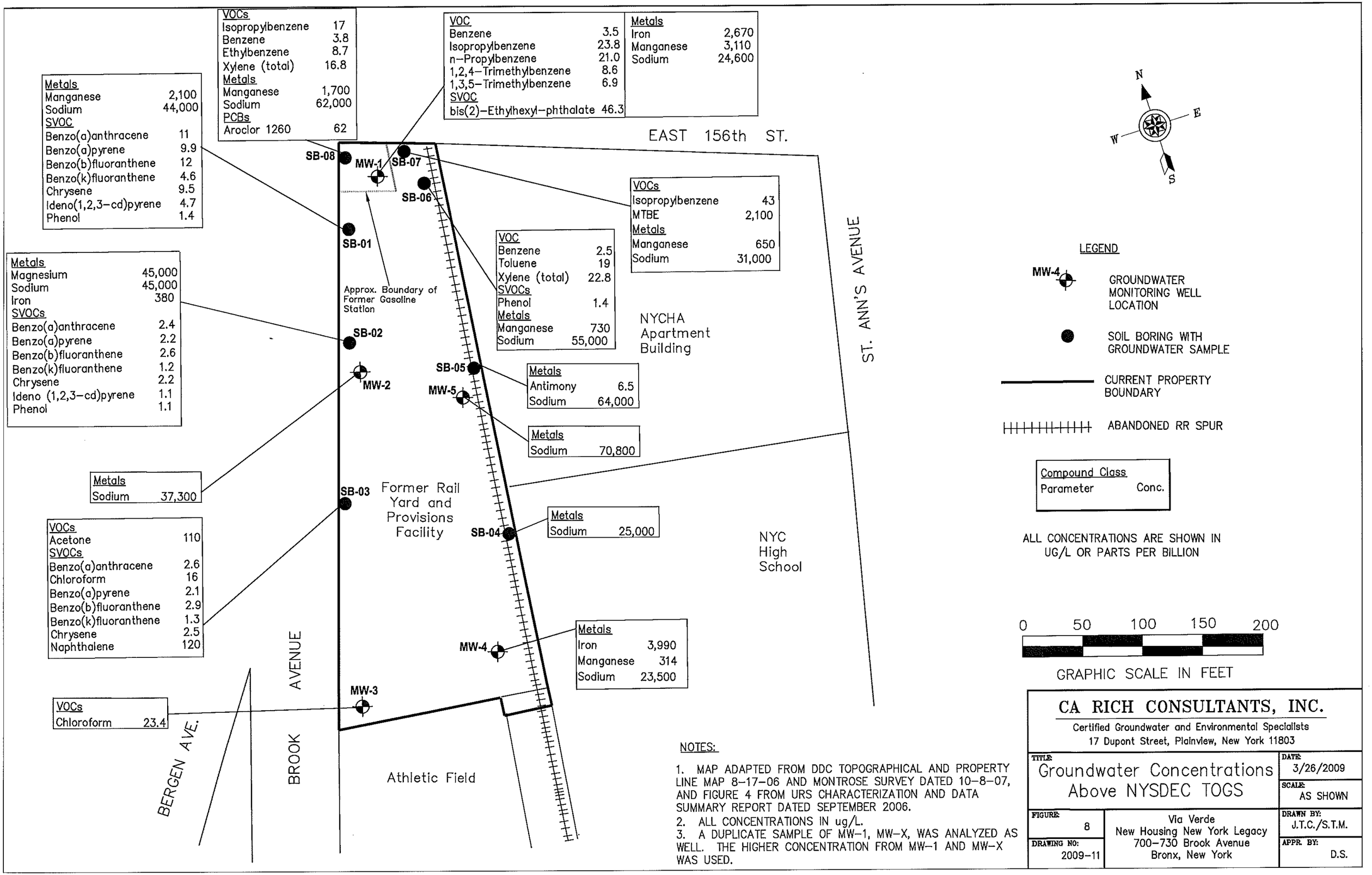
NOTES:

1. ALL CONCENTRATIONS ARE REPORTED IN PARTS PER MILLION
2. MAP ADAPTED FROM DDC TOPOGRAPHICAL AND PROPERTY LINE MAP 8-17-06 AND MONTROSE SURVEY DATED 10-8-07
3. ONLY COMPOUNDS ABOVE 6 NYCRR PART 375 UNRESTRICTED USE SCOs OR EASTERN USA BACKGROUND LEVELS ARE SHOWN.

CA RICH CONSULTANTS, INC.
Certified Groundwater and Environmental Specialists
17 Dupont Street, Plainview, New York 11803

Soil Concentrations Above 6 NYCRR Part 375 Unrestricted Use SCOS

DATE: 4/3/09
SCALE: AS SHOWN
FIGURE: 7
TITLE: VIA VERDE NEW HOUSING NEW YORK LEGACY 700-730 BROOK AVENUE BRONX, NEW YORK
DRAWN BY: J.T.C./S.T.M.
DRAWING NO: 2009-22
APPR. BY: D.S.



NOTES:

1. MAP ADAPTED FROM DDC TOPOGRAPHICAL AND PROPERTY LINE MAP 8–17–06 AND MONTROSE SURVEY DATED 10–8–07, AND FIGURE 4 FROM URS CHARACTERIZATION AND DATA SUMMARY REPORT DATED SEPTEMBER 2006.
2. ALL CONCENTRATIONS IN ug/L.
3. A DUPLICATE SAMPLE OF MW–1, MW–X, WAS ANALYZED AS WELL. THE HIGHER CONCENTRATION FROM MW–1 AND MW–X WAS USED.

CA RICH CONSULTANTS, INC.
Certified Groundwater and Environmental Specialists
17 Dupont Street, Plainview, New York 11803

TITLE: Groundwater Concentrations Above NYSDEC TOGS	DATE: 3/26/2009
	SCALE: AS SHOWN
FIGURE: 8	DRAWN BY: J.T.C./S.T.M.
DRAWING NO: 2009–11	APPR. BY: D.S.

Via Verde
New Housing New York Legacy
700–730 Brook Avenue
Bronx, New York

TABLES

Table 1 (page 1 of 2)

Analytical Results of Volatile Organic Compounds In Soil Vapor Samples

Via Verde aka New Housing New York Legacy Project
700-730 Brook Avenue, Bronx, New York
BCP # C203043

Sample ID	SVP-1	SVP-2	SVP-3	SVP-4	SVP-5
Matrix	Soil Vapor	Soil Vapor	Soil Vapor	Soil Vapor	Soil Vapor
Date Sampled	2/10/2009	2/10/2009	2/25/2009	2/10/2009	2/10/2009
Volatile Organic Compounds via EPA Method TO-15					
Units	ug/m^3	ug/m^3	ug/m^3	ug/m^3	ug/m^3
Acetone	4.0	8.1	34.1	12	28.7
1,3-Butadiene	ND	ND	ND	ND	ND
Benzene	ND	1.5 J	130	ND	ND
Bromodichloromethane	ND	ND	ND	ND	ND
Bromoform	ND	ND	ND	ND	ND
Bromomethane	ND	ND	ND	ND	ND
Bromoethene	ND	ND	ND	ND	ND
Benzyl Chloride	ND	ND	ND	ND	ND
Carbon Disulfide	ND	4.4	2.2	4.0	3.4
Chlorobenzene	ND	ND	ND	ND	ND
Chloroethane	ND	ND	ND	ND	ND
Chloroform	ND	ND	ND	ND	ND
Chloromethane	ND	ND	ND	ND	ND
3-Chloropropene	ND	ND	ND	ND	ND
2-Chlorotoluene	ND	ND	ND	ND	ND
Carbon tetrachloride	ND	ND	ND	ND	ND
Cyclohexane	ND	ND	ND	ND	ND
1,1 - Dichloroethane	ND	ND	ND	ND	ND
1,1 - Dichloroethylene	ND	ND	ND	ND	ND
1,2 - Dibromoethane	ND	ND	ND	ND	ND
1,2-Dichloroethane	ND	ND	ND	ND	ND
1,2-Dichloropropane	ND	ND	ND	ND	ND
1,4-Dioxane	ND	ND	ND	ND	ND
Dichlorodifluoromethane	ND	ND	ND	ND	ND
Dibromochloromethane	ND	ND	ND	ND	ND
trans- 1,2-Dichloroethylene	ND	ND	ND	ND	ND
cis-1,2-Dichloroethylene	ND	ND	ND	ND	ND
cis-1,3-Dichloropropene	ND	ND	ND	ND	ND
m-Dichlorobenzene	ND	ND	ND	ND	ND
o-Dichlorobenzene	ND	ND	ND	ND	ND
p-Dichlorobenzene	ND	ND	ND	3.5 J	ND
trans-1,3-Dichloropropene	ND	ND	ND	ND	ND
Ethanol	6.8	7.0	40.5	3.0 J	2.4 J
Ethyl Benzene	ND	1.7 J	ND	ND	ND
Ethyl Acetate	ND	ND	ND	ND	ND
4-Ethyltoluene	ND	ND	ND	ND	ND
Freon 113	ND	ND	ND	ND	ND
Freon 114	ND	ND	ND	ND	ND
Heptane	ND	ND	0.68	ND	ND
Hexachlorobutadiene	ND	ND	ND	ND	ND
Hexane	ND	ND	ND	ND	2.2 J
2-Hexanone	ND	ND	1.8	ND	ND
Isopropyl Alcohol	ND	ND	3.2	ND	ND
Methylene chloride	ND	ND	ND	ND	2.4 J
Methyl ethyl ketone	ND	ND	5.6	ND	ND
Methyl Isobutyl Ketone	ND	ND	ND	ND	ND
Methyl Tert Butyl Ether	ND	ND	ND	ND	ND
Propylene	ND	ND	10.8	ND	ND
Styrene	ND	ND	ND	ND	ND
1,1,1-Trichloroethane	ND	ND	ND	ND	ND
1,1,2,2-Tetrachloroethane	ND	ND	ND	ND	ND
1,1,2-Trichloroethane	ND	ND	ND	ND	ND
1,2,4-Trichlorobenzene	ND	ND	ND	ND	ND
1,2,4-Trimethylbenzene	ND	ND	ND	ND	ND
1,3,5-Trimethylbenzene	ND	ND	ND	ND	ND
2,2,4-Trimethlpentane	7.0	8.9	ND	5.1	4.5
Tertiary Butyl Alcohol	ND	ND	1.4	ND	ND
Tetrachloroethylene	ND	ND	ND	ND	ND
Tetrahydrofuran	ND	ND	3.5	ND	ND
Toluene	17	18	ND	22	4.5
Trichloroethylene	ND	2.3 J	ND	ND	ND
Trichlorofluoromethane	ND	ND	ND	3.4 J	ND
Vinyl Chloride	ND	ND	ND	ND	ND
Vinyl Acetate	ND	ND	ND	ND	ND
m,p-Xylene	4.0	4.2	ND	3.7	ND
o-Xylene	ND	ND	ND	ND	ND
Xylenes (total)	4.0	4.2	ND	3.7	ND

Notes:
All concentrations are shown in ug/m^3-micrograms per cubic meter
All samples collected over 2 hour period
J - Indicates an etimated value
ND - Not detected at or above reporting limits

Validated

Table 1 (page 2 of 2)

Analytical Results of Volatile Organic Compounds In Soil Vapor Samples

Via Verde aka New Housing New York Legacy Project
700-730 Brook Avenue, Bronx, New York
BCP # C203043

Sample ID	SVP-6	SVP-7	SVP-8	SVP-9	SVP-10
Matrix	Soil Vapor	Soil Vapor	Soil Vapor	Soil Vapor	Soil Vapor
Date Sampled	2/10/2009	2/10/2009	2/10/2009	2/10/2009	2/10/2009
Volatile Organic Compounds via EPA Method TO-15					
Units	ug/m^3	ug/m^3	ug/m^3	ug/m^3	ug/m^3
Acetone	5.2	16	6.9	5.7	359
1,3-Butadiene	ND	ND	ND	ND	ND
Benzene	1.6 J	3.1	ND	ND	11
Bromodichloromethane	12	ND	ND	ND	ND
Bromoform	ND	ND	ND	ND	ND
Bromomethane	ND	ND	ND	ND	ND
Bromoethene	ND	ND	ND	ND	ND
Benzyl Chloride	ND	ND	ND	ND	ND
Carbon Disulfide	4.7	11	ND	ND	42.7
Chlorobenzene	ND	ND	ND	ND	ND
Chloroethane	ND	ND	ND	ND	ND
Chloroform	615	ND	8.3	5.4	ND
Chloromethane	ND	ND	ND	ND	ND
3-Chloropropene	ND	ND	ND	ND	ND
2-Chlorotoluene	ND	ND	ND	ND	ND
Carbon tetrachloride	ND	ND	ND	ND	ND
Cyclohexane	ND	ND	ND	ND	5.9
1,1 - Dichloroethane	ND	ND	ND	ND	ND
1,1 - Dichloroethylene	ND	ND	ND	ND	ND
1,2 - Dibromoethane	ND	ND	ND	ND	ND
1,2-Dichloroethane	ND	ND	ND	ND	ND
1,2-Dichloropropane	ND	ND	ND	ND	ND
1,4-Dioxane	ND	ND	ND	ND	ND
Dichlorodifluoromethane	5.9	5.4	ND	ND	ND
Dibromochloromethane	ND	ND	57.9	152	ND
trans- 1,2-Dichloroethylene	ND	ND	ND	ND	ND
cis-1,2-Dichloroethylene	ND	ND	ND	ND	ND
cis-1,3-Dichloropropene	ND	ND	ND	ND	ND
m-Dichlorobenzene	ND	ND	ND	ND	ND
o-Dichlorobenzene	ND	ND	ND	ND	ND
p-Dichlorobenzene	ND	2.3 J	ND	ND	ND
trans-1,3-Dichloropropene	ND	ND	ND	ND	ND
Ethanol	4.9	4.5	15	5.8	12
Ethyl Benzene	ND	ND	ND	ND	3.8
Ethyl Acetate	ND	ND	ND	ND	ND
4-Ethyltoluene	ND	ND	ND	ND	ND
Freon 113	ND	ND	ND	ND	ND
Freon 114	ND	ND	ND	ND	ND
Heptane	ND	7.8	ND	ND	18
Hexachlorobutadiene	ND	ND	ND	ND	ND
Hexane	ND	9.9	2.2 J	ND	15
2-Hexanone	ND	ND	ND	ND	ND
Isopropyl Alcohol	ND	ND	ND	ND	ND
Methylene chloride	7.6	2.5 J	3.2	3.0	ND
Methyl ethyl ketone	ND	ND	ND	ND	32.1
Methyl Isobutyl Ketone	ND	3.4	ND	2.8 J	ND
Methyl Tert Butyl Ether	ND	ND	ND	ND	ND
Propylene	ND	5.7	ND	ND	ND
Styrene	ND	ND	ND	ND	ND
1,1,1-Trichloroethane	ND	ND	ND	ND	ND
1,1,2,2-Tetrachloroethane	ND	ND	ND	ND	ND
1,1,2-Trichloroethane	ND	ND	ND	ND	ND
1,2,4-Trichlorobenzene	ND	ND	ND	ND	ND
1,2,4-Trimethylbenzene	ND	ND	ND	ND	ND
1,3,5-Trimethylbenzene	ND	ND	ND	ND	ND
2,2,4-Trimethlpentane	7.0	4.3	ND	ND	ND
Tertiary Butyl Alcohol	ND	ND	ND	ND	2.4 J
Tetrachloroethylene	8.1	22	5.4	5.3 J	121
Tetrahydrofuran	ND	ND	ND	ND	ND
Toluene	11	22	12	17	50.9
Trichloroethylene	ND	ND	ND	ND	ND
Trichlorofluoromethane	ND	ND	ND	5.0	ND
Vinyl Chloride	ND	ND	ND	ND	ND
Vinyl Acetate	ND	ND	ND	ND	ND
m,p-Xylene	ND	3.3 J	ND	ND	10
o-Xylene	ND	ND	ND	ND	2.5 J
Xylenes (total)	ND	3.3 J	ND	ND	12

Notes:
All concentrations are shown in ug/m^3-micrograms per cubic meter
All samples collected over 2 hour period
J - Indicates an etimated value
ND - Not detected at or above reporting limits

Validated

Table 2

Analytical Results for Volatile Organic Compounds in Soil Samples

Via Verde aka New Housing New York Legacy Project

700-730 Brook Avenue, Bronx, New York

BCP # C203043

Sample ID	SB-1 (1 FT)	SB-1 (2-4 FT)	MW-4 (1 FT)	MW-4 (4 FT)	MW-X (4 FT)*	MW-5 (0-2 in)	MW-5 (5 Ft)	FB 2/9	Part 375
Matrix	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Liquid	Soil Cleanup
Date Sampled	2/6/2009	2/6/2009	2/6/2009	2/6/2009	2/6/2009	2/6/2009	2/6/2009	2/9/2009	Objectives**
Volatile Organic Compounds									
Units	ug/kg	ug/Kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/L	ug/kg
Acetone	ND R	ND R	ND R	ND R	ND R	ND R	ND R	ND U J	50
Benzene	ND	ND	ND	ND	ND	ND	ND	ND	60
Bromobenzene	ND	ND	ND	ND	ND	ND	ND	ND	NVG
Bromochloromethane	ND	ND	ND	ND	ND	ND	ND	ND	NVG
Bromodichloromethane	ND	ND	ND	ND	ND	ND	ND	ND	NVG
Bromoform	ND	ND	ND	ND	ND	ND	ND	ND	NVG
Bromomethane	ND	ND	ND	ND	ND	ND	ND	ND	NVG
2-Butanone (MEK)	ND	ND	ND	ND	ND	ND	ND	ND	NVG
n-Butylbenzene	ND	ND	ND	ND	ND	ND	ND	ND	12,000
sec-Butylbenzene	ND	ND	ND	ND	ND	ND	ND	ND	11,000
tert-Butylbenzene	ND	ND	ND	ND	ND	ND	ND	ND	5,900
Carbon Tetrachloride	ND	ND	ND	ND	ND	ND	ND	ND	760
Chlorobenzene	ND	ND	ND	ND	ND	ND	ND	ND	1,100
Chloroethane	ND	ND	ND	ND	ND	ND	ND	ND	NVG
Chloroform	ND	ND	ND	ND	ND	ND	ND	ND	370
Chloromethane	ND	ND	ND	ND	ND	ND	ND	ND	NVG
o-Chlorotoluene	ND	ND	ND	ND	ND	ND	ND	ND	NVG
p-Chlorotoluene	ND	ND	ND	ND	ND	ND	ND	ND	NVG
1,2-Dibromo-3-Chloropropane	ND	ND	ND	ND	ND	ND	ND	ND	NVG
Dibromochloromethane	ND	ND	ND	ND	ND	ND	ND	ND	NVG
cis-1,2-Dichloroethene	ND	ND	ND	ND	ND	ND	ND	ND	NVG
cis-1,3-Dichloropropene	ND	ND	ND	ND	ND	ND	ND	ND	NVG
Cyclohexane	ND	ND	ND	ND	ND	ND	ND	ND	NVG
Dibromochloromethane	ND	ND	ND	ND	ND	ND	ND	ND	NVG
1,2-Dibromoethane	ND	ND	ND	ND	ND	ND	ND	ND	NVG
1,2-Dichlorobenzene	ND	ND	ND	ND	ND	ND	ND	ND	1,100
1,3-Dichlorobenzene	ND	ND	ND	ND	ND	ND	ND	ND	2,400
1,4-Dichlorobenzene	ND	ND	ND	ND	ND	ND	ND	ND	1,800
Dichlorodifluoromethane	ND	ND	ND	ND	ND	ND	ND	ND	NVG
1,1-Dichloroethane	ND	ND	ND	ND	ND	ND	ND	ND	270
1,2-Dichloroethane	ND	ND	ND	ND	ND	ND	ND	ND	20
1,1-Dichloroethene	ND	ND	ND	ND	ND	ND	ND	ND	330
cis-1,2-Dichloroethene	ND	ND	ND	ND	ND	ND	ND	ND	250
trans-1,2-Dichloroethene	ND	ND	ND	ND	ND	ND	ND	ND	190
1,2-Dichloropropane	ND	ND	ND	ND	ND	ND	ND	ND	NVG
1,3-Dichloropropane	ND	ND	ND	ND	ND	ND	ND	ND	NVG
2,2-Dichloropropane	ND	ND	ND	ND	ND	ND	ND	ND	NVG
cis-1,3-Dichloropropene	ND	ND	ND	ND	ND	ND	ND	ND	NVG
trans-1,3-Dichloropropene	ND	ND	ND	ND	ND	ND	ND	ND	NVG
Ethyl Benzene	ND	ND	1.4	ND	ND	0.77 J	ND	ND	1,000
Hexachlorobutadiene	ND	ND	ND	ND	ND	ND	ND	ND	NVG
Isopropylbenzene	ND	ND	ND	ND	ND	ND	ND	ND	NVG
p-Isopropyltoluene	ND	ND	ND	ND	ND	ND	ND	ND	NVG
Methyl Tert Butyl Ether	ND	ND	ND	ND	ND	ND	ND	ND	930
4-Methyl-2-Pentanone	ND	ND	ND	ND	ND	ND	ND	ND	NVG
Methylene bromide	ND	ND	ND	ND	ND	ND	ND	ND	NVG
Methylene Chloride	ND	ND	ND	ND	ND	ND	ND	ND	50
Naphthalene	ND	ND	ND	ND	ND	ND	ND	ND	12,000
n-Propylbenzene	ND	ND	ND	ND	ND	ND	ND	ND	3,900
Styrene	ND	ND	ND	ND	ND	ND	ND	ND	NVG
1,1,1,2-Tetrachloroethane	ND	ND	ND	ND	ND	ND	ND	ND	NVG
1,1,2,2-Tetrachloroethane	ND	ND	ND	ND	ND	ND	ND	ND	NVG
Tetrachloroethene	ND	ND	0.82 J	ND	ND	ND	ND	ND	1,300
Toluene	ND	ND	4.2	ND	ND	9.7	4.3	ND	700
1,2,3-Trichlorobenzene	ND	ND	ND	ND	ND	ND	ND	ND	NVG
1,2,4-Trichlorobenzene	ND	ND	ND	ND	ND	ND	ND	ND	NVG
1,1,1-Trichloroethane	ND	ND	ND	ND	ND	ND	ND	ND	NVG
1,1,2-Trichloroethane	ND	ND	ND	ND	ND	ND	ND	ND	NVG
Trichloroethene	ND	ND	ND	ND	ND	ND	ND	ND	470
Trichlorofluoromethane	ND	ND	ND	ND	ND	ND	ND	ND	NVG
1,2,3-Trichloropropane	ND	ND	ND	ND	ND	ND	ND	ND	NVG
1,2,4-Trimethylbenzene	ND	ND	ND	ND	ND	ND	ND	ND	3,600
1,3,5-Trimethylbenzene	ND	ND	ND	ND	ND	ND	ND	ND	8,400
m,p-Xylene	ND	ND	ND	ND	ND	1.9 J	1.3 J	ND	260
o-Xylene	ND	ND	ND	ND	ND	ND	ND	ND	260
Xylenes (total)	ND	ND	ND	ND	ND	2.2 J	1.3 J	ND	260
Vinyl Chloride	ND	ND	ND	ND	ND	ND	ND	ND	200

Notes:

ug/Kg - micrograms per kilogram or parts per billion

ND - Not detected at or above laboratory detection limits

NVG - No Value Given

U- The analyte was analyzed for, but was not detected above the reported sample quantitation limit.

J - Estimated Value

R - The sample result is unreliable/unusable. The presence or absence of the analyte can not be verified.

FB - Field Blank

*MW-X (4ft) is a duplicate of MW-4 (4ft)

***6 NYCRR Part 375; Subparts 375-1 to 375-4 & 375-6; Table 375-6.8(a):Unrestricted Use Soil Cleanup Objectives*

Validated

Table 3

Analytical Results for Semi-Volatile Organic Compounds in Soil Samples

Via Verde aka New Housing New York Legacy Project
700-730 Brook Avenue, Bronx, New York
BCP # C203043

Sample ID	SB-1 (1 FT)	SB-1 (2-4 FT)	MW-4 (1 FT)	MW-4 (4 FT)	MW-X (4 FT)*	MW-5 (0-2 In)	MW-5 (5 Ft)	FB 2/9	Part 375
Matrix	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Liquid	Soil Cleanup
Date Sampled	2/6/2009	2/6/2009	2/6/2009	2/6/2009	2/6/2009	2/6/2009	2/6/2009	2/9/2009	Objectives
Semi-Volatile Organic Compounds									
Units	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg
2-Chlorophenol	ND	ND	ND	ND	ND	ND	ND	ND	NVG
4-Chloro-3-methyl phenol	ND	ND	ND	ND	ND	ND	ND	ND	NVG
2,4-Dichlorophenol	ND	ND	ND	ND	ND	ND	ND	ND	NVG
2,4-Dimethylphenol	ND	ND	ND	ND	ND	ND	ND	ND	NVG
2,4-Dinitrophenol	ND	ND	ND	ND	ND	ND	ND	ND	NVG
4,6-Dinitro-o-cresol	ND	ND	ND	ND	ND	ND	ND	ND	NVG
2-Methylphenol	ND	ND	ND	ND	ND	ND	ND	ND	NVG
3+4-Methylphenol	ND	ND	ND	ND	ND	ND	ND	ND	NVG
2-Nitrophenol	ND	ND	ND	ND	ND	ND	ND	ND	NVG
4-Nitrophenol	ND	ND	ND	ND	ND	ND	ND	ND	NVG
Pentachlorophenol	ND	ND	ND	ND	ND	ND	ND	ND	800
Phenol	ND	ND	ND	ND	ND	ND	ND	ND	330
2,4,5-Trichlorophenol	ND	ND	ND	ND	ND	ND	ND	ND	NVG
2,4,6-Trichlorophenol	ND	ND	ND	ND	ND	ND	ND	ND	NVG
Acenaphthene	ND	ND	ND	ND	ND	26.5 J	ND	ND	20,000
Acenaphthylene	37.7	ND	ND	ND	ND	31.0 J	ND	ND	100,000
Acetophenone	ND	ND	ND	ND	ND	ND	ND	ND	NVG
Anthracene	27.4 J	ND	ND	ND	ND	44.9	ND	ND	100,000
Atrazine	ND	ND	ND	ND	ND	ND	ND	ND	NVG
Benzo(a)anthracene	105	45.1	37.7	ND	ND	94.4	ND	ND	1,000
Benzo(a)pyrene	120	48.6	41.2	ND	ND	107	19.6 J	ND	1,000
Benzo(b)fluoranthene	135	66.8	60.1	ND	21.9 J	151	25.2 J	ND	1,000
Benzo(g,h,i)perylene	111	58.7	43.1	ND	ND	106	23.7 J	ND	100,000
Benzo(k)fluoranthene	130	53.1	40.4	ND	ND	81.5	19.0 J	ND	800
4-Bromophenyl-phenyl ether	ND	ND	ND	ND	ND	ND	ND	ND	NVG
Butyl benzyl phthalate	ND	ND	ND	ND	ND	ND	ND	ND	NVG
1,1' -Biphenyl	ND	ND	ND	ND	ND	ND	ND	ND	NVG
Benzaldehyde	ND	ND	ND	ND	ND	ND	ND	ND	NVG
2-Chloronaphthalene	ND	ND	ND	ND	ND	ND	ND	ND	NVG
4-Chloroaniline	ND	ND	ND	ND	ND	ND	ND	ND	NVG
Carbazole	ND	ND	ND	ND	ND	ND	ND	ND	NVG
Caprolactam	ND	ND	ND	ND	ND	ND	ND	ND	NVG
Chrysene	110	47.5	44.2	ND	ND	109	23.7 J	ND	1,000
bis(2-Chloroethoxy)methane	ND	ND	ND	ND	ND	ND	ND	ND	NVG
bis(2-Chloroethyl)ether	ND	ND	ND	ND	ND	ND	ND	ND	NVG
bis(2-Chloroisopropyl)ether	ND	ND	ND	ND	ND	ND	ND	ND	NVG
4-Chlorophenyl-phenyl ether	ND	ND	ND	ND	ND	ND	ND	ND	NVG
2,4-Dinitrotoluene	ND	ND	ND	ND	ND	ND	ND	ND	NVG
2,6-Dinitrotoluene	ND	ND	ND	ND	ND	ND	ND	ND	NVG
3,3-Dichlorobenzidine	ND	ND	ND	ND	ND	ND	ND	ND	NVG
Dibenzo(a,h)anthracene	25.8 J	ND	ND	ND	ND	32.9 J	ND	ND	330
Dibenzofuran	ND	ND	ND	ND	ND	ND	ND	ND	NVG
Di-n-butyl phthalate	ND	ND	ND	ND	ND	ND	ND	ND	NVG
Di-n-octyl phthalate	ND	ND	ND	ND	ND	ND	ND	ND	NVG
Diethyl phthalate	ND	ND	ND	ND	ND	ND	ND	ND	NVG
Dimethyl phthalate	ND	ND	ND	ND	ND	ND	ND	ND	NVG
bis(2-Ethylhexyl)phthalate	77.2	193	ND	ND	53.9 J	ND	ND	ND	NVG
Fluoranthene	152	54.0	59.8	ND	ND	120	27.7 J	ND	100,000
Fluorene	ND	ND	ND	ND	ND	ND	ND	ND	30,000
Hexachlorobenzene	ND	ND	ND	ND	ND	ND	ND	ND	NVG
Hexachlorobutadiene	ND	ND	ND	ND	ND	ND	ND	ND	NVG
Hexachlorocyclopentadiene	ND	ND	ND	ND	ND	ND	ND	ND	NVG
Hexachloroethane	ND	ND	ND	ND	ND	ND	ND	ND	NVG
Indeno(1,2,3-cd)pyrene	95.6	43.1	40.1	ND	14.8 J	95.4	17.9 J	ND	500
Isophorone	ND	ND	ND	ND	ND	ND	ND	ND	NVG
2-Methylnaphthalene	ND	ND	ND	ND	ND	71.2 J	ND	ND	NVG
2-Nitroaniline	ND	ND	ND	ND	ND	ND	ND	ND	NVG
3-Nitroaniline	ND	ND	ND	ND	ND	ND	ND	ND	NVG
4-Nitroaniline	ND	ND	ND	ND	ND	ND	ND	ND	NVG
Naphthalene	ND	ND	ND	ND	ND	33.8 J	ND	ND	12,000
Nitrobenzene	ND	ND	ND	ND	ND	ND	ND	ND	NVG
N-Nitroso-di-n-propylamine	ND	ND	ND	ND	ND	ND	ND	ND	NVG
N-Nitrosodiphenylamine	ND	ND	ND	ND	ND	ND	ND	ND	NVG
Phenanthrene	30.9 J	ND	31.7 J	ND	ND	122	44.2 J	ND	100,000
Pyrene	145	53.3	47.8	ND	17.2 J	153	33.0 J	ND	100,000

Notes:
ug/Kg - micrograms per kilogram or parts per billion
ND - Not detected at or above laboratory detection limits
NVG - No Value Given
J - Estimated Value
FB - Field Blank

*MW-X (4ft) is a duplicate of MW-4 (4ft)
***6 NYCRR Part 375; Subparts 375-1 to 375-4 & 375-6; Table 375-6.8(a):Unrestricted Use Soil Cleanup Objectives*

Validated

TABLE 4

Analytical Results for Pesticides In Soil Samples

Via Verde aka New Housing New York Legacy Project
700-730 Brook Avenue, Bronx, New York
BCP # C203043

Sample ID Matrix Date Sampled	SB-1 (1 FT) Soil 2/6/2009	SB-1 (2-4 FT) Soil 2/6/2009	MW-4 (1 FT) Soil 2/6/2009	MW-4 (4 FT) Soil 2/6/2009	MW-X (4 FT)* Soil 2/6/2009	MW-5 (0-2 in) Soil 2/6/2009	MW-5 (5 Ft) Soil 2/6/2009	FB 2/9 Liquid 2/9/2009	Part 375** Soil Cleanup Objectives
Pesticides									
Units	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg
Aldrin	ND	ND	ND	ND	ND	ND	ND	ND	5
alpha-BHC	ND	ND	ND	ND	ND	ND	ND	ND	20
beta-BHC	ND	ND	ND	ND	ND	ND	ND	ND	36
delta-BHC	ND	ND	ND	ND	ND	ND	ND	ND	40
gamma-BHC	ND	ND	ND	ND	ND	ND	ND	ND	NVG
alpha-Chlordane	ND	ND	ND	ND	ND	ND	ND	ND	94
gamma-Chlordane	ND	ND	ND	ND	ND	ND	ND	ND	NVG
Dieldrin	ND	ND	ND	ND	ND	ND	ND	ND	5
4,4'-DDD	ND	ND	ND	ND	ND	ND	ND	ND	3.3
4,4'-DDE	ND	ND	ND	ND	ND	ND	ND	ND	3.3
4,4'-DDT	ND	ND	ND	ND	ND	ND	ND	ND	3.3
Endrin	ND	ND	ND	ND	ND	ND	ND	ND	14
Endosulfan Sulfate	ND	ND	ND	ND	ND	ND	ND	ND	2,400
Endrin aldehyde	ND	ND	ND	ND	ND	ND	ND	ND	NVG
Endosulfan I	ND	ND	ND	ND	ND	ND	ND	ND	2,400
Endosulfan II	ND	ND	ND	ND	ND	ND	ND	ND	2,400
Heptachlor	ND	ND	ND	ND	ND	ND	ND	ND	42
Heptachlor epoxide	ND	ND	ND	ND	ND	ND	ND	ND	NVG
Methoxychlor	ND	ND	ND	ND	ND	ND	ND	ND	NVG
Endrin ketone	ND	ND	ND	ND	ND	ND	ND	ND	NVG
Toxaphene	ND	ND	ND	ND	ND	ND	ND	ND	NVG

Notes:

ug/Kg - micrograms per kilogram or parts per billion

ND - Not detected at or above laboratory detection limits

NVG - No Value Given

J - Estimated Value

FB - Field Blank

*MW-X (4ft) is a duplicate of MW-4 (4ft)

***6 NYCRR Part 375; Subparts 375-1 to 375-4 & 375-6;*
Table 375-6.8(a):Unrestricted Use Soil Cleanup Objectives

Validated

Table 5

Analytical Results for PCBs In Soil Samples

Via Verde aka New Housing New York Legacy Project

700-730 Brook Avenue, Bronx New York

BCP # C203043

Sample ID	MW-1 (1-2 FT)	MW-1 (13 FT)	SB-1 (1 FT)	SB-1 (2-4 FT)	MW-4 (1 FT)	MW-4 (4 FT)	MW-X (4 FT)*	MW-5 (0-2 in)	MW-5 (5 FT)	FB 2/9	Part 375**
Matrix	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Liquid	Soil Cleanup
Date Samples	2/9/2009	2/9/2009	2/6/2009	2/6/2009	2/6/2009	2/6/2009	2/6/2009	2/6/2009	2/6/2009	2/9/2009	Objectives
PCBs											
Units	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg
Aroclor-1016	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	100
Aroclor-1221	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	100
Aroclor-1232	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	100
Aroclor-1242	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	100
Aroclor-1248	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	100
Aroclor-1254	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	100
Aroclor-1260	67.4	72.7	ND	ND	ND	ND	ND	ND	ND	ND	100

Notes:

ug/Kg - micrograms per kilogram or parts per billion

ND - Not detected at or above laboratory detection limits

NVG - No Value Given

J - Estimated Value

FB - Field Blank

*MW-X (4ft) is a duplicate of MW-4 (4ft)

***6 NYCRR Part 375; Subparts 375-1 to 375-4 & 375-6;*

Table 375-6.8(a):Unrestricted Use Soil Cleanup Objectives

Validated

TABLE 6

Analytical Results for Metals In Soil

Via Verde aka New Housing New York Legacy Project
700-730 Brook Avenue, Bronx, New York
BCP # C203043

Sample ID	SB-1 (1 FT)	SB-1 (2-4 FT)	MW-4 (1 FT)	MW-4 (4 FT)	MW-X (4 FT)*	MW-5 (0-2 in)	MW-5 (5 FT)	FB 2/9	Part 375**
Matrix	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Liquid	Soil Cleanup
Date Sampled	2/6/2009	2/6/2009	2/6/2009	2/6/2009	2/6/2009	2/6/2009	2/6/2009	2/9/2009	Objectives
Metals									
Units	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
Aluminum	7,120	8,470	7,140	5,820	6,860	10,200	9,360	ND	NVG
Antimony	ND U J	ND U J	ND U J	ND U J	ND U J	ND U J	ND U J	ND U J	NVG
Arsenic	2.2	ND	ND	ND	ND	2.4	ND	ND U J	13
Barium	35.2 J	51.3 J	43.7 J	53.9 J	60.9 J	70.8 J	66.2 J	ND	350
Beryllium	ND	ND	ND	ND	ND	ND	ND	ND	7.2
Cadmium	ND	ND	ND	ND	ND	ND	ND	ND	2.5
Calcium	2,990 J	3,540 J	3,380 J	23,200 J	31,800 J	5,660 J	2,540 J	ND	NVG
Chromium	**15.2 J**	**23.5 J**	**17.3 J**	**14.8 J**	**14.9 J**	**23.9 J**	**23.9 J**	ND	1
Cobalt	6.3	7.7	6.5	ND	5.7	8.5	7.2	ND	NVG
Copper	32.6	26.2	23.2	16.9	16.7	20.3	20.3	ND	50
Iron	15,300 J	16,000 J	13,400 J	10,900 J	11,200 J	20,900 J	21,000 J	ND U J	NVG
Lead	15.3 J	13.5 J	9.1 J	9.2 J	4.5 J	19.9 J	7.5 J	ND	63
Magnesium	2,920 J	4,300 J	4,130 J	13,100 J	18,900 J	5,350 J	3,500 J	ND	NVG
Manganese	252 J	276 J	270 J	373 J	354 J	235 J	312 J	ND	1,600
Mercury	ND U J	ND U J	ND J	ND U J	ND U J	0.058 J	ND U J	ND	0.18
Nickel	10.7	14.8	14.6	12.7	13.8	13.5	14.6	ND	30
Potassium	1,660 J	2,140 J	1,730 J	1,710 J	1,890 J	1,490 J	1,470 J	ND	NVG
Selenium	ND	ND	ND	ND	ND	ND	ND	ND	3.9
Silver	ND	ND	ND	ND	ND	ND	ND	ND	2
Sodium	ND	ND	ND	ND	ND	ND	ND	ND	NVG
Thallium	ND	ND	ND	ND	ND	ND	ND	ND	NVG
Vanadium	43.2 J	27.9 J	22.5 J	18.8 J	20.6 J	28.1 J	32.5 J	ND	NVG
Zinc	35.8	48.0 J	38.1 J	39.1 J	37.7 J	43.3	33.0	ND U J	109

Notes:

mg/kg - milligrams per kilogram or parts per million

ND - Not detected at or above laboratory detection limits

NVG - No Value Given

J - Estimated Value

U - The analyte was analyzed for, but was not detected above the reported sample quantitation limits.

FB - Field Blank

*MW-X (4ft) is a duplicate of MW-4 (4ft)

***6 NYCRR Part 375; Subparts 375-1 to 375-4 & 375-6; Table 375-6.8(a):Unrestricted Use Soil Cleanup Objectives*

Boxed and bold indicates exceedance of Soil Cleanup Objectives

Validated

Table 7

Analytical Results for Volatile Organic Compounds In Groundwater

Via Verde aka New Housing New York Legacy Project

700-730 Brook Avenue, Bronx, New York

BCP # C203043

Sample ID	MW-1	MW-2	MW-3	MW-4	MW-5	MW-X**	Field Blank 2/25	Trip Blank	NYSDEC
Matrix	groundwater	groundwater	groundwater	groundwater	groundwater	groundwater	liquid	liquid	TOGs*
Date Sampled	2/25/2009	2/25/2009	2/25/2009	2/25/2009	2/25/2009	2/25/2009	2/25/2009	2/25/2009	
Volatile Organic Compounds									
Units	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Acetone	11.2	3.5 J	ND	ND	ND	9.8 J	ND	ND	50
Benzene	**3.3**	ND	ND	ND	ND	**3.5**	ND	ND	1
Bromobenzene	ND	ND	ND	ND	ND	ND	ND	ND	5
Bromochloromethane	ND	ND	ND	ND	ND	ND	ND	ND	5
Bromodichloromethane	ND	ND	1.7	ND	ND	ND	ND	ND	50
Bromoform	ND	ND	ND	ND	ND	ND	ND	ND	50
Bromomethane	ND	ND	ND	ND	ND	ND	ND	ND	5
2-Butanone (MEK)	ND	ND	ND	ND	ND	ND	ND	ND	50
n-Butylbenzene	ND	ND	ND	ND	ND	ND	ND	ND	5
sec-Butylbenzene	2.7 J	1.1 J	ND	ND	ND	2.9 J	ND	ND	5
tert-Butylbenzene	2.0 J	ND	ND	ND	ND	2.0 J	ND	ND	5
Carbon tetrachloride	ND	ND	ND	ND	ND	ND	ND	ND	5
Chlorobenzene	ND	ND	ND	ND	ND	ND	ND	ND	5
Chloroethane	1.4	ND	ND	ND	ND	1.7	ND	ND	5
Chloroform	0.33 J	ND	**23.4**	ND	1.1	0.31 J	ND	ND	7
Chloromethane	1.2	ND	ND	ND	ND	1.3	ND	ND	NVG
o-Chlorotoluene	ND	ND	ND	ND	ND	ND	ND	ND	5
p-Chlorotoluene	ND	ND	ND	ND	ND	ND	ND	ND	5
1,2-Dibromo-3-Chloropropane	ND	ND	ND	ND	ND	ND	ND	ND	0.04
Dibromochloromethane	ND	ND	ND	ND	ND	ND	ND	ND	50
1,2-Dibromoethane	ND	ND	ND	ND	ND	ND	ND	ND	NVG
1,2-Dichlorobenzene	ND	ND	ND	ND	ND	ND	ND	ND	3
1,3-Dichlorobenzene	ND	ND	ND	ND	ND	ND	ND	ND	3
1,4-Dichlorobenzene	ND	ND	ND	ND	ND	ND	ND	ND	3
Dichlorodifluoromethane	ND	ND	ND	ND	ND	ND	ND	ND	5
1,1-Dichloroethane	ND	ND	ND	ND	ND	ND	ND	ND	5
1,2-Dichloroethane	ND	ND	ND	ND	ND	ND	ND	ND	0.6
1,1-Dichloroethene	ND	ND	ND	ND	ND	ND	ND	ND	5
cis-1,2-Dichloroethene	ND	ND	ND	ND	ND	ND	ND	ND	5
trans-1,2-Dichloroethene	ND	ND	ND	ND	ND	ND	ND	ND	5
1,2-Dichloropropane	ND	ND	ND	ND	ND	ND	ND	ND	1
1,3-Dichloropropane	ND	ND	ND	ND	ND	ND	ND	ND	5
2,2-Dichloropropane	ND	ND	ND	ND	ND	ND	ND	ND	5
1,1-Dichloropropene	ND	ND	ND	ND	ND	ND	ND	ND	5
cis-1,3-Dichloropropene	ND	ND	ND	ND	ND	ND	ND	ND	0.4
trans-1,3-Dichloropropene	ND	ND	ND	ND	ND	ND	ND	ND	0.4
Ethylbenzene	4.1	ND	ND	ND	ND	4.3	ND	ND	5
Hexachlorobutadiene	ND	ND	ND	ND	ND	ND	ND	ND	0.5
Isopropylbenzene	**22.5**	0.43 J	ND	ND	ND	**23.8**	ND	ND	5
p-Isopropyltoluene	0.63 J	0.58 J	ND	ND	ND	0.66 J	ND	ND	5
Methyl Tert Butyl Ether	0.41 J	ND	ND	ND	ND	0.44 J	ND	ND	10
4-Methyl-2-Pentanone (MIBK)	ND	ND	ND	ND	ND	ND	ND	ND	NVG
Methylene bromide	ND	ND	ND	ND	ND	ND	ND	ND	NVG
Methylene Chloride	ND	ND	ND	ND	ND	ND	ND	ND	5
Naphthalene	6.7	ND	ND	ND	ND	6.8	ND	ND	10
n-Propylbenzene	**20.1**	0.33 J	ND	ND	ND	**21.0**	ND	ND	5
Styrene	ND	ND	ND	ND	ND	ND	ND	ND	5
1,1,1,2-Tetrachloroethane	ND	ND	ND	ND	ND	ND	ND	ND	5
1,1,2,2-Tetrachloroethane	ND	ND	ND	ND	ND	ND	ND	ND	5
Tetrachloroethene	ND	ND	ND	ND	ND	ND	ND	ND	5
Toluene	1.1	ND	ND	ND	ND	1.2	ND	ND	5
1,2,3-Trichlorobenzene	ND	ND	ND	ND	ND	ND	ND	ND	5
1,2,4-Trichlorobenzene	ND	ND	ND	ND	ND	ND	ND	ND	5
1,1,1-Trichloroethane	ND	ND	ND	ND	ND	ND	ND	ND	5
1,1,2-Trichloroethane	ND	ND	ND	ND	ND	ND	ND	ND	1
Trichloroethene	ND	ND	ND	ND	ND	ND	ND	ND	5
Trichlorofluoromethane	ND	ND	ND	ND	ND	ND	ND	ND	5
1,2,3-Trichloropropane	ND	ND	ND	ND	ND	ND	ND	ND	0.04
1,2,4-Trimethylbenzene	**8.3**	ND	ND	ND	ND	**8.6**	ND	ND	5
1,3,5-Trimethylbenzene	**6.4**	ND	ND	ND	ND	**6.9**	ND	ND	5
Vinyl chloride	ND	ND	ND	ND	ND	ND	ND	ND	2
m,p-Xylene	2.0	ND	ND	ND	ND	2.1	ND	ND	5
o-Xylene	1.2	ND	ND	ND	ND	1.2	ND	ND	5
Xylene (total)	3.2	ND	ND	ND	ND	3.3	ND	ND	5

Notes:
ug/L - micrograms per liter or parts per billion
ND - Not detected at or above laboratory detection limits
NVG - No Value Given
J - Estimated Value

**NYSDEC Technical and Operational Guidance Series (1.1.1)*
Ambient Water Quality Standards and Guidance Values
and Groundwater Effluent Limitations; June 1998
*** MW-X is a duplicate of MW-1*

Boxed and bold indicates exceedance groundwater standards or guidance values

Validated

Table 8

Analytical Results for Semi-Volatile Organic Compounds in Groundwater

Via Verde aka New Housing New York Legacy Project

700-730 Brook Avenue, Bronx, New York

BCP # C203043

Sample ID	MW-1	MW-2	MW-3	MW-4	MW-5	MW-X**	Field Blank 2/25	NYSDEC
Matrix	groundwater	groundwater	groundwater	groundwater	groundwater	groundwater	liquid	TOGS*
Date Sampled	2/25/2009	2/25/2009	2/25/2009	2/25/2009	2/25/2009	2/25/2009	2/25/2009	
Semi-Volatile Organic Compounds								
Units	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
2-Chlorophenol	ND	ND	ND	ND	ND	ND	ND	NVG
4-Chloro-3-methyl phenol	ND	ND	ND	ND	ND	ND	ND	NVG
2,4-Dichlorophenol	ND	ND	ND	ND	ND	ND	ND	5
2,4-Dimethylphenol	ND	ND	ND	ND	ND	ND	ND	50
2,4-Dinitrophenol	ND	ND	ND	ND	ND	ND	ND	10
4,6-Dinitro-2-methylphenol	ND	ND	ND	ND	ND	ND	ND	NVG
2-Methylphenol	ND	ND	ND	ND	ND	ND	ND	1
3+4-Methylphenols	ND	ND	ND	ND	ND	ND	ND	1
2-Nitrophenol	ND	ND	ND	ND	ND	ND	ND	NVG
4-Nitrophenol	ND	ND	ND	ND	ND	ND	ND	NVG
Pentachlorophenol	ND	ND	ND	ND	ND	ND	ND	NVG
Phenol	ND	ND	ND	ND	ND	ND	ND	1
2,4,5-Trichlorophenol	ND	ND	ND	ND	ND	ND	ND	NVG
2,4,6-Trichlorophenol	ND	ND	ND	ND	ND	ND	ND	NVG
Acenaphthene	0.58 J	0.87 J	ND	ND	ND	0.50 J	ND	20
Acenaphthylene	ND	ND	ND	ND	ND	ND	ND	NVG
Acetophenone	ND	ND	ND	ND	ND	ND	ND	NVG
Anthracene	ND	ND	ND	ND	ND	ND	ND	50
Atrazine	ND	ND	ND	ND	ND	ND	ND	7.5
Benzo(a)anthracene	ND	ND	ND	ND	ND	ND	ND	0.002
Benzo(a)pyrene	ND	ND	ND	ND	ND	ND	ND	ND
Benzo(b)fluoranthene	ND	ND	ND	ND	ND	ND	ND	0.002
Benzo(g,h,i)perylene	ND	ND	ND	ND	ND	ND	ND	NVG
Benzo(k)fluoranthene	ND	ND	ND	ND	ND	ND	ND	0.002
4-Bromophenyl-phenylether	ND	ND	ND	ND	ND	ND	ND	NVG
Butylbenzylphthalate	ND	ND	ND	ND	ND	ND	ND	50
1,1' -Biphenyl	ND	1.0 J	ND	ND	ND	ND	ND	5
Benzaldehyde	ND	ND	ND	ND	ND	ND	ND	NVG
2-Chloronaphthalene	ND	ND	ND	ND	ND	ND	ND	10
4-Chloroaniline	ND	ND	ND	ND	ND	ND	ND	5
Carbazole	ND	ND	ND	ND	ND	ND	ND	NVG
Caprolactam	ND	ND	ND	ND	ND	ND	ND	NVG
Chrysene	ND	ND	ND	ND	ND	ND	ND	0.002
bis(2-Chloroethoxy)methane	ND	ND	ND	ND	ND	ND	ND	5
bis(2-Chloroethyl)ether	ND	ND	ND	ND	ND	ND	ND	1
bis(2-Chloroisopropyl)ether	ND	ND	ND	ND	ND	ND	ND	NVG
4-Chlorophenyl-phenylether	ND	ND	ND	ND	ND	ND	ND	NVG
2,4-Dinitrotoluene	ND	ND	ND	ND	ND	ND	ND	5
2,6-Dinitrotoluene	ND	ND	ND	ND	ND	ND	ND	5
3,3-Dichlorobenzidine	ND	ND	ND	ND	ND	ND	ND	5
Dibenzo(a,h)anthracene	ND	ND	ND	ND	ND	ND	ND	NVG
Dibenzofuran	0.61 J	0.64 J	ND	ND	ND	0.60 J	ND	NVG
Di-n-butylphthalate	ND	ND	ND	ND	ND	1.2 J	ND	50
Di-n-octyl phthalate	ND	ND	ND	ND	ND	ND	ND	50
Diethylphthalate	ND	ND	ND	ND	ND	ND	ND	50
Dimethylphthalate	ND	ND	ND	ND	ND	ND	ND	50
bis(2-Ethylhexyl)phthalate	**43.8**	ND	ND	ND	ND	**46.3**	ND	5
Fluoranthene	ND	0.48 J	0.47 J	ND	ND	ND	ND	50
Fluorene	0.96 J	1.2	ND	ND	ND	0.91 J	ND	50
Hexachlorobenzene	ND	ND	ND	ND	ND	ND	ND	0.04
Hexachlorobutadiene	ND	ND	ND	ND	ND	ND	ND	0.5
Hexachlorocyclopentadiene	ND	ND	ND	ND	ND	ND	ND	5
Hexachloroethane	ND	ND	ND	ND	ND	ND	ND	5
Indeno(1,2,3-cd)pyrene	ND	ND	ND	ND	ND	ND	ND	0.002
Isophorone	ND	ND	ND	ND	ND	ND	ND	50
2-Methylnaphthalene	6.8	ND	ND	ND	ND	10.2	ND	NGV
2-Nitroaniline	ND	ND	ND	ND	ND	ND	ND	5
3-Nitroaniline	ND	ND	ND	ND	ND	ND	ND	5
4-Nitroaniline	ND	ND	ND	ND	ND	ND	ND	5
Naphthalene	2.4	ND	ND	ND	ND	3.2	ND	10
Nitrobenzene	ND	ND	ND	ND	ND	ND	ND	0.4
N-Nitroso-di-n-propylamine	ND	ND	ND	ND	ND	ND	ND	NVG
N-Nitrosodiphenylamine	ND	ND	ND	ND	ND	ND	ND	50
Phenanthrene	0.75 J	1.3	ND	ND	ND	0.73 J	ND	50
Pyrene	ND	ND	ND	ND	ND	ND	ND	50

Notes:
ug/L - micrograms per liter or parts per billion
ND - Not detected at or above laboratory detection limits
NVG - No Value Given
J - Estimated Value
B - Analyte found in associated method blank

**NYSDEC Technical and Operational Guidance Series (1.1.1) Ambient Water Quality Standards and Guidance Values and Groundwater Effluent Limitations; June 1998*
** MW-X is a duplicate of MW-1

Boxed and bold indicates exceedance of groundwater standards or guidance values

Validated

Table 9

Analytical Results for Pesticides In Groundwater

Via Verde aka New Housing New York Legacy Project

700-730 Brook Avenue, Bronx, New York

BCP # C203043

Sample ID	MW-1	MW-2	MW-3	MW-4	MW-5	MW-X**	Field Blank 2/25	NYSDEC TOGS*
Matrix	groundwater	groundwater	groundwater	groundwater	groundwater	groundwater	liquid	
Date Sampled	2/25/2009	2/25/2009	2/25/2009	2/25/2009	2/25/2009	2/25/2009	2/25/2009	
Pesticides								
Units	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Aldrin	ND	ND	ND	ND	ND	ND	ND	ND
alpha-BHC	ND	ND	ND	ND	ND	ND	ND	0.01
beta-BHC	ND	ND	ND	ND	ND	ND	ND	0.04
delta-BHC	ND	ND	ND	ND	ND	ND	ND	0.04
gamma-BHC	ND	ND	ND	ND	ND	ND	ND	0.05
alpha-Chlordane	ND	ND	ND	ND	ND	ND	ND	0.05
gamma-Chlordane	ND	ND	ND	ND	ND	ND	ND	0.05
Dieldrin	ND	ND	ND	ND	ND	ND	ND	0.004
4,4-DDD	ND	ND	ND	ND	ND	ND	ND	0.3
4,4-DDE	ND	ND	ND	ND	ND	ND	ND	0.2
4,4-DDT	ND	ND	ND	ND	ND	ND	ND	0.2
Endrin	ND	ND	ND	ND	ND	ND	ND	ND
Endosulfan Sulfate	ND	ND	ND	ND	ND	ND	ND	NVG
Endrin aldehyde	ND	ND	ND	ND	ND	ND	ND	5
Endosulfan I	ND	ND	ND	ND	ND	ND	ND	NVG
Endosulfan II	ND	ND	ND	ND	ND	ND	ND	NVG
Heptachlor	ND	ND	ND	ND	ND	ND	ND	0.04
Heptachlor epoxide	ND	ND	ND	ND	ND	ND	ND	0.03
Methoxychlor	ND	ND	ND	ND	ND	ND	ND	35
Endrin ketone	ND	ND	ND	ND	ND	ND	ND	5
Toxaphene	ND	ND	ND	ND	ND	ND	ND	0.06

Notes:
ug/L - micrograms per liter or parts per billion
ND - Not detected at or above laboratory detection limits
NVG - No Value Given
J - Estimated Value

**NYSDEC Technical and Operational Guidance Series (1.1.1)*
Ambient Water Quality Standards and Guidance Values
and Groundwater Effluent Limitations; June 1998
** MW-X is a duplicate of MW-1

Validated

Table 10

Analytical Results for PCBs In Groundwater

Via Verde aka New Housing New York Legacy Project
700-730 Brook Avenue, Bronx, New York
BCP # C203043

Sample ID	MW-1	MW-2	MW-3	MW-4	MW-5	MW-X***	Field Blank 2/25	NYSDEC
Matrix	groundwater	groundwater	groundwater	groundwater	groundwater	groundwater	liquid	TOGS**
Date Sampled	2/25/2009	2/25/2009	2/25/2009	2/25/2009	2/25/2009	2/25/2009	2/25/2009	
PCBs								
Units	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Aroclor-1016	ND	ND	ND	ND	ND	ND	ND	0.09 *
Aroclor-1221	ND	ND	ND	ND	ND	ND	ND	0.09 *
Aroclor-1232	ND	ND	ND	ND	ND	ND	ND	0.09 *
Aroclor-1242	ND	ND	ND	ND	ND	ND	ND	0.09 *
Aroclor-1248	ND	ND	ND	ND	ND	ND	ND	0.09 *
Aroclor-1254	ND	ND	ND	ND	ND	ND	ND	0.09 *
Aroclor-1260	ND	ND	ND	ND	ND	ND	ND	0.09 *

Notes:
ug/L - micrograms per liter or parts per billion
ND - Not detected at or above laboratory detection limits
NVG - No Value Given
J - Estimated Value
** Applies to the sum of these compounds*

***NYSDEC Technical and Operational Guidance Series (1.1.1) Ambient Water Quality Standards and Guidance Values and Groundwater Effluent Limitations; June 1998*
**** MW-X is a duplicate of MW-1*

Validated

Table 11

Analytical Results for Total and Dissolved Metals In Groundwater

Via Verde aka New Housing New York Legacy Project

700-730 Brook Avenue, Bronx, New York

BCP # C203043

Sample ID	MW-1	MW-2	MW-3	MW-4	MW-5	MW-X**	Field Blank 2/25	NYSDEC
Matrix	groundwater	groundwater	groundwater	groundwater	groundwater	groundwater	liquid	TOGS*
Date Sampled	2/25/2009	2/25/2009	2/25/2009	2/25/2009	2/25/2009	2/25/2009	2/25/2009	
Total Metals								
Units	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Aluminum	67,900 J	651 J	2,920 J	5,370 J	4,970 J	40,900 J	ND	NVG
Antimony	ND	ND	ND	ND	ND	ND	ND	3
Arsenic	18.2 J	ND UJ	ND UJ	ND UJ	ND UJ	10.7 J	ND UJ	25
Barium	790	ND	ND	ND	ND	482	ND	1,000
Beryllium	1.4	ND	ND	ND	ND	ND UJ	ND	3
Cadmium	ND	ND	ND	ND	ND	ND	ND	5
Calcium	188,000	130,000	17600	65,200	103,000	123,000	ND	NVG
Chromium	**147**	ND	ND	10.8	12.4	**89.4**	ND	50
Cobalt	67.4	ND	ND	ND	ND	ND	ND	NVG
Copper	**263 J**	ND UJ	46.5 J	70.9 J	68.8 J	167 J	ND UJ	200
Iron	**138,000**	**1,130**	**5,240**	**9,220**	**9,180**	**81,200**	ND	300
Lead	**278 J**	ND	12.3	5.5	8.0	**157 J**	ND	25
Magnesium	**96,400**	25,200	ND	22,300	29,800	**54,600**	ND	35,000
Manganese	**5,460**	83.3	115	**748**	**381**	**4,010**	ND	300
Mercury	ND	ND	ND	ND	ND	ND	ND	0.7
Nickel	**141**	ND	ND	14.9	13.3	80.5	ND	100
Potassium	29,300	ND	ND	ND	ND	21,200	ND	NVG
Selenium	ND	ND	ND	ND	ND	ND	ND	10
Silver	ND	ND	ND	ND	ND	ND	ND	50
Sodium	**23,400**	**38,000**	ND	**27,500**	**69,800**	**21,600**	ND	20,000
Thallium	ND	ND	ND	ND	ND	ND	ND	0.5
Vanadium	183	ND	ND	ND	ND	109	ND	NVG
Zinc	457 J	ND UJ	ND UJ	40.4 J	46.6 J	265 J	ND UJ	2,000
Dissolved Metals								
Units	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Aluminum	ND	ND	ND	2,250	ND	ND	ND	NVG
Antimony	ND	ND	ND	ND	ND	ND	ND	3
Arsenic	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	25
Barium	ND	ND	ND	ND	ND	ND	ND	1,000
Beryllium	ND	ND	ND	ND	ND	ND	ND	3
Cadmium	ND	ND	ND	ND	ND	ND	ND	5
Calcium	93,000	130,000	19300	55,500	100,000	92,500	ND	NVG
Chromium	ND	ND	ND	ND	ND	ND	ND	50
Cobalt	ND	ND	ND	ND	ND	ND	ND	NVG
Copper	ND	ND	ND	50.7	ND	ND	ND	200
Iron	**2,350**	ND	ND	**3,990**	120	**2,670**	ND	300
Lead	11.8	ND	ND	ND	ND	11.7	ND	25
Magnesium	20,500	25,000	ND	16,500	24,800	20,400	ND	35,000
Manganese	**3,030**	59.9	ND	**314**	21.6	**3,110**	ND	300
Mercury	ND	ND	ND	ND	ND	ND	ND	0.7
Nickel	ND	ND	ND	ND	ND	ND	ND	100
Potassium	10,400	ND	ND	ND	ND	10,400	ND	NVG
Selenium	ND	ND	ND	ND	ND	ND	ND	10
Silver	ND	ND	ND	ND	ND	ND	ND	50
Sodium	**24,800**	**37,300**	ND	**23,500**	**70,800**	**24,600**	ND	20,000
Thallium	ND	ND	ND	ND	ND	ND	ND	0.5
Vanadium	ND	ND	ND	ND	ND	ND	ND	NVG
Zinc	ND	ND	ND	ND	ND	ND	ND	2,000

Notes:

ug/L - micrograms per liter or parts per billion

ND - Not detected at or above laboratory detection limits

NVG - No Value Given

J - Estimated Value

**NYSDEC Technical and Operational Guidance Series (1.1.1) Ambient Water Quality Standards and Guidance Values and Groundwater Effluent Limitations; June 1998*

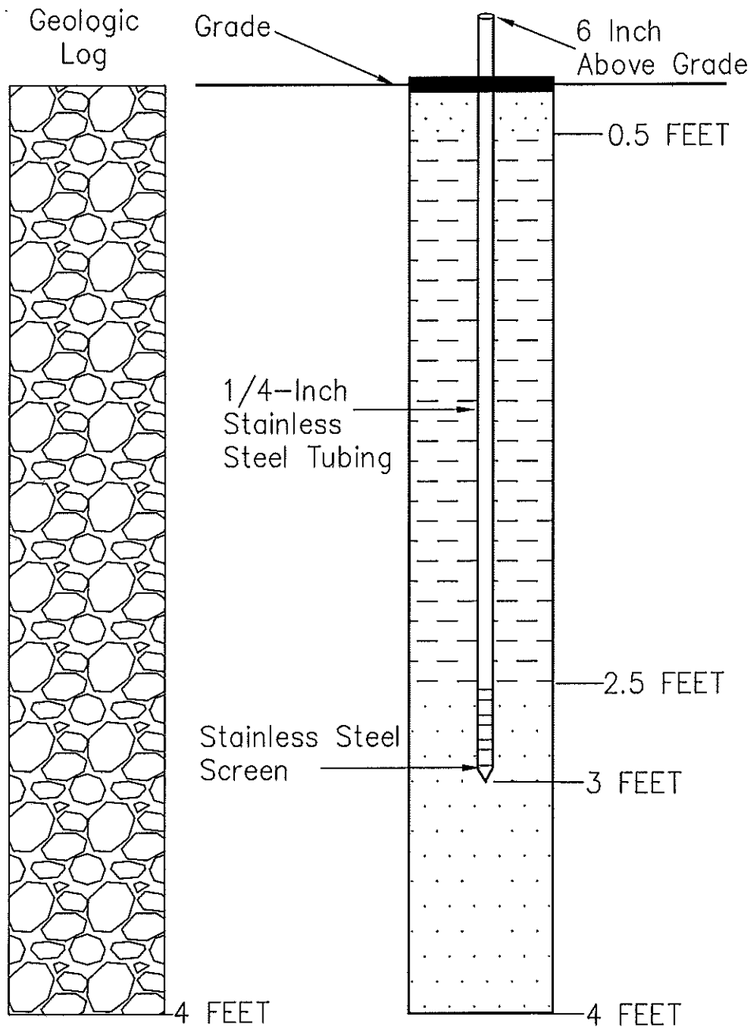
** MW-X is a duplicate of MW-1

Boxed and bold indicates exceedance of groundwater standards or guidance values

Validated

APPENDIX A
Soil Vapor Point Construction Diagrams and Geologic Logs

SVP-1



Project: Via Verde
Well ID: SVP-1

Drilling Summary

Drilling Company: Aquifer Drilling & Testing

Drillers: Jamie
Drill Rig Make/ Model: Geoprobe
Borehole Diameter: 2 inch
Total Depth: 3 feet
Depth to Water: 4 feet
Supervisory Geologist: Victoria Whelan

Well Design

Casing Material: Steel
Casing Diameter/Length: 1/4 inch/ 2 feet 10 inches
Screen Pack Material: #1 Filpro Morie Sand
Screen Diameter/Length: 1/4 inch/2 inch

Time Log

	Started	Completed
Drilling	2/6/09 @ 0945	2/6/09 @ 0950
Installation	2/6/09 @ 0950	2/6/09 @ 1000
Sampled	2/10/2009	

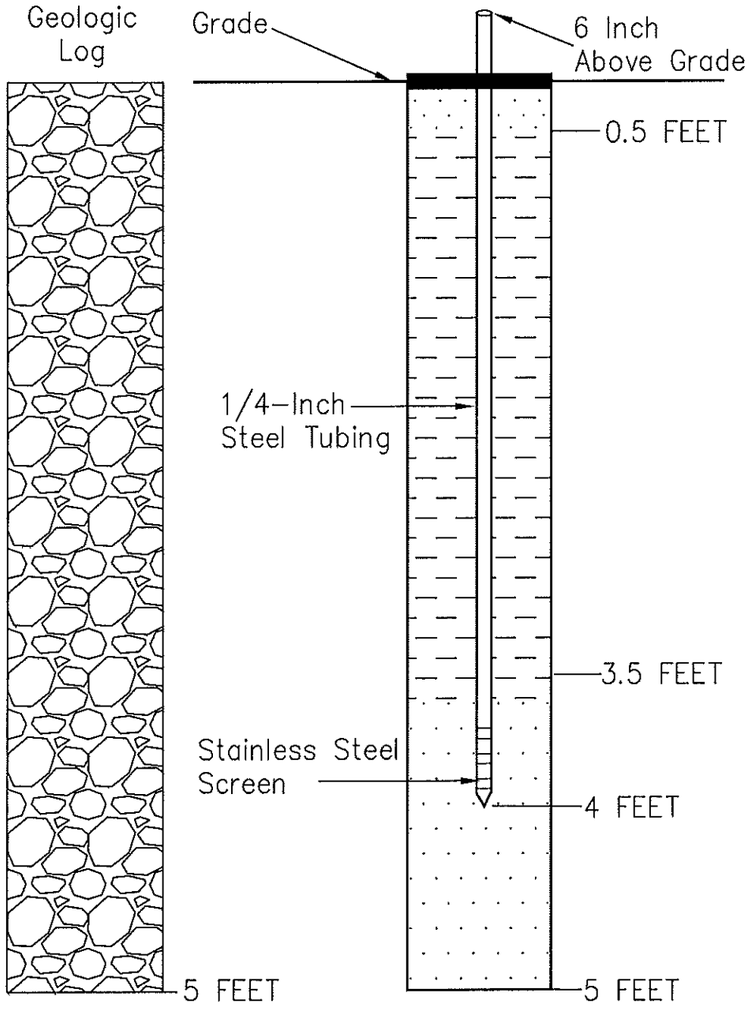
LEGEND

- BENTONITE SEAL
- NO. 2 MORIE SAND
- COARSE SAND AND GRAVEL

CA RICH CONSULTANTS, INC.
Certified Groundwater and Environmental Specialists
17 Dupont Street, Plainview, New York 11803

TITLE: CONSTRUCTION DETAILS AND GEOLOGIC LOG FOR SOIL VAPOR POINT SVP-01	DATE: 3/25/2009
	SCALE: Not To Scale
FIGURE: Appendix A-1	Via Verde New Housing New York Legacy 700-730 Brook Avenue Bronx, New York
	DRAWN BY: J.T.C./S.T.M.
DRAWING NO: 2009-7	APPR. BY: D.S.

SVP-2



Project: Via Verde
Well ID: SVP-2

Drilling Summary

Drilling Company: Aquifer Drilling & Testing

Drillers: Jamie
Drill Rig Make/ Model: Geoprobe
Borehole Diameter: 2 inch
Total Depth: 5 feet
Depth to Water: 6 feet
Supervisory Geologist: Victoria Whelan

Well Design

Casing Material: Steel
Casing Diameter/Length: 1/4 inch/ 3 feet 10 inches
Screen Pack Material: #1 Filpro Morie Sand
Screen Diameter/Length: 1/4 inch/2 inch

Time Log

	Started	Completed
Drilling	2/6/09 @ 1010	2/6/09 @ 1020
Installation	2/6/09 @ 1020	2/6/09 @ 1030
Sampled	2/10/2009	

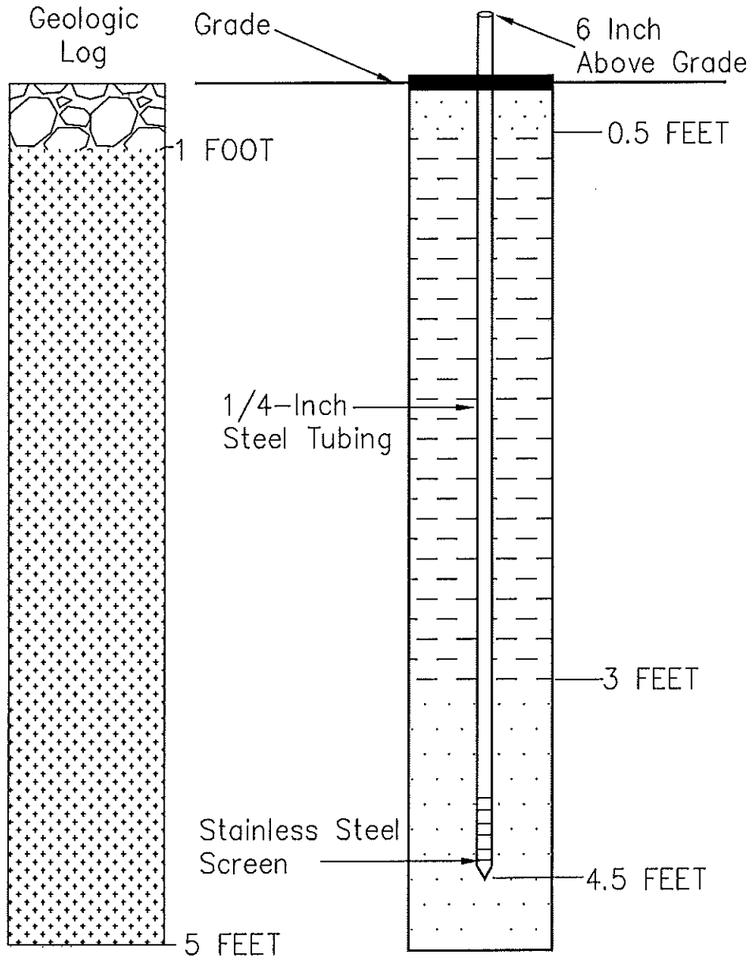
LEGEND

- BENTONITE SEAL
- NO. 2 MORIE SAND
- COARSE SAND AND GRAVEL

CA RICH CONSULTANTS, INC.
Certified Ground-Water and Environmental Specialists
17 Dupont Street, Plainview, New York 11803

TITLE: CONSTRUCTION DETAILS AND GEOLOGIC LOG FOR SOIL VAPOR POINT SVP-2	DATE: 3/25/2009
	SCALE: Not To Scale
FIGURE: Appendix A-2	Via Verde New Housing New York Legacy 700-730 Brook Avenue Bronx, New York
DRAWING NO: 2009-12	DRAWN BY: J.T.C./S.T.M.
	APPR. BY: D.S.

SVP-3



Project: Via Verde
Well ID: SVP-3

Drilling Summary

Drilling Company: Aquifer Drilling & Testing

Drillers: Jamie
Drill Rig Make/ Model: Geoprobe
Borehole Diameter: 2 inch
Total Depth: 4.5 feet
Depth to Water: 5 feet
Supervisory Geologist: Victoria Whelan

Well Design

Casing Material: Steel
Casing Diameter/Length: 1/4 inch/ 4 feet 4 inches
Screen Pack Material: #1 Filpro Morie Sand
Screen Diameter/Length: 1/4 inch/2 inch

Time Log

	Started	Completed
Drilling	2/6/09 @ 1035	2/6/09 @ 1040
Installation	2/6/09 @ 1040	2/6/09 @ 1050
Sampled	2/10/2009	

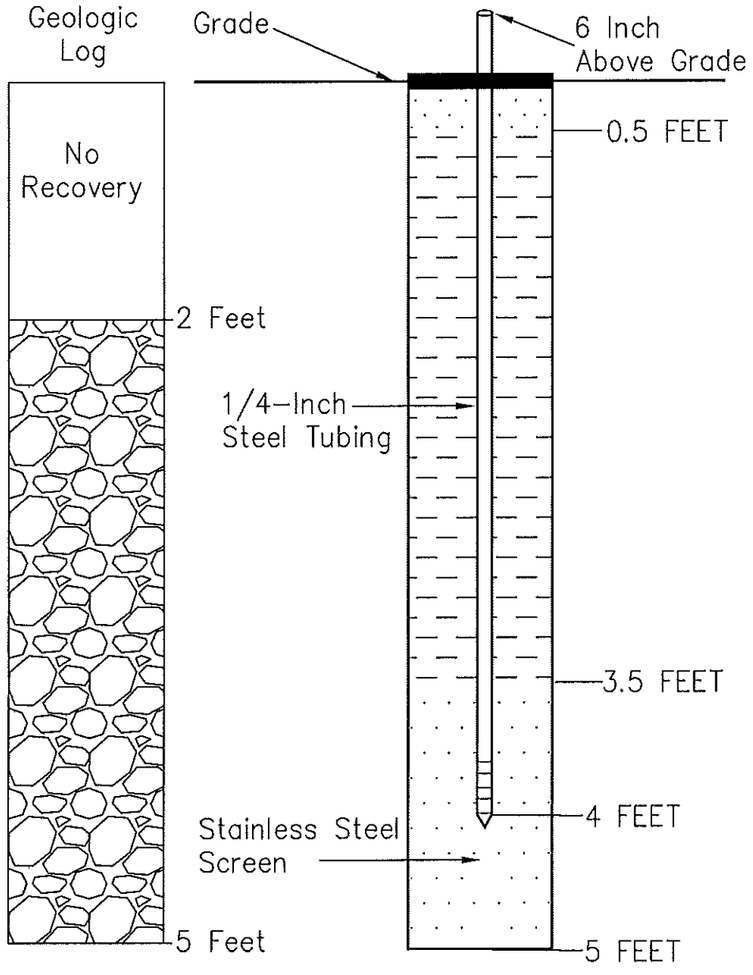
LEGEND

- BENTONITE SEAL
- NO. 2 MORIE SAND
- COARSE SAND AND GRAVEL
- MEDIUM & COARSE SAND

CA RICH CONSULTANTS, INC.
Certified Groundwater and Environmental Specialists
17 Dupont Street, Plainview, New York 11803

TITLE: CONSTRUCTION DETAILS AND GEOLOGIC LOG FOR SOIL VAPOR POINT SVP-3		DATE: 3/16/2009
		SCALE: Not To Scale
FIGURE: Appendix A-3	Via Verde New Housing New York Legacy 700-730 Brook Avenue Bronx, New York	DRAWN BY: J.T.C.
DRAWING NO: 2009-13		APPR. BY: D.S.

SVP-4



Project: Via Verde
Well ID: SVP-4

Drilling Summary

Drilling Company: Aquifer Drilling & Testing

Drillers: Jamie
Drill Rig Make/ Model: Geoprobe
Borehole Diameter: 2 inch
Total Depth: 4 feet
Depth to Water: 5 feet
Supervisory Geologist: Victoria Whelan

Well Design

Casing Material: Steel
Casing Diameter/Length: 1/4 inch/ 3 feet 10 inches
Screen Pack Material: #1 Filpro Morie Sand
Screen Diameter/Length: 1/4 inch/2 inch

Time Log

	Started	Completed
Drilling	2/6/09 @ 1050	2/6/09 @ 1055
Installation	2/6/09 @ 1100	2/6/09 @ 1105
Sampled	2/10/2009	

LEGEND

BENTONITE SEAL

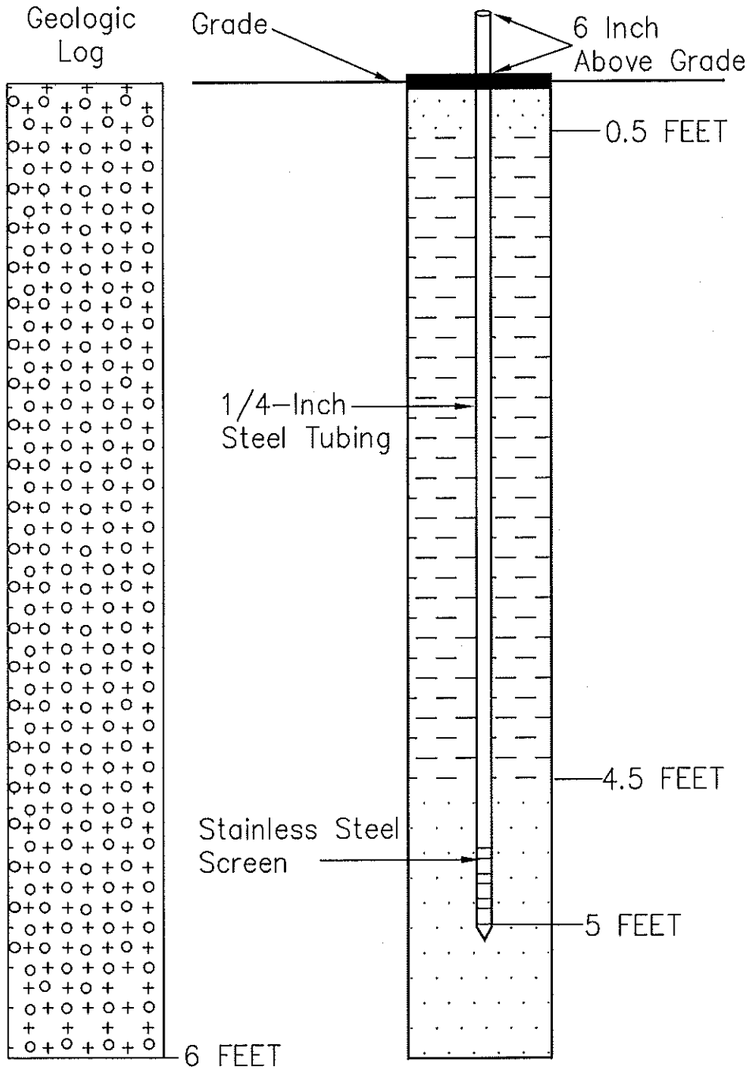
NO. 2 MORIE SAND

COARSE SAND AND GRAVEL

CA RICH CONSULTANTS, INC.
Certified Groundwater and Environmental Specialists
17 Dupont Street, Plainview, New York 11803

TITLE: CONSTRUCTION DETAILS AND GEOLOGIC LOG FOR SOIL VAPOR POINT SVP-4		DATE: 3/25/2009
		SCALE: Not To Scale
FIGURE: Appendix A-4	Via Verde New Housing New York Legacy 700-730 Brook Avenue Bronx, New York	DRAWN BY: J.T.C./S.T.M.
DRAWING NO: 2009-14		APPR. BY: D.S.

SVP-5



Project: Via Verde
Well ID: SVP-5

Drilling Summary

Drilling Company: Aquifer Drilling & Testing

Drillers: Jamie
Drill Rig Make/ Model: Geoprobe
Borehole Diameter: 2 inch
Total Depth: 5 feet
Depth to Water: 6 feet
Supervisory Geologist: Victoria Whelan

Well Design

Casing Material: Steel
Casing Diameter/Length: 1/4 inch/ 4 feet 10 inches
Screen Pack Material: #1 Filpro Morie Sand
Screen Diameter/Length: 1/4 inch/2 inch

Time Log

	Started	Completed
Drilling	2/6/09 @ 1110	2/6/09 @ 1115
Installation	2/6/09 @ 1115	2/6/09 @ 1125
Sampled	2/10/2009	

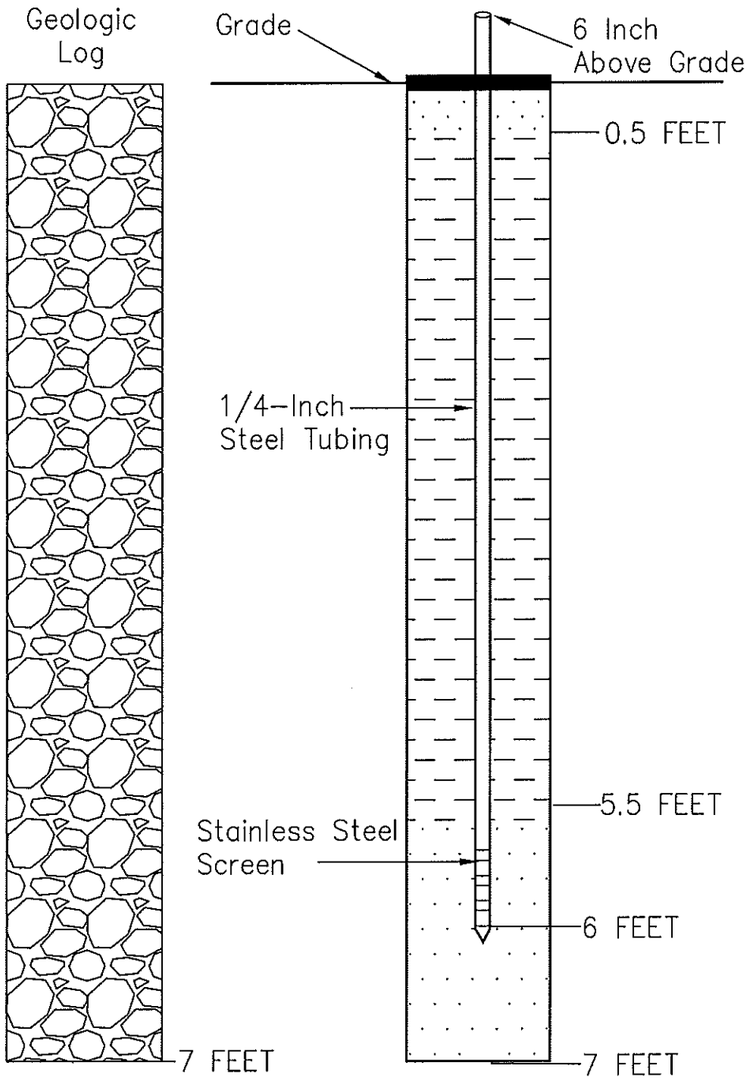
LEGEND

- BENTONITE SEAL
- NO. 2 MORIE SAND
- MEDIUM & COARSE SAND WITH PEBBLES

CA RICH CONSULTANTS, INC.
Certified Groundwater and Environmental Specialists
17 Dupont Street, Plainview, New York 11803

TITLE: CONSTRUCTION DETAILS AND GEOLOGIC LOG FOR SOIL VAPOR POINT SVP-5		DATE: 3/25/2009
		SCALE: Not To Scale
FIGURE: Appendix A-5	Via Verde New Housing New York Legacy 700-730 Brook Avenue Bronx, New York	DRAWN BY: J.T.C./S.T.M.
DRAWING NO: 2009-15		APPR. BY: D.S.

SVP-6



Project: Via Verde
Well ID: SVP-6

Drilling Summary

Drilling Company: Aquifer Drilling & Testing

Drillers: Jamie
Drill Rig Make/ Model: Geoprobe
Borehole Diameter: 2 inch
Total Depth: 6 feet
Depth to Water: 7 feet
Supervisory Geologist: Victoria Whelan

Well Design

Casing Material: Steel
Casing Diameter/Length: 1/4 inch/ 6 feet 10 inches
Screen Pack Material: #1 Filpro Morie Sand
Screen Diameter/Length: 1/4 inch/2 inch

Time Log

	Started	Completed
Drilling	2/6/09 @ 1110	2/6/09 @ 1115
Installation	2/6/09 @ 1115	2/6/09 @ 1230
Sampled	2/10/2009	

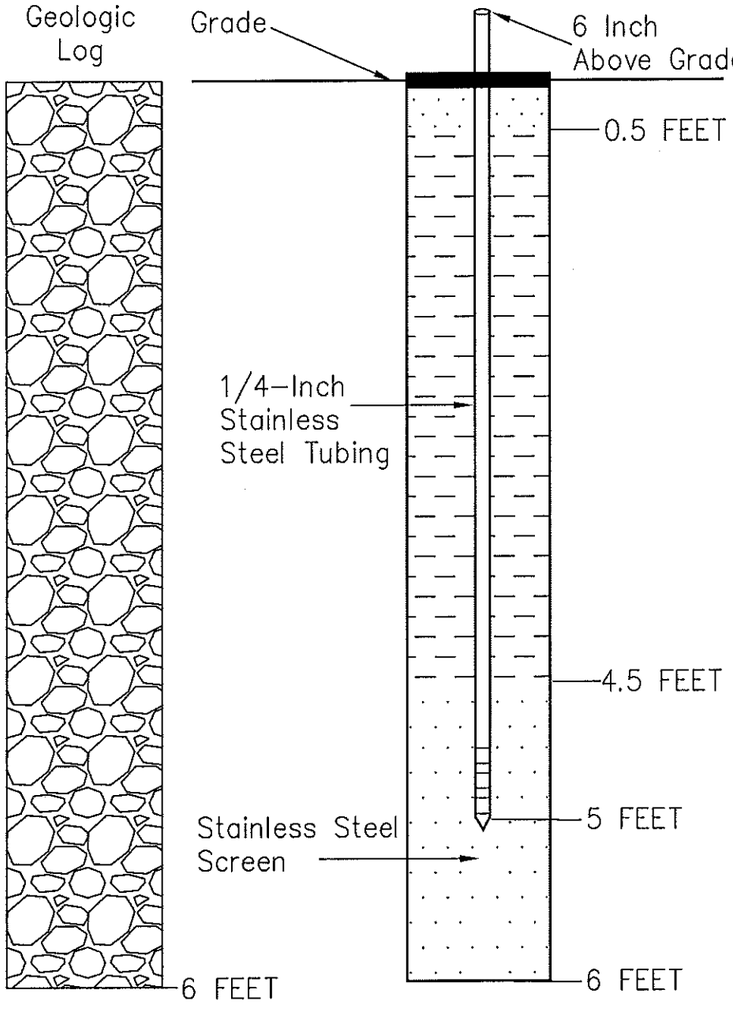
LEGEND

- BENTONITE SEAL
- NO. 2 MORIE SAND
- COARSE SAND AND GRAVEL

CA RICH CONSULTANTS, INC.
Certified Ground-Water and Environmental Specialists
17 Dupont Street, Plainview, New York 11803

TITLE: CONSTRUCTION DETAILS AND GEOLOGIC LOG FOR SOIL VAPOR POINT SVP-6		DATE: 3/25/2009
		SCALE: Not To Scale
FIGURE: Appendix A-6	Via Verde New Housing New York Legacy 700-730 Brook Avenue Bronx, New York	DRAWN BY: J.T.C./S.T.M.
DRAWING NO: 2009-16		APPR. BY: D.S.

SVP-7



Project: Via Verde
Well ID: SVP-7

Drilling Summary

Drilling Company: Aquifer Drilling & Testing

Drillers: Jamie
Drill Rig Make/ Model: Geoprobe
Borehole Diameter: 2 inch
Total Depth: 5 feet
Depth to Water: 6 feet
Supervisory Geologist: Victoria Whelan

Well Design

Casing Material: Steel
Casing Diameter/Length: 1/4 inch/ 4 feet 10 inches
Screen Pack Material: #1 Filpro Morie Sand
Screen Diameter/Length: 1/4 inch/2 inch

Time Log

	Started	Completed
Drilling	2/6/09 @ 1110	2/6/09 @ 1115
Installation	2/6/09 @ 1115	2/6/09 @ 1230
Sampled	2/10/2009	

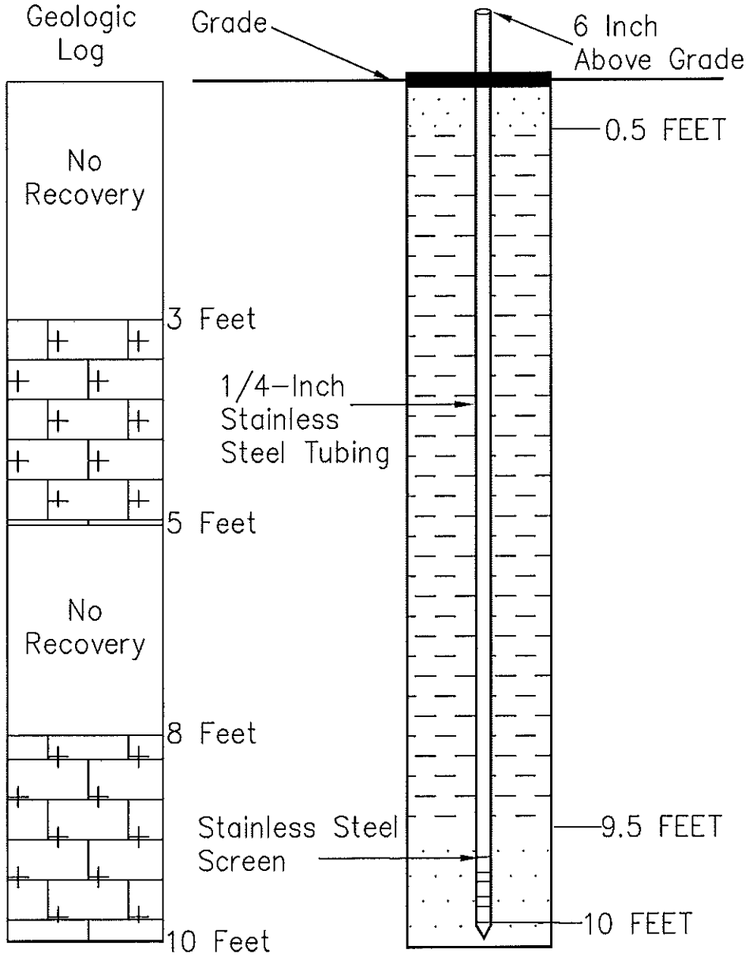
LEGEND

- BENTONITE SEAL
- NO. 2 MORIE SAND
- COARSE SAND AND GRAVEL

CA RICH CONSULTANTS, INC.
Certified Groundwater and Environmental Specialists
17 Dupont Street, Plainview, New York 11803

TITLE: CONSTRUCTION DETAILS AND GEOLOGIC LOG FOR SOIL VAPOR POINT SVP-7	DATE: 3/25/2009
	SCALE: Not To Scale
FIGURE: Appendix A-7	Via Verde New Housing New York Legacy 700-730 Brook Avenue Bronx, New York
DRAWING NO: 2009-17	DRAWN BY: J.T.C./S.T.M.
	APPR. BY: D.S.

SVP-8



Project: Via Verde
Well ID: SVP-8

Drilling Summary

Drilling Company: Aquifer Drilling & Testing

Drillers: Jamie
Drill Rig Make/ Model: Geoprobe
Borehole Diameter: 2 inch
Total Depth: 10 feet
Depth to Water: >10 feet
Supervisory Geologist: Victoria Whelan

Well Design

Casing Material: Steel
Casing Diameter/Length: 1/4 inch/ 9 feet 10 inches
Screen Pack Material: #1 Filpro Morie Sand
Screen Diameter/Length: 1/4 inch/2 inch

Time Log

	Started	Completed
Drilling	2/6/09 @ 1355	2/6/09 @ 1358
Installation	2/6/09 @ 1358	2/6/09 @ 1405
Sampled	2/10/2009	

LEGEND

BENTONITE SEAL

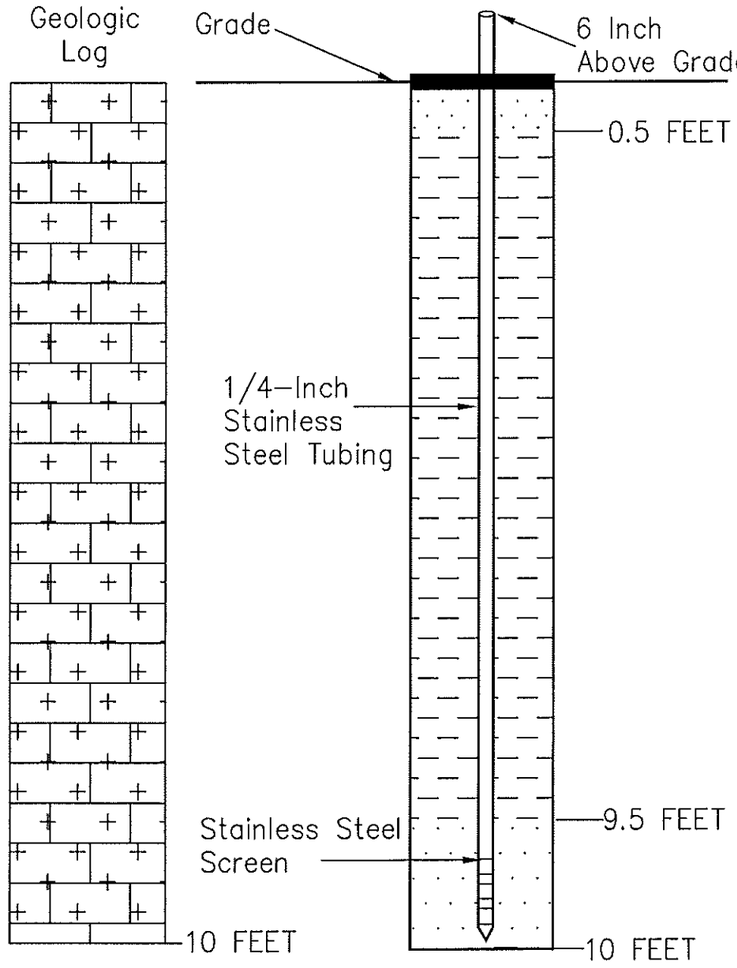
NO. 2 MORIE SAND

FILL MATERIAL (BRICK) WITH MEDIUM SAND

CA RICH CONSULTANTS, INC.
Certified Groundwater and Environmental Specialists
17 Dupont Street, Plainview, New York 11803

TITLE: CONSTRUCTION DETAILS AND GEOLOGIC LOG FOR SOIL VAPOR POINT SVP-8		DATE: 3/25/2009
		SCALE: Not To Scale
FIGURE: Appendix A-8	Via Verde New Housing New York Legacy 700-730 Brook Avenue Bronx, New York	DRAWN BY: J.T.C./S.T.M.
DRAWING NO: 2009-18		APPR. BY: D.S.

SVP-9



Project: Via Verde
Well ID: SVP-9

Drilling Summary

Drilling Company: Aquifer Drilling & Testing

Drillers: Jamie
Drill Rig Make/ Model: Geoprobe
Borehole Diameter: 2 inch
Total Depth: 10 feet
Depth to Water: >10 feet
Supervisory Geologist: Victoria Whelan

Well Design

Casing Material: Steel
Casing Diameter/Length: 1/4 inch/ 9 feet 10 inches
Screen Pack Material: #1 Filpro Morie Sand
Screen Diameter/Length: 1/4 inch/2 inch

Time Log

	Started	Completed
Drilling	2/6/09 @ 1340	2/6/09 @ 1345
Installation	2/6/09 @ 1345	2/6/09 @ 1355
Sampled	2/10/2009	

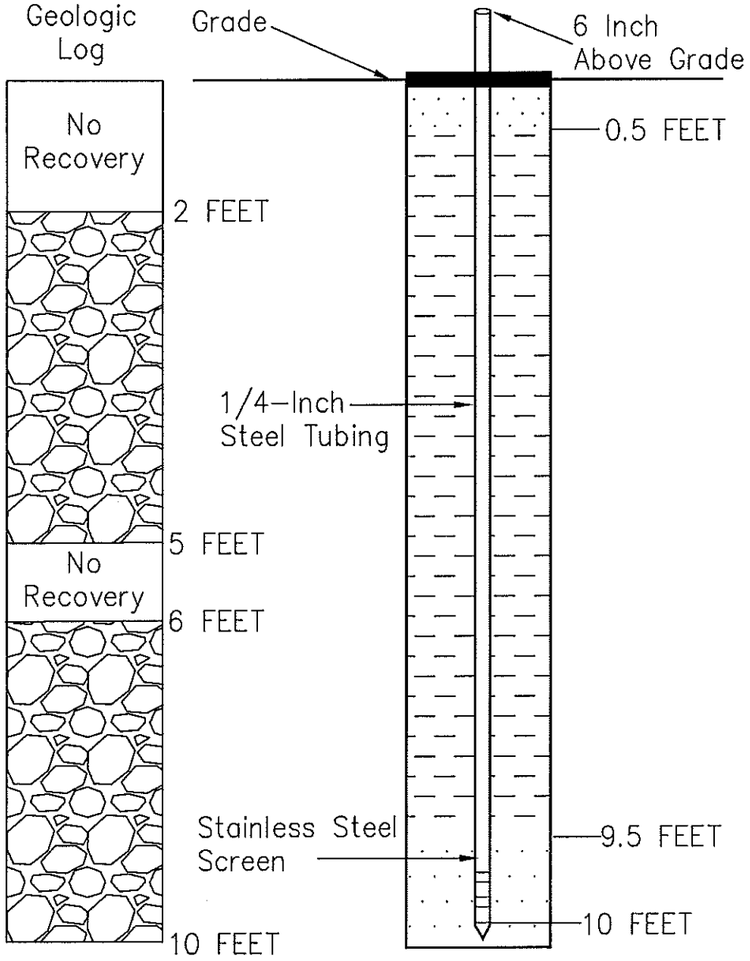
LEGEND

- BENTONITE SEAL
- NO. 2 MORIE SAND
- FILL MATERIAL WITH SAND AND GRAVEL

CA RICH CONSULTANTS, INC.
Certified Groundwater and Environmental Specialists
17 Dupont Street, Plainview, New York 11803

TITLE: CONSTRUCTION DETAILS AND GEOLOGIC LOG FOR SOIL VAPOR POINT SVP-9		DATE: 3/25/2009
		SCALE: Not To Scale
FIGURE: Appendix A-9	Via Verde New Housing New York Legacy 700-730 Brook Avenue Bronx, New York	DRAWN BY: J.T.C./S.T.M.
DRAWING NO: 2009-19		APPR. BY: D.S.

SVP-10



Project: Via Verde
Well ID: SVP-10

Drilling Summary

Drilling Company: Aquifer Drilling & Testing

Drillers: Jamie
Drill Rig Make/ Model: Geoprobe
Borehole Diameter: 2 inch
Total Depth: 10 feet
Depth to Water: >10 feet
Supervisory Geologist: Victoria Whelan

Well Design

Casing Material: Steel
Casing Diameter/Length: 1/4 inch/ 9 feet 10 inches
Screen Pack Material: #1 Filpro Morie Sand
Screen Diameter/Length: 1/4 inch/2 inch

Time Log

	Started	Completed
Drilling	2/6/09 @ 1325	2/6/09 @ 1330
Installation	2/6/09 @ 1330	2/6/09 @ 1335
Sampled	2/10/2009	

LEGEND

BENTONITE SEAL

NO. 2 MORIE SAND

COARSE SAND AND GRAVEL

CA RICH CONSULTANTS, INC.
Certified Groundwater and Environmental Specialists
17 Dupont Street, Plainview, New York 11803

TITLE: CONSTRUCTION DETAILS AND GEOLOGIC LOG FOR SOIL VAPOR POINT SVP-10	DATE: 3/25/2009
	SCALE: Not To Scale
FIGURE: Appendix A-10	Via Verde New Housing New York Legacy 700-730 Brook Avenue Bronx, New York
DRAWING NO: 2009-20	DRAWN BY: J.T.C.S.T.M.
	APPR. BY: D.S.

APPENDIX B
Soil Boring Logs

CA RICH Consultants, Inc.

17 Dupont Street, Plainview, New York 11803

Boring Number MW-1

BORING LOG

Project Name & Location	Project Number	Date & Time Started: 2/7/09 12:50 pm
700-730 Brook Avenue, Bronx, NY	Via Verde	Date & Time Completed: 2/7/09 13:40 pm
Drilling Company	**Foreman**	**Sampler(s)**
Aquifer Drilling and Testing, Inc.	Greg	Victoria Whelan
Drilling Equipment	**Method**	**Compeltion Depth**
CME	Hollow Stem Auger	30 feet
Sampler		**Geologist(s)**
Split Spoon		Victoria Whelan

DEPTH (ft below grade)	SAMPLES: Sample Interval	Recovery (feet)	FID/PID (ppm)	Blow Counts	SOIL DESCRIPTION	REMARKS
	LOCATION: MW-1				SURFACE DESCRIPTION: Grass and leaves	
0	0-2'	2	0	10 10	Dark brown medium to coarse grain sand	Sample 0-2' at 12:55pm submitted for lab analysis
	2-4'	2	0 0	18 5		
4	4-6'	2	0 0	5 4		
	6-8'	2	0 0	3 5		
8	8-10'	2	0 0	2 3		
	10-12'	2	NA	3 5		
12	12-14'	2	5 0	5 3	Brown medium grain sand	Sample 13' at 1:30pm submitted for lab analysis.
	14-16'	2	0 0	5 NA		Groundwater was encountered at
16	16-18'	2	NA	NA		16 feet with petroleum sheen and a strong petroleum odor.
	18-20'	2	NA	NA		
20	20-22'	2	NA	NA		
	22-24'	2	NA	NA		
24	24-26'	2	NA	NA		
	26-28'	2	NA	NA		
28	28-30	2	NA	NA		
32						
36						
40						

Page 1 of 1 Signature: *Victoria Whelan* Date: 3/13/2009

rev. 9/96
MW-1.1

CA RICH Consultants, Inc.

17 Dupont Street, Plainview, New York 11803

Boring Number
MW-2

BORING LOG

Project Name & Location	Project Number	Date & Time Started: 2/7/09 9:55 am
700-730 Brook Avenue, Bronx, NY	Via Verde	Date & Time Completed: 2/7/09 11:00am
Drilling Company	Foreman	Sampler(s)
Aquifer Drilling and Testing, Inc.	Greg	Victoria Whelan
Drilling Equipment	Method	Compeltion Depth
CME	Hollow Stem Auger	30 feet
Sampler		Geologist(s)
Split Spoon		Victoria Whelan

DEPTH (ft below grade)	SAMPLES: Sample Interval	Recovery (feet)	FID/PID (ppm)	Blow Counts	SOIL DESCRIPTION	REMARKS
	LOCATION: MW-2				SURFACE DESCRIPTION: Grass and leaves	
0				NA	Dark brown medium to coarse grain sand	
	0-2'	2	0	NA	with small fragments of brick and concrete	
			0	NA		
4	2-4'	2	0	NA		
			0	NA		
	4-6'	2	0	NA		
			0	NA		
	6-8'	2	0	NA		
8			0	NA		
	8-10'	2	0	NA		
			0	NA	Brown coarse grain sand and gravel	
	10-12'	2	0	NA		
12			0	NA		
	12-14'	2	0	NA		
			0	NA		
	14-16'	2	0	NA		Groundwater was encountered at
16						16 feet.
	16-18'	0	NA	NA		
	18-20'	0	NA	NA		
20						
	20-22'	0	NA	NA		
	22-24'	0	NA	NA		
24						
	24-26'	0	NA	NA		
	26-28'	0	NA	NA		
28						
	28-30	0	NA	NA		
32						
36						
40						

Page 1 of 1 Signature: *Victoria Whelan* Date: 3/13/2009

rev. 9/96
MW-1.1

CA RICH Consultants, Inc.

17 Dupont Street, Plainview, New York 11803

Boring Number
MW-3

BORING LOG

Project Name & Location	Project Number	Date & Time Started: 2/7/09 8:30am
700-730 Brook Avenue, Bronx, NY	Via Verde	Date & Time Completed: 2/7/09 9:20am
Drilling Company	**Foreman**	**Sampler(s)**
Aquifer Drilling and Testing, Inc.	Greg	Victoria Whelan
Drilling Equipment	**Method**	**Completion Depth**
CME	Hollow Stem Auger	16 feet
Sampler		**Geologist(s)**
Split Spoon		Victoria Whelan

DEPTH (ft below grade)	SAMPLES: Sample Number	Recovery (feet)	FID/PID (ppm)	Blow Counts	SOIL DESCRIPTION	REMARKS
0	LOCATION: MW-3				SURFACE DESCRIPTION: Grass and leaves	
	0-2'	2	0	NA	Dark brown coarse grain sand and gravel	
4	2-4'	2	0 0	NA		
	4-6'	2	0 0	NA		Groundwater was encountered at
	6-8'	0	0 NA	NA		6 feet.
8	8-10'	0	NA	NA		
	10-12'	0	NA	NA		
12	12-14'	0	NA	NA		
	14-16'	0	NA	NA		
16						
20						
24						
28						
32						
36						
40						

Page 1 of 1 Signature: *Victoria Whelan* Date: 3/13/2009

CA RICH Consultants, Inc.

17 Dupont Street, Plainview, New York 11803

Boring Number
MW-4

BORING LOG

Project Name & Location	Project Number	Date & Time Started: 2/7/09 1:20pm
700-730 Brook Avenue, Bronx, NY	Via Verde	Date & Time Completed: 2/7/09 1:45 pm
Drilling Company	**Foreman**	**Sampler(s)**
Aquifer Drilling and Testing, Inc.	Greg	Victoria Whelan
Drilling Equipment	**Method**	**Compeltion Depth**
CME	Hollow Stem Auger	12 feet
Sampler		**Geologist(s)**
Split Spoon		Victoria Whelan

DEPTH (ft below grade)	SAMPLES: Sample Number	Recovery (feet)	FID/PID (ppm)	Blow Counts	SOIL DESCRIPTION	REMARKS
	LOCATION: MW-4				SURFACE DESCRIPTION: Grass and leaves	
0	0-2'	2	0	NA	Dark brown medium to coarse grain sand	Sample at 1ft at 1:35pm submitted for lab analysis.
4	2-4'	2	0 0	NA		Sample at 4ft at 1:45pm submitted for lab analysis.
	4-6'	2	0 0	NA		Groundwater was encountered at
8	6-8'	2	0 0	NA		6 feet.
	8-10'	2	0 0	NA		
12	10-12'	2	0 0	NA	Dark brown medium to coarse grain sand sand and large rounded pebbles	
16						
20						
24						
28						
32						
36						
40						

Page 1 of 1 Signature: *Victoria Whelan* Date: 3/13/2009

rev. 9/96
MW-1.1

CA RICH Consultants, Inc.

17 Dupont Street, Plainview, New York 11803

Boring Number
MW-5

BORING LOG

Project Name & Location 700-730 Brook Avenue, Bronx, NY	Project Number Via Verde	Date & Time Started: 2/6/09 9:00 am Date & Time Completed: 2/6/09 19:30 am	
Drilling Company Aquifer Drilling and Testing, Inc.	Foreman Greg	Sampler(s) Victoria Whelan	
Drilling Equipment CME	Method Hollow Stem Auger	Compeltion Depth 25 feet	
Sampler Split Spoon		Geologist(s) Victoria Whelan	

DEPTH (ft below grade)	SAMPLES Sample Number	Recovery (feet)	FID/ PID (ppm)	Blow Counts	SOIL DESCRIPTION	REMARKS
	LOCATION: MW-5				SURFACE DESCRIPTION: Grass and leaves	
0	0-2'	2	0	28 18	Black to dark brown coarse to medium grain sand and gravel	Sample 0-2' at 9:15am submitted for lab analysis.
4	2-4'	2	0 0	10 9		
	4-6'	2	0 0	8 14		Sample 5' at 9:30am submitted for lab analysis.
8	6-8'	2	0 0	12 8	Black coarse grain sand and gravel	Groundwater was encountered at 8 feet.
	8-10'	2	NA	NA		
12	10-12'	NR	NA	NA		
	12-14'	NR	NA	NA		
16	14-16'	NR	NA	NA		
	16-18'	NR	NA	NA		
20	18-20'	NR	NA	NA		
	20-22'	NR	NA	NA		
24	22-24'	NR	NA	NA		
	24-26'	NR	NA	NA		
28						
32						
36						
40						

Page 1 of 1 Signature: Victoria Whelan Date: 3/13/2009

rev. 9/96
MW-1.1

CA RICH Consultants, Inc.

17 Dupont Street, Plainview, New York 11803

Boring Number
SB-1

BORING LOG

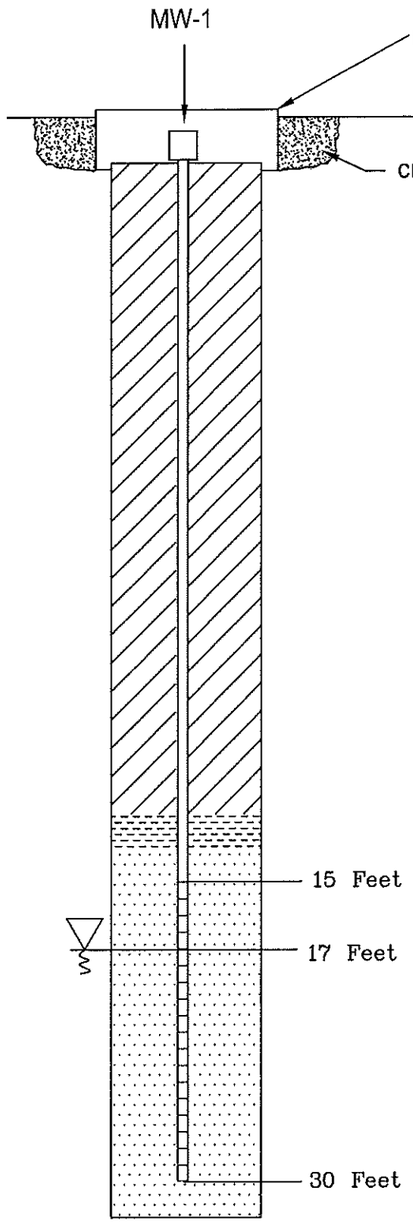
Project Name & Location	Project Number	Date & Time Started: 2/7/09 9am
700-730 Brook Avenue, Bronx, NY	Via Verde	Date & Time Completed: 2/7/09 9:40 am
Drilling Company	Foreman	Sampler(s)
Aquifer Drilling and Testing, Inc.	Jamie	Victoria Whelan
Drilling Equipment	Method	Compeltion Depth
Geoprobe	Direct Push	5 feet
Sampler		Geologist(s)
Macro Core		Victoria Whelan

DEPTH (ft below grade)	SAMPLES: Sample Number	Recovery (feet)	FID/ PID (ppm)	Blow Counts	SOIL DESCRIPTION	REMARKS
	LOCATION: SB-1				SURFACE DESCRIPTION: Grass and leaves	
0	0-2'	2	0	NA	Black to dark brown coarse to medium grain sand and gravel	Sample 0-2' at 9:15am submitted for lab analysis.
4	2-4'	2	0	NA	Tan to light brown medium to fine grain sand, tightly packed	Sample 5' at 9:30am submitted for lab analysis.
	4-6'	2	0	NA		Groundwater was encountered at 5 feet.
8						
12						
16						
20						
24						
28						
32						
36						
40						

Page 1 of 1 Signature: *Victoria Whelan* Date: 3/13/2009

rev. 9/96
MW-1.1

APPENDIX C
Monitoring Well Construction Diagrams



DRILLING SUMMARY

Drilling Co.: Aquifer Drilling & Testing
Drill Rig Make/Model: CME
Borehole Diameter: 6 Inch
Total Depth: 30 Feet
Geologist: Victoria Whelan

WELL DESIGN

Casing Material: Sch. 40 PVC
Screen Material: Sch. 40 PVC
Slot Size: 20 (0.020) inches
Diameter: 2 inches
Sand Pack: 15 Feet

WELL DEVELOPMENT

MW-1
Method: Whale Pump
Static Depth to Water: 26.10 Feet
Pumping Rate: 1 Gallon/minute
Volume Pumped: 15 Gallons

TIME LOG

	Started	Completed
Drilling:	2/09/09 10:50 am	2/09/09 1:40 pm
Installation:	2/09/09 1:40 pm	2/09/09 3:00 pm
Development:	2/10/09 8:30 am	2/10/09 9:00 am

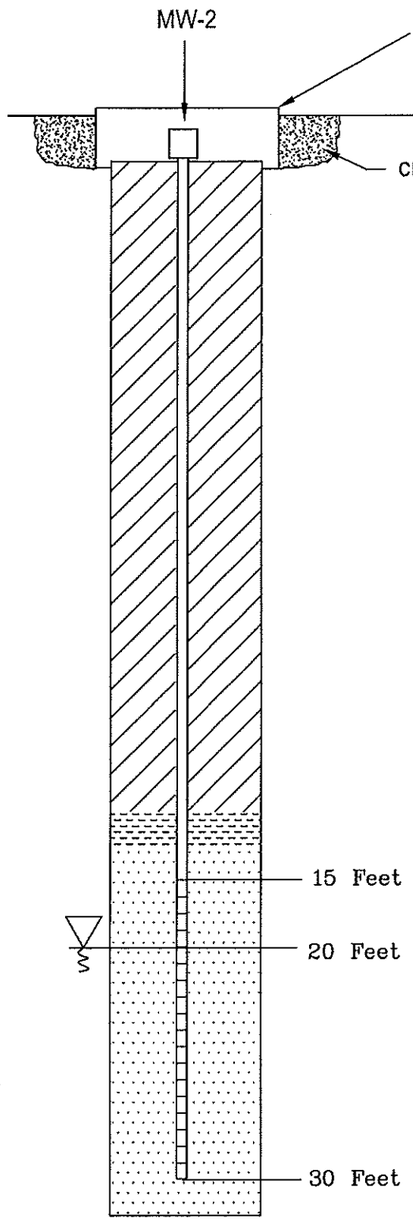
LEGEND

- Bentonite Seal
- #1 Morie Sand
- Drill Cuttings
- Approximate Water Table Surface

CA RICH CONSULTANTS, INC.
Certified Ground-Water and Environmental Specialists
17 Dupont Street, Plainview, New York 11803

TITLE: GROUNDWATER MONITORING WELL CONSTRUCTION DETAILS FOR MW-1	DATE: 3/10/2009
	SCALE: Not to Scale
FIGURE: Appendix C-1	DRAWN BY: J.T.C.
DRAWING NO: 2009-1	APPR. BY: V.W.

Via Verde
New Housing New York Legacy
700-730 Brook Avenue
Bronx, New York



DRILLING SUMMARY

Drilling Co.: Aquifer Drilling & Testing
Drill Rig Make/Model: CME
Borehole Diameter: 6 Inch
Total Depth: 30 Feet
Geologist: Victoria Whelan

WELL DESIGN

Casing Material: Sch. 40 PVC
Screen Material: Sch. 40 PVC
Slot Size: 20 (0.020) inches
Diameter: 2 inches
Sand Pack: 15 Feet

WELL DEVELOPMENT

MW-2
Method: Whale Pump
Static Depth to Water: 20 Feet
Pumping Rate: 1 Gallon/minute
Volume Pumped: 55 Gallons

TIME LOG

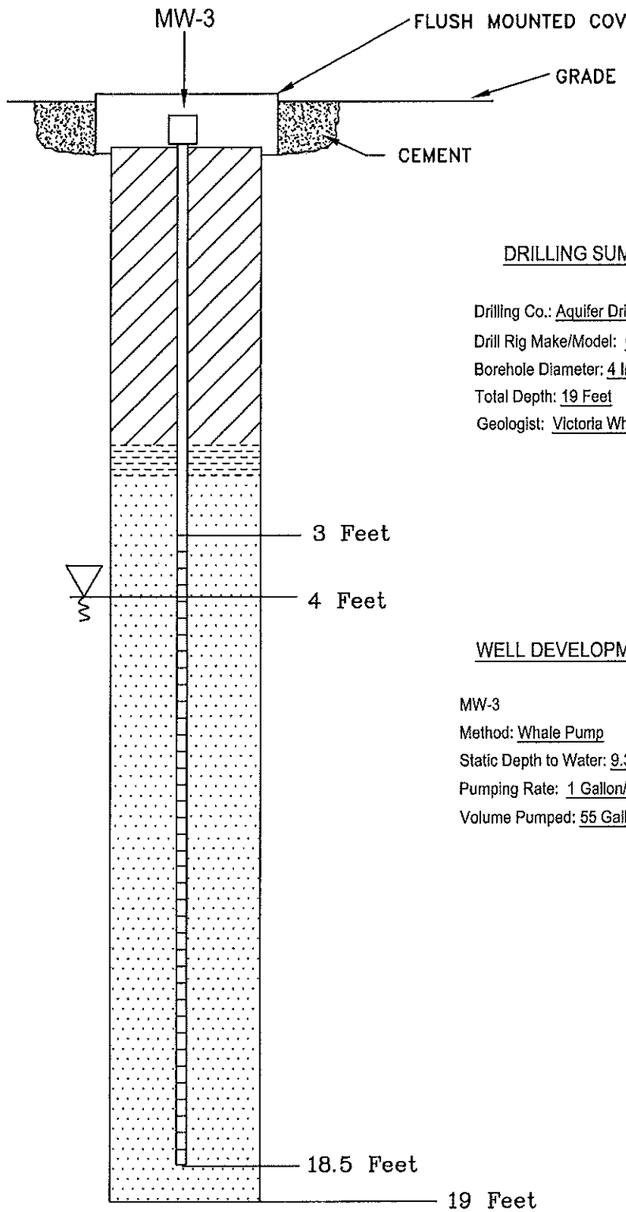
	Started	Completed
Drilling:	2/09/09 9:55 am	2/09/09 11:00 pm
Installation:	2/09/09 11:00 pm	2/09/09 12:30 pm
Development:	2/10/09 9:00 am	2/10/09 10:00 am

LEGEND

- Bentonite Seal
- #1 Morie Sand
- Drill Cuttings
- Approximate Water Table Surface

CA RICH CONSULTANTS, INC.
Certified Ground-Water and Environmental Specialists
17 Dupont Street, Plainview, New York 11803

TITLE: GROUNDWATER MONITORING WELL CONSTRUCTION DETAILS FOR MW-2	DATE: 3/10/2009
	SCALE: Not to Scale
FIGURE: Appendix C-2	Via Verde New Housing New York Legacy 700-730 Brook Avenue Bronx, New York
	DRAWN BY: J.T.C.
DRAWING NO: 2009-2	APPR. BY: V.W.



DRILLING SUMMARY

Drilling Co.: Aquifer Drilling & Testing
Drill Rig Make/Model: CME
Borehole Diameter: 4 Inch
Total Depth: 19 Feet
Geologist: Victoria Whelan

WELL DESIGN

Casing Material: Sch. 40 PVC
Screen Material: Sch. 40 PVC
Slot Size: 20 (0.020) inches
Diameter: 2 inches
Sand Pack: 16 Feet

WELL DEVELOPMENT

MW-3
Method: Whale Pump
Static Depth to Water: 9.35 Feet
Pumping Rate: 1 Gallon/minute
Volume Pumped: 55 Gallons

TIME LOG

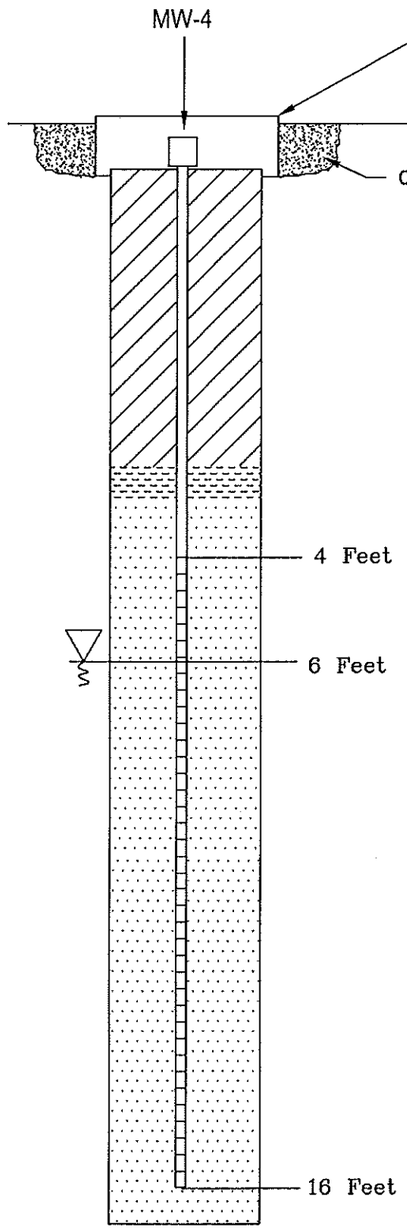
	Started	Completed
Drilling:	2/09/09 8:30 am	2/09/09 9:20 pm
Installation:	2/09/09 9:20 pm	2/09/09 9:40 pm
Development:	2/10/09 10:30 am	2/10/09 11:30 am

LEGEND

- Bentonite Seal
- #1 Morie Sand
- Drill Cuttings
- Approximate Water Table Surface

CA RICH CONSULTANTS, INC.
Certified Ground--Water and Environmental Specialists
17 Dupont Street, Plainview, New York 11803

TITLE: GROUNDWATER MONITORING WELL CONSTRUCTION DETAILS FOR MW-3		DATE: 3/10/2009
		SCALE: Not to Scale
FIGURE: Appendix C-3	Via Verde New Housing New York Legacy 700-730 Brook Avenue Bronx, New York	DRAWN BY: J.T.C.
DRAWING NO: 2009-3		APPR. BY: V.W.



DRILLING SUMMARY

Drilling Co.: Aquifer Drilling & Testing
Drill Rig Make/Model: CME
Borehole Diameter: 6 Inch
Total Depth: 16 Feet
Geologist: Victoria Whelan

WELL DESIGN

Casing Material: Sch. 40 PVC
Screen Material: Sch. 40 PVC
Slot Size: 20 (0.020) Inches
Diameter: 2 Inches
Sand Pack: 12 Feet

WELL DEVELOPMENT

MW-4
Method: Whale Pump
Static Depth to Water: 4.89 Feet
Pumping Rate: Intermittent
Volume Pumped: 30 Gallons

TIME LOG

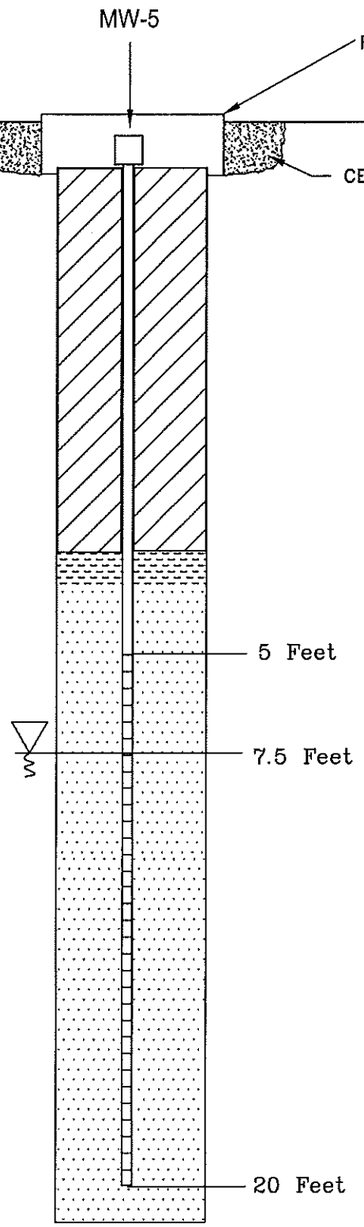
	Started	Completed
Drilling:	2/06/09 11:00 am	2/06/09 11:30 am
Installation:	2/06/09 11:30 am	2/06/09 1:00 pm
Development:	2/10/09 1:00 pm	2/10/09 2:00 pm

LEGEND

- Bentonite Seal
- #1 Morie Sand
- Drill Cuttings
- Approximate Water Table Surface

CA RICH CONSULTANTS, INC.
Certified Ground-Water and Environmental Specialists
17 Dupont Street, Plainview, New York 11803

TITLE: GROUNDWATER MONITORING WELL CONSTRUCTION DETAILS FOR MW-4		DATE: 3/10/2009
		SCALE: Not to Scale
FIGURE: Appendix C-4	Via Verde New Housing New York Legacy 700-730 Brook Avenue Bronx, New York	DRAWN BY: J.T.C.
DRAWING NO: 2009-4		APPR. BY: V.W.



DRILLING SUMMARY

Drilling Co.: Aquifer Drilling & Testing
Drill Rig Make/Model: CME
Borehole Diameter: 6 Inch
Total Depth: 20 Feet
Geologist: Victoria Whelan

WELL DESIGN

Casing Material: Sch. 40 PVC
Screen Material: Sch. 40 PVC
Slot Size: 20 (0.020) inches
Diameter: 2 Inches
Sand Pack: 15 Feet

WELL DEVELOPMENT

MW-5
Method: Whale Pump
Static Depth to Water: 7.5 Feet
Pumping Rate: Intermittent
Volume Pumped: 55 Gallons

TIME LOG

	Started	Completed
Drilling:	2/06/09 9:00 am	2/06/09 9:30 am
Installation:	2/06/09 9:30 am	2/06/09 10:00 am
Development:	2/10/09 8:30 am	2/10/09 9:30 am

LEGEND

- Bentonite Seal
- #1 Morie Sand
- Drill Cuttings
- Approximate Water Table Surface

CA RICH CONSULTANTS, INC.
Certified Ground-Water and Environmental Specialists
17 Dupont Street, Plainview, New York 11803

TITLE: GROUNDWATER MONITORING WELL CONSTRUCTION DETAILS FOR MW-5		DATE: 3/10/2009
		SCALE: Not to Scale
FIGURE: Appendix C-5	Via Verde New Housing New York Legacy 700-730 Brook Avenue Bronx, New York	DRAWN BY: J.T.C.
DRAWING NO: 2009-5		APPR BY: V.W.

APPENDIX D
Analytical/DUSR Reports

Laboratory Data

New Jersey ACCUTEST Laboratories

IT'S ALL IN THE CHEMISTRY

02/25/09



Technical Report for

C. A. Rich Consultants

Via Verde, 700-730 Brook Avenue, Bronx, NY

Accutest Job Number: JA11797

Sampling Date: 02/10/09

Report to:

C. A. Rich Consultants

dshapiro@carichinc.com

ATTN: Deborah Shapiro

Total number of pages in report: **1072**

ACCUTEST LABORATORIES 50 YEARS 1956-2006

ACCREDITED IN ACCORDANCE WITH nelac

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

David N. Speis
VP Ops, Laboratory Director

Client Service contact: Tony Esposito 732-329-0200

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

This report shall not be reproduced, except in its entirety, without the written approval of Accutest Laboratories.
Test results relate only to samples analyzed.

Note: This report is password protected to disallow document modification or assembly.
A password to unlock this report is available from your client service representative.

Sections: 1 2 3 4 5 6

Table of Contents

-1-

Section 1: Sample Summary **3**
Section 2: Case Narrative/Conformance Summary **4**
Section 3: Sample Results **5**
3.1: JA11797-1: SVP-1 6
3.2: JA11797-2: SVP-2 8
3.3: JA11797-4: SVP-4 10
3.4: JA11797-5: SVP-5 12
3.5: JA11797-6: SVP-6 14
3.6: JA11797-7: SVP-7 16
3.7: JA11797-8: SVP-8 18
3.8: JA11797-9: SVP-9 20
3.9: JA11797-10: SVP-10 22
Section 4: Misc. Forms **24**
4.1: Chain of Custody 25
4.2: Summa Canister and Flow Controller Log 29
4.3: Sample Tracking Chronicle 30
4.4: Internal Chain of Custody 32
4.5: 2008 MDL Study - Method: TO-15 34
Section 5: GC/MS Volatiles - QC Data Summaries **36**
5.1: Method Blank Summary 37
5.2: Blank Spike/Blank Spike Duplicate Summary 62
5.3: Duplicate Summary 82
5.4: Summa Cleaning Certification 87
5.5: Instrument Performance Checks (BFB) 105
5.6: Internal Standard Area Summaries 125
5.7: Initial Calibration RT/ISTD Area Summaries 134
5.8: Surrogate Recovery Summaries 277
5.9: Initial and Continuing Calibration Summaries 279
Section 6: GC/MS Volatiles - Raw Data **327**
6.1: Samples 328
6.2: Method Blanks 391
6.3: Blank Spike/Blank Spike Duplicates 409
6.4: Duplicates 500
6.5: Summa Cleaning Certifications 514
6.6: Instrument Performance Checks (BFB) 532
6.7: Initial and Continuing Calibarations 562
6.8: Instrument Run Logs 1051

Sample Summary

C. A. Rich Consultants

Job No: JA11797

Via Verde, 700-730 Brook Avenue, Bronx, NY

Sample Number	Collected Date	Time	By	Received	Matrix Code	Type	Client Sample ID
JA11797-1	02/10/09	10:52		02/10/09	AIR	Air	SVP-1
JA11797-2	02/10/09	10:57		02/10/09	AIR	Air	SVP-2
JA11797-4	02/10/09	11:15		02/10/09	AIR	Air	SVP-4
JA11797-5	02/10/09	11:18		02/10/09	AIR	Air	SVP-5
JA11797-6	02/10/09	11:24		02/10/09	AIR	Air	SVP-6
JA11797-7	02/10/09	11:05		02/10/09	AIR	Air	SVP-7
JA11797-8	02/10/09	11:30		02/10/09	AIR	Air	SVP-8
JA11797-9	02/10/09	11:39		02/10/09	AIR	Air	SVP-9
JA11797-10	02/10/09	11:42		02/10/09	AIR	Air	SVP-10

CASE NARRATIVE / CONFORMANCE SUMMARY

Client:	C. A. Rich Consultants	**Job No**	JA11797
Site:	Via Verde, 700-730 Brook Avenue, Bronx, NY	**Report Date**	2/24/2009 5:10:21 PM

On 02/10/2009, 9 Sample(s), 0 Trip Blank(s) and 0 Field Blank(s) were received at Accutest Laboratories. Samples were intact and properly preserved, unless noted below. An Accutest Job Number of JA11797 was assigned to the project. Laboratory sample ID, client sample ID and dates of sample collection are detailed in the report's Results Summary Section.

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

Volatiles by GCMS By Method TO-15

Matrix: AIR **Batch ID:** V2W950

- All samples were analyzed within the recommended method holding time.
- All method blanks for this batch meet method specific criteria.
- Sample(s) JA11797-1DUP were used as the QC samples indicated.
- RPD(s) for Duplicate for 2,2,4-Trimethylpentane are outside control limits for sample JA11797-1DUP. High RPD due to low concentration of hit

Matrix: AIR **Batch ID:** VW862

- All samples were analyzed within the recommended method holding time.
- All method blanks for this batch meet method specific criteria.
- Sample(s) JA11797-10DUP were used as the QC samples indicated.

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

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

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

Sample Results

Report of Analysis

Accutest LabLink@489202 15:53 25-Feb-2009

Report of Analysis

Client Sample ID: SVP-1
Lab Sample ID: JA11797-1 **Date Sampled:** 02/10/09
Matrix: AIR - Air Summa ID: A776 **Date Received:** 02/10/09
Method: TO-15 **Percent Solids:** n/a
Project: Via Verde, 700-730 Brook Avenue, Bronx, NY

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	2W22126.D	1	02/17/09	YMH	n/a	n/a	V2W950
Run #2							

	Initial Volume
Run #1	100 ml
Run #2	

CAS No.	MW	Compound	Result	RL	MDL	Units	Q	Result	RL	Units
67-64-1	58.08	Acetone	1.7	0.80	0.18	ppbv		4.0	1.9	ug/m3
106-99-0	54.09	1,3-Butadiene	ND	0.80	0.21	ppbv		ND	1.8	ug/m3
71-43-2	78.11	Benzene	ND	0.80	0.068	ppbv		ND	2.6	ug/m3
75-27-4	163.8	Bromodichloromethane	ND	0.80	0.092	ppbv		ND	5.4	ug/m3
75-25-2	252.8	Bromoform	ND	0.80	0.12	ppbv		ND	8.3	ug/m3
74-83-9	94.94	Bromomethane	ND	0.80	0.13	ppbv		ND	3.1	ug/m3
593-60-2	106.9	Bromoethene	ND	0.80	0.13	ppbv		ND	3.5	ug/m3
100-44-7	126	Benzyl Chloride	ND	0.80	0.15	ppbv		ND	4.1	ug/m3
75-15-0	76.14	Carbon disulfide	ND	0.80	0.070	ppbv		ND	2.5	ug/m3
108-90-7	112.6	Chlorobenzene	ND	0.80	0.11	ppbv		ND	3.7	ug/m3
75-00-3	64.52	Chloroethane	ND	0.80	0.10	ppbv		ND	2.1	ug/m3
67-66-3	119.4	Chloroform	ND	0.80	0.082	ppbv		ND	3.9	ug/m3
74-87-3	50.49	Chloromethane	ND	0.80	0.16	ppbv		ND	1.7	ug/m3
107-05-1	76.53	3-Chloropropene	ND	0.80	0.12	ppbv		ND	2.5	ug/m3
95-49-8	126.6	2-Chlorotoluene	ND	0.80	0.089	ppbv		ND	4.1	ug/m3
56-23-5	153.8	Carbon tetrachloride	ND	0.80	0.11	ppbv		ND	5.0	ug/m3
110-82-7	84.16	Cyclohexane	ND	0.80	0.14	ppbv		ND	2.8	ug/m3
75-34-3	98.96	1,1-Dichloroethane	ND	0.80	0.085	ppbv		ND	3.2	ug/m3
75-35-4	96.94	1,1-Dichloroethylene	ND	0.80	0.16	ppbv		ND	3.2	ug/m3
106-93-4	187.9	1,2-Dibromoethane	ND	0.80	0.12	ppbv		ND	6.1	ug/m3
107-06-2	98.96	1,2-Dichloroethane	ND	0.80	0.15	ppbv		ND	3.2	ug/m3
78-87-5	113	1,2-Dichloropropane	ND	0.80	0.12	ppbv		ND	3.7	ug/m3
123-91-1	88.12	1,4-Dioxane	ND	0.80	0.18	ppbv		ND	2.9	ug/m3
75-71-8	120.9	Dichlorodifluoromethane	ND	0.80	0.12	ppbv		ND	4.0	ug/m3
124-48-1	208.3	Dibromochloromethane	ND	0.80	0.075	ppbv		ND	6.8	ug/m3
156-60-5	96.94	trans-1,2-Dichloroethylene	ND	0.80	0.094	ppbv		ND	3.2	ug/m3
156-59-2	96.94	cis-1,2-Dichloroethylene	ND	0.80	0.11	ppbv		ND	3.2	ug/m3
10061-01-5	111	cis-1,3-Dichloropropene	ND	0.80	0.11	ppbv		ND	3.6	ug/m3
541-73-1	147	m-Dichlorobenzene	ND	0.80	0.18	ppbv		ND	4.8	ug/m3
95-50-1	147	o-Dichlorobenzene	ND	0.80	0.16	ppbv		ND	4.8	ug/m3
106-46-7	147	p-Dichlorobenzene	ND	0.80	0.18	ppbv		ND	4.8	ug/m3
10061-02-6	111	trans-1,3-Dichloropropene	ND	0.80	0.13	ppbv		ND	3.6	ug/m3

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: SVP-1
Lab Sample ID: JA11797-1 **Date Sampled:** 02/10/09
Matrix: AIR - Air Summa ID: A776 **Date Received:** 02/10/09
Method: TO-15 **Percent Solids:** n/a
Project: Via Verde, 700-730 Brook Avenue, Bronx, NY

CAS No.	MW	Compound	Result	RL	MDL	Units	Q	Result	RL	Units
64-17-5	46.07	Ethanol	3.6	2.0	0.19	ppbv		6.8	3.8	ug/m3
100-41-4	106.2	Ethylbenzene	ND	0.80	0.073	ppbv		ND	3.5	ug/m3
141-78-6	88	Ethyl Acetate	ND	0.80	0.18	ppbv		ND	2.9	ug/m3
622-96-8	120.2	4-Ethyltoluene	ND	0.80	0.15	ppbv		ND	3.9	ug/m3
76-13-1	187.4	Freon 113	ND	0.80	0.080	ppbv		ND	6.1	ug/m3
76-14-2	170.9	Freon 114	ND	0.80	0.11	ppbv		ND	5.6	ug/m3
142-82-5	100.2	Heptane	ND	0.80	0.082	ppbv		ND	3.3	ug/m3
87-68-3	260.8	Hexachlorobutadiene	ND	0.80	0.33	ppbv		ND	8.5	ug/m3
110-54-3	86.17	Hexane	ND	0.80	0.22	ppbv		ND	2.8	ug/m3
591-78-6	100	2-Hexanone	ND	0.80	0.10	ppbv		ND	3.3	ug/m3
67-63-0	60.1	Isopropyl Alcohol	ND	0.80	0.14	ppbv		ND	2.0	ug/m3
75-09-2	84.94	Methylene chloride	ND	0.80	0.16	ppbv		ND	2.8	ug/m3
78-93-3	72.11	Methyl ethyl ketone	ND	0.80	0.15	ppbv		ND	2.4	ug/m3
108-10-1	100.2	Methyl Isobutyl Ketone	ND	0.80	0.087	ppbv		ND	3.3	ug/m3
1634-04-4	88.15	Methyl Tert Butyl Ether	ND	0.80	0.074	ppbv		ND	2.9	ug/m3
115-07-1	42	Propylene	ND	2.0	0.21	ppbv		ND	3.4	ug/m3
100-42-5	104.1	Styrene	ND	0.80	0.092	ppbv		ND	3.4	ug/m3
71-55-6	133.4	1,1,1-Trichloroethane	ND	0.80	0.11	ppbv		ND	4.4	ug/m3
79-34-5	167.9	1,1,2,2-Tetrachloroethane	ND	0.80	0.097	ppbv		ND	5.5	ug/m3
79-00-5	133.4	1,1,2-Trichloroethane	ND	0.80	0.080	ppbv		ND	4.4	ug/m3
120-82-1	181.5	1,2,4-Trichlorobenzene	ND	0.80	0.26	ppbv		ND	5.9	ug/m3
95-63-6	120.2	1,2,4-Trimethylbenzene	ND	0.80	0.097	ppbv		ND	3.9	ug/m3
108-67-8	120.2	1,3,5-Trimethylbenzene	ND	0.80	0.084	ppbv		ND	3.9	ug/m3
540-84-1	114.2	2,2,4-Trimethylpentane	1.5	0.80	0.11	ppbv		7.0	3.7	ug/m3
75-65-0	74.12	Tertiary Butyl Alcohol	ND	0.80	0.11	ppbv		ND	2.4	ug/m3
127-18-4	165.8	Tetrachloroethylene	ND	0.80	0.11	ppbv		ND	5.4	ug/m3
109-99-9	72.11	Tetrahydrofuran	ND	0.80	0.11	ppbv		ND	2.4	ug/m3
108-88-3	92.14	Toluene	4.5	0.80	0.079	ppbv		17	3.0	ug/m3
79-01-6	131.4	Trichloroethylene	ND	0.80	0.12	ppbv		ND	4.3	ug/m3
75-69-4	137.4	Trichlorofluoromethane	ND	0.80	0.12	ppbv		ND	4.5	ug/m3
75-01-4	62.5	Vinyl chloride	ND	0.80	0.12	ppbv		ND	2.0	ug/m3
108-05-4	86	Vinyl Acetate	ND	0.80	0.35	ppbv		ND	2.8	ug/m3
	106.2	m,p-Xylene	0.91	0.80	0.40	ppbv		4.0	3.5	ug/m3
95-47-6	106.2	o-Xylene	ND	0.80	0.10	ppbv		ND	3.5	ug/m3
1330-20-7	106.2	Xylenes (total)	0.91	0.80	0.10	ppbv		4.0	3.5	ug/m3

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
460-00-4	4-Bromofluorobenzene	93%		78-124%

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 LabLink@489202 15:53 25-Feb-2009

Report of Analysis

Client Sample ID: SVP-2
Lab Sample ID: JA11797-2 **Date Sampled:** 02/10/09
Matrix: AIR - Air Summa ID: A305 **Date Received:** 02/10/09
Method: TO-15 **Percent Solids:** n/a
Project: Via Verde, 700-730 Brook Avenue, Bronx, NY

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	2W22128.D	1	02/17/09	YMH	n/a	n/a	V2W950
Run #2							

	Initial Volume
Run #1	100 ml
Run #2	

CAS No.	MW	Compound	Result	RL	MDL	Units	Q	Result	RL	Units
67-64-1	58.08	Acetone	3.4	0.80	0.18	ppbv		8.1	1.9	ug/m3
106-99-0	54.09	1,3-Butadiene	ND	0.80	0.21	ppbv		ND	1.8	ug/m3
71-43-2	78.11	Benzene	0.46	0.80	0.068	ppbv	J	1.5	2.6	ug/m3
75-27-4	163.8	Bromodichloromethane	ND	0.80	0.092	ppbv		ND	5.4	ug/m3
75-25-2	252.8	Bromoform	ND	0.80	0.12	ppbv		ND	8.3	ug/m3
74-83-9	94.94	Bromomethane	ND	0.80	0.13	ppbv		ND	3.1	ug/m3
593-60-2	106.9	Bromoethene	ND	0.80	0.13	ppbv		ND	3.5	ug/m3
100-44-7	126	Benzyl Chloride	ND	0.80	0.15	ppbv		ND	4.1	ug/m3
75-15-0	76.14	Carbon disulfide	1.4	0.80	0.070	ppbv		4.4	2.5	ug/m3
108-90-7	112.6	Chlorobenzene	ND	0.80	0.11	ppbv		ND	3.7	ug/m3
75-00-3	64.52	Chloroethane	ND	0.80	0.10	ppbv		ND	2.1	ug/m3
67-66-3	119.4	Chloroform	ND	0.80	0.082	ppbv		ND	3.9	ug/m3
74-87-3	50.49	Chloromethane	ND	0.80	0.16	ppbv		ND	1.7	ug/m3
107-05-1	76.53	3-Chloropropene	ND	0.80	0.12	ppbv		ND	2.5	ug/m3
95-49-8	126.6	2-Chlorotoluene	ND	0.80	0.089	ppbv		ND	4.1	ug/m3
56-23-5	153.8	Carbon tetrachloride	ND	0.80	0.11	ppbv		ND	5.0	ug/m3
110-82-7	84.16	Cyclohexane	ND	0.80	0.14	ppbv		ND	2.8	ug/m3
75-34-3	98.96	1,1-Dichloroethane	ND	0.80	0.085	ppbv		ND	3.2	ug/m3
75-35-4	96.94	1,1-Dichloroethylene	ND	0.80	0.16	ppbv		ND	3.2	ug/m3
106-93-4	187.9	1,2-Dibromoethane	ND	0.80	0.12	ppbv		ND	6.1	ug/m3
107-06-2	98.96	1,2-Dichloroethane	ND	0.80	0.15	ppbv		ND	3.2	ug/m3
78-87-5	113	1,2-Dichloropropane	ND	0.80	0.12	ppbv		ND	3.7	ug/m3
123-91-1	88.12	1,4-Dioxane	ND	0.80	0.18	ppbv		ND	2.9	ug/m3
75-71-8	120.9	Dichlorodifluoromethane	ND	0.80	0.12	ppbv		ND	4.0	ug/m3
124-48-1	208.3	Dibromochloromethane	ND	0.80	0.075	ppbv		ND	6.8	ug/m3
156-60-5	96.94	trans-1,2-Dichloroethylene	ND	0.80	0.094	ppbv		ND	3.2	ug/m3
156-59-2	96.94	cis-1,2-Dichloroethylene	ND	0.80	0.11	ppbv		ND	3.2	ug/m3
10061-01-5	111	cis-1,3-Dichloropropene	ND	0.80	0.11	ppbv		ND	3.6	ug/m3
541-73-1	147	m-Dichlorobenzene	ND	0.80	0.18	ppbv		ND	4.8	ug/m3
95-50-1	147	o-Dichlorobenzene	ND	0.80	0.16	ppbv		ND	4.8	ug/m3
106-46-7	147	p-Dichlorobenzene	ND	0.80	0.18	ppbv		ND	4.8	ug/m3
10061-02-6	111	trans-1,3-Dichloropropene	ND	0.80	0.13	ppbv		ND	3.6	ug/m3

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: SVP-2
Lab Sample ID: JA11797-2 **Date Sampled:** 02/10/09
Matrix: AIR - Air Summa ID: A305 **Date Received:** 02/10/09
Method: TO-15 **Percent Solids:** n/a
Project: Via Verde, 700-730 Brook Avenue, Bronx, NY

CAS No.	MW	Compound	Result	RL	MDL	Units	Q	Result	RL	Units
64-17-5	46.07	Ethanol	3.7	2.0	0.19	ppbv		7.0	3.8	ug/m3
100-41-4	106.2	Ethylbenzene	0.39	0.80	0.073	ppbv	J	1.7	3.5	ug/m3
141-78-6	88	Ethyl Acetate	ND	0.80	0.18	ppbv		ND	2.9	ug/m3
622-96-8	120.2	4-Ethyltoluene	ND	0.80	0.15	ppbv		ND	3.9	ug/m3
76-13-1	187.4	Freon 113	ND	0.80	0.080	ppbv		ND	6.1	ug/m3
76-14-2	170.9	Freon 114	ND	0.80	0.11	ppbv		ND	5.6	ug/m3
142-82-5	100.2	Heptane	ND	0.80	0.082	ppbv		ND	3.3	ug/m3
87-68-3	260.8	Hexachlorobutadiene	ND	0.80	0.33	ppbv		ND	8.5	ug/m3
110-54-3	86.17	Hexane	ND	0.80	0.22	ppbv		ND	2.8	ug/m3
591-78-6	100	2-Hexanone	ND	0.80	0.10	ppbv		ND	3.3	ug/m3
67-63-0	60.1	Isopropyl Alcohol	ND	0.80	0.14	ppbv		ND	2.0	ug/m3
75-09-2	84.94	Methylene chloride	ND	0.80	0.16	ppbv		ND	2.8	ug/m3
78-93-3	72.11	Methyl ethyl ketone	ND	0.80	0.15	ppbv		ND	2.4	ug/m3
108-10-1	100.2	Methyl Isobutyl Ketone	ND	0.80	0.087	ppbv		ND	3.3	ug/m3
1634-04-4	88.15	Methyl Tert Butyl Ether	ND	0.80	0.074	ppbv		ND	2.9	ug/m3
115-07-1	42	Propylene	ND	2.0	0.21	ppbv		ND	3.4	ug/m3
100-42-5	104.1	Styrene	ND	0.80	0.092	ppbv		ND	3.4	ug/m3
71-55-6	133.4	1,1,1-Trichloroethane	ND	0.80	0.11	ppbv		ND	4.4	ug/m3
79-34-5	167.9	1,1,2,2-Tetrachloroethane	ND	0.80	0.097	ppbv		ND	5.5	ug/m3
79-00-5	133.4	1,1,2-Trichloroethane	ND	0.80	0.080	ppbv		ND	4.4	ug/m3
120-82-1	181.5	1,2,4-Trichlorobenzene	ND	0.80	0.26	ppbv		ND	5.9	ug/m3
95-63-6	120.2	1,2,4-Trimethylbenzene	ND	0.80	0.097	ppbv		ND	3.9	ug/m3
108-67-8	120.2	1,3,5-Trimethylbenzene	ND	0.80	0.084	ppbv		ND	3.9	ug/m3
540-84-1	114.2	2,2,4-Trimethylpentane	1.9	0.80	0.11	ppbv		8.9	3.7	ug/m3
75-65-0	74.12	Tertiary Butyl Alcohol	ND	0.80	0.11	ppbv		ND	2.4	ug/m3
127-18-4	165.8	Tetrachloroethylene	ND	0.80	0.11	ppbv		ND	5.4	ug/m3
109-99-9	72.11	Tetrahydrofuran	ND	0.80	0.11	ppbv		ND	2.4	ug/m3
108-88-3	92.14	Toluene	4.8	0.80	0.079	ppbv		18	3.0	ug/m3
79-01-6	131.4	Trichloroethylene	0.42	0.80	0.12	ppbv	J	2.3	4.3	ug/m3
75-69-4	137.4	Trichlorofluoromethane	ND	0.80	0.12	ppbv		ND	4.5	ug/m3
75-01-4	62.5	Vinyl chloride	ND	0.80	0.12	ppbv		ND	2.0	ug/m3
108-05-4	86	Vinyl Acetate	ND	0.80	0.35	ppbv		ND	2.8	ug/m3
	106.2	m,p-Xylene	0.97	0.80	0.40	ppbv		4.2	3.5	ug/m3
95-47-6	106.2	o-Xylene	ND	0.80	0.10	ppbv		ND	3.5	ug/m3
1330-20-7	106.2	Xylenes (total)	0.97	0.80	0.10	ppbv		4.2	3.5	ug/m3

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
460-00-4	4-Bromofluorobenzene	93%		78-124%

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 LabLink@489202 15:53 25-Feb-2009

Report of Analysis

Client Sample ID: SVP-4
Lab Sample ID: JA11797-4 **Date Sampled:** 02/10/09
Matrix: AIR - Air Summa ID: A295 **Date Received:** 02/10/09
Method: TO-15 **Percent Solids:** n/a
Project: Via Verde, 700-730 Brook Avenue, Bronx, NY

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	2W22129.D	1	02/17/09	YMH	n/a	n/a	V2W950
Run #2							

	Initial Volume
Run #1	100 ml
Run #2	

CAS No.	MW	Compound	Result	RL	MDL	Units	Q	Result	RL	Units
67-64-1	58.08	Acetone	4.9	0.80	0.18	ppbv		12	1.9	ug/m3
106-99-0	54.09	1,3-Butadiene	ND	0.80	0.21	ppbv		ND	1.8	ug/m3
71-43-2	78.11	Benzene	ND	0.80	0.068	ppbv		ND	2.6	ug/m3
75-27-4	163.8	Bromodichloromethane	ND	0.80	0.092	ppbv		ND	5.4	ug/m3
75-25-2	252.8	Bromoform	ND	0.80	0.12	ppbv		ND	8.3	ug/m3
74-83-9	94.94	Bromomethane	ND	0.80	0.13	ppbv		ND	3.1	ug/m3
593-60-2	106.9	Bromoethene	ND	0.80	0.13	ppbv		ND	3.5	ug/m3
100-44-7	126	Benzyl Chloride	ND	0.80	0.15	ppbv		ND	4.1	ug/m3
75-15-0	76.14	Carbon disulfide	1.3	0.80	0.070	ppbv		4.0	2.5	ug/m3
108-90-7	112.6	Chlorobenzene	ND	0.80	0.11	ppbv		ND	3.7	ug/m3
75-00-3	64.52	Chloroethane	ND	0.80	0.10	ppbv		ND	2.1	ug/m3
67-66-3	119.4	Chloroform	ND	0.80	0.082	ppbv		ND	3.9	ug/m3
74-87-3	50.49	Chloromethane	ND	0.80	0.16	ppbv		ND	1.7	ug/m3
107-05-1	76.53	3-Chloropropene	ND	0.80	0.12	ppbv		ND	2.5	ug/m3
95-49-8	126.6	2-Chlorotoluene	ND	0.80	0.089	ppbv		ND	4.1	ug/m3
56-23-5	153.8	Carbon tetrachloride	ND	0.80	0.11	ppbv		ND	5.0	ug/m3
110-82-7	84.16	Cyclohexane	ND	0.80	0.14	ppbv		ND	2.8	ug/m3
75-34-3	98.96	1,1-Dichloroethane	ND	0.80	0.085	ppbv		ND	3.2	ug/m3
75-35-4	96.94	1,1-Dichloroethylene	ND	0.80	0.16	ppbv		ND	3.2	ug/m3
106-93-4	187.9	1,2-Dibromoethane	ND	0.80	0.12	ppbv		ND	6.1	ug/m3
107-06-2	98.96	1,2-Dichloroethane	ND	0.80	0.15	ppbv		ND	3.2	ug/m3
78-87-5	113	1,2-Dichloropropane	ND	0.80	0.12	ppbv		ND	3.7	ug/m3
123-91-1	88.12	1,4-Dioxane	ND	0.80	0.18	ppbv		ND	2.9	ug/m3
75-71-8	120.9	Dichlorodifluoromethane	ND	0.80	0.12	ppbv		ND	4.0	ug/m3
124-48-1	208.3	Dibromochloromethane	ND	0.80	0.075	ppbv		ND	6.8	ug/m3
156-60-5	96.94	trans-1,2-Dichloroethylene	ND	0.80	0.094	ppbv		ND	3.2	ug/m3
156-59-2	96.94	cis-1,2-Dichloroethylene	ND	0.80	0.11	ppbv		ND	3.2	ug/m3
10061-01-5	111	cis-1,3-Dichloropropene	ND	0.80	0.11	ppbv		ND	3.6	ug/m3
541-73-1	147	m-Dichlorobenzene	ND	0.80	0.18	ppbv		ND	4.8	ug/m3
95-50-1	147	o-Dichlorobenzene	ND	0.80	0.16	ppbv		ND	4.8	ug/m3
106-46-7	147	p-Dichlorobenzene	0.58	0.80	0.18	ppbv	J	3.5	4.8	ug/m3
10061-02-6	111	trans-1,3-Dichloropropene	ND	0.80	0.13	ppbv		ND	3.6	ug/m3

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: SVP-4
Lab Sample ID: JA11797-4 **Date Sampled:** 02/10/09
Matrix: AIR - Air Summa ID: A295 **Date Received:** 02/10/09
Method: TO-15 **Percent Solids:** n/a
Project: Via Verde, 700-730 Brook Avenue, Bronx, NY

CAS No.	MW	Compound	Result	RL	MDL	Units	Q	Result	RL	Units
64-17-5	46.07	Ethanol	1.6	2.0	0.19	ppbv	J	3.0	3.8	ug/m3
100-41-4	106.2	Ethylbenzene	ND	0.80	0.073	ppbv		ND	3.5	ug/m3
141-78-6	88	Ethyl Acetate	ND	0.80	0.18	ppbv		ND	2.9	ug/m3
622-96-8	120.2	4-Ethyltoluene	ND	0.80	0.15	ppbv		ND	3.9	ug/m3
76-13-1	187.4	Freon 113	ND	0.80	0.080	ppbv		ND	6.1	ug/m3
76-14-2	170.9	Freon 114	ND	0.80	0.11	ppbv		ND	5.6	ug/m3
142-82-5	100.2	Heptane	ND	0.80	0.082	ppbv		ND	3.3	ug/m3
87-68-3	260.8	Hexachlorobutadiene	ND	0.80	0.33	ppbv		ND	8.5	ug/m3
110-54-3	86.17	Hexane	ND	0.80	0.22	ppbv		ND	2.8	ug/m3
591-78-6	100	2-Hexanone	ND	0.80	0.10	ppbv		ND	3.3	ug/m3
67-63-0	60.1	Isopropyl Alcohol	ND	0.80	0.14	ppbv		ND	2.0	ug/m3
75-09-2	84.94	Methylene chloride	ND	0.80	0.16	ppbv		ND	2.8	ug/m3
78-93-3	72.11	Methyl ethyl ketone	ND	0.80	0.15	ppbv		ND	2.4	ug/m3
108-10-1	100.2	Methyl Isobutyl Ketone	ND	0.80	0.087	ppbv		ND	3.3	ug/m3
1634-04-4	88.15	Methyl Tert Butyl Ether	ND	0.80	0.074	ppbv		ND	2.9	ug/m3
115-07-1	42	Propylene	ND	2.0	0.21	ppbv		ND	3.4	ug/m3
100-42-5	104.1	Styrene	ND	0.80	0.092	ppbv		ND	3.4	ug/m3
71-55-6	133.4	1,1,1-Trichloroethane	ND	0.80	0.11	ppbv		ND	4.4	ug/m3
79-34-5	167.9	1,1,2,2-Tetrachloroethane	ND	0.80	0.097	ppbv		ND	5.5	ug/m3
79-00-5	133.4	1,1,2-Trichloroethane	ND	0.80	0.080	ppbv		ND	4.4	ug/m3
120-82-1	181.5	1,2,4-Trichlorobenzene	ND	0.80	0.26	ppbv		ND	5.9	ug/m3
95-63-6	120.2	1,2,4-Trimethylbenzene	ND	0.80	0.097	ppbv		ND	3.9	ug/m3
108-67-8	120.2	1,3,5-Trimethylbenzene	ND	0.80	0.084	ppbv		ND	3.9	ug/m3
540-84-1	114.2	2,2,4-Trimethylpentane	1.1	0.80	0.11	ppbv		5.1	3.7	ug/m3
75-65-0	74.12	Tertiary Butyl Alcohol	ND	0.80	0.11	ppbv		ND	2.4	ug/m3
127-18-4	165.8	Tetrachloroethylene	ND	0.80	0.11	ppbv		ND	5.4	ug/m3
109-99-9	72.11	Tetrahydrofuran	ND	0.80	0.11	ppbv		ND	2.4	ug/m3
108-88-3	92.14	Toluene	5.8	0.80	0.079	ppbv		22	3.0	ug/m3
79-01-6	131.4	Trichloroethylene	ND	0.80	0.12	ppbv		ND	4.3	ug/m3
75-69-4	137.4	Trichlorofluoromethane	0.60	0.80	0.12	ppbv	J	3.4	4.5	ug/m3
75-01-4	62.5	Vinyl chloride	ND	0.80	0.12	ppbv		ND	2.0	ug/m3
108-05-4	86	Vinyl Acetate	ND	0.80	0.35	ppbv		ND	2.8	ug/m3
	106.2	m,p-Xylene	0.85	0.80	0.40	ppbv		3.7	3.5	ug/m3
95-47-6	106.2	o-Xylene	ND	0.80	0.10	ppbv		ND	3.5	ug/m3
1330-20-7	106.2	Xylenes (total)	0.85	0.80	0.10	ppbv		3.7	3.5	ug/m3

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

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 LabLink@489202 15:53 25-Feb-2009

Report of Analysis

Client Sample ID: SVP-5
Lab Sample ID: JA11797-5 **Date Sampled:** 02/10/09
Matrix: AIR - Air Summa ID: A645 **Date Received:** 02/10/09
Method: TO-15 **Percent Solids:** n/a
Project: Via Verde, 700-730 Brook Avenue, Bronx, NY

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	2W22130.D	1	02/17/09	YMH	n/a	n/a	V2W950
Run #2							

	Initial Volume
Run #1	100 ml
Run #2	

CAS No.	MW	Compound	Result	RL	MDL	Units	Q	Result	RL	Units
67-64-1	58.08	Acetone	12.1	0.80	0.18	ppbv		28.7	1.9	ug/m3
106-99-0	54.09	1,3-Butadiene	ND	0.80	0.21	ppbv		ND	1.8	ug/m3
71-43-2	78.11	Benzene	ND	0.80	0.068	ppbv		ND	2.6	ug/m3
75-27-4	163.8	Bromodichloromethane	ND	0.80	0.092	ppbv		ND	5.4	ug/m3
75-25-2	252.8	Bromoform	ND	0.80	0.12	ppbv		ND	8.3	ug/m3
74-83-9	94.94	Bromomethane	ND	0.80	0.13	ppbv		ND	3.1	ug/m3
593-60-2	106.9	Bromoethene	ND	0.80	0.13	ppbv		ND	3.5	ug/m3
100-44-7	126	Benzyl Chloride	ND	0.80	0.15	ppbv		ND	4.1	ug/m3
75-15-0	76.14	Carbon disulfide	1.1	0.80	0.070	ppbv		3.4	2.5	ug/m3
108-90-7	112.6	Chlorobenzene	ND	0.80	0.11	ppbv		ND	3.7	ug/m3
75-00-3	64.52	Chloroethane	ND	0.80	0.10	ppbv		ND	2.1	ug/m3
67-66-3	119.4	Chloroform	ND	0.80	0.082	ppbv		ND	3.9	ug/m3
74-87-3	50.49	Chloromethane	ND	0.80	0.16	ppbv		ND	1.7	ug/m3
107-05-1	76.53	3-Chloropropene	ND	0.80	0.12	ppbv		ND	2.5	ug/m3
95-49-8	126.6	2-Chlorotoluene	ND	0.80	0.089	ppbv		ND	4.1	ug/m3
56-23-5	153.8	Carbon tetrachloride	ND	0.80	0.11	ppbv		ND	5.0	ug/m3
110-82-7	84.16	Cyclohexane	ND	0.80	0.14	ppbv		ND	2.8	ug/m3
75-34-3	98.96	1,1-Dichloroethane	ND	0.80	0.085	ppbv		ND	3.2	ug/m3
75-35-4	96.94	1,1-Dichloroethylene	ND	0.80	0.16	ppbv		ND	3.2	ug/m3
106-93-4	187.9	1,2-Dibromoethane	ND	0.80	0.12	ppbv		ND	6.1	ug/m3
107-06-2	98.96	1,2-Dichloroethane	ND	0.80	0.15	ppbv		ND	3.2	ug/m3
78-87-5	113	1,2-Dichloropropane	ND	0.80	0.12	ppbv		ND	3.7	ug/m3
123-91-1	88.12	1,4-Dioxane	ND	0.80	0.18	ppbv		ND	2.9	ug/m3
75-71-8	120.9	Dichlorodifluoromethane	ND	0.80	0.12	ppbv		ND	4.0	ug/m3
124-48-1	208.3	Dibromochloromethane	ND	0.80	0.075	ppbv		ND	6.8	ug/m3
156-60-5	96.94	trans-1,2-Dichloroethylene	ND	0.80	0.094	ppbv		ND	3.2	ug/m3
156-59-2	96.94	cis-1,2-Dichloroethylene	ND	0.80	0.11	ppbv		ND	3.2	ug/m3
10061-01-5	111	cis-1,3-Dichloropropene	ND	0.80	0.11	ppbv		ND	3.6	ug/m3
541-73-1	147	m-Dichlorobenzene	ND	0.80	0.18	ppbv		ND	4.8	ug/m3
95-50-1	147	o-Dichlorobenzene	ND	0.80	0.16	ppbv		ND	4.8	ug/m3
106-46-7	147	p-Dichlorobenzene	ND	0.80	0.18	ppbv		ND	4.8	ug/m3
10061-02-6	111	trans-1,3-Dichloropropene	ND	0.80	0.13	ppbv		ND	3.6	ug/m3

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: SVP-5
Lab Sample ID: JA11797-5 **Date Sampled:** 02/10/09
Matrix: AIR - Air Summa ID: A645 **Date Received:** 02/10/09
Method: TO-15 **Percent Solids:** n/a
Project: Via Verde, 700-730 Brook Avenue, Bronx, NY

CAS No.	MW	Compound	Result	RL	MDL	Units	Q	Result	RL	Units
64-17-5	46.07	Ethanol	1.3	2.0	0.19	ppbv	J	2.4	3.8	ug/m3
100-41-4	106.2	Ethylbenzene	ND	0.80	0.073	ppbv		ND	3.5	ug/m3
141-78-6	88	Ethyl Acetate	ND	0.80	0.18	ppbv		ND	2.9	ug/m3
622-96-8	120.2	4-Ethyltoluene	ND	0.80	0.15	ppbv		ND	3.9	ug/m3
76-13-1	187.4	Freon 113	ND	0.80	0.080	ppbv		ND	6.1	ug/m3
76-14-2	170.9	Freon 114	ND	0.80	0.11	ppbv		ND	5.6	ug/m3
142-82-5	100.2	Heptane	ND	0.80	0.082	ppbv		ND	3.3	ug/m3
87-68-3	260.8	Hexachlorobutadiene	ND	0.80	0.33	ppbv		ND	8.5	ug/m3
110-54-3	86.17	Hexane	0.63	0.80	0.22	ppbv	J	2.2	2.8	ug/m3
591-78-6	100	2-Hexanone	ND	0.80	0.10	ppbv		ND	3.3	ug/m3
67-63-0	60.1	Isopropyl Alcohol	ND	0.80	0.14	ppbv		ND	2.0	ug/m3
75-09-2	84.94	Methylene chloride	0.68	0.80	0.16	ppbv	J	2.4	2.8	ug/m3
78-93-3	72.11	Methyl ethyl ketone	ND	0.80	0.15	ppbv		ND	2.4	ug/m3
108-10-1	100.2	Methyl Isobutyl Ketone	ND	0.80	0.087	ppbv		ND	3.3	ug/m3
1634-04-4	88.15	Methyl Tert Butyl Ether	ND	0.80	0.074	ppbv		ND	2.9	ug/m3
115-07-1	42	Propylene	ND	2.0	0.21	ppbv		ND	3.4	ug/m3
100-42-5	104.1	Styrene	ND	0.80	0.092	ppbv		ND	3.4	ug/m3
71-55-6	133.4	1,1,1-Trichloroethane	ND	0.80	0.11	ppbv		ND	4.4	ug/m3
79-34-5	167.9	1,1,2,2-Tetrachloroethane	ND	0.80	0.097	ppbv		ND	5.5	ug/m3
79-00-5	133.4	1,1,2-Trichloroethane	ND	0.80	0.080	ppbv		ND	4.4	ug/m3
120-82-1	181.5	1,2,4-Trichlorobenzene	ND	0.80	0.26	ppbv		ND	5.9	ug/m3
95-63-6	120.2	1,2,4-Trimethylbenzene	ND	0.80	0.097	ppbv		ND	3.9	ug/m3
108-67-8	120.2	1,3,5-Trimethylbenzene	ND	0.80	0.084	ppbv		ND	3.9	ug/m3
540-84-1	114.2	2,2,4-Trimethylpentane	0.97	0.80	0.11	ppbv		4.5	3.7	ug/m3
75-65-0	74.12	Tertiary Butyl Alcohol	ND	0.80	0.11	ppbv		ND	2.4	ug/m3
127-18-4	165.8	Tetrachloroethylene	ND	0.80	0.11	ppbv		ND	5.4	ug/m3
109-99-9	72.11	Tetrahydrofuran	ND	0.80	0.11	ppbv		ND	2.4	ug/m3
108-88-3	92.14	Toluene	1.2	0.80	0.079	ppbv		4.5	3.0	ug/m3
79-01-6	131.4	Trichloroethylene	ND	0.80	0.12	ppbv		ND	4.3	ug/m3
75-69-4	137.4	Trichlorofluoromethane	ND	0.80	0.12	ppbv		ND	4.5	ug/m3
75-01-4	62.5	Vinyl chloride	ND	0.80	0.12	ppbv		ND	2.0	ug/m3
108-05-4	86	Vinyl Acetate	ND	0.80	0.35	ppbv		ND	2.8	ug/m3
	106.2	m,p-Xylene	ND	0.80	0.40	ppbv		ND	3.5	ug/m3
95-47-6	106.2	o-Xylene	ND	0.80	0.10	ppbv		ND	3.5	ug/m3
1330-20-7	106.2	Xylenes (total)	ND	0.80	0.10	ppbv		ND	3.5	ug/m3

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
460-00-4	4-Bromofluorobenzene	93%		78-124%

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 LabLink@489202 15:53 25-Feb-2009

Report of Analysis

Client Sample ID: SVP-6
Lab Sample ID: JA11797-6 **Date Sampled:** 02/10/09
Matrix: AIR - Air Summa ID: A300 **Date Received:** 02/10/09
Method: TO-15 **Percent Solids:** n/a
Project: Via Verde, 700-730 Brook Avenue, Bronx, NY

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	W20240.D	1	02/17/09	YMH	n/a	n/a	VW862
Run #2							

	Initial Volume
Run #1	100 ml
Run #2	

CAS No.	MW	Compound	Result	RL	MDL	Units	Q	Result	RL	Units
67-64-1	58.08	Acetone	2.2	0.80	0.18	ppbv		5.2	1.9	ug/m3
106-99-0	54.09	1,3-Butadiene	ND	0.80	0.21	ppbv		ND	1.8	ug/m3
71-43-2	78.11	Benzene	0.49	0.80	0.068	ppbv	J	1.6	2.6	ug/m3
75-27-4	163.8	Bromodichloromethane	1.8	0.80	0.092	ppbv		12	5.4	ug/m3
75-25-2	252.8	Bromoform	ND	0.80	0.12	ppbv		ND	8.3	ug/m3
74-83-9	94.94	Bromomethane	ND	0.80	0.13	ppbv		ND	3.1	ug/m3
593-60-2	106.9	Bromoethene	ND	0.80	0.13	ppbv		ND	3.5	ug/m3
100-44-7	126	Benzyl Chloride	ND	0.80	0.15	ppbv		ND	4.1	ug/m3
75-15-0	76.14	Carbon disulfide	1.5	0.80	0.070	ppbv		4.7	2.5	ug/m3
108-90-7	112.6	Chlorobenzene	ND	0.80	0.11	ppbv		ND	3.7	ug/m3
75-00-3	64.52	Chloroethane	ND	0.80	0.10	ppbv		ND	2.1	ug/m3
67-66-3	119.4	Chloroform	126	0.80	0.082	ppbv		615	3.9	ug/m3
74-87-3	50.49	Chloromethane	ND	0.80	0.16	ppbv		ND	1.7	ug/m3
107-05-1	76.53	3-Chloropropene	ND	0.80	0.12	ppbv		ND	2.5	ug/m3
95-49-8	126.6	2-Chlorotoluene	ND	0.80	0.089	ppbv		ND	4.1	ug/m3
56-23-5	153.8	Carbon tetrachloride	ND	0.80	0.11	ppbv		ND	5.0	ug/m3
110-82-7	84.16	Cyclohexane	ND	0.80	0.14	ppbv		ND	2.8	ug/m3
75-34-3	98.96	1,1-Dichloroethane	ND	0.80	0.085	ppbv		ND	3.2	ug/m3
75-35-4	96.94	1,1-Dichloroethylene	ND	0.80	0.16	ppbv		ND	3.2	ug/m3
106-93-4	187.9	1,2-Dibromoethane	ND	0.80	0.12	ppbv		ND	6.1	ug/m3
107-06-2	98.96	1,2-Dichloroethane	ND	0.80	0.15	ppbv		ND	3.2	ug/m3
78-87-5	113	1,2-Dichloropropane	ND	0.80	0.12	ppbv		ND	3.7	ug/m3
123-91-1	88.12	1,4-Dioxane	ND	0.80	0.18	ppbv		ND	2.9	ug/m3
75-71-8	120.9	Dichlorodifluoromethane	1.2	0.80	0.12	ppbv		5.9	4.0	ug/m3
124-48-1	208.3	Dibromochloromethane	ND	0.80	0.075	ppbv		ND	6.8	ug/m3
156-60-5	96.94	trans-1,2-Dichloroethylene	ND	0.80	0.094	ppbv		ND	3.2	ug/m3
156-59-2	96.94	cis-1,2-Dichloroethylene	ND	0.80	0.11	ppbv		ND	3.2	ug/m3
10061-01-5	111	cis-1,3-Dichloropropene	ND	0.80	0.11	ppbv		ND	3.6	ug/m3
541-73-1	147	m-Dichlorobenzene	ND	0.80	0.18	ppbv		ND	4.8	ug/m3
95-50-1	147	o-Dichlorobenzene	ND	0.80	0.16	ppbv		ND	4.8	ug/m3
106-46-7	147	p-Dichlorobenzene	ND	0.80	0.18	ppbv		ND	4.8	ug/m3
10061-02-6	111	trans-1,3-Dichloropropene	ND	0.80	0.13	ppbv		ND	3.6	ug/m3

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: SVP-6
Lab Sample ID: JA11797-6 **Date Sampled:** 02/10/09
Matrix: AIR - Air Summa ID: A300 **Date Received:** 02/10/09
Method: TO-15 **Percent Solids:** n/a
Project: Via Verde, 700-730 Brook Avenue, Bronx, NY

CAS No.	MW	Compound	Result	RL	MDL	Units	Q	Result	RL	Units
64-17-5	46.07	Ethanol	2.6	2.0	0.19	ppbv		4.9	3.8	ug/m3
100-41-4	106.2	Ethylbenzene	ND	0.80	0.073	ppbv		ND	3.5	ug/m3
141-78-6	88	Ethyl Acetate	ND	0.80	0.18	ppbv		ND	2.9	ug/m3
622-96-8	120.2	4-Ethyltoluene	ND	0.80	0.15	ppbv		ND	3.9	ug/m3
76-13-1	187.4	Freon 113	ND	0.80	0.080	ppbv		ND	6.1	ug/m3
76-14-2	170.9	Freon 114	ND	0.80	0.11	ppbv		ND	5.6	ug/m3
142-82-5	100.2	Heptane	ND	0.80	0.082	ppbv		ND	3.3	ug/m3
87-68-3	260.8	Hexachlorobutadiene	ND	0.80	0.33	ppbv		ND	8.5	ug/m3
110-54-3	86.17	Hexane	ND	0.80	0.22	ppbv		ND	2.8	ug/m3
591-78-6	100	2-Hexanone	ND	0.80	0.10	ppbv		ND	3.3	ug/m3
67-63-0	60.1	Isopropyl Alcohol	ND	0.80	0.14	ppbv		ND	2.0	ug/m3
75-09-2	84.94	Methylene chloride	2.2	0.80	0.16	ppbv		7.6	2.8	ug/m3
78-93-3	72.11	Methyl ethyl ketone	ND	0.80	0.15	ppbv		ND	2.4	ug/m3
108-10-1	100.2	Methyl Isobutyl Ketone	ND	0.80	0.087	ppbv		ND	3.3	ug/m3
1634-04-4	88.15	Methyl Tert Butyl Ether	ND	0.80	0.074	ppbv		ND	2.9	ug/m3
115-07-1	42	Propylene	ND	2.0	0.21	ppbv		ND	3.4	ug/m3
100-42-5	104.1	Styrene	ND	0.80	0.092	ppbv		ND	3.4	ug/m3
71-55-6	133.4	1,1,1-Trichloroethane	ND	0.80	0.11	ppbv		ND	4.4	ug/m3
79-34-5	167.9	1,1,2,2-Tetrachloroethane	ND	0.80	0.097	ppbv		ND	5.5	ug/m3
79-00-5	133.4	1,1,2-Trichloroethane	ND	0.80	0.080	ppbv		ND	4.4	ug/m3
120-82-1	181.5	1,2,4-Trichlorobenzene	ND	0.80	0.26	ppbv		ND	5.9	ug/m3
95-63-6	120.2	1,2,4-Trimethylbenzene	ND	0.80	0.097	ppbv		ND	3.9	ug/m3
108-67-8	120.2	1,3,5-Trimethylbenzene	ND	0.80	0.084	ppbv		ND	3.9	ug/m3
540-84-1	114.2	2,2,4-Trimethylpentane	ND	0.80	0.11	ppbv		ND	3.7	ug/m3
75-65-0	74.12	Tertiary Butyl Alcohol	ND	0.80	0.11	ppbv		ND	2.4	ug/m3
127-18-4	165.8	Tetrachloroethylene	1.2	0.80	0.11	ppbv		8.1	5.4	ug/m3
109-99-9	72.11	Tetrahydrofuran	ND	0.80	0.11	ppbv		ND	2.4	ug/m3
108-88-3	92.14	Toluene	3.0	0.80	0.079	ppbv		11	3.0	ug/m3
79-01-6	131.4	Trichloroethylene	ND	0.80	0.12	ppbv		ND	4.3	ug/m3
75-69-4	137.4	Trichlorofluoromethane	ND	0.80	0.12	ppbv		ND	4.5	ug/m3
75-01-4	62.5	Vinyl chloride	ND	0.80	0.12	ppbv		ND	2.0	ug/m3
108-05-4	86	Vinyl Acetate	ND	0.80	0.35	ppbv		ND	2.8	ug/m3
	106.2	m,p-Xylene	ND	0.80	0.40	ppbv		ND	3.5	ug/m3
95-47-6	106.2	o-Xylene	ND	0.80	0.10	ppbv		ND	3.5	ug/m3
1330-20-7	106.2	Xylenes (total)	ND	0.80	0.10	ppbv		ND	3.5	ug/m3

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

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 LabLink@489202 15:53 25-Feb-2009

Report of Analysis

Client Sample ID: SVP-7
Lab Sample ID: JA11797-7 **Date Sampled:** 02/10/09
Matrix: AIR - Air Summa ID: A461 **Date Received:** 02/10/09
Method: TO-15 **Percent Solids:** n/a
Project: Via Verde, 700-730 Brook Avenue, Bronx, NY

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	W20241.D	1	02/17/09	YMH	n/a	n/a	VW862
Run #2							

	Initial Volume
Run #1	100 ml
Run #2	

CAS No.	MW	Compound	Result	RL	MDL	Units	Q	Result	RL	Units
67-64-1	58.08	Acetone	6.7	0.80	0.18	ppbv		16	1.9	ug/m3
106-99-0	54.09	1,3-Butadiene	ND	0.80	0.21	ppbv		ND	1.8	ug/m3
71-43-2	78.11	Benzene	0.97	0.80	0.068	ppbv		3.1	2.6	ug/m3
75-27-4	163.8	Bromodichloromethane	ND	0.80	0.092	ppbv		ND	5.4	ug/m3
75-25-2	252.8	Bromoform	ND	0.80	0.12	ppbv		ND	8.3	ug/m3
74-83-9	94.94	Bromomethane	ND	0.80	0.13	ppbv		ND	3.1	ug/m3
593-60-2	106.9	Bromoethene	ND	0.80	0.13	ppbv		ND	3.5	ug/m3
100-44-7	126	Benzyl Chloride	ND	0.80	0.15	ppbv		ND	4.1	ug/m3
75-15-0	76.14	Carbon disulfide	3.5	0.80	0.070	ppbv		11	2.5	ug/m3
108-90-7	112.6	Chlorobenzene	ND	0.80	0.11	ppbv		ND	3.7	ug/m3
75-00-3	64.52	Chloroethane	ND	0.80	0.10	ppbv		ND	2.1	ug/m3
67-66-3	119.4	Chloroform	ND	0.80	0.082	ppbv		ND	3.9	ug/m3
74-87-3	50.49	Chloromethane	ND	0.80	0.16	ppbv		ND	1.7	ug/m3
107-05-1	76.53	3-Chloropropene	ND	0.80	0.12	ppbv		ND	2.5	ug/m3
95-49-8	126.6	2-Chlorotoluene	ND	0.80	0.089	ppbv		ND	4.1	ug/m3
56-23-5	153.8	Carbon tetrachloride	ND	0.80	0.11	ppbv		ND	5.0	ug/m3
110-82-7	84.16	Cyclohexane	ND	0.80	0.14	ppbv		ND	2.8	ug/m3
75-34-3	98.96	1,1-Dichloroethane	ND	0.80	0.085	ppbv		ND	3.2	ug/m3
75-35-4	96.94	1,1-Dichloroethylene	ND	0.80	0.16	ppbv		ND	3.2	ug/m3
106-93-4	187.9	1,2-Dibromoethane	ND	0.80	0.12	ppbv		ND	6.1	ug/m3
107-06-2	98.96	1,2-Dichloroethane	ND	0.80	0.15	ppbv		ND	3.2	ug/m3
78-87-5	113	1,2-Dichloropropane	ND	0.80	0.12	ppbv		ND	3.7	ug/m3
123-91-1	88.12	1,4-Dioxane	ND	0.80	0.18	ppbv		ND	2.9	ug/m3
75-71-8	120.9	Dichlorodifluoromethane	1.1	0.80	0.12	ppbv		5.4	4.0	ug/m3
124-48-1	208.3	Dibromochloromethane	ND	0.80	0.075	ppbv		ND	6.8	ug/m3
156-60-5	96.94	trans-1,2-Dichloroethylene	ND	0.80	0.094	ppbv		ND	3.2	ug/m3
156-59-2	96.94	cis-1,2-Dichloroethylene	ND	0.80	0.11	ppbv		ND	3.2	ug/m3
10061-01-5	111	cis-1,3-Dichloropropene	ND	0.80	0.11	ppbv		ND	3.6	ug/m3
541-73-1	147	m-Dichlorobenzene	ND	0.80	0.18	ppbv		ND	4.8	ug/m3
95-50-1	147	o-Dichlorobenzene	ND	0.80	0.16	ppbv		ND	4.8	ug/m3
106-46-7	147	p-Dichlorobenzene	0.39	0.80	0.18	ppbv	J	2.3	4.8	ug/m3
10061-02-6	111	trans-1,3-Dichloropropene	ND	0.80	0.13	ppbv		ND	3.6	ug/m3

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: SVP-7
Lab Sample ID: JA11797-7 **Date Sampled:** 02/10/09
Matrix: AIR - Air Summa ID: A461 **Date Received:** 02/10/09
Method: TO-15 **Percent Solids:** n/a
Project: Via Verde, 700-730 Brook Avenue, Bronx, NY

CAS No.	MW	Compound	Result	RL	MDL	Units	Q	Result	RL	Units
64-17-5	46.07	Ethanol	2.4	2.0	0.19	ppbv		4.5	3.8	ug/m3
100-41-4	106.2	Ethylbenzene	ND	0.80	0.073	ppbv		ND	3.5	ug/m3
141-78-6	88	Ethyl Acetate	ND	0.80	0.18	ppbv		ND	2.9	ug/m3
622-96-8	120.2	4-Ethyltoluene	ND	0.80	0.15	ppbv		ND	3.9	ug/m3
76-13-1	187.4	Freon 113	ND	0.80	0.080	ppbv		ND	6.1	ug/m3
76-14-2	170.9	Freon 114	ND	0.80	0.11	ppbv		ND	5.6	ug/m3
142-82-5	100.2	Heptane	1.9	0.80	0.082	ppbv		7.8	3.3	ug/m3
87-68-3	260.8	Hexachlorobutadiene	ND	0.80	0.33	ppbv		ND	8.5	ug/m3
110-54-3	86.17	Hexane	2.8	0.80	0.22	ppbv		9.9	2.8	ug/m3
591-78-6	100	2-Hexanone	ND	0.80	0.10	ppbv		ND	3.3	ug/m3
67-63-0	60.1	Isopropyl Alcohol	ND	0.80	0.14	ppbv		ND	2.0	ug/m3
75-09-2	84.94	Methylene chloride	0.71	0.80	0.16	ppbv	J	2.5	2.8	ug/m3
78-93-3	72.11	Methyl ethyl ketone	ND	0.80	0.15	ppbv		ND	2.4	ug/m3
108-10-1	100.2	Methyl Isobutyl Ketone	0.84	0.80	0.087	ppbv		3.4	3.3	ug/m3
1634-04-4	88.15	Methyl Tert Butyl Ether	ND	0.80	0.074	ppbv		ND	2.9	ug/m3
115-07-1	42	Propylene	3.3	2.0	0.21	ppbv		5.7	3.4	ug/m3
100-42-5	104.1	Styrene	ND	0.80	0.092	ppbv		ND	3.4	ug/m3
71-55-6	133.4	1,1,1-Trichloroethane	ND	0.80	0.11	ppbv		ND	4.4	ug/m3
79-34-5	167.9	1,1,2,2-Tetrachloroethane	ND	0.80	0.097	ppbv		ND	5.5	ug/m3
79-00-5	133.4	1,1,2-Trichloroethane	ND	0.80	0.080	ppbv		ND	4.4	ug/m3
120-82-1	181.5	1,2,4-Trichlorobenzene	ND	0.80	0.26	ppbv		ND	5.9	ug/m3
95-63-6	120.2	1,2,4-Trimethylbenzene	ND	0.80	0.097	ppbv		ND	3.9	ug/m3
108-67-8	120.2	1,3,5-Trimethylbenzene	ND	0.80	0.084	ppbv		ND	3.9	ug/m3
540-84-1	114.2	2,2,4-Trimethylpentane	0.93	0.80	0.11	ppbv		4.3	3.7	ug/m3
75-65-0	74.12	Tertiary Butyl Alcohol	ND	0.80	0.11	ppbv		ND	2.4	ug/m3
127-18-4	165.8	Tetrachloroethylene	3.2	0.80	0.11	ppbv		22	5.4	ug/m3
109-99-9	72.11	Tetrahydrofuran	ND	0.80	0.11	ppbv		ND	2.4	ug/m3
108-88-3	92.14	Toluene	5.9	0.80	0.079	ppbv		22	3.0	ug/m3
79-01-6	131.4	Trichloroethylene	ND	0.80	0.12	ppbv		ND	4.3	ug/m3
75-69-4	137.4	Trichlorofluoromethane	ND	0.80	0.12	ppbv		ND	4.5	ug/m3
75-01-4	62.5	Vinyl chloride	ND	0.80	0.12	ppbv		ND	2.0	ug/m3
108-05-4	86	Vinyl Acetate	ND	0.80	0.35	ppbv		ND	2.8	ug/m3
	106.2	m,p-Xylene	0.76	0.80	0.40	ppbv	J	3.3	3.5	ug/m3
95-47-6	106.2	o-Xylene	ND	0.80	0.10	ppbv		ND	3.5	ug/m3
1330-20-7	106.2	Xylenes (total)	0.76	0.80	0.10	ppbv	J	3.3	3.5	ug/m3

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

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 LabLink@489202 15:53 25-Feb-2009

Report of Analysis

Client Sample ID: SVP-8
Lab Sample ID: JA11797-8 **Date Sampled:** 02/10/09
Matrix: AIR - Air Summa ID: A043 **Date Received:** 02/10/09
Method: TO-15 **Percent Solids:** n/a
Project: Via Verde, 700-730 Brook Avenue, Bronx, NY

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	W20242.D	1	02/17/09	YMH	n/a	n/a	VW862
Run #2							

	Initial Volume
Run #1	100 ml
Run #2	

CAS No.	MW	Compound	Result	RL	MDL	Units	Q	Result	RL	Units
67-64-1	58.08	Acetone	2.9	0.80	0.18	ppbv		6.9	1.9	ug/m3
106-99-0	54.09	1,3-Butadiene	ND	0.80	0.21	ppbv		ND	1.8	ug/m3
71-43-2	78.11	Benzene	ND	0.80	0.068	ppbv		ND	2.6	ug/m3
75-27-4	163.8	Bromodichloromethane	ND	0.80	0.092	ppbv		ND	5.4	ug/m3
75-25-2	252.8	Bromoform	ND	0.80	0.12	ppbv		ND	8.3	ug/m3
74-83-9	94.94	Bromomethane	ND	0.80	0.13	ppbv		ND	3.1	ug/m3
593-60-2	106.9	Bromoethene	ND	0.80	0.13	ppbv		ND	3.5	ug/m3
100-44-7	126	Benzyl Chloride	ND	0.80	0.15	ppbv		ND	4.1	ug/m3
75-15-0	76.14	Carbon disulfide	ND	0.80	0.070	ppbv		ND	2.5	ug/m3
108-90-7	112.6	Chlorobenzene	ND	0.80	0.11	ppbv		ND	3.7	ug/m3
75-00-3	64.52	Chloroethane	ND	0.80	0.10	ppbv		ND	2.1	ug/m3
67-66-3	119.4	Chloroform	1.7	0.80	0.082	ppbv		8.3	3.9	ug/m3
74-87-3	50.49	Chloromethane	ND	0.80	0.16	ppbv		ND	1.7	ug/m3
107-05-1	76.53	3-Chloropropene	ND	0.80	0.12	ppbv		ND	2.5	ug/m3
95-49-8	126.6	2-Chlorotoluene	ND	0.80	0.089	ppbv		ND	4.1	ug/m3
56-23-5	153.8	Carbon tetrachloride	ND	0.80	0.11	ppbv		ND	5.0	ug/m3
110-82-7	84.16	Cyclohexane	ND	0.80	0.14	ppbv		ND	2.8	ug/m3
75-34-3	98.96	1,1-Dichloroethane	ND	0.80	0.085	ppbv		ND	3.2	ug/m3
75-35-4	96.94	1,1-Dichloroethylene	ND	0.80	0.16	ppbv		ND	3.2	ug/m3
106-93-4	187.9	1,2-Dibromoethane	ND	0.80	0.12	ppbv		ND	6.1	ug/m3
107-06-2	98.96	1,2-Dichloroethane	ND	0.80	0.15	ppbv		ND	3.2	ug/m3
78-87-5	113	1,2-Dichloropropane	ND	0.80	0.12	ppbv		ND	3.7	ug/m3
123-91-1	88.12	1,4-Dioxane	ND	0.80	0.18	ppbv		ND	2.9	ug/m3
75-71-8	120.9	Dichlorodifluoromethane	11.7	0.80	0.12	ppbv		57.9	4.0	ug/m3
124-48-1	208.3	Dibromochloromethane	ND	0.80	0.075	ppbv		ND	6.8	ug/m3
156-60-5	96.94	trans-1,2-Dichloroethylene	ND	0.80	0.094	ppbv		ND	3.2	ug/m3
156-59-2	96.94	cis-1,2-Dichloroethylene	ND	0.80	0.11	ppbv		ND	3.2	ug/m3
10061-01-5	111	cis-1,3-Dichloropropene	ND	0.80	0.11	ppbv		ND	3.6	ug/m3
541-73-1	147	m-Dichlorobenzene	ND	0.80	0.18	ppbv		ND	4.8	ug/m3
95-50-1	147	o-Dichlorobenzene	ND	0.80	0.16	ppbv		ND	4.8	ug/m3
106-46-7	147	p-Dichlorobenzene	ND	0.80	0.18	ppbv		ND	4.8	ug/m3
10061-02-6	111	trans-1,3-Dichloropropene	ND	0.80	0.13	ppbv		ND	3.6	ug/m3

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: SVP-8
Lab Sample ID: JA11797-8 **Date Sampled:** 02/10/09
Matrix: AIR - Air Summa ID: A043 **Date Received:** 02/10/09
Method: TO-15 **Percent Solids:** n/a
Project: Via Verde, 700-730 Brook Avenue, Bronx, NY

CAS No.	MW	Compound	Result	RL	MDL	Units	Q	Result	RL	Units
64-17-5	46.07	Ethanol	7.9	2.0	0.19	ppbv		15	3.8	ug/m3
100-41-4	106.2	Ethylbenzene	ND	0.80	0.073	ppbv		ND	3.5	ug/m3
141-78-6	88	Ethyl Acetate	ND	0.80	0.18	ppbv		ND	2.9	ug/m3
622-96-8	120.2	4-Ethyltoluene	ND	0.80	0.15	ppbv		ND	3.9	ug/m3
76-13-1	187.4	Freon 113	ND	0.80	0.080	ppbv		ND	6.1	ug/m3
76-14-2	170.9	Freon 114	ND	0.80	0.11	ppbv		ND	5.6	ug/m3
142-82-5	100.2	Heptane	ND	0.80	0.082	ppbv		ND	3.3	ug/m3
87-68-3	260.8	Hexachlorobutadiene	ND	0.80	0.33	ppbv		ND	8.5	ug/m3
110-54-3	86.17	Hexane	0.63	0.80	0.22	ppbv	J	2.2	2.8	ug/m3
591-78-6	100	2-Hexanone	ND	0.80	0.10	ppbv		ND	3.3	ug/m3
67-63-0	60.1	Isopropyl Alcohol	ND	0.80	0.14	ppbv		ND	2.0	ug/m3
75-09-2	84.94	Methylene chloride	0.91	0.80	0.16	ppbv		3.2	2.8	ug/m3
78-93-3	72.11	Methyl ethyl ketone	ND	0.80	0.15	ppbv		ND	2.4	ug/m3
108-10-1	100.2	Methyl Isobutyl Ketone	ND	0.80	0.087	ppbv		ND	3.3	ug/m3
1634-04-4	88.15	Methyl Tert Butyl Ether	ND	0.80	0.074	ppbv		ND	2.9	ug/m3
115-07-1	42	Propylene	ND	2.0	0.21	ppbv		ND	3.4	ug/m3
100-42-5	104.1	Styrene	ND	0.80	0.092	ppbv		ND	3.4	ug/m3
71-55-6	133.4	1,1,1-Trichloroethane	ND	0.80	0.11	ppbv		ND	4.4	ug/m3
79-34-5	167.9	1,1,2,2-Tetrachloroethane	ND	0.80	0.097	ppbv		ND	5.5	ug/m3
79-00-5	133.4	1,1,2-Trichloroethane	ND	0.80	0.080	ppbv		ND	4.4	ug/m3
120-82-1	181.5	1,2,4-Trichlorobenzene	ND	0.80	0.26	ppbv		ND	5.9	ug/m3
95-63-6	120.2	1,2,4-Trimethylbenzene	ND	0.80	0.097	ppbv		ND	3.9	ug/m3
108-67-8	120.2	1,3,5-Trimethylbenzene	ND	0.80	0.084	ppbv		ND	3.9	ug/m3
540-84-1	114.2	2,2,4-Trimethylpentane	ND	0.80	0.11	ppbv		ND	3.7	ug/m3
75-65-0	74.12	Tertiary Butyl Alcohol	ND	0.80	0.11	ppbv		ND	2.4	ug/m3
127-18-4	165.8	Tetrachloroethylene	0.80	0.80	0.11	ppbv		5.4	5.4	ug/m3
109-99-9	72.11	Tetrahydrofuran	ND	0.80	0.11	ppbv		ND	2.4	ug/m3
108-88-3	92.14	Toluene	3.1	0.80	0.079	ppbv		12	3.0	ug/m3
79-01-6	131.4	Trichloroethylene	ND	0.80	0.12	ppbv		ND	4.3	ug/m3
75-69-4	137.4	Trichlorofluoromethane	ND	0.80	0.12	ppbv		ND	4.5	ug/m3
75-01-4	62.5	Vinyl chloride	ND	0.80	0.12	ppbv		ND	2.0	ug/m3
108-05-4	86	Vinyl Acetate	ND	0.80	0.35	ppbv		ND	2.8	ug/m3
	106.2	m,p-Xylene	ND	0.80	0.40	ppbv		ND	3.5	ug/m3
95-47-6	106.2	o-Xylene	ND	0.80	0.10	ppbv		ND	3.5	ug/m3
1330-20-7	106.2	Xylenes (total)	ND	0.80	0.10	ppbv		ND	3.5	ug/m3

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
460-00-4	4-Bromofluorobenzene	95%		78-124%

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 LabLink@489202 15:53 25-Feb-2009

Report of Analysis

Client Sample ID: SVP-9
Lab Sample ID: JA11797-9 **Date Sampled:** 02/10/09
Matrix: AIR - Air Summa ID: A838 **Date Received:** 02/10/09
Method: TO-15 **Percent Solids:** n/a
Project: Via Verde, 700-730 Brook Avenue, Bronx, NY

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	W20243.D	1	02/17/09	YMH	n/a	n/a	VW862
Run #2							

	Initial Volume
Run #1	100 ml
Run #2	

CAS No.	MW	Compound	Result	RL	MDL	Units	Q	Result	RL	Units
67-64-1	58.08	Acetone	2.4	0.80	0.18	ppbv		5.7	1.9	ug/m3
106-99-0	54.09	1,3-Butadiene	ND	0.80	0.21	ppbv		ND	1.8	ug/m3
71-43-2	78.11	Benzene	ND	0.80	0.068	ppbv		ND	2.6	ug/m3
75-27-4	163.8	Bromodichloromethane	ND	0.80	0.092	ppbv		ND	5.4	ug/m3
75-25-2	252.8	Bromoform	ND	0.80	0.12	ppbv		ND	8.3	ug/m3
74-83-9	94.94	Bromomethane	ND	0.80	0.13	ppbv		ND	3.1	ug/m3
593-60-2	106.9	Bromoethene	ND	0.80	0.13	ppbv		ND	3.5	ug/m3
100-44-7	126	Benzyl Chloride	ND	0.80	0.15	ppbv		ND	4.1	ug/m3
75-15-0	76.14	Carbon disulfide	ND	0.80	0.070	ppbv		ND	2.5	ug/m3
108-90-7	112.6	Chlorobenzene	ND	0.80	0.11	ppbv		ND	3.7	ug/m3
75-00-3	64.52	Chloroethane	ND	0.80	0.10	ppbv		ND	2.1	ug/m3
67-66-3	119.4	Chloroform	1.1	0.80	0.082	ppbv		5.4	3.9	ug/m3
74-87-3	50.49	Chloromethane	ND	0.80	0.16	ppbv		ND	1.7	ug/m3
107-05-1	76.53	3-Chloropropene	ND	0.80	0.12	ppbv		ND	2.5	ug/m3
95-49-8	126.6	2-Chlorotoluene	ND	0.80	0.089	ppbv		ND	4.1	ug/m3
56-23-5	153.8	Carbon tetrachloride	ND	0.80	0.11	ppbv		ND	5.0	ug/m3
110-82-7	84.16	Cyclohexane	ND	0.80	0.14	ppbv		ND	2.8	ug/m3
75-34-3	98.96	1,1-Dichloroethane	ND	0.80	0.085	ppbv		ND	3.2	ug/m3
75-35-4	96.94	1,1-Dichloroethylene	ND	0.80	0.16	ppbv		ND	3.2	ug/m3
106-93-4	187.9	1,2-Dibromoethane	ND	0.80	0.12	ppbv		ND	6.1	ug/m3
107-06-2	98.96	1,2-Dichloroethane	ND	0.80	0.15	ppbv		ND	3.2	ug/m3
78-87-5	113	1,2-Dichloropropane	ND	0.80	0.12	ppbv		ND	3.7	ug/m3
123-91-1	88.12	1,4-Dioxane	ND	0.80	0.18	ppbv		ND	2.9	ug/m3
75-71-8	120.9	Dichlorodifluoromethane	30.7	0.80	0.12	ppbv		152	4.0	ug/m3
124-48-1	208.3	Dibromochloromethane	ND	0.80	0.075	ppbv		ND	6.8	ug/m3
156-60-5	96.94	trans-1,2-Dichloroethylene	ND	0.80	0.094	ppbv		ND	3.2	ug/m3
156-59-2	96.94	cis-1,2-Dichloroethylene	ND	0.80	0.11	ppbv		ND	3.2	ug/m3
10061-01-5	111	cis-1,3-Dichloropropene	ND	0.80	0.11	ppbv		ND	3.6	ug/m3
541-73-1	147	m-Dichlorobenzene	ND	0.80	0.18	ppbv		ND	4.8	ug/m3
95-50-1	147	o-Dichlorobenzene	ND	0.80	0.16	ppbv		ND	4.8	ug/m3
106-46-7	147	p-Dichlorobenzene	ND	0.80	0.18	ppbv		ND	4.8	ug/m3
10061-02-6	111	trans-1,3-Dichloropropene	ND	0.80	0.13	ppbv		ND	3.6	ug/m3

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: SVP-9
Lab Sample ID: JA11797-9 **Date Sampled:** 02/10/09
Matrix: AIR - Air Summa ID: A838 **Date Received:** 02/10/09
Method: TO-15 **Percent Solids:** n/a
Project: Via Verde, 700-730 Brook Avenue, Bronx, NY

CAS No.	MW	Compound	Result	RL	MDL	Units	Q	Result	RL	Units
64-17-5	46.07	Ethanol	3.1	2.0	0.19	ppbv		5.8	3.8	ug/m3
100-41-4	106.2	Ethylbenzene	ND	0.80	0.073	ppbv		ND	3.5	ug/m3
141-78-6	88	Ethyl Acetate	ND	0.80	0.18	ppbv		ND	2.9	ug/m3
622-96-8	120.2	4-Ethyltoluene	ND	0.80	0.15	ppbv		ND	3.9	ug/m3
76-13-1	187.4	Freon 113	ND	0.80	0.080	ppbv		ND	6.1	ug/m3
76-14-2	170.9	Freon 114	ND	0.80	0.11	ppbv		ND	5.6	ug/m3
142-82-5	100.2	Heptane	ND	0.80	0.082	ppbv		ND	3.3	ug/m3
87-68-3	260.8	Hexachlorobutadiene	ND	0.80	0.33	ppbv		ND	8.5	ug/m3
110-54-3	86.17	Hexane	ND	0.80	0.22	ppbv		ND	2.8	ug/m3
591-78-6	100	2-Hexanone	ND	0.80	0.10	ppbv		ND	3.3	ug/m3
67-63-0	60.1	Isopropyl Alcohol	ND	0.80	0.14	ppbv		ND	2.0	ug/m3
75-09-2	84.94	Methylene chloride	0.85	0.80	0.16	ppbv		3.0	2.8	ug/m3
78-93-3	72.11	Methyl ethyl ketone	ND	0.80	0.15	ppbv		ND	2.4	ug/m3
108-10-1	100.2	Methyl Isobutyl Ketone	0.69	0.80	0.087	ppbv	J	2.8	3.3	ug/m3
1634-04-4	88.15	Methyl Tert Butyl Ether	ND	0.80	0.074	ppbv		ND	2.9	ug/m3
115-07-1	42	Propylene	ND	2.0	0.21	ppbv		ND	3.4	ug/m3
100-42-5	104.1	Styrene	ND	0.80	0.092	ppbv		ND	3.4	ug/m3
71-55-6	133.4	1,1,1-Trichloroethane	ND	0.80	0.11	ppbv		ND	4.4	ug/m3
79-34-5	167.9	1,1,2,2-Tetrachloroethane	ND	0.80	0.097	ppbv		ND	5.5	ug/m3
79-00-5	133.4	1,1,2-Trichloroethane	ND	0.80	0.080	ppbv		ND	4.4	ug/m3
120-82-1	181.5	1,2,4-Trichlorobenzene	ND	0.80	0.26	ppbv		ND	5.9	ug/m3
95-63-6	120.2	1,2,4-Trimethylbenzene	ND	0.80	0.097	ppbv		ND	3.9	ug/m3
108-67-8	120.2	1,3,5-Trimethylbenzene	ND	0.80	0.084	ppbv		ND	3.9	ug/m3
540-84-1	114.2	2,2,4-Trimethylpentane	ND	0.80	0.11	ppbv		ND	3.7	ug/m3
75-65-0	74.12	Tertiary Butyl Alcohol	ND	0.80	0.11	ppbv		ND	2.4	ug/m3
127-18-4	165.8	Tetrachloroethylene	0.78	0.80	0.11	ppbv	J	5.3	5.4	ug/m3
109-99-9	72.11	Tetrahydrofuran	ND	0.80	0.11	ppbv		ND	2.4	ug/m3
108-88-3	92.14	Toluene	4.5	0.80	0.079	ppbv		17	3.0	ug/m3
79-01-6	131.4	Trichloroethylene	ND	0.80	0.12	ppbv		ND	4.3	ug/m3
75-69-4	137.4	Trichlorofluoromethane	0.89	0.80	0.12	ppbv		5.0	4.5	ug/m3
75-01-4	62.5	Vinyl chloride	ND	0.80	0.12	ppbv		ND	2.0	ug/m3
108-05-4	86	Vinyl Acetate	ND	0.80	0.35	ppbv		ND	2.8	ug/m3
	106.2	m,p-Xylene	ND	0.80	0.40	ppbv		ND	3.5	ug/m3
95-47-6	106.2	o-Xylene	ND	0.80	0.10	ppbv		ND	3.5	ug/m3
1330-20-7	106.2	Xylenes (total)	ND	0.80	0.10	ppbv		ND	3.5	ug/m3

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
460-00-4	4-Bromofluorobenzene	95%		78-124%

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 LabLink@489202 15:53 25-Feb-2009

Report of Analysis

Client Sample ID: SVP-10
Lab Sample ID: JA11797-10 **Date Sampled:** 02/10/09
Matrix: AIR - Air Summa ID: A360 **Date Received:** 02/10/09
Method: TO-15 **Percent Solids:** n/a
Project: Via Verde, 700-730 Brook Avenue, Bronx, NY

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	W20244.D	1	02/17/09	YMH	n/a	n/a	VW862
Run #2							

	Initial Volume
Run #1	100 ml
Run #2	

CAS No.	MW	Compound	Result	RL	MDL	Units	Q	Result	RL	Units
67-64-1	58.08	Acetone	151	0.80	0.18	ppbv		359	1.9	ug/m3
106-99-0	54.09	1,3-Butadiene	ND	0.80	0.21	ppbv		ND	1.8	ug/m3
71-43-2	78.11	Benzene	3.5	0.80	0.068	ppbv		11	2.6	ug/m3
75-27-4	163.8	Bromodichloromethane	ND	0.80	0.092	ppbv		ND	5.4	ug/m3
75-25-2	252.8	Bromoform	ND	0.80	0.12	ppbv		ND	8.3	ug/m3
74-83-9	94.94	Bromomethane	ND	0.80	0.13	ppbv		ND	3.1	ug/m3
593-60-2	106.9	Bromoethene	ND	0.80	0.13	ppbv		ND	3.5	ug/m3
100-44-7	126	Benzyl Chloride	ND	0.80	0.15	ppbv		ND	4.1	ug/m3
75-15-0	76.14	Carbon disulfide	13.7	0.80	0.070	ppbv		42.7	2.5	ug/m3
108-90-7	112.6	Chlorobenzene	ND	0.80	0.11	ppbv		ND	3.7	ug/m3
75-00-3	64.52	Chloroethane	ND	0.80	0.10	ppbv		ND	2.1	ug/m3
67-66-3	119.4	Chloroform	ND	0.80	0.082	ppbv		ND	3.9	ug/m3
74-87-3	50.49	Chloromethane	ND	0.80	0.16	ppbv		ND	1.7	ug/m3
107-05-1	76.53	3-Chloropropene	ND	0.80	0.12	ppbv		ND	2.5	ug/m3
95-49-8	126.6	2-Chlorotoluene	ND	0.80	0.089	ppbv		ND	4.1	ug/m3
56-23-5	153.8	Carbon tetrachloride	ND	0.80	0.11	ppbv		ND	5.0	ug/m3
110-82-7	84.16	Cyclohexane	1.7	0.80	0.14	ppbv		5.9	2.8	ug/m3
75-34-3	98.96	1,1-Dichloroethane	ND	0.80	0.085	ppbv		ND	3.2	ug/m3
75-35-4	96.94	1,1-Dichloroethylene	ND	0.80	0.16	ppbv		ND	3.2	ug/m3
106-93-4	187.9	1,2-Dibromoethane	ND	0.80	0.12	ppbv		ND	6.1	ug/m3
107-06-2	98.96	1,2-Dichloroethane	ND	0.80	0.15	ppbv		ND	3.2	ug/m3
78-87-5	113	1,2-Dichloropropane	ND	0.80	0.12	ppbv		ND	3.7	ug/m3
123-91-1	88.12	1,4-Dioxane	ND	0.80	0.18	ppbv		ND	2.9	ug/m3
75-71-8	120.9	Dichlorodifluoromethane	ND	0.80	0.12	ppbv		ND	4.0	ug/m3
124-48-1	208.3	Dibromochloromethane	ND	0.80	0.075	ppbv		ND	6.8	ug/m3
156-60-5	96.94	trans-1,2-Dichloroethylene	ND	0.80	0.094	ppbv		ND	3.2	ug/m3
156-59-2	96.94	cis-1,2-Dichloroethylene	ND	0.80	0.11	ppbv		ND	3.2	ug/m3
10061-01-5	111	cis-1,3-Dichloropropene	ND	0.80	0.11	ppbv		ND	3.6	ug/m3
541-73-1	147	m-Dichlorobenzene	ND	0.80	0.18	ppbv		ND	4.8	ug/m3
95-50-1	147	o-Dichlorobenzene	ND	0.80	0.16	ppbv		ND	4.8	ug/m3
106-46-7	147	p-Dichlorobenzene	ND	0.80	0.18	ppbv		ND	4.8	ug/m3
10061-02-6	111	trans-1,3-Dichloropropene	ND	0.80	0.13	ppbv		ND	3.6	ug/m3

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: SVP-10
Lab Sample ID: JA11797-10 **Date Sampled:** 02/10/09
Matrix: AIR - Air Summa ID: A360 **Date Received:** 02/10/09
Method: TO-15 **Percent Solids:** n/a
Project: Via Verde, 700-730 Brook Avenue, Bronx, NY

CAS No.	MW	Compound	Result	RL	MDL	Units	Q	Result	RL	Units
64-17-5	46.07	Ethanol	6.2	2.0	0.19	ppbv		12	3.8	ug/m3
100-41-4	106.2	Ethylbenzene	0.87	0.80	0.073	ppbv		3.8	3.5	ug/m3
141-78-6	88	Ethyl Acetate	ND	0.80	0.18	ppbv		ND	2.9	ug/m3
622-96-8	120.2	4-Ethyltoluene	ND	0.80	0.15	ppbv		ND	3.9	ug/m3
76-13-1	187.4	Freon 113	ND	0.80	0.080	ppbv		ND	6.1	ug/m3
76-14-2	170.9	Freon 114	ND	0.80	0.11	ppbv		ND	5.6	ug/m3
142-82-5	100.2	Heptane	4.5	0.80	0.082	ppbv		18	3.3	ug/m3
87-68-3	260.8	Hexachlorobutadiene	ND	0.80	0.33	ppbv		ND	8.5	ug/m3
110-54-3	86.17	Hexane	4.3	0.80	0.22	ppbv		15	2.8	ug/m3
591-78-6	100	2-Hexanone	ND	0.80	0.10	ppbv		ND	3.3	ug/m3
67-63-0	60.1	Isopropyl Alcohol	ND	0.80	0.14	ppbv		ND	2.0	ug/m3
75-09-2	84.94	Methylene chloride	ND	0.80	0.16	ppbv		ND	2.8	ug/m3
78-93-3	72.11	Methyl ethyl ketone	10.9	0.80	0.15	ppbv		32.1	2.4	ug/m3
108-10-1	100.2	Methyl Isobutyl Ketone	ND	0.80	0.087	ppbv		ND	3.3	ug/m3
1634-04-4	88.15	Methyl Tert Butyl Ether	ND	0.80	0.074	ppbv		ND	2.9	ug/m3
115-07-1	42	Propylene	ND	2.0	0.21	ppbv		ND	3.4	ug/m3
100-42-5	104.1	Styrene	ND	0.80	0.092	ppbv		ND	3.4	ug/m3
71-55-6	133.4	1,1,1-Trichloroethane	ND	0.80	0.11	ppbv		ND	4.4	ug/m3
79-34-5	167.9	1,1,2,2-Tetrachloroethane	ND	0.80	0.097	ppbv		ND	5.5	ug/m3
79-00-5	133.4	1,1,2-Trichloroethane	ND	0.80	0.080	ppbv		ND	4.4	ug/m3
120-82-1	181.5	1,2,4-Trichlorobenzene	ND	0.80	0.26	ppbv		ND	5.9	ug/m3
95-63-6	120.2	1,2,4-Trimethylbenzene	ND	0.80	0.097	ppbv		ND	3.9	ug/m3
108-67-8	120.2	1,3,5-Trimethylbenzene	ND	0.80	0.084	ppbv		ND	3.9	ug/m3
540-84-1	114.2	2,2,4-Trimethylpentane	ND	0.80	0.11	ppbv		ND	3.7	ug/m3
75-65-0	74.12	Tertiary Butyl Alcohol	0.78	0.80	0.11	ppbv	J	2.4	2.4	ug/m3
127-18-4	165.8	Tetrachloroethylene	17.8	0.80	0.11	ppbv		121	5.4	ug/m3
109-99-9	72.11	Tetrahydrofuran	ND	0.80	0.11	ppbv		ND	2.4	ug/m3
108-88-3	92.14	Toluene	13.5	0.80	0.079	ppbv		50.9	3.0	ug/m3
79-01-6	131.4	Trichloroethylene	ND	0.80	0.12	ppbv		ND	4.3	ug/m3
75-69-4	137.4	Trichlorofluoromethane	ND	0.80	0.12	ppbv		ND	4.5	ug/m3
75-01-4	62.5	Vinyl chloride	ND	0.80	0.12	ppbv		ND	2.0	ug/m3
108-05-4	86	Vinyl Acetate	ND	0.80	0.35	ppbv		ND	2.8	ug/m3
	106.2	m,p-Xylene	2.3	0.80	0.40	ppbv		10	3.5	ug/m3
95-47-6	106.2	o-Xylene	0.58	0.80	0.10	ppbv	J	2.5	3.5	ug/m3
1330-20-7	106.2	Xylenes (total)	2.8	0.80	0.10	ppbv		12	3.5	ug/m3

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
460-00-4	4-Bromofluorobenzene	107%		78-124%

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

Misc. Forms

Custody Documents and Other Forms

Includes the following where applicable:

- Chain of Custody
- Summa Canister and Flow Controller Log
- Sample Tracking Chronicle
- Internal Chain of Custody
- 2008 MDL Study - Method: TO-15

ACCUTEST Laboratories
www.accutest.com

CHAIN OF CUSTODY
Air Sampling Field Data Sheet

2235 US Highway 130, Dayton, NJ 08810
Tel: 732.329.0200 Fax: 732.329.3499

AIR

FED-EX Tracking #	Bottle Order Control # 72-273/2009-6	PAGE 1 OF 1
Lab Quote #	Lab Job # JA11797	

Client / Reporting Information

Company Name: CA Rich Inc.	Project Name: Via Verde
Address: 17 Dupont Street	Street: Brook Street.
City: Plainview State: NY Zip: 11803	City: Bronx State: NY
Project Contact: Deborah Shapiro E-mail: DShapiro@CARichinc.com	Project #: Via Verde
Phone #: (516)576-8844 Fax #: (516)576-0083	Client Purchase Order #: 562/2009-531
Sampler(s) Name(s): Kevin a Whelan	

Weather Parameters

Temperature (Fahrenheit)
Start: Maximum:
Stop: Minimum:

Atmospheric Pressure (inches of Hg)
Start: Maximum:
Stop: Minimum:

Other weather comment:

Requested Analysis

TO-15

Lab Sample #	Field ID / Point of Collection	Air Type: Indoor (I) Soil Vap (SV) Ambient(A)	Sampling Equipment Info: Canister Serial #	Canister Size 6L or 1L	Flow Controller Serial #	Start Sampling Information: Date	Time (24 hr clock)	Canister Pressure ("Hg)	Interior Temp (F)	Sampler Init.	Stop Sampling Information: Date	Time (24 hr clock)	Canister Pressure ("Hg)	Interior Temp (F)	Sampler Init.	Requested Analysis
-1	SVP-1	SV	A776	6	FC178	2/10	852	-30		KW	2/10	1050	-6		KW	X
-2	SVP-2	SV	305	6	185	2/10	857	-30		KW	2/10	1057	-1		KW	X
-3	SVP-3	SV	777	6	357	2/10	910	-30		KW	2/10	1155	-30		KW	X
-4	SVP-4	SV	295	6	159	2/10	915	-30		KW	2/10	1115	-5		KW	X
-5	SVP-5	SV	241	6	645	2/10	918	-30		KW	2/10	1118	-7		KW	X
-6	SVP-6	SV	300	6	240	2/10	924	-30		KW	2/10	1124	-5		KW	X
-7	SVP-7	SV	461	6	362	2/10	905	-30		KW	2/10	1105	-5		KW	X
-8	SVP-8	SV	043	6	180	2/10	930	-29		KW	2/10	1130	-7		KW	X
-9	SVP-9	SV	838	6	208	2/10	939	-30		KW	2/10	1139	-8		KW	X
-10	SVP-10	SV	360	6	278	2/10	942	-30		KW	2/10	1142	-7		KW	X

Turnaround Time (Business Days)

Standard - 15 Days	X
10 Day	
5 Day	
3 Day	
2 Day	
1 Day	
Other	

Approved By:
Date: Summa

Data Deliverable Information

All NJDEP TO-15 is mandatory Full T1

Comm A	
Comm B	
Reduced T2	
Full T1	
Other:	

Comments / Remarks

*SVP-3 samples flow meter did not show that sample was collected. End time was at -30. FC357 Please call before analysis.

Sample Custody must be documented below each time samples change possession, including courier delivery.

	Relinquished by Laboratory:	Date Time:	Received by:	Relinquished by:	Date Time:	Received by:
1	John L. Whelan	2/10/09 1806	1 GEL EX	2 Pat Del		
2	Relinquished by:	Date Time:	Received by:	Relinquished by:	Date Time:	Received by:
		2/10/09 1N	3 Pat Del	4 Pat Del	2/10/09 1830	4 Mark Kuss
3	Relinquished by:	Date Time:	Received by:	Custody Seal #		
			5			

Accutest Laboratories Sample Receipt Summary

Accutest Job Number: JA11797 **Client:** CARICH-NY **Immediate Client Services Action Required:** No

Date / Time Received: 2/10/2009 1830 **Delivery Method:** Accutest Courier **Client Service Action Required at Login:** Yes

Project: VIAVERDE **No. Coolers:** **Airbill #'s:**

Cooler Security	Y	N		Y	N
1. Custody Seals Present:	☐	☑	3. COC Present:	☑	☐
2. Custody Seals Intact:	☐	☑	4. Smpl Dates/Time OK	☑	☐

Cooler Temperature	Y	N
1. Temp criteria achieved:	☑	☐
2. Cooler temp verification:	Infared gun	
3. Cooler media:	Ice (bag)	

Quality Control Preservation	Y	N
1. Trip Blank present / cooler:	☐	☐
2. Trip Blank listed on COC:	☐	☐
3. Samples preserved properly:	☑	☐
4. VOCs headspace free:	☐	☐

Sample Integrity - Documentation	Y	N
1. Sample labels present on bottles:	☑	☐
2. Container labeling complete:	☑	☐
3. Sample container label / COC agree:	☑	☐

Sample Integrity - Condition	Y	N
1. Sample recvd within HT:	☑	☐
2. All containers accounted for:	☑	☐
3. Condition of sample:	Intact	

Sample Integrity - Instructions	Y	N
1. Analysis requested is clear:	☑	☐
2. Bottles received for unspecified tests	☐	☑
3. Sufficient volume recvd for analysis:	☑	☐
4. Compositing instructions clear:	☐	☐
5. Filtering instructions clear:	☐	☐

Comments -6 SUMMA AND FC # ARE SWITCHED ON COC

Accutest Laboratories
V:732.329.0200

2235 US Highway 130
F: 732.329.3499

Dayton, New Jersey
www/accutest.com

Sample Receipt Summary - Problem Resolution

CSR: **Response Date**

Response:

Accutest Laboratories
V:732.329.0200

2235 US Highway 130
F: 732.329.3499

Dayton, New Jersey
www/accutest.com

JA11797: Chain of Custody
Page 3 of 4

Job Change Order: JA11797_2/13/2009

Requested Date:	2/13/2009	**Received Date:**	2/10/2009
Account Name:	C. A. Rich Consultants	**Due Date:**	2/24/2009
Project Description:	Via Verde, 700-730 Brook Avenue, Bronx, NY	**Deliverable:**	NEED
CSR:	TE	**TAT (Days):**	14

Sample #:
JA11797-3

Change: Cancel this sample, cannister received with high vacuum reading.

SVP-3

Above Changes Deborah Shapiro **Date:** 2/13/2009

To Client: This Change Order is confirmation of the revisions, previously discussed with the Accutest Client Service Representative.

Page 1 of 1

JA11797: Chain of Custody
Page 4 of 4

Summa Canister and Flow Controller Log

Job Number: JA11797
Account: CARICH C. A. Rich Consultants
Project: Via Verde, 700-730 Brook Avenue, Bronx, NY
Received: 02/10/09

SUMMA CANISTERS

Shipping							Receiving						
Summa ID	L	Vac " Hg	Date Out	By	SCC Batch	SCC FileID	Sample Number	Date In	By	Vac " Hg	Pres psig	Final psig	Dil Fact
A776	6	29.4	02/03/09	WMC	CP3213	2W21824.D	JA11797-1	02/11/09	WMC	4			1
A305	6	29.4	02/03/09	WMC	CP3218	W19943.D	JA11797-2	02/11/09	WMC	0			1
A295	6	29.4	02/03/09	WMC	CP3214	3W9722.D	JA11797-4	02/11/09	WMC	4			1
A645	6	29.4	02/03/09	WMC	CP3216	3W9727.D	JA11797-5	02/11/09	WMC	6			1
A300	6	29.4	02/03/09	WMC	CP3219	2W21858.D	JA11797-6	02/11/09	WMC	3.5			1
A461	6	29.4	02/03/09	WMC	CP3220	W19955.D	JA11797-7	02/11/09	WMC	3.5			1
A043	6	29.4	02/03/09	WMC	CP3211	3W9695.D	JA11797-8	02/11/09	WMC	5			1
A838	6	29.4	02/03/09	WMC	CP3208	3W9687.D	JA11797-9	02/11/09	WMC	5			1
A360	6	29.4	02/03/09	WMC	CP3210	2W21812.D	JA11797-10	02/11/09	WMC	5.5			1

FLOW CONTROLLERS

Shipping					Receiving		
Flow Crtl ID	Date Out	By	cc/ min	Time hrs.	Date In	By	cc/ min
FC159	02/03/09	WMC	40.2	2	02/11/09	WMC	41.8
FC178	02/03/09	WMC	40.2	2	02/11/09	WMC	40.7
FC180	02/03/09	WMC	40.2	2	02/11/09	WMC	42.5
FC185	02/03/09	WMC	40.2	2	02/11/09	WMC	42.2
FC240	02/03/09	WMC	40.2	2	02/11/09	WMC	42.1
FC241	02/03/09	WMC	40.2	2	02/11/09	WMC	41.7
FC278	02/03/09	WMC	40.2	2	02/11/09	WMC	41.6
FC357	02/03/09	WMC	40.2	2	02/11/09	WMC	41.9
FC362	02/03/09	WMC	40.2	2	02/11/09	WMC	39.9
FC368	02/03/09	WMC	40.2	2	02/11/09	WMC	41.2

Accutest Bottle Order(s):
TE-2/3/2009-6

Prep Date	Room Temp(F)	Bar Pres "Hg
02/03/09	65.3	29.53

Internal Sample Tracking Chronicle

C. A. Rich Consultants

Job No: JA11797

Via Verde, 700-730 Brook Avenue, Bronx, NY

Sample Number	Method	Analyzed	By	Prepped	By	Test Codes
JA11797-1 SVP-1	Collected: 10-FEB-09 10:52 By:		Received: 10-FEB-09 By: MPC			
JA11797-1	TO-15	17-FEB-09 14:26	YMH			VTO15STD
JA11797-2 SVP-2	Collected: 10-FEB-09 10:57 By:		Received: 10-FEB-09 By: MPC			
JA11797-2	TO-15	17-FEB-09 15:51	YMH			VTO15STD
JA11797-4 SVP-4	Collected: 10-FEB-09 11:15 By:		Received: 10-FEB-09 By: MPC			
JA11797-4	TO-15	17-FEB-09 16:33	YMH			VTO15STD
JA11797-5 SVP-5	Collected: 10-FEB-09 11:18 By:		Received: 10-FEB-09 By: MPC			
JA11797-5	TO-15	17-FEB-09 17:15	YMH			VTO15STD
JA11797-6 SVP-6	Collected: 10-FEB-09 11:24 By:		Received: 10-FEB-09 By: MPC			
JA11797-6	TO-15	17-FEB-09 13:38	YMH			VTO15STD
JA11797-7 SVP-7	Collected: 10-FEB-09 11:05 By:		Received: 10-FEB-09 By: MPC			
JA11797-7	TO-15	17-FEB-09 14:18	YMH			VTO15STD
JA11797-8 SVP-8	Collected: 10-FEB-09 11:30 By:		Received: 10-FEB-09 By: MPC			
JA11797-8	TO-15	17-FEB-09 14:59	YMH			VTO15STD
JA11797-9 SVP-9	Collected: 10-FEB-09 11:39 By:		Received: 10-FEB-09 By: MPC			
JA11797-9	TO-15	17-FEB-09 15:40	YMH			VTO15STD

Internal Sample Tracking Chronicle

C. A. Rich Consultants

Job No: JA11797

Via Verde, 700-730 Brook Avenue, Bronx, NY

Sample Number	Method	Analyzed	By	Prepped	By	Test Codes
JA11797-10 Collected: 10-FEB-09 11:42 By: SVP-10			Received: 10-FEB-09 By: MPC			
JA11797-10	TO-15	17-FEB-09 16:21	YMH			VTO15STD

Accutest Internal Chain of Custody

Job Number: JA11797
Account: CARICH C. A. Rich Consultants
Project: Via Verde, 700-730 Brook Avenue, Bronx, NY
Received: 02/10/09

Sample.Bottle Number	Transfer FROM	Transfer TO	Date/Time	Reason
JA11797-1.1	Peter Dobi	Air Storage	02/10/09 19:48	Return to Storage
JA11797-1.1	Air Storage	Youmin Hu	02/13/09 16:41	Retrieve from Storage
JA11797-1.1	Youmin Hu	GCMSW	02/13/09 16:41	Load on Instrument
JA11797-1.1	GCMSW	Youmin Hu	02/16/09 09:37	Unload from Instrument
JA11797-1.1	Youmin Hu	Air Storage	02/16/09 09:37	Return to Storage
JA11797-1.1	Air Storage	Youmin Hu	02/17/09 16:45	Retrieve from Storage
JA11797-1.1	Youmin Hu	GCMS2W	02/17/09 16:45	Load on Instrument
JA11797-1.1	GCMS2W	Youmin Hu	02/18/09 16:54	Unload from Instrument
JA11797-1.1	Youmin Hu	Air Storage	02/18/09 16:54	Return to Storage
JA11797-2.1	Peter Dobi	Air Storage	02/10/09 19:48	Return to Storage
JA11797-2.1	Air Storage	Youmin Hu	02/13/09 16:41	Retrieve from Storage
JA11797-2.1	Youmin Hu	GCMSW	02/13/09 16:41	Load on Instrument
JA11797-2.1	GCMSW	Youmin Hu	02/16/09 09:37	Unload from Instrument
JA11797-2.1	Youmin Hu	Air Storage	02/16/09 09:37	Return to Storage
JA11797-2.1	Air Storage	Youmin Hu	02/17/09 16:45	Retrieve from Storage
JA11797-2.1	Youmin Hu	GCMS2W	02/17/09 16:45	Load on Instrument
JA11797-2.1	GCMS2W	Youmin Hu	02/18/09 16:54	Unload from Instrument
JA11797-2.1	Youmin Hu	Air Storage	02/18/09 16:54	Return to Storage
JA11797-4.1	Peter Dobi	Air Storage	02/10/09 19:48	Return to Storage
JA11797-4.1	Air Storage	Youmin Hu	02/13/09 16:41	Retrieve from Storage
JA11797-4.1	Youmin Hu	GCMSW	02/13/09 16:41	Load on Instrument
JA11797-4.1	GCMSW	Youmin Hu	02/16/09 09:37	Unload from Instrument
JA11797-4.1	Youmin Hu	Air Storage	02/16/09 09:37	Return to Storage
JA11797-4.1	Air Storage	Youmin Hu	02/17/09 16:45	Retrieve from Storage
JA11797-4.1	Youmin Hu	GCMS2W	02/17/09 16:45	Load on Instrument
JA11797-4.1	GCMS2W	Youmin Hu	02/18/09 16:54	Unload from Instrument
JA11797-4.1	Youmin Hu	Air Storage	02/18/09 16:54	Return to Storage
JA11797-5.1	Peter Dobi	Air Storage	02/10/09 19:48	Return to Storage
JA11797-5.1	Air Storage	Youmin Hu	02/13/09 16:41	Retrieve from Storage
JA11797-5.1	Youmin Hu	GCMSW	02/13/09 16:41	Load on Instrument
JA11797-5.1	GCMSW	Youmin Hu	02/16/09 09:37	Unload from Instrument
JA11797-5.1	Youmin Hu	Air Storage	02/16/09 09:37	Return to Storage
JA11797-5.1	Air Storage	Youmin Hu	02/17/09 16:45	Retrieve from Storage
JA11797-5.1	Youmin Hu	GCMS2W	02/17/09 16:45	Load on Instrument
JA11797-5.1	GCMS2W	Youmin Hu	02/18/09 16:54	Unload from Instrument
JA11797-5.1	Youmin Hu	Air Storage	02/18/09 16:54	Return to Storage
JA11797-6.1	Peter Dobi	Air Storage	02/10/09 19:48	Return to Storage
JA11797-6.1	Air Storage	Youmin Hu	02/13/09 16:41	Retrieve from Storage
JA11797-6.1	Youmin Hu	GCMSW	02/13/09 16:41	Load on Instrument
JA11797-6.1	GCMSW	Youmin Hu	02/16/09 09:37	Unload from Instrument

Accutest Internal Chain of Custody

Job Number: JA11797
Account: CARICH C. A. Rich Consultants
Project: Via Verde, 700-730 Brook Avenue, Bronx, NY
Received: 02/10/09

Sample.Bottle Number	Transfer FROM	Transfer TO	Date/Time	Reason
JA11797-6.1	Youmin Hu	Air Storage	02/16/09 09:37	Return to Storage
JA11797-6.1	Air Storage	Youmin Hu	02/17/09 17:18	Retrieve from Storage
JA11797-6.1	Youmin Hu	GCMSW	02/17/09 17:18	Load on Instrument
JA11797-6.1	GCMSW	Youmin Hu	02/18/09 16:55	Unload from Instrument
JA11797-6.1	Youmin Hu	Air Storage	02/18/09 16:55	Return to Storage
JA11797-7.1	Peter Dobi	Air Storage	02/10/09 19:48	Return to Storage
JA11797-7.1	Air Storage	Youmin Hu	02/17/09 17:18	Retrieve from Storage
JA11797-7.1	Youmin Hu	GCMSW	02/17/09 17:18	Load on Instrument
JA11797-7.1	GCMSW	Youmin Hu	02/18/09 16:55	Unload from Instrument
JA11797-7.1	Youmin Hu	Air Storage	02/18/09 16:55	Return to Storage
JA11797-8.1	Peter Dobi	Air Storage	02/10/09 19:48	Return to Storage
JA11797-8.1	Air Storage	Youmin Hu	02/17/09 17:18	Retrieve from Storage
JA11797-8.1	Youmin Hu	GCMSW	02/17/09 17:18	Load on Instrument
JA11797-8.1	GCMSW	Youmin Hu	02/18/09 16:55	Unload from Instrument
JA11797-8.1	Youmin Hu	Air Storage	02/18/09 16:55	Return to Storage
JA11797-9.1	Peter Dobi	Air Storage	02/10/09 19:48	Return to Storage
JA11797-9.1	Air Storage	Youmin Hu	02/17/09 17:18	Retrieve from Storage
JA11797-9.1	Youmin Hu	GCMSW	02/17/09 17:18	Load on Instrument
JA11797-9.1	GCMSW	Youmin Hu	02/18/09 16:55	Unload from Instrument
JA11797-9.1	Youmin Hu	Air Storage	02/18/09 16:55	Return to Storage
JA11797-10.1	Peter Dobi	Air Storage	02/10/09 19:48	Return to Storage
JA11797-10.1	Air Storage	Youmin Hu	02/17/09 17:18	Retrieve from Storage
JA11797-10.1	Youmin Hu	GCMSW	02/17/09 17:18	Load on Instrument
JA11797-10.1	GCMSW	Youmin Hu	02/18/09 16:55	Unload from Instrument
JA11797-10.1	Youmin Hu	Air Storage	02/18/09 16:55	Return to Storage

Accutest Laboratories Annual Method Detection Limit Determination
Dayton, NJ Facility

Method: TO-15 (VTO14/15)
Instrument(s): GCMS2W, GCMS3W, GCMSW
Analyst: Pooled

Matrix: AIR
Quant Factor: 1.00
Study Period: January,2008

			Replicate Spikes											
Cmpd./Element/Parm. Name	Analysis Date	Spike ppbv	R1 ppbv	R2 ppbv	R3 ppbv	R4 ppbv	R5 ppbv	R6 ppbv	R7 ppbv	X-Bar ppbv	X-Bar %Recov.	STD.Dev. ppbv	MDL	Spike/MDL Ratio
Acetone	4-Jan-08	0.1	0.16	0.16	0.16	0.14	0.13	0.15	0.17	0.15	152.27	0.01	0.04	2.26
1,3-Butadiene	22-Jan-08	0.1	0.14	0.15	0.18	0.14	0.17	0.14	0.16	0.15	154.25	0.02	0.05	1.86
Benzene	22-Jan-08	0.1	0.11	0.11	0.11	0.12	0.12	0.13	0.11	0.12	116.36	0.01	0.02	5.88
Bromodichloromethane	3-Jan-08	0.1	0.11	0.11	0.12	0.13	0.12	0.13	0.13	0.12	123.04	0.01	0.02	4.33
Bromoform	3-Jan-08	0.2	0.17	0.18	0.15	0.15	0.15	0.15	0.16	0.16	79.03	0.01	0.03	6.90
Bromomethane	22-Jan-08	0.1	0.14	0.14	0.14	0.15	0.15	0.17	0.15	0.15	148.16	0.01	0.03	3.19
Bromoethene	22-Jan-08	0.1	0.14	0.13	0.13	0.15	0.14	0.16	0.13	0.14	139.17	0.01	0.03	3.16
Benzyl Chloride	22-Jan-08	0.1	0.08	0.06	0.06	0.08	0.08	0.06	0.08	0.07	70.75	0.01	0.04	2.71
Carbon disulfide	22-Jan-08	0.1	0.13	0.13	0.13	0.13	0.13	0.14	0.13	0.13	132.41	0.01	0.02	5.67
Chlorobenzene	3-Jan-08	0.1	0.13	0.12	0.11	0.12	0.14	0.12	0.11	0.12	123.25	0.01	0.03	3.59
Chloroethane	4-Jan-08	0.1	0.14	0.13	0.14	0.15	0.14	0.14	0.16	0.14	142.18	0.01	0.03	3.82
Chloroform	22-Jan-08	0.1	0.11	0.11	0.11	0.12	0.12	0.13	0.11	0.11	113.44	0.01	0.02	4.87
Chloromethane	3-Jan-08	0.1	0.14	0.15	0.16	0.18	0.15	0.15	0.16	0.15	154.15	0.01	0.04	2.58
3-Chloropropene	3-Jan-08	0.2	0.19	0.19	0.18	0.17	0.20	0.18	0.19	0.19	93.41	0.01	0.03	6.91
2-Chlorotoluene	22-Jan-08	0.1	0.10	0.08	0.08	0.10	0.10	0.10	0.09	0.09	91.45	0.01	0.02	4.51
Carbon tetrachloride	3-Jan-08	0.2	0.23	0.24	0.22	0.23	0.21	0.22	0.23	0.23	113.24	0.01	0.03	7.37
Cyclohexane	3-Jan-08	0.1	0.13	0.12	0.14	0.16	0.13	0.14	0.13	0.14	136.87	0.01	0.03	2.94
1,1-Dichloroethane	3-Jan-08	0.1	0.13	0.13	0.13	0.15	0.13	0.14	0.13	0.13	133.37	0.01	0.02	4.69
1,1-Dichloroethylene	3-Jan-08	0.2	0.23	0.26	0.24	0.23	0.26	0.26	0.25	0.25	123.64	0.01	0.04	5.07
1,2-Dibromoethane	22-Jan-08	0.1	0.11	0.09	0.09	0.11	0.11	0.10	0.10	0.10	101.62	0.01	0.03	3.34
1,2-Dichloroethane	3-Jan-08	0.1	0.13	0.13	0.14	0.16	0.13	0.13	0.15	0.14	138.60	0.01	0.04	2.62
1,2-Dichloropropane	3-Jan-08	0.1	0.12	0.12	0.12	0.15	0.13	0.13	0.12	0.13	125.77	0.01	0.03	3.46
1,4-Dioxane	3-Jan-08	0.1	0.09	0.09	0.06	0.08	0.09	0.09	0.06	0.08	80.60	0.01	0.05	2.18
Dichlorodifluoromethane	3-Jan-08	0.1	0.14	0.15	0.15	0.17	0.14	0.16	0.16	0.15	152.56	0.01	0.03	3.33
Dibromochloromethane	4-Jan-08	0.2	0.23	0.23	0.22	0.22	0.22	0.22	0.23	0.22	110.91	0.01	0.02	10.70
trans-1,2-Dichloroethylene	4-Jan-08	0.1	0.18	0.17	0.17	0.18	0.19	0.17	0.19	0.18	177.13	0.01	0.02	4.27
cis-1,2-Dichloroethylene	3-Jan-08	0.2	0.24	0.24	0.22	0.22	0.24	0.23	0.23	0.23	115.67	0.01	0.03	7.28
cis-1,3-Dichloropropene	22-Jan-08	0.1	0.11	0.08	0.09	0.10	0.10	0.10	0.10	0.10	97.18	0.01	0.03	3.65
m-Dichlorobenzene	22-Jan-08	0.1	0.11	0.07	0.07	0.10	0.11	0.09	0.10	0.09	92.98	0.01	0.04	2.27
o-Dichlorobenzene	22-Jan-08	0.1	0.10	0.08	0.07	0.10	0.11	0.09	0.10	0.09	92.49	0.01	0.04	2.50
p-Dichlorobenzene	22-Jan-08	0.1	0.11	0.07	0.07	0.10	0.10	0.08	0.10	0.09	91.70	0.01	0.04	2.25
trans-1,3-Dichloropropene	22-Jan-08	0.1	0.09	0.07	0.07	0.09	0.09	0.09	0.09	0.09	85.28	0.01	0.03	3.16
Ethanol	3-Jan-08	0.1	0.15	0.16	0.13	0.14	0.16	0.17	0.13	0.15	150.73	0.02	0.05	2.12
Ethylbenzene	22-Jan-08	0.1	0.10	0.09	0.09	0.10	0.10	0.10	0.09	0.10	95.25	0.01	0.02	5.45
Ethyl Acetate	4-Jan-08	0.2	0.19	0.22	0.20	0.20	0.18	0.22	0.21	0.20	100.75	0.01	0.05	4.35
4-Ethyltoluene	3-Jan-08	0.2	0.19	0.18	0.16	0.16	0.18	0.17	0.16	0.17	85.73	0.01	0.04	5.49
Freon 113	22-Jan-08	0.1	0.14	0.13	0.13	0.14	0.13	0.15	0.13	0.14	135.18	0.01	0.02	4.98

Detection limits derived using the method described in 40 CFR Part 136, Appendix B

Method: TO-15 (VTO14/15)
Instrument(s): GCMS2W, GCMS3W, GCMSW
Analyst: Pooled

Matrix: AIR
Quant Factor: 1.00
Study Period: January,2008

			Replicate Spikes											
Cmpd./Element/Parm. Name	Analysis Date	Spike ppbv	R1 ppbv	R2 ppbv	R3 ppbv	R4 ppbv	R5 ppbv	R6 ppbv	R7 ppbv	X-Bar ppbv	X-Bar %Recov.	STD.Dev. ppbv	MDL	Spike/MDL Ratio
Freon 114	22-Jan-08	0.1	0.14	0.14	0.15	0.15	0.15	0.16	0.15	0.15	148.50	0.01	0.03	3.74
Heptane	3-Jan-08	0.1	0.14	0.14	0.14	0.16	0.14	0.15	0.14	0.14	144.44	0.01	0.02	4.85
Hexachlorobutadiene	22-Jan-08	0.1	0.13	0.08	0.09	0.14	0.15	0.11	0.13	0.12	119.71	0.03	0.08	1.20
Hexane	4-Jan-08	0.2	0.26	0.25	0.26	0.27	0.29	0.30	0.28	0.27	135.34	0.02	0.05	3.70
2-Hexanone	22-Jan-08	0.1	0.08	0.06	0.06	0.08	0.08	0.08	0.08	0.08	75.55	0.01	0.02	4.02
Isopropylbenzene	22-Jan-08	0.1	0.10	0.08	0.08	0.09	0.09	0.10	0.09	0.09	91.06	0.01	0.02	5.48
Isopropyl Alcohol	22-Jan-08	0.1	0.13	0.12	0.13	0.14	0.15	0.15	0.15	0.14	138.94	0.01	0.04	2.82
Methylene chloride	4-Jan-08	0.1	0.24	0.27	0.26	0.27	0.25	0.24	0.25	0.25	254.49	0.01	0.04	2.48
Methyl ethyl ketone	3-Jan-08	0.1	0.09	0.08	0.06	0.07	0.08	0.08	0.06	0.07	72.20	0.01	0.04	2.59
Methyl Isobutyl Ketone	22-Jan-08	0.1	0.08	0.07	0.07	0.09	0.09	0.09	0.08	0.08	81.94	0.01	0.02	4.61
Methyl Tert Butyl Ether	22-Jan-08	0.1	0.10	0.10	0.09	0.10	0.10	0.11	0.10	0.10	99.66	0.01	0.02	5.45
Methylmethacrylate	4-Jan-08	0.1	0.10	0.11	0.12	0.12	0.12	0.12	0.12	0.12	117.71	0.01	0.02	4.29
Nonane	3-Jan-08	0.1	0.12	0.13	0.12	0.15	0.12	0.13	0.12	0.13	128.52	0.01	0.03	3.76
Pentane	3-Jan-08	0.1	0.18	0.19	0.20	0.22	0.16	0.20	0.19	0.19	191.49	0.02	0.06	1.71
Propylene	3-Jan-08	0.2	0.27	0.27	0.28	0.27	0.24	0.25	0.25	0.26	131.15	0.02	0.05	3.77
Styrene	22-Jan-08	0.1	0.08	0.07	0.06	0.08	0.08	0.08	0.07	0.07	72.83	0.01	0.02	4.36
1,1,1-Trichloroethane	3-Jan-08	0.1	0.13	0.13	0.14	0.15	0.13	0.15	0.14	0.14	138.71	0.01	0.03	3.81
1,1,2,2-Tetrachloroethane	22-Jan-08	0.1	0.10	0.09	0.09	0.10	0.10	0.11	0.10	0.10	96.46	0.01	0.02	4.12
1,1,2-Trichloroethane	22-Jan-08	0.1	0.11	0.10	0.10	0.11	0.10	0.11	0.11	0.10	104.15	0.01	0.02	4.98
1,2,4-Trichlorobenzene	22-Jan-08	0.1	0.10	0.05	0.05	0.09	0.09	0.06	0.09	0.08	77.37	0.02	0.07	1.51
1,2,4-Trimethylbenzene	22-Jan-08	0.1	0.08	0.06	0.06	0.08	0.08	0.08	0.07	0.07	73.32	0.01	0.02	4.12
1,3,5-Trimethylbenzene	22-Jan-08	0.1	0.08	0.07	0.07	0.08	0.08	0.09	0.08	0.08	79.19	0.01	0.02	4.74
2,2,4-Trimethylpentane	3-Jan-08	0.2	0.24	0.25	0.23	0.23	0.23	0.23	0.24	0.24	118.96	0.01	0.03	7.62
Tertiary Butyl Alcohol	22-Jan-08	0.1	0.11	0.10	0.09	0.11	0.11	0.12	0.10	0.10	104.65	0.01	0.03	3.69
Tetrachloroethylene	3-Jan-08	0.1	0.13	0.12	0.12	0.14	0.13	0.13	0.11	0.13	127.57	0.01	0.03	3.76
Tetrahydrofuran	3-Jan-08	0.1	0.11	0.12	0.11	0.13	0.11	0.12	0.11	0.12	115.52	0.01	0.03	3.76
Toluene	3-Jan-08	0.1	0.11	0.11	0.10	0.11	0.11	0.11	0.10	0.11	107.33	0.01	0.02	5.09
Trichloroethylene	4-Jan-08	0.2	0.26	0.28	0.27	0.26	0.27	0.26	0.26	0.27	132.97	0.01	0.03	6.91
Trichlorofluoromethane	3-Jan-08	0.2	0.24	0.26	0.24	0.25	0.23	0.24	0.25	0.24	122.14	0.01	0.03	6.92
Vinyl chloride	22-Jan-08	0.1	0.14	0.14	0.14	0.15	0.15	0.17	0.15	0.15	148.64	0.01	0.03	3.21
Vinyl Acetate	3-Jan-08	0.2	0.15	0.18	0.15	0.13	0.16	0.15	0.09	0.14	72.28	0.03	0.09	2.27
m,p-Xylene	3-Jan-08	0.2	0.28	0.22	0.20	0.22	0.27	0.23	0.21	0.23	116.29	0.03	0.10	2.00
o-Xylene	3-Jan-08	0.1	0.11	0.10	0.09	0.11	0.11	0.10	0.09	0.10	103.36	0.01	0.03	3.89
TVHC As Equiv Pentane	4-Jan-08	0.1	0.16	0.18	0.20	0.16	0.14	0.16	0.15	0.16	164.67	0.02	0.06	1.55
TVHC As Equiv Heptane	3-Jan-08	0.1	0.15	0.14	0.14	0.17	0.15	0.17	0.14	0.15	148.73	0.01	0.04	2.48

Detection limits derived using the method described in 40 CFR Part 136, Appendix B

GC/MS Volatiles

QC Data Summaries

Includes the following where applicable:

- Method Blank Summaries
- Blank Spike Summaries
- Matrix Spike and Duplicate Summaries
- Instrument Performance Checks (BFB)
- Internal Standard Area Summaries
- Initial Calibration RT/ISTD Area Summaries
- Surrogate Recovery Summaries
- Initial and Continuing Calibration Summaries

New Jersey ACCUTEST Laboratories

IT'S ALL IN THE CHEMISTRY

03/09/09



Technical Report for

C. A. Rich Consultants

Via Verde, 700-730 Brook Avenue, Bronx, NY

Accutest Job Number: JA12930

Sampling Date: 02/25/09

Report to:

C. A. Rich Consultants

dshapiro@carichinc.com

ATTN: Deborah Shapiro

Total number of pages in report: **12**

ACCUTEST LABORATORIES 50 YEARS 1956-2006

ACCREDITED IN ACCORDANCE WITH nelac

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

David N. Speis
VP Ops, Laboratory Director

Client Service contact: Tony Esposito 732-329-0200

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

This report shall not be reproduced, except in its entirety, without the written approval of Accutest Laboratories.
Test results relate only to samples analyzed.

Note: This report is password protected to disallow document modification or assembly.
A password to unlock this report is available from your client service representative.

Sections: 1 2 3 4

Table of Contents

Section 1: Sample Summary **3**
Section 2: Case Narrative/Conformance Summary **4**
Section 3: Sample Results **5**
3.1: JA12930-1: SVP-3 6
Section 4: Misc. Forms **8**
4.1: Chain of Custody 9
4.2: Summa Canister and Flow Controller Log 12

Sample Summary

C. A. Rich Consultants

Job No: JA12930

Via Verde, 700-730 Brook Avenue, Bronx, NY

Sample Number	Collected Date	Time	By	Received	Matrix Code	Type	Client Sample ID
JA12930-1	02/25/09	12:57	VW	02/26/09	AIR	Air	SVP-3

CASE NARRATIVE / CONFORMANCE SUMMARY

Client:	C. A. Rich Consultants	**Job No**	JA12930
Site:	Via Verde, 700-730 Brook Avenue, Bronx, NY	**Report Date**	3/9/2009 6:16:55 PM

On 02/26/2009, 1 Sample(s), 0 Trip Blank(s) and 0 Field Blank(s) were received at Accutest Laboratories. Samples were intact and properly preserved, unless noted below. An Accutest Job Number of JA12930 was assigned to the project. Laboratory sample ID, client sample ID and dates of sample collection are detailed in the report's Results Summary Section.

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

Volatiles by GCMS By Method TO-15

Matrix: AIR **Batch ID:** V3W420

- All samples were analyzed within the recommended method holding time.
- All method blanks for this batch meet method specific criteria.
- Sample(s) JA12893-3RDUP were used as the QC samples indicated.

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

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

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

Sample Results

Report of Analysis

Report of Analysis

Client Sample ID: SVP-3
Lab Sample ID: JA12930-1 **Date Sampled:** 02/25/09
Matrix: AIR - Air Summa ID: A231 **Date Received:** 02/26/09
Method: TO-15 **Percent Solids:** n/a
Project: Via Verde, 700-730 Brook Avenue, Bronx, NY

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	3W10152.D	1.53	03/04/09	BR	n/a	n/a	V3W420
Run #2							

	Initial Volume
Run #1	153 ml
Run #2	

CAS No.	MW	Compound	Result	RL	MDL	Units	Q	Result	RL	Units
67-64-1	58.08	Acetone	34.1	0.80	0.18	ppbv		81.0	1.9	ug/m3
106-99-0	54.09	1,3-Butadiene	ND	0.80	0.21	ppbv		ND	1.8	ug/m3
71-43-2	78.11	Benzene	130	0.80	0.068	ppbv		415	2.6	ug/m3
75-27-4	163.8	Bromodichloromethane	ND	0.80	0.092	ppbv		ND	5.4	ug/m3
75-25-2	252.8	Bromoform	ND	0.80	0.12	ppbv		ND	8.3	ug/m3
74-83-9	94.94	Bromomethane	ND	0.80	0.13	ppbv		ND	3.1	ug/m3
593-60-2	106.9	Bromoethene	ND	0.80	0.13	ppbv		ND	3.5	ug/m3
100-44-7	126	Benzyl Chloride	ND	0.80	0.15	ppbv		ND	4.1	ug/m3
75-15-0	76.14	Carbon disulfide	2.2	0.80	0.070	ppbv		6.9	2.5	ug/m3
108-90-7	112.6	Chlorobenzene	ND	0.80	0.11	ppbv		ND	3.7	ug/m3
75-00-3	64.52	Chloroethane	ND	0.80	0.10	ppbv		ND	2.1	ug/m3
67-66-3	119.4	Chloroform	ND	0.80	0.082	ppbv		ND	3.9	ug/m3
74-87-3	50.49	Chloromethane	ND	0.80	0.16	ppbv		ND	1.7	ug/m3
107-05-1	76.53	3-Chloropropene	ND	0.80	0.12	ppbv		ND	2.5	ug/m3
95-49-8	126.6	2-Chlorotoluene	ND	0.80	0.089	ppbv		ND	4.1	ug/m3
56-23-5	153.8	Carbon tetrachloride	ND	0.80	0.11	ppbv		ND	5.0	ug/m3
110-82-7	84.16	Cyclohexane	ND	0.80	0.14	ppbv		ND	2.8	ug/m3
75-34-3	98.96	1,1-Dichloroethane	ND	0.80	0.085	ppbv		ND	3.2	ug/m3
75-35-4	96.94	1,1-Dichloroethylene	ND	0.80	0.16	ppbv		ND	3.2	ug/m3
106-93-4	187.9	1,2-Dibromoethane	ND	0.80	0.12	ppbv		ND	6.1	ug/m3
107-06-2	98.96	1,2-Dichloroethane	ND	0.80	0.15	ppbv		ND	3.2	ug/m3
78-87-5	113	1,2-Dichloropropane	ND	0.80	0.12	ppbv		ND	3.7	ug/m3
123-91-1	88.12	1,4-Dioxane	ND	0.80	0.18	ppbv		ND	2.9	ug/m3
75-71-8	120.9	Dichlorodifluoromethane	ND	0.80	0.12	ppbv		ND	4.0	ug/m3
124-48-1	208.3	Dibromochloromethane	ND	0.80	0.075	ppbv		ND	6.8	ug/m3
156-60-5	96.94	trans-1,2-Dichloroethylene	ND	0.80	0.094	ppbv		ND	3.2	ug/m3
156-59-2	96.94	cis-1,2-Dichloroethylene	ND	0.80	0.11	ppbv		ND	3.2	ug/m3
10061-01-5	111	cis-1,3-Dichloropropene	ND	0.80	0.11	ppbv		ND	3.6	ug/m3
541-73-1	147	m-Dichlorobenzene	ND	0.80	0.18	ppbv		ND	4.8	ug/m3
95-50-1	147	o-Dichlorobenzene	ND	0.80	0.16	ppbv		ND	4.8	ug/m3
106-46-7	147	p-Dichlorobenzene	ND	0.80	0.18	ppbv		ND	4.8	ug/m3
10061-02-6	111	trans-1,3-Dichloropropene	ND	0.80	0.13	ppbv		ND	3.6	ug/m3

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: SVP-3
Lab Sample ID: JA12930-1 **Date Sampled:** 02/25/09
Matrix: AIR - Air Summa ID: A231 **Date Received:** 02/26/09
Method: TO-15 **Percent Solids:** n/a
Project: Via Verde, 700-730 Brook Avenue, Bronx, NY

CAS No.	MW	Compound	Result	RL	MDL	Units	Q	Result	RL	Units
64-17-5	46.07	Ethanol	40.5	2.0	0.19	ppbv		76.3	3.8	ug/m3
100-41-4	106.2	Ethylbenzene	ND	0.80	0.073	ppbv		ND	3.5	ug/m3
141-78-6	88	Ethyl Acetate	ND	0.80	0.18	ppbv		ND	2.9	ug/m3
622-96-8	120.2	4-Ethyltoluene	ND	0.80	0.15	ppbv		ND	3.9	ug/m3
76-13-1	187.4	Freon 113	ND	0.80	0.080	ppbv		ND	6.1	ug/m3
76-14-2	170.9	Freon 114	ND	0.80	0.11	ppbv		ND	5.6	ug/m3
142-82-5	100.2	Heptane	0.68	0.80	0.082	ppbv	J	2.8	3.3	ug/m3
87-68-3	260.8	Hexachlorobutadiene	ND	0.80	0.33	ppbv		ND	8.5	ug/m3
110-54-3	86.17	Hexane	ND	0.80	0.22	ppbv		ND	2.8	ug/m3
591-78-6	100	2-Hexanone	1.8	0.80	0.10	ppbv		7.4	3.3	ug/m3
67-63-0	60.1	Isopropyl Alcohol	3.2	0.80	0.14	ppbv		7.9	2.0	ug/m3
75-09-2	84.94	Methylene chloride	ND	0.80	0.16	ppbv		ND	2.8	ug/m3
78-93-3	72.11	Methyl ethyl ketone	5.6	0.80	0.15	ppbv		17	2.4	ug/m3
108-10-1	100.2	Methyl Isobutyl Ketone	ND	0.80	0.087	ppbv		ND	3.3	ug/m3
1634-04-4	88.15	Methyl Tert Butyl Ether	ND	0.80	0.074	ppbv		ND	2.9	ug/m3
115-07-1	42	Propylene	10.8	2.0	0.21	ppbv		18.6	3.4	ug/m3
100-42-5	104.1	Styrene	ND	0.80	0.092	ppbv		ND	3.4	ug/m3
71-55-6	133.4	1,1,1-Trichloroethane	ND	0.80	0.11	ppbv		ND	4.4	ug/m3
79-34-5	167.9	1,1,2,2-Tetrachloroethane	ND	0.80	0.097	ppbv		ND	5.5	ug/m3
79-00-5	133.4	1,1,2-Trichloroethane	ND	0.80	0.080	ppbv		ND	4.4	ug/m3
120-82-1	181.5	1,2,4-Trichlorobenzene	ND	0.80	0.26	ppbv		ND	5.9	ug/m3
95-63-6	120.2	1,2,4-Trimethylbenzene	ND	0.80	0.097	ppbv		ND	3.9	ug/m3
108-67-8	120.2	1,3,5-Trimethylbenzene	ND	0.80	0.084	ppbv		ND	3.9	ug/m3
540-84-1	114.2	2,2,4-Trimethylpentane	ND	0.80	0.11	ppbv		ND	3.7	ug/m3
75-65-0	74.12	Tertiary Butyl Alcohol	1.4	0.80	0.11	ppbv		4.2	2.4	ug/m3
127-18-4	165.8	Tetrachloroethylene	ND	0.80	0.11	ppbv		ND	5.4	ug/m3
109-99-9	72.11	Tetrahydrofuran	ND	0.80	0.11	ppbv		ND	2.4	ug/m3
108-88-3	92.14	Toluene	3.5	0.80	0.079	ppbv		13	3.0	ug/m3
79-01-6	131.4	Trichloroethylene	ND	0.80	0.12	ppbv		ND	4.3	ug/m3
75-69-4	137.4	Trichlorofluoromethane	ND	0.80	0.12	ppbv		ND	4.5	ug/m3
75-01-4	62.5	Vinyl chloride	ND	0.80	0.12	ppbv		ND	2.0	ug/m3
108-05-4	86	Vinyl Acetate	ND	0.80	0.35	ppbv		ND	2.8	ug/m3
	106.2	m,p-Xylene	ND	0.80	0.40	ppbv		ND	3.5	ug/m3
95-47-6	106.2	o-Xylene	ND	0.80	0.10	ppbv		ND	3.5	ug/m3
1330-20-7	106.2	Xylenes (total)	ND	0.80	0.10	ppbv		ND	3.5	ug/m3

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

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

Misc. Forms

Custody Documents and Other Forms

Includes the following where applicable:

- Chain of Custody
- Summa Canister and Flow Controller Log

CHAIN OF CUSTODY
Air Sampling Field Data Sheet

ACCUTEST Laboratories
www.accutest.com AIR

2235 US Highway 130, Dayton, NJ 08810
Tel: 732.329.0200 Fax: 732.329.3499

PRX-130429K8

FED-EX Tracking #	Bottle Order Control # TE- 2/13/2009	PAGE 1 OF 1
Lab Quote #	Lab Job # JA12930	

Client / Reporting Information

Company Name: CA Rich Inc.
Address: 17 Dupont St.
City: Plainview State: NY Zip: 11803
Project Contact: Deborah Shapiro E-mail: DShapiro@CARich.com
Phone #: (516) 576-8844 Fax #: (516) 576-0003
Sampler(s) Name(s): KW + MY

Project Name: Via Verde
Street: 700-730 Brook Ave
City: Bronx State: NY
Project #:
Client Purchase Order #:

Weather Parameters

Temperature (Fahrenheit)
Start: Maximum:
Stop: Minimum:

Atmoshpheric Pressure (inches of Hg)
Start: Maximum:
Stop: Minimum:

Other weather comment:

Requested Analysis

10-15

Lab Sample #	Field ID / Point of Collection	Air Type: Indoor (I) Soil Vap (SV) Ambient(A)	Sampling Equipment Info: Canister Serial #	Canister Size 6L or 1L	Flow Controller Serial #	Start Sampling Information: Date	Time (24 hr clock)	Canister Pressure ("Hg)	Interior Temp (F)	Sampler Init.	Stop Sampling Information: Date	Time (24 hr clock)	Canister Pressure ("Hg)	Interior Temp (F)	Sampler Init.
-1	SVP-3	SV	A231	6L	159	2/25	946	-30		KW	2/25	1957	-9		KW

Turnaround Time (Business Days)

Standard - 15 Days	X
10 Day	
5 Day	
3 Day	
2 Day	
1 Day	
Other	

Approved By:_____
Date:_____

Data Deliverable Information

All NJDEP TO-15 is mandatory Full T1
Comm A
Comm B
Reduced T2
Full T1
Other: SEC Category B

Comments / Remarks

1 Summa Can (KW)
Summa

Sample Custody must be documented below each time samples change possession, including courier delivery.

Relinquished by Laboratory	Date Time:	Received by:	Relinquished by	Date Time:	Received by:
1 Guy Mauvais	2/19/09	1 Fed Ex	2 Fed Ex		2
3 KW LM	2/26/09	3 Bill Kane	4 Bill Kane	2/26/09	Received by: PM
5		5	Custody Seal #		

TA

4.1 4

JA12930: Chain of Custody
Page 1 of 3

ACCUTEST.

Sample Log-In Summary

JA12930 COC

Lab Name: Accutest Page ___ of ___

Received by (Print Name): Peter Pobi Log-in Date: 2/26/09

Received by (Signature): Peter Pobi

Case Number: N/A
SDG Number:
SAS Number: N/A

REMARKS:

1. Custody Seal(s) — Present/Absent* / Intact/Broken — N/A
2. Custody Seal Numbers:
3. Chain-of-Custody Records — Present/Absent*
4. Contract Lab Sample Inform. Sheet (CLSIS) — Present/Absent* — N/A
5. Airbill — Airbill/Sticker Present/Absent* — N/A
6. Airbill No.: N/A
7. Sample Tags Sample Tag Nos. — Present/Absent* / Listed/Not Listed on Chain-of-Custody — N/A
8. Sample Condition — (Intact)/Broken*/ Leaking
9. Does Information on custody rec., CLSIS, & sample tags agree — COC and labels agree — (Yes)/No*
10. Date received at Lab: 2/26/09
11. Time Received: 13:05
12. Do aqueous VOC vials have headspace? — Yes/No* N/A
13. Are preserved voc soil samples fully immersed in preservative? — Yes/No* N/A

NYSDEC SAMPLE #	CORRESPONDING SAMPLE TAG #	CORRESPONDING ASSIGNED LAB #	REMARKS: CONDITION OF SAMPLE SHIPMENT, ETC.
N/A		JA12930	-1
N/A			
N/A			
N/A		

Accutest Laboratories Sample Receipt Summary

Accutest Job Number: JA12930 **Client:** **Immediate Client Services Action Required:** No

Date / Time Received: 2/26/2009 **Delivery Method:** **Client Service Action Required at Login:** No

Project: **No. Coolers:** 0 **Airbill #'s:**

Cooler Security	Y	or	N		Y	or	N
1. Custody Seals Present:	☑		☐	3. COC Present:	☑		☐
2. Custody Seals Intact:	☑		☐	4. Smpl Dates/Time OK	☑		☐

Cooler Temperature	Y	or	N
1. Temp criteria achieved:	☑		☐
2. Cooler temp verification:	Infared gun		
3. Cooler media:	Ice (bag)		

Quality Control Preservatio	Y	or	N
1. Trip Blank present / cooler:	☐		☐
2. Trip Blank listed on COC:	☐		☐
3. Samples preserved properly:	☑		☐
4. VOCs headspace free:	☐		☐

Sample Integrity - Documentation	Y	or	N
1. Sample labels present on bottles:	☑		☐
2. Container labeling complete:	☑		☐
3. Sample container label / COC agree:	☑		☐

Sample Integrity - Condition	Y	or	N
1. Sample recvd within HT:	☑		☐
2. All containers accounted for:	☑		☐
3. Condition of sample:	Intact		

Sample Integrity - Instructions	Y	or	N
1. Analysis requested is clear:	☑		☐
2. Bottles received for unspecified tests	☐		☑
3. Sufficient volume recvd for analysis:	☑		☐
4. Compositing instructions clear:	☐		☐
5. Filtering instructions clear:	☐		☐

Comments

Accutest Laboratories
V:732.329.0200

2235 US Highway 130
F: 732.329.3499

Dayton, New Jersey
www/accutest.com

JA12930: Chain of Custody
Page 3 of 3

Summa Canister and Flow Controller Log

Job Number: JA12930
Account: CARICH C. A. Rich Consultants
Project: Via Verde, 700-730 Brook Avenue, Bronx, NY
Received: 02/26/09

SUMMA CANISTERS

Shipping							Receiving						
Summa ID	L	Vac " Hg	Date Out	By	SCC Batch	SCC FileID	Sample Number	Date In	By	Vac " Hg	Pres psig	Final psig	Dil Fact
A231	6	29.4	02/18/09	WMC	CP3254	2W22114.D	JA12930-1	02/26/09	WMC	8.5		1.3	1.53

FLOW CONTROLLERS

Shipping					Receiving		
Flow Crtl ID	Date Out	By	cc/ min	Time hrs.	Date In	By	cc/ min
FC159	02/18/09	WMC	40.2	2	02/26/09	WMC	40.8

Accutest Bottle Order(s):
TE-2/13/2009-3

Prep Date	Room Temp(F)	Bar Pres "Hg
02/18/09	66.2	29.8

New Jersey ACCUTEST Laboratories

IT'S ALL IN THE CHEMISTRY

02/27/09



Technical Report for

C. A. Rich Consultants

Via Verde, 700-730 Brook Avenue, Bronx, NY

Accutest Job Number: JA11802

Sampling Dates: 02/06/09 - 02/09/09

Report to:

C. A. Rich Consultants

dshapiro@carichinc.com

ATTN: Deborah Shapiro

Total number of pages in report: **78**

ACCUTEST LABORATORIES 50 YEARS 1956-2006

ACCREDITED IN ACCORDANCE WITH nelac

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

David N. Speis
VP Ops, Laboratory Director

Client Service contact: Tony Esposito 732-329-0200

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

This report shall not be reproduced, except in its entirety, without the written approval of Accutest Laboratories. Test results relate only to samples analyzed.

Sections: 1 2 3 4

Table of Contents

Section 1: Sample Summary **3**
Section 2: Case Narrative/Conformance Summary **4**
Section 3: Sample Results **8**
3.1: JA11802-1: MW-5 (0-2 IN) 9
3.2: JA11802-2: MW-5 (5 FT) 17
3.3: JA11802-3: SB-1 (1 FT) 25
3.4: JA11802-4: SB-1 (2-4 FT) 33
3.5: JA11802-5: MW-4 (1 FT) 41
3.6: JA11802-6: MW-4 (4 FT) 49
3.7: JA11802-7: MW-X (4 FT) 57
3.8: JA11802-8: MW-1 (1-2 FT) 65
3.9: JA11802-9: MW-1 (13 FT) 66
3.10: JA11802-10: FB 2/9 67
Section 4: Misc. Forms **75**
4.1: Chain of Custody 76

Sample Summary

C. A. Rich Consultants

Job No: JA11802

Via Verde, 700-730 Brook Avenue, Bronx, NY

Sample Number	Collected Date	Time	By	Received	Matrix Code	Type	Client Sample ID
JA11802-1	02/06/09	09:15	VW	02/10/09	SO	Soil	MW-5 (0-2 IN)
JA11802-1D	02/06/09	09:15	VW	02/10/09	SO	Soil Dup/MSD	MW-5 (0-2 IN)
JA11802-1S	02/06/09	09:15	VW	02/10/09	SO	Soil Matrix Spike	MW-5 (0-2 IN)
JA11802-2	02/06/09	09:30	VW	02/10/09	SO	Soil	MW-5 (5 FT)
JA11802-3	02/06/09	09:20	VW	02/10/09	SO	Soil	SB-1 (1 FT)
JA11802-4	02/06/09	09:40	VW	02/10/09	SO	Soil	SB-1 (2-4 FT)
JA11802-5	02/06/09	13:35	VW	02/10/09	SO	Soil	MW-4 (1 FT)
JA11802-6	02/06/09	13:45	VW	02/10/09	SO	Soil	MW-4 (4 FT)
JA11802-7	02/06/09	13:45	VW	02/10/09	SO	Soil	MW-X (4 FT)
JA11802-8	02/09/09	12:55	VW	02/10/09	SO	Soil	MW-1 (1-2 FT)
JA11802-9	02/09/09	13:30	VW	02/10/09	SO	Soil	MW-1 (13 FT)
JA11802-10	02/09/09	13:35	VW	02/10/09	AQ	Field Blank Soil	FB 2/9

Soil samples reported on a dry weight basis unless otherwise indicated on result page.

CASE NARRATIVE / CONFORMANCE SUMMARY

Client: C. A. Rich Consultants **Job No** JA11802

Site: Via Verde, 700-730 Brook Avenue, Bronx, NY **Report Date** 2/26/2009 3:30:57 PM

On 02/10/2009, 9 Sample(s), 0 Trip Blank(s) and 1 Field Blank(s) were received at Accutest Laboratories at a temperature of 3.6 C. Samples were intact and properly preserved, unless noted below. An Accutest Job Number of JA11802 was assigned to the project. Laboratory sample ID, client sample ID and dates of sample collection are detailed in the report's Results Summary Section.

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

Volatiles by GCMS By Method SW846 8260B

Matrix: AQ **Batch ID:** V3B1993

- All samples were analyzed within the recommended method holding time.
- All method blanks for this batch meet method specific criteria.
- Sample(s) JA12450-1MS, JA12450-1MSD were used as the QC samples indicated.
- JA12450-1MS for Dibromofluoromethane: Outside in house control limits.
- JA12450-1MSD for Dibromofluoromethane: Outside in house control limits.

Matrix: SO **Batch ID:** VG5659

- All samples were analyzed within the recommended method holding time.
- Sample(s) JA12475-2MS, JA12475-2MSD were used as the QC samples indicated.
- All method blanks for this batch meet method specific criteria.
- RPD(s) for MSD for o-Chlorotoluene, 1,2,4-Trichlorobenzene, Acetone, Hexachlorobutadiene are outside control limits for sample JA12475-2MSD. Outside control limits due to matrix interference.

Matrix: SO **Batch ID:** VY3539

- All samples were analyzed within the recommended method holding time.
- Sample(s) JA11802-1MS, JA11802-1MSD were used as the QC samples indicated.
- All method blanks for this batch meet method specific criteria.
- Blank Spike Recovery(s) for Isopropylbenzene are outside control limits. High percent recoveries and no associated positive found in the QC batch.
- RPD(s) for MSD for Acetone are outside control limits for sample JA11802-1MSD. Outside control limits due to matrix interference.

Extractables by GCMS By Method SW846 8270C

Matrix: AQ **Batch ID:** OP36854

- All samples were extracted within the recommended method holding time.
- All samples were analyzed within the recommended method holding time.
- Sample(s) JA11720-1MS, JA11720-1MSD were used as the QC samples indicated.
- All method blanks for this batch meet method specific criteria.
- Matrix Spike Recovery(s) for 3,3'-Dichlorobenzidine are outside control limits. Outside control limits due to matrix interference.
- Matrix Spike Duplicate Recovery(s) for 3,3'-Dichlorobenzidine are outside control limits. Outside control limits due to matrix interference.

Matrix: SO **Batch ID:** OP36857

- All samples were extracted within the recommended method holding time.
- All samples were analyzed within the recommended method holding time.
- Sample(s) JA11802-1MS, JA11802-1MSD were used as the QC samples indicated.
- All method blanks for this batch meet method specific criteria.

Extractables by GC By Method SW846 8081A

Matrix: AQ **Batch ID:** OP36843

- All samples were extracted within the recommended method holding time.
- All samples were analyzed within the recommended method holding time.
- All method blanks for this batch meet method specific criteria.
- Sample(s) JA11691-1MS, JA11691-1MSD were used as the QC samples indicated.

Matrix: SO **Batch ID:** OP36858

- All samples were extracted within the recommended method holding time.
- All samples were analyzed within the recommended method holding time.
- All method blanks for this batch meet method specific criteria.
- Sample(s) JA11802-1MS, JA11802-1MSD were used as the QC samples indicated.
- RPD(s) for MSD for Endrin aldehyde are outside control limits for sample OP36858-MSD. High RPD due to possible sample nonhomogenity.
- JA11802-7 for Decachlorobiphenyl: Outside control limits possible due to matrix interference.
- JA11802-6 for Decachlorobiphenyl: Outside control limits possible due to matrix interference.
- JA11802-5 for Decachlorobiphenyl: Outside control limits possible due to matrix interference.

Matrix: SO **Batch ID:** OP36890

- All samples were extracted within the recommended method holding time.
- All samples were analyzed within the recommended method holding time.
- Sample(s) JA11945-4MS, JA11945-4MSD were used as the QC samples indicated.
- All method blanks for this batch meet method specific criteria.
- Matrix Spike Recovery(s) for Methoxychlor are outside control limits. Outside control limits due to matrix interference.
- Matrix Spike Recovery(s) for Endrin, alpha-Chlordane, gamma-Chlordane are outside control limits. Outside control limits due to high level in sample relative to spike amount.
- RPD(s) for MSD for Endrin aldehyde, Endrin ketone are outside control limits for sample OP36890-MSD. Analytical precision exceeds standard laboratory control limits.
- OP36890-BS1 for Heptachlor: Reported from 2nd signal. %D of check calibration on 1st signal exceed method criteria (15%) so using for confirmation only.
- OP36890-BS1 for Endosulfan sulfate: Reported from 2nd signal. %D of end check calibration on 1st signal exceed method criteria (15%) so using for confirmation only.

Extractables by GC By Method SW846 8082

Matrix: AQ **Batch ID:** OP36844

- All samples were extracted within the recommended method holding time.
- All samples were analyzed within the recommended method holding time.
- All method blanks for this batch meet method specific criteria.
- Sample(s) JA11691-1MS, JA11691-1MSD, OP36844-MSMSD were used as the QC samples indicated.

Matrix: SO **Batch ID:** OP36859

- All samples were extracted within the recommended method holding time.
- All samples were analyzed within the recommended method holding time.
- Sample(s) JA11802-1MS, JA11802-1MSD, OP36859-MSMSD were used as the QC samples indicated.
- All method blanks for this batch meet method specific criteria.

Matrix: SO **Batch ID:** OP36889

- All samples were extracted within the recommended method holding time.
- All samples were analyzed within the recommended method holding time.
- All method blanks for this batch meet method specific criteria.
- Sample(s) JA11940-2MS, JA11940-2MSD, OP36889-MSMSD were used as the QC samples indicated.

Metals By Method SW846 6010B

Matrix: AQ **Batch ID:** MP47193

- All samples were digested within the recommended method holding time.
- All samples were analyzed within the recommended method holding time.
- All method blanks for this batch meet method specific criteria.
- Sample(s) JA11901-3MS, JA11901-3MSD, JA11901-3SDL were used as the QC samples for metals.
- RPD(s) for Serial Dilution for Chromium, Cobalt, Copper, Lead, Nickel, Selenium, Thallium are outside control limits for sample MP47193-SD1. Percent difference acceptable due to low initial sample concentration (< 50 times IDL).
- RPD(s) for Serial Dilution for Zinc are outside control limits for sample MP47193-SD1. Serial dilution indicates possible matrix interference.

Matrix: SO **Batch ID:** MP47199

- All samples were digested within the recommended method holding time.
- All samples were analyzed within the recommended method holding time.
- All method blanks for this batch meet method specific criteria.
- Sample(s) JA11802-1MS, JA11802-1MSD, JA11802-1SDL were used as the QC samples for metals.
- Matrix Spike Recovery(s) for Antimony, Calcium, Iron, Magnesium, Manganese are outside control limits. Spike recovery indicates possible matrix interference and/or sample nonhomogeneity.
- Matrix Spike Duplicate Recovery(s) for Antimony, Magnesium are outside control limits. Probable cause due to matrix interference.
- RPD(s) for MSD for Calcium are outside control limits for sample MP47199-S2. High rpd due to possible sample nonhomogeneity.
- RPD(s) for Serial Dilution for Thallium, Antimony, Arsenic, Beryllium, Selenium, Sodium, Zinc are outside control limits for sample MP47199-SD1. Percent difference acceptable due to low initial sample concentration (< 50 times IDL).
- RPD(s) for Serial Dilution for Barium, Calcium, Chromium, Iron, Lead, Manganese, Potassium, Vanadium are outside control limits for sample MP47199-SD1. Serial dilution indicates possible matrix interference.

Metals By Method SW846 7470A

Matrix: AQ	Batch ID: MP47276

- All samples were digested within the recommended method holding time.
- All samples were analyzed within the recommended method holding time.
- All method blanks for this batch meet method specific criteria.
- Sample(s) JA11642-1MS, JA11642-1MSD were used as the QC samples for metals.

Metals By Method SW846 7471A

Matrix: SO	Batch ID: MP47289

- All samples were digested within the recommended method holding time.
- All samples were analyzed within the recommended method holding time.
- All method blanks for this batch meet method specific criteria.
- Sample(s) JA11802-1MS, JA11802-1MSD were used as the QC samples for metals.

Wet Chemistry By Method SM18 2540G

Matrix: SO	Batch ID: GN23702

- The data for SM18 2540G meets quality control requirements.

Matrix: SO	Batch ID: GN23704

- The data for SM18 2540G meets quality control requirements.

Matrix: SO	Batch ID: GN23709

- The data for SM18 2540G meets quality control requirements.

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

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

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

Sample Results

Report of Analysis

Report of Analysis

Client Sample ID:	MW-5 (0-2 IN)		
Lab Sample ID:	JA11802-1	**Date Sampled:**	02/06/09
Matrix:	SO - Soil	**Date Received:**	02/10/09
Method:	SW846 8260B	**Percent Solids:**	87.2
Project:	Via Verde, 700-730 Brook Avenue, Bronx, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	Y85125.D	1	02/20/09	HJK	n/a	n/a	VY3539
Run #2							

	Initial Weight
Run #1	4.5 g
Run #2	

VOA 8260 List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	ND	13	2.7	ug/kg	
71-43-2	Benzene	ND	1.3	0.45	ug/kg	
108-86-1	Bromobenzene	ND	6.4	0.44	ug/kg	
74-97-5	Bromochloromethane	ND	6.4	0.34	ug/kg	
75-27-4	Bromodichloromethane	ND	6.4	0.33	ug/kg	
75-25-2	Bromoform	ND	6.4	0.43	ug/kg	
74-83-9	Bromomethane	ND	6.4	1.1	ug/kg	
78-93-3	2-Butanone (MEK)	ND	13	2.8	ug/kg	
104-51-8	n-Butylbenzene	ND	6.4	2.2	ug/kg	
135-98-8	sec-Butylbenzene	ND	6.4	0.62	ug/kg	
98-06-6	tert-Butylbenzene	ND	6.4	0.36	ug/kg	
56-23-5	Carbon tetrachloride	ND	6.4	1.2	ug/kg	
108-90-7	Chlorobenzene	ND	6.4	0.38	ug/kg	
75-00-3	Chloroethane	ND	6.4	0.87	ug/kg	
67-66-3	Chloroform	ND	6.4	0.59	ug/kg	
74-87-3	Chloromethane	ND	6.4	0.90	ug/kg	
95-49-8	o-Chlorotoluene	ND	6.4	0.37	ug/kg	
106-43-4	p-Chlorotoluene	ND	6.4	0.46	ug/kg	
96-12-8	1,2-Dibromo-3-chloropropane	ND	13	1.9	ug/kg	
124-48-1	Dibromochloromethane	ND	6.4	0.34	ug/kg	
106-93-4	1,2-Dibromoethane	ND	1.3	0.51	ug/kg	
95-50-1	1,2-Dichlorobenzene	ND	6.4	0.47	ug/kg	
541-73-1	1,3-Dichlorobenzene	ND	6.4	0.39	ug/kg	
106-46-7	1,4-Dichlorobenzene	ND	6.4	0.40	ug/kg	
75-71-8	Dichlorodifluoromethane	ND	6.4	2.0	ug/kg	
75-34-3	1,1-Dichloroethane	ND	6.4	0.50	ug/kg	
107-06-2	1,2-Dichloroethane	ND	1.3	0.55	ug/kg	
75-35-4	1,1-Dichloroethene	ND	6.4	0.67	ug/kg	
156-59-2	cis-1,2-Dichloroethene	ND	6.4	0.46	ug/kg	
156-60-5	trans-1,2-Dichloroethene	ND	6.4	0.41	ug/kg	
78-87-5	1,2-Dichloropropane	ND	6.4	0.50	ug/kg	
142-28-9	1,3-Dichloropropane	ND	6.4	0.35	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:	MW-5 (0-2 IN)		
Lab Sample ID:	JA11802-1	**Date Sampled:**	02/06/09
Matrix:	SO - Soil	**Date Received:**	02/10/09
Method:	SW846 8260B	**Percent Solids:**	87.2
Project:	Via Verde, 700-730 Brook Avenue, Bronx, NY		

VOA 8260 List

CAS No.	Compound	Result	RL	MDL	Units	Q
594-20-7	2,2-Dichloropropane	ND	6.4	0.47	ug/kg	
563-58-6	1,1-Dichloropropene	ND	6.4	0.43	ug/kg	
10061-01-5	cis-1,3-Dichloropropene	ND	6.4	0.31	ug/kg	
10061-02-6	trans-1,3-Dichloropropene	ND	6.4	0.32	ug/kg	
100-41-4	Ethylbenzene	0.77	1.3	0.52	ug/kg	J
87-68-3	Hexachlorobutadiene	ND	6.4	0.75	ug/kg	
98-82-8	Isopropylbenzene	ND	6.4	0.57	ug/kg	
99-87-6	p-Isopropyltoluene	ND	6.4	0.64	ug/kg	
1634-04-4	Methyl Tert Butyl Ether	ND	1.3	0.45	ug/kg	
108-10-1	4-Methyl-2-pentanone(MIBK)	ND	6.4	3.0	ug/kg	
74-95-3	Methylene bromide	ND	6.4	0.46	ug/kg	
75-09-2	Methylene chloride	ND	6.4	0.37	ug/kg	
91-20-3	Naphthalene	ND	6.4	0.61	ug/kg	
103-65-1	n-Propylbenzene	ND	6.4	0.61	ug/kg	
100-42-5	Styrene	ND	6.4	0.37	ug/kg	
630-20-6	1,1,1,2-Tetrachloroethane	ND	6.4	0.67	ug/kg	
79-34-5	1,1,2,2-Tetrachloroethane	ND	6.4	0.32	ug/kg	
127-18-4	Tetrachloroethene	ND	6.4	0.59	ug/kg	
108-88-3	Toluene	9.7	1.3	0.42	ug/kg	
87-61-6	1,2,3-Trichlorobenzene	ND	6.4	0.62	ug/kg	
120-82-1	1,2,4-Trichlorobenzene	ND	6.4	0.54	ug/kg	
71-55-6	1,1,1-Trichloroethane	ND	6.4	0.67	ug/kg	
79-00-5	1,1,2-Trichloroethane	ND	6.4	0.32	ug/kg	
79-01-6	Trichloroethene	ND	6.4	0.37	ug/kg	
75-69-4	Trichlorofluoromethane	ND	6.4	1.9	ug/kg	
96-18-4	1,2,3-Trichloropropane	ND	6.4	2.8	ug/kg	
95-63-6	1,2,4-Trimethylbenzene	ND	6.4	0.31	ug/kg	
108-67-8	1,3,5-Trimethylbenzene	ND	6.4	0.44	ug/kg	
75-01-4	Vinyl chloride	ND	6.4	0.81	ug/kg	
	m,p-Xylene	1.9	2.5	0.38	ug/kg	J
95-47-6	o-Xylene	ND	1.3	0.38	ug/kg	
1330-20-7	Xylene (total)	2.2	2.5	0.38	ug/kg	J

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	103%		67-125%
17060-07-0	1,2-Dichloroethane-D4	115%		64-131%
2037-26-5	Toluene-D8	91%		73-124%
460-00-4	4-Bromofluorobenzene	96%		61-136%

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:	MW-5 (0-2 IN)		
Lab Sample ID:	JA11802-1	**Date Sampled:**	02/06/09
Matrix:	SO - Soil	**Date Received:**	02/10/09
Method:	SW846 8270C SW846 3550B	**Percent Solids:**	87.2
Project:	Via Verde, 700-730 Brook Avenue, Bronx, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	M62905.D	1	02/11/09	KLS	02/11/09	OP36857	EM2264
Run #2							

	Initial Weight	Final Volume
Run #1	30.0 g	1.0 ml
Run #2		

ABN TCL List (CLP4.2 list)

CAS No.	Compound	Result	RL	MDL	Units	Q
95-57-8	2-Chlorophenol	ND	190	32	ug/kg	
59-50-7	4-Chloro-3-methyl phenol	ND	190	46	ug/kg	
120-83-2	2,4-Dichlorophenol	ND	190	40	ug/kg	
105-67-9	2,4-Dimethylphenol	ND	190	47	ug/kg	
51-28-5	2,4-Dinitrophenol	ND	760	410	ug/kg	
534-52-1	4,6-Dinitro-o-cresol	ND	760	41	ug/kg	
95-48-7	2-Methylphenol	ND	76	41	ug/kg	
	3&4-Methylphenol	ND	76	51	ug/kg	
88-75-5	2-Nitrophenol	ND	190	40	ug/kg	
100-02-7	4-Nitrophenol	ND	380	49	ug/kg	
87-86-5	Pentachlorophenol	ND	380	49	ug/kg	
108-95-2	Phenol	ND	76	29	ug/kg	
95-95-4	2,4,5-Trichlorophenol	ND	190	41	ug/kg	
88-06-2	2,4,6-Trichlorophenol	ND	190	51	ug/kg	
83-32-9	Acenaphthene	26.5	38	20	ug/kg	J
208-96-8	Acenaphthylene	31.0	38	16	ug/kg	J
98-86-2	Acetophenone	ND	190	19	ug/kg	
120-12-7	Anthracene	44.9	38	17	ug/kg	
1912-24-9	Atrazine	ND	190	24	ug/kg	
56-55-3	Benzo(a)anthracene	94.4	38	23	ug/kg	
50-32-8	Benzo(a)pyrene	107	38	16	ug/kg	
205-99-2	Benzo(b)fluoranthene	151	38	21	ug/kg	
191-24-2	Benzo(g,h,i)perylene	106	38	19	ug/kg	
207-08-9	Benzo(k)fluoranthene	81.5	38	19	ug/kg	
101-55-3	4-Bromophenyl phenyl ether	ND	76	21	ug/kg	
85-68-7	Butyl benzyl phthalate	ND	76	19	ug/kg	
92-52-4	1,1'-Biphenyl	ND	76	19	ug/kg	
100-52-7	Benzaldehyde	ND	190	110	ug/kg	
91-58-7	2-Chloronaphthalene	ND	76	17	ug/kg	
106-47-8	4-Chloroaniline	ND	190	16	ug/kg	
86-74-8	Carbazole	ND	76	16	ug/kg	
105-60-2	Caprolactam	ND	76	31	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:	MW-5 (0-2 IN)		
Lab Sample ID:	JA11802-1	**Date Sampled:**	02/06/09
Matrix:	SO - Soil	**Date Received:**	02/10/09
Method:	SW846 8270C SW846 3550B	**Percent Solids:**	87.2
Project:	Via Verde, 700-730 Brook Avenue, Bronx, NY		

ABN TCL List (CLP4.2 list)

CAS No.	Compound	Result	RL	MDL	Units	Q
218-01-9	Chrysene	109	38	18	ug/kg	
111-91-1	bis(2-Chloroethoxy)methane	ND	76	19	ug/kg	
111-44-4	bis(2-Chloroethyl)ether	ND	76	18	ug/kg	
108-60-1	bis(2-Chloroisopropyl)ether	ND	76	20	ug/kg	
7005-72-3	4-Chlorophenyl phenyl ether	ND	76	25	ug/kg	
121-14-2	2,4-Dinitrotoluene	ND	76	21	ug/kg	
606-20-2	2,6-Dinitrotoluene	ND	76	17	ug/kg	
91-94-1	3,3'-Dichlorobenzidine	ND	190	66	ug/kg	
53-70-3	Dibenzo(a,h)anthracene	32.9	38	18	ug/kg	J
132-64-9	Dibenzofuran	ND	76	18	ug/kg	
84-74-2	Di-n-butyl phthalate	ND	76	24	ug/kg	
117-84-0	Di-n-octyl phthalate	ND	76	17	ug/kg	
84-66-2	Diethyl phthalate	ND	76	17	ug/kg	
131-11-3	Dimethyl phthalate	ND	76	18	ug/kg	
117-81-7	bis(2-Ethylhexyl)phthalate	ND	76	20	ug/kg	
206-44-0	Fluoranthene	120	38	17	ug/kg	
86-73-7	Fluorene	ND	38	18	ug/kg	
118-74-1	Hexachlorobenzene	ND	76	22	ug/kg	
87-68-3	Hexachlorobutadiene	ND	38	18	ug/kg	
77-47-4	Hexachlorocyclopentadiene	ND	760	36	ug/kg	
67-72-1	Hexachloroethane	ND	190	25	ug/kg	
193-39-5	Indeno(1,2,3-cd)pyrene	95.4	38	14	ug/kg	
78-59-1	Isophorone	ND	76	34	ug/kg	
91-57-6	2-Methylnaphthalene	71.2	76	17	ug/kg	J
88-74-4	2-Nitroaniline	ND	190	28	ug/kg	
99-09-2	3-Nitroaniline	ND	190	15	ug/kg	
100-01-6	4-Nitroaniline	ND	190	24	ug/kg	
91-20-3	Naphthalene	33.8	38	17	ug/kg	J
98-95-3	Nitrobenzene	ND	76	17	ug/kg	
621-64-7	N-Nitroso-di-n-propylamine	ND	76	24	ug/kg	
86-30-6	N-Nitrosodiphenylamine	ND	190	26	ug/kg	
85-01-8	Phenanthrene	122	38	19	ug/kg	
129-00-0	Pyrene	153	38	17	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
367-12-4	2-Fluorophenol	70%		29-114%
4165-62-2	Phenol-d5	71%		31-111%
118-79-6	2,4,6-Tribromophenol	69%		27-133%
4165-60-0	Nitrobenzene-d5	90%		36-116%

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:	MW-5 (0-2 IN)		
Lab Sample ID:	JA11802-1	**Date Sampled:**	02/06/09
Matrix:	SO - Soil	**Date Received:**	02/10/09
Method:	SW846 8270C SW846 3550B	**Percent Solids:**	87.2
Project:	Via Verde, 700-730 Brook Avenue, Bronx, NY		

ABN TCL List (CLP4.2 list)

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
321-60-8	2-Fluorobiphenyl	93%		44-111%
1718-51-0	Terphenyl-d14	86%		37-131%

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: MW-5 (0-2 IN)
Lab Sample ID: JA11802-1 **Date Sampled:** 02/06/09
Matrix: SO - Soil **Date Received:** 02/10/09
Method: SW846 8081A SW846 3545 **Percent Solids:** 87.2
Project: Via Verde, 700-730 Brook Avenue, Bronx, NY

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	OA51619.D	1	02/14/09	TDR	02/11/09	OP36858	GOA1860
Run #2							

	Initial Weight	Final Volume
Run #1	15.0 g	10.0 ml
Run #2		

Pesticide TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
309-00-2	Aldrin	ND	1.5	0.31	ug/kg	
319-84-6	alpha-BHC	ND	1.5	0.28	ug/kg	
319-85-7	beta-BHC	ND	1.5	0.51	ug/kg	
319-86-8	delta-BHC	ND	1.5	0.28	ug/kg	
58-89-9	gamma-BHC (Lindane)	ND	1.5	0.38	ug/kg	
5103-71-9	alpha-Chlordane	ND	1.5	0.47	ug/kg	
5103-74-2	gamma-Chlordane	ND	1.5	0.34	ug/kg	
60-57-1	Dieldrin	ND	1.5	0.30	ug/kg	
72-54-8	4,4'-DDD	ND	1.5	0.25	ug/kg	
72-55-9	4,4'-DDE	ND	1.5	0.38	ug/kg	
50-29-3	4,4'-DDT	ND	1.5	0.35	ug/kg	
72-20-8	Endrin	ND	1.5	0.33	ug/kg	
1031-07-8	Endosulfan sulfate	ND	1.5	0.33	ug/kg	
7421-93-4	Endrin aldehyde	ND	1.5	0.36	ug/kg	
959-98-8	Endosulfan-I	ND	1.5	0.31	ug/kg	
33213-65-9	Endosulfan-II	ND	1.5	0.51	ug/kg	
76-44-8	Heptachlor	ND	1.5	0.41	ug/kg	
1024-57-3	Heptachlor epoxide	ND	1.5	0.31	ug/kg	
72-43-5	Methoxychlor	ND	1.5	0.41	ug/kg	
53494-70-5	Endrin ketone	ND	1.5	0.30	ug/kg	
8001-35-2	Toxaphene	ND	19	14	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
877-09-8	Tetrachloro-m-xylene	81%		34-132%
877-09-8	Tetrachloro-m-xylene	69%		34-132%
2051-24-3	Decachlorobiphenyl	87%		25-146%
2051-24-3	Decachlorobiphenyl	99%		25-146%

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:	MW-5 (0-2 IN)		
Lab Sample ID:	JA11802-1	**Date Sampled:**	02/06/09
Matrix:	SO - Soil	**Date Received:**	02/10/09
Method:	SW846 8082 SW846 3545	**Percent Solids:**	87.2
Project:	Via Verde, 700-730 Brook Avenue, Bronx, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	EF80717.D	1	02/12/09	VDT	02/11/09	OP36859	GEF3655
Run #2							

	Initial Weight	Final Volume
Run #1	15.0 g	10.0 ml
Run #2		

PCB List

CAS No.	Compound	Result	RL	MDL	Units	Q
12674-11-2	Aroclor 1016	ND	38	7.1	ug/kg	
11104-28-2	Aroclor 1221	ND	38	22	ug/kg	
11141-16-5	Aroclor 1232	ND	38	11	ug/kg	
53469-21-9	Aroclor 1242	ND	38	21	ug/kg	
12672-29-6	Aroclor 1248	ND	38	12	ug/kg	
11097-69-1	Aroclor 1254	ND	38	7.7	ug/kg	
11096-82-5	Aroclor 1260	ND	38	7.0	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
877-09-8	Tetrachloro-m-xylene	88%		33-141%
877-09-8	Tetrachloro-m-xylene	94%		33-141%
2051-24-3	Decachlorobiphenyl	107%		32-154%
2051-24-3	Decachlorobiphenyl	112%		32-154%

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: MW-5 (0-2 IN)
Lab Sample ID: JA11802-1
Matrix: SO - Soil
Project: Via Verde, 700-730 Brook Avenue, Bronx, NY

Date Sampled: 02/06/09
Date Received: 02/10/09
Percent Solids: 87.2

Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Aluminum	10200	23	mg/kg	1	02/13/09	02/13/09	ND	SW846 6010B [1]	SW846 3050B [4]
Antimony	< 2.3	2.3	mg/kg	1	02/13/09	02/13/09	ND	SW846 6010B [1]	SW846 3050B [4]
Arsenic	2.4	2.3	mg/kg	1	02/13/09	02/13/09	ND	SW846 6010B [1]	SW846 3050B [4]
Barium	70.8	23	mg/kg	1	02/13/09	02/13/09	ND	SW846 6010B [1]	SW846 3050B [4]
Beryllium	< 0.58	0.58	mg/kg	1	02/13/09	02/13/09	ND	SW846 6010B [1]	SW846 3050B [4]
Cadmium	< 0.58	0.58	mg/kg	1	02/13/09	02/13/09	ND	SW846 6010B [1]	SW846 3050B [4]
Calcium	5660	580	mg/kg	1	02/13/09	02/13/09	ND	SW846 6010B [1]	SW846 3050B [4]
Chromium	23.9	1.2	mg/kg	1	02/13/09	02/13/09	ND	SW846 6010B [1]	SW846 3050B [4]
Cobalt	8.5	5.8	mg/kg	1	02/13/09	02/13/09	ND	SW846 6010B [1]	SW846 3050B [4]
Copper	20.3	2.9	mg/kg	1	02/13/09	02/13/09	ND	SW846 6010B [1]	SW846 3050B [4]
Iron	20900	48	mg/kg	1	02/13/09	02/13/09	ND	SW846 6010B [1]	SW846 3050B [4]
Lead	19.9	2.3	mg/kg	1	02/13/09	02/13/09	ND	SW846 6010B [1]	SW846 3050B [4]
Magnesium	5350	580	mg/kg	1	02/13/09	02/13/09	ND	SW846 6010B [1]	SW846 3050B [4]
Manganese	235	1.7	mg/kg	1	02/13/09	02/13/09	ND	SW846 6010B [1]	SW846 3050B [4]
Mercury	0.058	0.036	mg/kg	1	02/20/09	02/20/09	JW	SW846 7471A [3]	SW846 7471A [5]
Nickel	13.5	4.6	mg/kg	1	02/13/09	02/13/09	ND	SW846 6010B [1]	SW846 3050B [4]
Potassium	1490	1200	mg/kg	1	02/13/09	02/13/09	ND	SW846 6010B [1]	SW846 3050B [4]
Selenium	< 2.3	2.3	mg/kg	1	02/13/09	02/13/09	ND	SW846 6010B [1]	SW846 3050B [4]
Silver	< 1.2	1.2	mg/kg	1	02/13/09	02/13/09	ND	SW846 6010B [1]	SW846 3050B [4]
Sodium	< 1200	1200	mg/kg	1	02/13/09	02/13/09	ND	SW846 6010B [1]	SW846 3050B [4]
Thallium	< 1.2	1.2	mg/kg	1	02/13/09	02/17/09	GT	SW846 6010B [2]	SW846 3050B [4]
Vanadium	28.1	5.8	mg/kg	1	02/13/09	02/13/09	ND	SW846 6010B [1]	SW846 3050B [4]
Zinc	43.3	2.3	mg/kg	1	02/13/09	02/13/09	ND	SW846 6010B [1]	SW846 3050B [4]

(1) Instrument QC Batch: MA22149
(2) Instrument QC Batch: MA22155
(3) Instrument QC Batch: MA22176
(4) Prep QC Batch: MP47199
(5) Prep QC Batch: MP47289

RL = Reporting Limit

Report of Analysis

Client Sample ID:	MW-5 (5 FT)		
Lab Sample ID:	JA11802-2	**Date Sampled:**	02/06/09
Matrix:	SO - Soil	**Date Received:**	02/10/09
Method:	SW846 8260B	**Percent Solids:**	89.7
Project:	Via Verde, 700-730 Brook Avenue, Bronx, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	Y85126.D	1	02/20/09	HJK	n/a	n/a	VY3539
Run #2							

	Initial Weight
Run #1	4.5 g
Run #2	

VOA 8260 List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	ND	12	2.7	ug/kg	
71-43-2	Benzene	ND	1.2	0.44	ug/kg	
108-86-1	Bromobenzene	ND	6.2	0.42	ug/kg	
74-97-5	Bromochloromethane	ND	6.2	0.33	ug/kg	
75-27-4	Bromodichloromethane	ND	6.2	0.32	ug/kg	
75-25-2	Bromoform	ND	6.2	0.41	ug/kg	
74-83-9	Bromomethane	ND	6.2	1.1	ug/kg	
78-93-3	2-Butanone (MEK)	ND	12	2.7	ug/kg	
104-51-8	n-Butylbenzene	ND	6.2	2.2	ug/kg	
135-98-8	sec-Butylbenzene	ND	6.2	0.60	ug/kg	
98-06-6	tert-Butylbenzene	ND	6.2	0.35	ug/kg	
56-23-5	Carbon tetrachloride	ND	6.2	1.2	ug/kg	
108-90-7	Chlorobenzene	ND	6.2	0.37	ug/kg	
75-00-3	Chloroethane	ND	6.2	0.84	ug/kg	
67-66-3	Chloroform	ND	6.2	0.57	ug/kg	
74-87-3	Chloromethane	ND	6.2	0.88	ug/kg	
95-49-8	o-Chlorotoluene	ND	6.2	0.36	ug/kg	
106-43-4	p-Chlorotoluene	ND	6.2	0.45	ug/kg	
96-12-8	1,2-Dibromo-3-chloropropane	ND	12	1.9	ug/kg	
124-48-1	Dibromochloromethane	ND	6.2	0.33	ug/kg	
106-93-4	1,2-Dibromoethane	ND	1.2	0.50	ug/kg	
95-50-1	1,2-Dichlorobenzene	ND	6.2	0.46	ug/kg	
541-73-1	1,3-Dichlorobenzene	ND	6.2	0.38	ug/kg	
106-46-7	1,4-Dichlorobenzene	ND	6.2	0.39	ug/kg	
75-71-8	Dichlorodifluoromethane	ND	6.2	2.0	ug/kg	
75-34-3	1,1-Dichloroethane	ND	6.2	0.49	ug/kg	
107-06-2	1,2-Dichloroethane	ND	1.2	0.53	ug/kg	
75-35-4	1,1-Dichloroethene	ND	6.2	0.65	ug/kg	
156-59-2	cis-1,2-Dichloroethene	ND	6.2	0.45	ug/kg	
156-60-5	trans-1,2-Dichloroethene	ND	6.2	0.40	ug/kg	
78-87-5	1,2-Dichloropropane	ND	6.2	0.49	ug/kg	
142-28-9	1,3-Dichloropropane	ND	6.2	0.34	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:	MW-5 (5 FT)		
Lab Sample ID:	JA11802-2	**Date Sampled:**	02/06/09
Matrix:	SO - Soil	**Date Received:**	02/10/09
Method:	SW846 8260B	**Percent Solids:**	89.7
Project:	Via Verde, 700-730 Brook Avenue, Bronx, NY		

VOA 8260 List

CAS No.	Compound	Result	RL	MDL	Units	Q
594-20-7	2,2-Dichloropropane	ND	6.2	0.46	ug/kg	
563-58-6	1,1-Dichloropropene	ND	6.2	0.42	ug/kg	
10061-01-5	cis-1,3-Dichloropropene	ND	6.2	0.30	ug/kg	
10061-02-6	trans-1,3-Dichloropropene	ND	6.2	0.31	ug/kg	
100-41-4	Ethylbenzene	ND	1.2	0.50	ug/kg	
87-68-3	Hexachlorobutadiene	ND	6.2	0.73	ug/kg	
98-82-8	Isopropylbenzene	ND	6.2	0.55	ug/kg	
99-87-6	p-Isopropyltoluene	ND	6.2	0.62	ug/kg	
1634-04-4	Methyl Tert Butyl Ether	ND	1.2	0.44	ug/kg	
108-10-1	4-Methyl-2-pentanone(MIBK)	ND	6.2	3.0	ug/kg	
74-95-3	Methylene bromide	ND	6.2	0.45	ug/kg	
75-09-2	Methylene chloride	ND	6.2	0.36	ug/kg	
91-20-3	Naphthalene	ND	6.2	0.60	ug/kg	
103-65-1	n-Propylbenzene	ND	6.2	0.59	ug/kg	
100-42-5	Styrene	ND	6.2	0.36	ug/kg	
630-20-6	1,1,1,2-Tetrachloroethane	ND	6.2	0.65	ug/kg	
79-34-5	1,1,2,2-Tetrachloroethane	ND	6.2	0.31	ug/kg	
127-18-4	Tetrachloroethene	ND	6.2	0.58	ug/kg	
108-88-3	Toluene	4.3	1.2	0.41	ug/kg	
87-61-6	1,2,3-Trichlorobenzene	ND	6.2	0.60	ug/kg	
120-82-1	1,2,4-Trichlorobenzene	ND	6.2	0.52	ug/kg	
71-55-6	1,1,1-Trichloroethane	ND	6.2	0.65	ug/kg	
79-00-5	1,1,2-Trichloroethane	ND	6.2	0.32	ug/kg	
79-01-6	Trichloroethene	ND	6.2	0.36	ug/kg	
75-69-4	Trichlorofluoromethane	ND	6.2	1.9	ug/kg	
96-18-4	1,2,3-Trichloropropane	ND	6.2	2.7	ug/kg	
95-63-6	1,2,4-Trimethylbenzene	ND	6.2	0.30	ug/kg	
108-67-8	1,3,5-Trimethylbenzene	ND	6.2	0.43	ug/kg	
75-01-4	Vinyl chloride	ND	6.2	0.78	ug/kg	
	m,p-Xylene	1.3	2.5	0.37	ug/kg	J
95-47-6	o-Xylene	ND	1.2	0.37	ug/kg	
1330-20-7	Xylene (total)	1.3	2.5	0.37	ug/kg	J

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	108%		67-125%
17060-07-0	1,2-Dichloroethane-D4	119%		64-131%
2037-26-5	Toluene-D8	91%		73-124%
460-00-4	4-Bromofluorobenzene	95%		61-136%

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:	MW-5 (5 FT)		
Lab Sample ID:	JA11802-2	**Date Sampled:**	02/06/09
Matrix:	SO - Soil	**Date Received:**	02/10/09
Method:	SW846 8270C SW846 3550B	**Percent Solids:**	89.7
Project:	Via Verde, 700-730 Brook Avenue, Bronx, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	M62915.D	1	02/11/09	LP	02/11/09	OP36857	EM2265
Run #2							

	Initial Weight	Final Volume
Run #1	30.1 g	1.0 ml
Run #2		

ABN TCL List (CLP4.2 list)

CAS No.	Compound	Result	RL	MDL	Units	Q
95-57-8	2-Chlorophenol	ND	190	31	ug/kg	
59-50-7	4-Chloro-3-methyl phenol	ND	190	45	ug/kg	
120-83-2	2,4-Dichlorophenol	ND	190	39	ug/kg	
105-67-9	2,4-Dimethylphenol	ND	190	45	ug/kg	
51-28-5	2,4-Dinitrophenol	ND	740	400	ug/kg	
534-52-1	4,6-Dinitro-o-cresol	ND	740	39	ug/kg	
95-48-7	2-Methylphenol	ND	74	40	ug/kg	
	3&4-Methylphenol	ND	74	50	ug/kg	
88-75-5	2-Nitrophenol	ND	190	39	ug/kg	
100-02-7	4-Nitrophenol	ND	370	47	ug/kg	
87-86-5	Pentachlorophenol	ND	370	48	ug/kg	
108-95-2	Phenol	ND	74	28	ug/kg	
95-95-4	2,4,5-Trichlorophenol	ND	190	40	ug/kg	
88-06-2	2,4,6-Trichlorophenol	ND	190	49	ug/kg	
83-32-9	Acenaphthene	ND	37	20	ug/kg	
208-96-8	Acenaphthylene	ND	37	16	ug/kg	
98-86-2	Acetophenone	ND	190	18	ug/kg	
120-12-7	Anthracene	ND	37	17	ug/kg	
1912-24-9	Atrazine	ND	190	23	ug/kg	
56-55-3	Benzo(a)anthracene	ND	37	22	ug/kg	
50-32-8	Benzo(a)pyrene	19.6	37	15	ug/kg	J
205-99-2	Benzo(b)fluoranthene	25.2	37	20	ug/kg	J
191-24-2	Benzo(g,h,i)perylene	23.7	37	18	ug/kg	J
207-08-9	Benzo(k)fluoranthene	19.0	37	19	ug/kg	J
101-55-3	4-Bromophenyl phenyl ether	ND	74	20	ug/kg	
85-68-7	Butyl benzyl phthalate	ND	74	18	ug/kg	
92-52-4	1,1'-Biphenyl	ND	74	19	ug/kg	
100-52-7	Benzaldehyde	ND	190	110	ug/kg	
91-58-7	2-Chloronaphthalene	ND	74	16	ug/kg	
106-47-8	4-Chloroaniline	ND	190	15	ug/kg	
86-74-8	Carbazole	ND	74	16	ug/kg	
105-60-2	Caprolactam	ND	74	30	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:	MW-5 (5 FT)		
Lab Sample ID:	JA11802-2	**Date Sampled:**	02/06/09
Matrix:	SO - Soil	**Date Received:**	02/10/09
Method:	SW846 8270C SW846 3550B	**Percent Solids:**	89.7
Project:	Via Verde, 700-730 Brook Avenue, Bronx, NY		

ABN TCL List (CLP4.2 list)

CAS No.	Compound	Result	RL	MDL	Units	Q
218-01-9	Chrysene	23.7	37	17	ug/kg	J
111-91-1	bis(2-Chloroethoxy)methane	ND	74	18	ug/kg	
111-44-4	bis(2-Chloroethyl)ether	ND	74	17	ug/kg	
108-60-1	bis(2-Chloroisopropyl)ether	ND	74	19	ug/kg	
7005-72-3	4-Chlorophenyl phenyl ether	ND	74	25	ug/kg	
121-14-2	2,4-Dinitrotoluene	ND	74	20	ug/kg	
606-20-2	2,6-Dinitrotoluene	ND	74	17	ug/kg	
91-94-1	3,3'-Dichlorobenzidine	ND	190	64	ug/kg	
53-70-3	Dibenzo(a,h)anthracene	ND	37	18	ug/kg	
132-64-9	Dibenzofuran	ND	74	17	ug/kg	
84-74-2	Di-n-butyl phthalate	ND	74	23	ug/kg	
117-84-0	Di-n-octyl phthalate	ND	74	16	ug/kg	
84-66-2	Diethyl phthalate	ND	74	17	ug/kg	
131-11-3	Dimethyl phthalate	ND	74	18	ug/kg	
117-81-7	bis(2-Ethylhexyl)phthalate	ND	74	19	ug/kg	
206-44-0	Fluoranthene	27.7	37	17	ug/kg	J
86-73-7	Fluorene	ND	37	17	ug/kg	
118-74-1	Hexachlorobenzene	ND	74	21	ug/kg	
87-68-3	Hexachlorobutadiene	ND	37	18	ug/kg	
77-47-4	Hexachlorocyclopentadiene	ND	740	35	ug/kg	
67-72-1	Hexachloroethane	ND	190	24	ug/kg	
193-39-5	Indeno(1,2,3-cd)pyrene	17.9	37	14	ug/kg	J
78-59-1	Isophorone	ND	74	33	ug/kg	
91-57-6	2-Methylnaphthalene	ND	74	17	ug/kg	
88-74-4	2-Nitroaniline	ND	190	27	ug/kg	
99-09-2	3-Nitroaniline	ND	190	15	ug/kg	
100-01-6	4-Nitroaniline	ND	190	23	ug/kg	
91-20-3	Naphthalene	ND	37	16	ug/kg	
98-95-3	Nitrobenzene	ND	74	17	ug/kg	
621-64-7	N-Nitroso-di-n-propylamine	ND	74	23	ug/kg	
86-30-6	N-Nitrosodiphenylamine	ND	190	25	ug/kg	
85-01-8	Phenanthrene	44.2	37	18	ug/kg	
129-00-0	Pyrene	33.0	37	16	ug/kg	J

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
367-12-4	2-Fluorophenol	72%		29-114%
4165-62-2	Phenol-d5	71%		31-111%
118-79-6	2,4,6-Tribromophenol	78%		27-133%
4165-60-0	Nitrobenzene-d5	86%		36-116%

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:	MW-5 (5 FT)		
Lab Sample ID:	JA11802-2	**Date Sampled:**	02/06/09
Matrix:	SO - Soil	**Date Received:**	02/10/09
Method:	SW846 8270C SW846 3550B	**Percent Solids:**	89.7
Project:	Via Verde, 700-730 Brook Avenue, Bronx, NY		

ABN TCL List (CLP4.2 list)

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
321-60-8	2-Fluorobiphenyl	91%		44-111%
1718-51-0	Terphenyl-d14	80%		37-131%

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: MW-5 (5 FT)
Lab Sample ID: JA11802-2 **Date Sampled:** 02/06/09
Matrix: SO - Soil **Date Received:** 02/10/09
Method: SW846 8081A SW846 3545 **Percent Solids:** 89.7
Project: Via Verde, 700-730 Brook Avenue, Bronx, NY

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	OA51504.D	1	02/12/09	TDR	02/11/09	OP36858	GOA1857
Run #2							

	Initial Weight	Final Volume
Run #1	15.2 g	10.0 ml
Run #2		

Pesticide TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
309-00-2	Aldrin	ND	1.5	0.30	ug/kg	
319-84-6	alpha-BHC	ND	1.5	0.27	ug/kg	
319-85-7	beta-BHC	ND	1.5	0.49	ug/kg	
319-86-8	delta-BHC	ND	1.5	0.27	ug/kg	
58-89-9	gamma-BHC (Lindane)	ND	1.5	0.36	ug/kg	
5103-71-9	alpha-Chlordane	ND	1.5	0.45	ug/kg	
5103-74-2	gamma-Chlordane	ND	1.5	0.33	ug/kg	
60-57-1	Dieldrin	ND	1.5	0.29	ug/kg	
72-54-8	4,4'-DDD	ND	1.5	0.24	ug/kg	
72-55-9	4,4'-DDE	ND	1.5	0.37	ug/kg	
50-29-3	4,4'-DDT	ND	1.5	0.34	ug/kg	
72-20-8	Endrin	ND	1.5	0.32	ug/kg	
1031-07-8	Endosulfan sulfate	ND	1.5	0.31	ug/kg	
7421-93-4	Endrin aldehyde	ND	1.5	0.34	ug/kg	
959-98-8	Endosulfan-I	ND	1.5	0.30	ug/kg	
33213-65-9	Endosulfan-II	ND	1.5	0.49	ug/kg	
76-44-8	Heptachlor	ND	1.5	0.39	ug/kg	
1024-57-3	Heptachlor epoxide	ND	1.5	0.29	ug/kg	
72-43-5	Methoxychlor	ND	1.5	0.39	ug/kg	
53494-70-5	Endrin ketone	ND	1.5	0.29	ug/kg	
8001-35-2	Toxaphene	ND	18	14	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
877-09-8	Tetrachloro-m-xylene	104%		34-132%
877-09-8	Tetrachloro-m-xylene	103%		34-132%
2051-24-3	Decachlorobiphenyl	119%		25-146%
2051-24-3	Decachlorobiphenyl	144%		25-146%

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: MW-5 (5 FT)
Lab Sample ID: JA11802-2 **Date Sampled:** 02/06/09
Matrix: SO - Soil **Date Received:** 02/10/09
Method: SW846 8082 SW846 3545 **Percent Solids:** 89.7
Project: Via Verde, 700-730 Brook Avenue, Bronx, NY

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	EF80727.D	1	02/12/09	VDT	02/11/09	OP36859	GEF3655
Run #2							

	Initial Weight	Final Volume
Run #1	15.2 g	10.0 ml
Run #2		

PCB List

CAS No.	Compound	Result	RL	MDL	Units	Q
12674-11-2	Aroclor 1016	ND	37	6.8	ug/kg	
11104-28-2	Aroclor 1221	ND	37	21	ug/kg	
11141-16-5	Aroclor 1232	ND	37	11	ug/kg	
53469-21-9	Aroclor 1242	ND	37	21	ug/kg	
12672-29-6	Aroclor 1248	ND	37	12	ug/kg	
11097-69-1	Aroclor 1254	ND	37	7.4	ug/kg	
11096-82-5	Aroclor 1260	ND	37	6.7	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
877-09-8	Tetrachloro-m-xylene	97%		33-141%
877-09-8	Tetrachloro-m-xylene	101%		33-141%
2051-24-3	Decachlorobiphenyl	119%		32-154%
2051-24-3	Decachlorobiphenyl	111%		32-154%

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:	MW-5 (5 FT)		
Lab Sample ID:	JA11802-2	**Date Sampled:**	02/06/09
Matrix:	SO - Soil	**Date Received:**	02/10/09
		Percent Solids:	89.7
Project:	Via Verde, 700-730 Brook Avenue, Bronx, NY		

Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Aluminum	9360	22	mg/kg	1	02/13/09	02/13/09	ND	SW846 6010B [1]	SW846 3050B [4]
Antimony	< 2.2	2.2	mg/kg	1	02/13/09	02/13/09	ND	SW846 6010B [1]	SW846 3050B [4]
Arsenic	< 2.2	2.2	mg/kg	1	02/13/09	02/13/09	ND	SW846 6010B [1]	SW846 3050B [4]
Barium	66.2	22	mg/kg	1	02/13/09	02/13/09	ND	SW846 6010B [1]	SW846 3050B [4]
Beryllium	< 0.55	0.55	mg/kg	1	02/13/09	02/13/09	ND	SW846 6010B [1]	SW846 3050B [4]
Cadmium	< 0.55	0.55	mg/kg	1	02/13/09	02/13/09	ND	SW846 6010B [1]	SW846 3050B [4]
Calcium	2540	550	mg/kg	1	02/13/09	02/13/09	ND	SW846 6010B [1]	SW846 3050B [4]
Chromium	23.9	1.1	mg/kg	1	02/13/09	02/13/09	ND	SW846 6010B [1]	SW846 3050B [4]
Cobalt	7.2	5.5	mg/kg	1	02/13/09	02/13/09	ND	SW846 6010B [1]	SW846 3050B [4]
Copper	20.3	2.8	mg/kg	1	02/13/09	02/13/09	ND	SW846 6010B [1]	SW846 3050B [4]
Iron	21000	44	mg/kg	1	02/13/09	02/13/09	ND	SW846 6010B [1]	SW846 3050B [4]
Lead	7.5	2.2	mg/kg	1	02/13/09	02/13/09	ND	SW846 6010B [1]	SW846 3050B [4]
Magnesium	3500	550	mg/kg	1	02/13/09	02/13/09	ND	SW846 6010B [1]	SW846 3050B [4]
Manganese	312	1.7	mg/kg	1	02/13/09	02/13/09	ND	SW846 6010B [1]	SW846 3050B [4]
Mercury	< 0.034	0.034	mg/kg	1	02/20/09	02/20/09	JW	SW846 7471A [3]	SW846 7471A [5]
Nickel	14.6	4.4	mg/kg	1	02/13/09	02/13/09	ND	SW846 6010B [1]	SW846 3050B [4]
Potassium	1470	1100	mg/kg	1	02/13/09	02/13/09	ND	SW846 6010B [1]	SW846 3050B [4]
Selenium	< 2.2	2.2	mg/kg	1	02/13/09	02/13/09	ND	SW846 6010B [1]	SW846 3050B [4]
Silver	< 1.1	1.1	mg/kg	1	02/13/09	02/13/09	ND	SW846 6010B [1]	SW846 3050B [4]
Sodium	< 1100	1100	mg/kg	1	02/13/09	02/13/09	ND	SW846 6010B [1]	SW846 3050B [4]
Thallium	< 1.1	1.1	mg/kg	1	02/13/09	02/17/09	GT	SW846 6010B [2]	SW846 3050B [4]
Vanadium	32.5	5.5	mg/kg	1	02/13/09	02/13/09	ND	SW846 6010B [1]	SW846 3050B [4]
Zinc	33.0	2.2	mg/kg	1	02/13/09	02/13/09	ND	SW846 6010B [1]	SW846 3050B [4]

(1) Instrument QC Batch: MA22149
(2) Instrument QC Batch: MA22155
(3) Instrument QC Batch: MA22176
(4) Prep QC Batch: MP47199
(5) Prep QC Batch: MP47289

RL = Reporting Limit

Report of Analysis

Client Sample ID:	SB-1 (1 FT)		
Lab Sample ID:	JA11802-3	**Date Sampled:**	02/06/09
Matrix:	SO - Soil	**Date Received:**	02/10/09
Method:	SW846 8260B	**Percent Solids:**	92.5
Project:	Via Verde, 700-730 Brook Avenue, Bronx, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	Y85127.D	1	02/20/09	HJK	n/a	n/a	VY3539
Run #2							

	Initial Weight
Run #1	4.5 g
Run #2	

VOA 8260 List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	ND	12	2.6	ug/kg	
71-43-2	Benzene	ND	1.2	0.42	ug/kg	
108-86-1	Bromobenzene	ND	6.0	0.41	ug/kg	
74-97-5	Bromochloromethane	ND	6.0	0.32	ug/kg	
75-27-4	Bromodichloromethane	ND	6.0	0.31	ug/kg	
75-25-2	Bromoform	ND	6.0	0.40	ug/kg	
74-83-9	Bromomethane	ND	6.0	1.1	ug/kg	
78-93-3	2-Butanone (MEK)	ND	12	2.7	ug/kg	
104-51-8	n-Butylbenzene	ND	6.0	2.1	ug/kg	
135-98-8	sec-Butylbenzene	ND	6.0	0.58	ug/kg	
98-06-6	tert-Butylbenzene	ND	6.0	0.34	ug/kg	
56-23-5	Carbon tetrachloride	ND	6.0	1.1	ug/kg	
108-90-7	Chlorobenzene	ND	6.0	0.36	ug/kg	
75-00-3	Chloroethane	ND	6.0	0.82	ug/kg	
67-66-3	Chloroform	ND	6.0	0.56	ug/kg	
74-87-3	Chloromethane	ND	6.0	0.85	ug/kg	
95-49-8	o-Chlorotoluene	ND	6.0	0.35	ug/kg	
106-43-4	p-Chlorotoluene	ND	6.0	0.43	ug/kg	
96-12-8	1,2-Dibromo-3-chloropropane	ND	12	1.8	ug/kg	
124-48-1	Dibromochloromethane	ND	6.0	0.32	ug/kg	
106-93-4	1,2-Dibromoethane	ND	1.2	0.48	ug/kg	
95-50-1	1,2-Dichlorobenzene	ND	6.0	0.44	ug/kg	
541-73-1	1,3-Dichlorobenzene	ND	6.0	0.36	ug/kg	
106-46-7	1,4-Dichlorobenzene	ND	6.0	0.38	ug/kg	
75-71-8	Dichlorodifluoromethane	ND	6.0	1.9	ug/kg	
75-34-3	1,1-Dichloroethane	ND	6.0	0.47	ug/kg	
107-06-2	1,2-Dichloroethane	ND	1.2	0.51	ug/kg	
75-35-4	1,1-Dichloroethene	ND	6.0	0.63	ug/kg	
156-59-2	cis-1,2-Dichloroethene	ND	6.0	0.43	ug/kg	
156-60-5	trans-1,2-Dichloroethene	ND	6.0	0.39	ug/kg	
78-87-5	1,2-Dichloropropane	ND	6.0	0.47	ug/kg	
142-28-9	1,3-Dichloropropane	ND	6.0	0.33	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:	SB-1 (1 FT)		
Lab Sample ID:	JA11802-3	**Date Sampled:**	02/06/09
Matrix:	SO - Soil	**Date Received:**	02/10/09
Method:	SW846 8260B	**Percent Solids:**	92.5
Project:	Via Verde, 700-730 Brook Avenue, Bronx, NY		

VOA 8260 List

CAS No.	Compound	Result	RL	MDL	Units	Q
594-20-7	2,2-Dichloropropane	ND	6.0	0.45	ug/kg	
563-58-6	1,1-Dichloropropene	ND	6.0	0.40	ug/kg	
10061-01-5	cis-1,3-Dichloropropene	ND	6.0	0.29	ug/kg	
10061-02-6	trans-1,3-Dichloropropene	ND	6.0	0.30	ug/kg	
100-41-4	Ethylbenzene	ND	1.2	0.49	ug/kg	
87-68-3	Hexachlorobutadiene	ND	6.0	0.71	ug/kg	
98-82-8	Isopropylbenzene	ND	6.0	0.54	ug/kg	
99-87-6	p-Isopropyltoluene	ND	6.0	0.60	ug/kg	
1634-04-4	Methyl Tert Butyl Ether	ND	1.2	0.43	ug/kg	
108-10-1	4-Methyl-2-pentanone(MIBK)	ND	6.0	2.9	ug/kg	
74-95-3	Methylene bromide	ND	6.0	0.43	ug/kg	
75-09-2	Methylene chloride	ND	6.0	0.35	ug/kg	
91-20-3	Naphthalene	ND	6.0	0.58	ug/kg	
103-65-1	n-Propylbenzene	ND	6.0	0.58	ug/kg	
100-42-5	Styrene	ND	6.0	0.34	ug/kg	
630-20-6	1,1,1,2-Tetrachloroethane	ND	6.0	0.63	ug/kg	
79-34-5	1,1,2,2-Tetrachloroethane	ND	6.0	0.30	ug/kg	
127-18-4	Tetrachloroethene	ND	6.0	0.56	ug/kg	
108-88-3	Toluene	ND	1.2	0.40	ug/kg	
87-61-6	1,2,3-Trichlorobenzene	ND	6.0	0.58	ug/kg	
120-82-1	1,2,4-Trichlorobenzene	ND	6.0	0.50	ug/kg	
71-55-6	1,1,1-Trichloroethane	ND	6.0	0.63	ug/kg	
79-00-5	1,1,2-Trichloroethane	ND	6.0	0.31	ug/kg	
79-01-6	Trichloroethene	ND	6.0	0.35	ug/kg	
75-69-4	Trichlorofluoromethane	ND	6.0	1.8	ug/kg	
96-18-4	1,2,3-Trichloropropane	ND	6.0	2.6	ug/kg	
95-63-6	1,2,4-Trimethylbenzene	ND	6.0	0.29	ug/kg	
108-67-8	1,3,5-Trimethylbenzene	ND	6.0	0.42	ug/kg	
75-01-4	Vinyl chloride	ND	6.0	0.76	ug/kg	
	m,p-Xylene	ND	2.4	0.36	ug/kg	
95-47-6	o-Xylene	ND	1.2	0.36	ug/kg	
1330-20-7	Xylene (total)	ND	2.4	0.36	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	109%		67-125%
17060-07-0	1,2-Dichloroethane-D4	123%		64-131%
2037-26-5	Toluene-D8	89%		73-124%
460-00-4	4-Bromofluorobenzene	95%		61-136%

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:	SB-1 (1 FT)		
Lab Sample ID:	JA11802-3	**Date Sampled:**	02/06/09
Matrix:	SO - Soil	**Date Received:**	02/10/09
Method:	SW846 8270C SW846 3550B	**Percent Solids:**	92.5
Project:	Via Verde, 700-730 Brook Avenue, Bronx, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	M62919.D	1	02/12/09	LP	02/11/09	OP36857	EM2265
Run #2							

	Initial Weight	Final Volume
Run #1	30.1 g	1.0 ml
Run #2		

ABN TCL List (CLP4.2 list)

CAS No.	Compound	Result	RL	MDL	Units	Q
95-57-8	2-Chlorophenol	ND	180	30	ug/kg	
59-50-7	4-Chloro-3-methyl phenol	ND	180	43	ug/kg	
120-83-2	2,4-Dichlorophenol	ND	180	37	ug/kg	
105-67-9	2,4-Dimethylphenol	ND	180	44	ug/kg	
51-28-5	2,4-Dinitrophenol	ND	720	390	ug/kg	
534-52-1	4,6-Dinitro-o-cresol	ND	720	38	ug/kg	
95-48-7	2-Methylphenol	ND	72	39	ug/kg	
	3&4-Methylphenol	ND	72	48	ug/kg	
88-75-5	2-Nitrophenol	ND	180	38	ug/kg	
100-02-7	4-Nitrophenol	ND	360	46	ug/kg	
87-86-5	Pentachlorophenol	ND	360	46	ug/kg	
108-95-2	Phenol	ND	72	27	ug/kg	
95-95-4	2,4,5-Trichlorophenol	ND	180	39	ug/kg	
88-06-2	2,4,6-Trichlorophenol	ND	180	48	ug/kg	
83-32-9	Acenaphthene	ND	36	19	ug/kg	
208-96-8	Acenaphthylene	37.7	36	15	ug/kg	
98-86-2	Acetophenone	ND	180	18	ug/kg	
120-12-7	Anthracene	27.4	36	16	ug/kg	J
1912-24-9	Atrazine	ND	180	23	ug/kg	
56-55-3	Benzo(a)anthracene	105	36	22	ug/kg	
50-32-8	Benzo(a)pyrene	120	36	15	ug/kg	
205-99-2	Benzo(b)fluoranthene	135	36	20	ug/kg	
191-24-2	Benzo(g,h,i)perylene	111	36	17	ug/kg	
207-08-9	Benzo(k)fluoranthene	130	36	18	ug/kg	
101-55-3	4-Bromophenyl phenyl ether	ND	72	20	ug/kg	
85-68-7	Butyl benzyl phthalate	ND	72	18	ug/kg	
92-52-4	1,1'-Biphenyl	ND	72	18	ug/kg	
100-52-7	Benzaldehyde	ND	180	100	ug/kg	
91-58-7	2-Chloronaphthalene	ND	72	16	ug/kg	
106-47-8	4-Chloroaniline	ND	180	15	ug/kg	
86-74-8	Carbazole	ND	72	15	ug/kg	
105-60-2	Caprolactam	ND	72	29	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:	SB-1 (1 FT)		
Lab Sample ID:	JA11802-3	**Date Sampled:**	02/06/09
Matrix:	SO - Soil	**Date Received:**	02/10/09
Method:	SW846 8270C SW846 3550B	**Percent Solids:**	92.5
Project:	Via Verde, 700-730 Brook Avenue, Bronx, NY		

ABN TCL List (CLP4.2 list)

CAS No.	Compound	Result	RL	MDL	Units	Q
218-01-9	Chrysene	110	36	17	ug/kg	
111-91-1	bis(2-Chloroethoxy)methane	ND	72	18	ug/kg	
111-44-4	bis(2-Chloroethyl)ether	ND	72	17	ug/kg	
108-60-1	bis(2-Chloroisopropyl)ether	ND	72	19	ug/kg	
7005-72-3	4-Chlorophenyl phenyl ether	ND	72	24	ug/kg	
121-14-2	2,4-Dinitrotoluene	ND	72	20	ug/kg	
606-20-2	2,6-Dinitrotoluene	ND	72	16	ug/kg	
91-94-1	3,3'-Dichlorobenzidine	ND	180	62	ug/kg	
53-70-3	Dibenzo(a,h)anthracene	25.8	36	17	ug/kg	J
132-64-9	Dibenzofuran	ND	72	17	ug/kg	
84-74-2	Di-n-butyl phthalate	ND	72	22	ug/kg	
117-84-0	Di-n-octyl phthalate	ND	72	16	ug/kg	
84-66-2	Diethyl phthalate	ND	72	16	ug/kg	
131-11-3	Dimethyl phthalate	ND	72	17	ug/kg	
117-81-7	bis(2-Ethylhexyl)phthalate	77.2	72	19	ug/kg	
206-44-0	Fluoranthene	152	36	16	ug/kg	
86-73-7	Fluorene	ND	36	17	ug/kg	
118-74-1	Hexachlorobenzene	ND	72	20	ug/kg	
87-68-3	Hexachlorobutadiene	ND	36	17	ug/kg	
77-47-4	Hexachlorocyclopentadiene	ND	720	34	ug/kg	
67-72-1	Hexachloroethane	ND	180	23	ug/kg	
193-39-5	Indeno(1,2,3-cd)pyrene	95.6	36	13	ug/kg	
78-59-1	Isophorone	ND	72	32	ug/kg	
91-57-6	2-Methylnaphthalene	ND	72	16	ug/kg	
88-74-4	2-Nitroaniline	ND	180	26	ug/kg	
99-09-2	3-Nitroaniline	ND	180	15	ug/kg	
100-01-6	4-Nitroaniline	ND	180	22	ug/kg	
91-20-3	Naphthalene	ND	36	16	ug/kg	
98-95-3	Nitrobenzene	ND	72	16	ug/kg	
621-64-7	N-Nitroso-di-n-propylamine	ND	72	22	ug/kg	
86-30-6	N-Nitrosodiphenylamine	ND	180	24	ug/kg	
85-01-8	Phenanthrene	30.9	36	18	ug/kg	J
129-00-0	Pyrene	145	36	16	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
367-12-4	2-Fluorophenol	65%		29-114%
4165-62-2	Phenol-d5	71%		31-111%
118-79-6	2,4,6-Tribromophenol	61%		27-133%
4165-60-0	Nitrobenzene-d5	85%		36-116%

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:	SB-1 (1 FT)		
Lab Sample ID:	JA11802-3	**Date Sampled:**	02/06/09
Matrix:	SO - Soil	**Date Received:**	02/10/09
Method:	SW846 8270C SW846 3550B	**Percent Solids:**	92.5
Project:	Via Verde, 700-730 Brook Avenue, Bronx, NY		

ABN TCL List (CLP4.2 list)

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
321-60-8	2-Fluorobiphenyl	91%		44-111%
1718-51-0	Terphenyl-d14	77%		37-131%

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:	SB-1 (1 FT)		
Lab Sample ID:	JA11802-3	**Date Sampled:**	02/06/09
Matrix:	SO - Soil	**Date Received:**	02/10/09
Method:	SW846 8081A SW846 3545	**Percent Solids:**	92.5
Project:	Via Verde, 700-730 Brook Avenue, Bronx, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	OA51620.D	1	02/14/09	TDR	02/11/09	OP36858	GOA1860
Run #2							

	Initial Weight	Final Volume
Run #1	15.0 g	10.0 ml
Run #2		

Pesticide TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
309-00-2	Aldrin	ND	1.4	0.29	ug/kg	
319-84-6	alpha-BHC	ND	1.4	0.27	ug/kg	
319-85-7	beta-BHC	ND	1.4	0.48	ug/kg	
319-86-8	delta-BHC	ND	1.4	0.26	ug/kg	
58-89-9	gamma-BHC (Lindane)	ND	1.4	0.35	ug/kg	
5103-71-9	alpha-Chlordane	ND	1.4	0.44	ug/kg	
5103-74-2	gamma-Chlordane	ND	1.4	0.32	ug/kg	
60-57-1	Dieldrin	ND	1.4	0.28	ug/kg	
72-54-8	4,4'-DDD	ND	1.4	0.23	ug/kg	
72-55-9	4,4'-DDE	ND	1.4	0.36	ug/kg	
50-29-3	4,4'-DDT	ND	1.4	0.33	ug/kg	
72-20-8	Endrin	ND	1.4	0.31	ug/kg	
1031-07-8	Endosulfan sulfate	ND	1.4	0.31	ug/kg	
7421-93-4	Endrin aldehyde	ND	1.4	0.34	ug/kg	
959-98-8	Endosulfan-I	ND	1.4	0.29	ug/kg	
33213-65-9	Endosulfan-II	ND	1.4	0.48	ug/kg	
76-44-8	Heptachlor	ND	1.4	0.38	ug/kg	
1024-57-3	Heptachlor epoxide	ND	1.4	0.29	ug/kg	
72-43-5	Methoxychlor	ND	1.4	0.39	ug/kg	
53494-70-5	Endrin ketone	ND	1.4	0.29	ug/kg	
8001-35-2	Toxaphene	ND	18	14	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
877-09-8	Tetrachloro-m-xylene	80%		34-132%
877-09-8	Tetrachloro-m-xylene	71%		34-132%
2051-24-3	Decachlorobiphenyl	88%		25-146%
2051-24-3	Decachlorobiphenyl	111%		25-146%

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:	SB-1 (1 FT)		
Lab Sample ID:	JA11802-3	**Date Sampled:**	02/06/09
Matrix:	SO - Soil	**Date Received:**	02/10/09
Method:	SW846 8082 SW846 3545	**Percent Solids:**	92.5
Project:	Via Verde, 700-730 Brook Avenue, Bronx, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	EF80728.D	1	02/12/09	VDT	02/11/09	OP36859	GEF3655
Run #2							

	Initial Weight	Final Volume
Run #1	15.0 g	10.0 ml
Run #2		

PCB List

CAS No.	Compound	Result	RL	MDL	Units	Q
12674-11-2	Aroclor 1016	ND	36	6.7	ug/kg	
11104-28-2	Aroclor 1221	ND	36	21	ug/kg	
11141-16-5	Aroclor 1232	ND	36	11	ug/kg	
53469-21-9	Aroclor 1242	ND	36	20	ug/kg	
12672-29-6	Aroclor 1248	ND	36	12	ug/kg	
11097-69-1	Aroclor 1254	ND	36	7.3	ug/kg	
11096-82-5	Aroclor 1260	ND	36	6.6	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
877-09-8	Tetrachloro-m-xylene	82%		33-141%
877-09-8	Tetrachloro-m-xylene	86%		33-141%
2051-24-3	Decachlorobiphenyl	110%		32-154%
2051-24-3	Decachlorobiphenyl	118%		32-154%

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:	SB-1 (1 FT)		
Lab Sample ID:	JA11802-3	**Date Sampled:**	02/06/09
Matrix:	SO - Soil	**Date Received:**	02/10/09
		Percent Solids:	92.5
Project:	Via Verde, 700-730 Brook Avenue, Bronx, NY		

Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Aluminum	7120	22	mg/kg	1	02/13/09	02/13/09	ND	SW846 6010B [1]	SW846 3050B [4]
Antimony	< 2.2	2.2	mg/kg	1	02/13/09	02/13/09	ND	SW846 6010B [1]	SW846 3050B [4]
Arsenic	2.2	2.2	mg/kg	1	02/13/09	02/13/09	ND	SW846 6010B [1]	SW846 3050B [4]
Barium	35.2	22	mg/kg	1	02/13/09	02/13/09	ND	SW846 6010B [1]	SW846 3050B [4]
Beryllium	< 0.54	0.54	mg/kg	1	02/13/09	02/13/09	ND	SW846 6010B [1]	SW846 3050B [4]
Cadmium	< 0.54	0.54	mg/kg	1	02/13/09	02/13/09	ND	SW846 6010B [1]	SW846 3050B [4]
Calcium	2990	540	mg/kg	1	02/13/09	02/13/09	ND	SW846 6010B [1]	SW846 3050B [4]
Chromium	15.2	1.1	mg/kg	1	02/13/09	02/13/09	ND	SW846 6010B [1]	SW846 3050B [4]
Cobalt	6.3	5.4	mg/kg	1	02/13/09	02/13/09	ND	SW846 6010B [1]	SW846 3050B [4]
Copper	32.6	2.7	mg/kg	1	02/13/09	02/13/09	ND	SW846 6010B [1]	SW846 3050B [4]
Iron	15300	44	mg/kg	1	02/13/09	02/13/09	ND	SW846 6010B [1]	SW846 3050B [4]
Lead	15.3	2.2	mg/kg	1	02/13/09	02/13/09	ND	SW846 6010B [1]	SW846 3050B [4]
Magnesium	2920	540	mg/kg	1	02/13/09	02/13/09	ND	SW846 6010B [1]	SW846 3050B [4]
Manganese	252	1.6	mg/kg	1	02/13/09	02/13/09	ND	SW846 6010B [1]	SW846 3050B [4]
Mercury	< 0.035	0.035	mg/kg	1	02/20/09	02/20/09	JW	SW846 7471A [3]	SW846 7471A [5]
Nickel	10.7	4.3	mg/kg	1	02/13/09	02/13/09	ND	SW846 6010B [1]	SW846 3050B [4]
Potassium	1660	1100	mg/kg	1	02/13/09	02/13/09	ND	SW846 6010B [1]	SW846 3050B [4]
Selenium	< 2.2	2.2	mg/kg	1	02/13/09	02/13/09	ND	SW846 6010B [1]	SW846 3050B [4]
Silver	< 1.1	1.1	mg/kg	1	02/13/09	02/13/09	ND	SW846 6010B [1]	SW846 3050B [4]
Sodium	< 1100	1100	mg/kg	1	02/13/09	02/13/09	ND	SW846 6010B [1]	SW846 3050B [4]
Thallium	< 1.1	1.1	mg/kg	1	02/13/09	02/17/09	GT	SW846 6010B [2]	SW846 3050B [4]
Vanadium	43.2	5.4	mg/kg	1	02/13/09	02/13/09	ND	SW846 6010B [1]	SW846 3050B [4]
Zinc	35.8	2.2	mg/kg	1	02/13/09	02/13/09	ND	SW846 6010B [1]	SW846 3050B [4]

(1) Instrument QC Batch: MA22149
(2) Instrument QC Batch: MA22155
(3) Instrument QC Batch: MA22176
(4) Prep QC Batch: MP47199
(5) Prep QC Batch: MP47289

RL = Reporting Limit

Report of Analysis

Client Sample ID:	SB-1 (2-4 FT)		
Lab Sample ID:	JA11802-4	**Date Sampled:**	02/06/09
Matrix:	SO - Soil	**Date Received:**	02/10/09
Method:	SW846 8260B	**Percent Solids:**	79.5
Project:	Via Verde, 700-730 Brook Avenue, Bronx, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	Y85128.D	1	02/20/09	HJK	n/a	n/a	VY3539
Run #2							

	Initial Weight
Run #1	4.5 g
Run #2	

VOA 8260 List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	ND	14	3.0	ug/kg	
71-43-2	Benzene	ND	1.4	0.49	ug/kg	
108-86-1	Bromobenzene	ND	7.0	0.48	ug/kg	
74-97-5	Bromochloromethane	ND	7.0	0.38	ug/kg	
75-27-4	Bromodichloromethane	ND	7.0	0.36	ug/kg	
75-25-2	Bromoform	ND	7.0	0.47	ug/kg	
74-83-9	Bromomethane	ND	7.0	1.2	ug/kg	
78-93-3	2-Butanone (MEK)	ND	14	3.1	ug/kg	
104-51-8	n-Butylbenzene	ND	7.0	2.4	ug/kg	
135-98-8	sec-Butylbenzene	ND	7.0	0.68	ug/kg	
98-06-6	tert-Butylbenzene	ND	7.0	0.39	ug/kg	
56-23-5	Carbon tetrachloride	ND	7.0	1.3	ug/kg	
108-90-7	Chlorobenzene	ND	7.0	0.42	ug/kg	
75-00-3	Chloroethane	ND	7.0	0.95	ug/kg	
67-66-3	Chloroform	ND	7.0	0.65	ug/kg	
74-87-3	Chloromethane	ND	7.0	0.99	ug/kg	
95-49-8	o-Chlorotoluene	ND	7.0	0.41	ug/kg	
106-43-4	p-Chlorotoluene	ND	7.0	0.51	ug/kg	
96-12-8	1,2-Dibromo-3-chloropropane	ND	14	2.1	ug/kg	
124-48-1	Dibromochloromethane	ND	7.0	0.38	ug/kg	
106-93-4	1,2-Dibromoethane	ND	1.4	0.56	ug/kg	
95-50-1	1,2-Dichlorobenzene	ND	7.0	0.52	ug/kg	
541-73-1	1,3-Dichlorobenzene	ND	7.0	0.42	ug/kg	
106-46-7	1,4-Dichlorobenzene	ND	7.0	0.44	ug/kg	
75-71-8	Dichlorodifluoromethane	ND	7.0	2.2	ug/kg	
75-34-3	1,1-Dichloroethane	ND	7.0	0.55	ug/kg	
107-06-2	1,2-Dichloroethane	ND	1.4	0.60	ug/kg	
75-35-4	1,1-Dichloroethene	ND	7.0	0.73	ug/kg	
156-59-2	cis-1,2-Dichloroethene	ND	7.0	0.50	ug/kg	
156-60-5	trans-1,2-Dichloroethene	ND	7.0	0.45	ug/kg	
78-87-5	1,2-Dichloropropane	ND	7.0	0.55	ug/kg	
142-28-9	1,3-Dichloropropane	ND	7.0	0.38	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:	SB-1 (2-4 FT)		
Lab Sample ID:	JA11802-4	**Date Sampled:**	02/06/09
Matrix:	SO - Soil	**Date Received:**	02/10/09
Method:	SW846 8260B	**Percent Solids:**	79.5
Project:	Via Verde, 700-730 Brook Avenue, Bronx, NY		

VOA 8260 List

CAS No.	Compound	Result	RL	MDL	Units	Q
594-20-7	2,2-Dichloropropane	ND	7.0	0.52	ug/kg	
563-58-6	1,1-Dichloropropene	ND	7.0	0.47	ug/kg	
10061-01-5	cis-1,3-Dichloropropene	ND	7.0	0.34	ug/kg	
10061-02-6	trans-1,3-Dichloropropene	ND	7.0	0.35	ug/kg	
100-41-4	Ethylbenzene	ND	1.4	0.57	ug/kg	
87-68-3	Hexachlorobutadiene	ND	7.0	0.82	ug/kg	
98-82-8	Isopropylbenzene	ND	7.0	0.62	ug/kg	
99-87-6	p-Isopropyltoluene	ND	7.0	0.70	ug/kg	
1634-04-4	Methyl Tert Butyl Ether	ND	1.4	0.49	ug/kg	
108-10-1	4-Methyl-2-pentanone(MIBK)	ND	7.0	3.3	ug/kg	
74-95-3	Methylene bromide	ND	7.0	0.50	ug/kg	
75-09-2	Methylene chloride	ND	7.0	0.41	ug/kg	
91-20-3	Naphthalene	ND	7.0	0.67	ug/kg	
103-65-1	n-Propylbenzene	ND	7.0	0.67	ug/kg	
100-42-5	Styrene	ND	7.0	0.40	ug/kg	
630-20-6	1,1,1,2-Tetrachloroethane	ND	7.0	0.74	ug/kg	
79-34-5	1,1,2,2-Tetrachloroethane	ND	7.0	0.35	ug/kg	
127-18-4	Tetrachloroethene	ND	7.0	0.65	ug/kg	
108-88-3	Toluene	ND	1.4	0.46	ug/kg	
87-61-6	1,2,3-Trichlorobenzene	ND	7.0	0.68	ug/kg	
120-82-1	1,2,4-Trichlorobenzene	ND	7.0	0.59	ug/kg	
71-55-6	1,1,1-Trichloroethane	ND	7.0	0.74	ug/kg	
79-00-5	1,1,2-Trichloroethane	ND	7.0	0.36	ug/kg	
79-01-6	Trichloroethene	ND	7.0	0.41	ug/kg	
75-69-4	Trichlorofluoromethane	ND	7.0	2.1	ug/kg	
96-18-4	1,2,3-Trichloropropane	ND	7.0	3.1	ug/kg	
95-63-6	1,2,4-Trimethylbenzene	ND	7.0	0.34	ug/kg	
108-67-8	1,3,5-Trimethylbenzene	ND	7.0	0.48	ug/kg	
75-01-4	Vinyl chloride	ND	7.0	0.88	ug/kg	
	m,p-Xylene	ND	2.8	0.42	ug/kg	
95-47-6	o-Xylene	ND	1.4	0.42	ug/kg	
1330-20-7	Xylene (total)	ND	2.8	0.42	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	111%		67-125%
17060-07-0	1,2-Dichloroethane-D4	129%		64-131%
2037-26-5	Toluene-D8	92%		73-124%
460-00-4	4-Bromofluorobenzene	95%		61-136%

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:	SB-1 (2-4 FT)		
Lab Sample ID:	JA11802-4	**Date Sampled:**	02/06/09
Matrix:	SO - Soil	**Date Received:**	02/10/09
Method:	SW846 8270C SW846 3550B	**Percent Solids:**	79.5
Project:	Via Verde, 700-730 Brook Avenue, Bronx, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	M62916.D	1	02/11/09	LP	02/11/09	OP36857	EM2265
Run #2							

	Initial Weight	Final Volume
Run #1	30.1 g	1.0 ml
Run #2		

ABN TCL List (CLP4.2 list)

CAS No.	Compound	Result	RL	MDL	Units	Q
95-57-8	2-Chlorophenol	ND	210	35	ug/kg	
59-50-7	4-Chloro-3-methyl phenol	ND	210	51	ug/kg	
120-83-2	2,4-Dichlorophenol	ND	210	43	ug/kg	
105-67-9	2,4-Dimethylphenol	ND	210	51	ug/kg	
51-28-5	2,4-Dinitrophenol	ND	840	450	ug/kg	
534-52-1	4,6-Dinitro-o-cresol	ND	840	44	ug/kg	
95-48-7	2-Methylphenol	ND	84	45	ug/kg	
	3&4-Methylphenol	ND	84	56	ug/kg	
88-75-5	2-Nitrophenol	ND	210	44	ug/kg	
100-02-7	4-Nitrophenol	ND	420	53	ug/kg	
87-86-5	Pentachlorophenol	ND	420	54	ug/kg	
108-95-2	Phenol	ND	84	32	ug/kg	
95-95-4	2,4,5-Trichlorophenol	ND	210	45	ug/kg	
88-06-2	2,4,6-Trichlorophenol	ND	210	56	ug/kg	
83-32-9	Acenaphthene	ND	42	22	ug/kg	
208-96-8	Acenaphthylene	ND	42	18	ug/kg	
98-86-2	Acetophenone	ND	210	20	ug/kg	
120-12-7	Anthracene	ND	42	19	ug/kg	
1912-24-9	Atrazine	ND	210	26	ug/kg	
56-55-3	Benzo(a)anthracene	45.1	42	25	ug/kg	
50-32-8	Benzo(a)pyrene	48.6	42	17	ug/kg	
205-99-2	Benzo(b)fluoranthene	66.8	42	23	ug/kg	
191-24-2	Benzo(g,h,i)perylene	58.7	42	20	ug/kg	
207-08-9	Benzo(k)fluoranthene	53.1	42	21	ug/kg	
101-55-3	4-Bromophenyl phenyl ether	ND	84	23	ug/kg	
85-68-7	Butyl benzyl phthalate	ND	84	21	ug/kg	
92-52-4	1,1'-Biphenyl	ND	84	21	ug/kg	
100-52-7	Benzaldehyde	ND	210	120	ug/kg	
91-58-7	2-Chloronaphthalene	ND	84	19	ug/kg	
106-47-8	4-Chloroaniline	ND	210	17	ug/kg	
86-74-8	Carbazole	ND	84	18	ug/kg	
105-60-2	Caprolactam	ND	84	33	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:	SB-1 (2-4 FT)		
Lab Sample ID:	JA11802-4	**Date Sampled:**	02/06/09
Matrix:	SO - Soil	**Date Received:**	02/10/09
Method:	SW846 8270C SW846 3550B	**Percent Solids:**	79.5
Project:	Via Verde, 700-730 Brook Avenue, Bronx, NY		

ABN TCL List (CLP4.2 list)

CAS No.	Compound	Result	RL	MDL	Units	Q
218-01-9	Chrysene	47.5	42	19	ug/kg	
111-91-1	bis(2-Chloroethoxy)methane	ND	84	21	ug/kg	
111-44-4	bis(2-Chloroethyl)ether	ND	84	20	ug/kg	
108-60-1	bis(2-Chloroisopropyl)ether	ND	84	22	ug/kg	
7005-72-3	4-Chlorophenyl phenyl ether	ND	84	28	ug/kg	
121-14-2	2,4-Dinitrotoluene	ND	84	23	ug/kg	
606-20-2	2,6-Dinitrotoluene	ND	84	19	ug/kg	
91-94-1	3,3'-Dichlorobenzidine	ND	210	72	ug/kg	
53-70-3	Dibenzo(a,h)anthracene	ND	42	20	ug/kg	
132-64-9	Dibenzofuran	ND	84	20	ug/kg	
84-74-2	Di-n-butyl phthalate	ND	84	26	ug/kg	
117-84-0	Di-n-octyl phthalate	ND	84	18	ug/kg	
84-66-2	Diethyl phthalate	ND	84	19	ug/kg	
131-11-3	Dimethyl phthalate	ND	84	20	ug/kg	
117-81-7	bis(2-Ethylhexyl)phthalate	193	84	22	ug/kg	
206-44-0	Fluoranthene	54.0	42	19	ug/kg	
86-73-7	Fluorene	ND	42	20	ug/kg	
118-74-1	Hexachlorobenzene	ND	84	24	ug/kg	
87-68-3	Hexachlorobutadiene	ND	42	20	ug/kg	
77-47-4	Hexachlorocyclopentadiene	ND	840	39	ug/kg	
67-72-1	Hexachloroethane	ND	210	27	ug/kg	
193-39-5	Indeno(1,2,3-cd)pyrene	43.1	42	15	ug/kg	
78-59-1	Isophorone	ND	84	37	ug/kg	
91-57-6	2-Methylnaphthalene	ND	84	19	ug/kg	
88-74-4	2-Nitroaniline	ND	210	31	ug/kg	
99-09-2	3-Nitroaniline	ND	210	17	ug/kg	
100-01-6	4-Nitroaniline	ND	210	26	ug/kg	
91-20-3	Naphthalene	ND	42	18	ug/kg	
98-95-3	Nitrobenzene	ND	84	19	ug/kg	
621-64-7	N-Nitroso-di-n-propylamine	ND	84	26	ug/kg	
86-30-6	N-Nitrosodiphenylamine	ND	210	28	ug/kg	
85-01-8	Phenanthrene	ND	42	21	ug/kg	
129-00-0	Pyrene	53.3	42	18	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
367-12-4	2-Fluorophenol	63%		29-114%
4165-62-2	Phenol-d5	65%		31-111%
118-79-6	2,4,6-Tribromophenol	76%		27-133%
4165-60-0	Nitrobenzene-d5	77%		36-116%

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:	SB-1 (2-4 FT)		
Lab Sample ID:	JA11802-4	**Date Sampled:**	02/06/09
Matrix:	SO - Soil	**Date Received:**	02/10/09
Method:	SW846 8270C SW846 3550B	**Percent Solids:**	79.5
Project:	Via Verde, 700-730 Brook Avenue, Bronx, NY		

ABN TCL List (CLP4.2 list)

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
321-60-8	2-Fluorobiphenyl	85%		44-111%
1718-51-0	Terphenyl-d14	83%		37-131%

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:	SB-1 (2-4 FT)		
Lab Sample ID:	JA11802-4	**Date Sampled:**	02/06/09
Matrix:	SO - Soil	**Date Received:**	02/10/09
Method:	SW846 8081A SW846 3545	**Percent Solids:**	79.5
Project:	Via Verde, 700-730 Brook Avenue, Bronx, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	XX84402.D	1	02/18/09	OPM	02/13/09	OP36890	GXX3396
Run #2							

	Initial Weight	Final Volume
Run #1	15.3 g	10.0 ml
Run #2		

Pesticide TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
309-00-2	Aldrin	ND	1.6	0.33	ug/kg	
319-84-6	alpha-BHC	ND	1.6	0.30	ug/kg	
319-85-7	beta-BHC	ND	1.6	0.55	ug/kg	
319-86-8	delta-BHC	ND	1.6	0.30	ug/kg	
58-89-9	gamma-BHC (Lindane)	ND	1.6	0.40	ug/kg	
5103-71-9	alpha-Chlordane	ND	1.6	0.50	ug/kg	
5103-74-2	gamma-Chlordane	ND	1.6	0.37	ug/kg	
60-57-1	Dieldrin	ND	1.6	0.32	ug/kg	
72-54-8	4,4'-DDD	ND	1.6	0.27	ug/kg	
72-55-9	4,4'-DDE	ND	1.6	0.41	ug/kg	
50-29-3	4,4'-DDT	ND	1.6	0.38	ug/kg	
72-20-8	Endrin	ND	1.6	0.35	ug/kg	
1031-07-8	Endosulfan sulfate	ND	1.6	0.35	ug/kg	
7421-93-4	Endrin aldehyde	ND	1.6	0.39	ug/kg	
959-98-8	Endosulfan-I	ND	1.6	0.34	ug/kg	
33213-65-9	Endosulfan-II	ND	1.6	0.54	ug/kg	
76-44-8	Heptachlor	ND	1.6	0.44	ug/kg	
1024-57-3	Heptachlor epoxide	ND	1.6	0.33	ug/kg	
72-43-5	Methoxychlor	ND	1.6	0.44	ug/kg	
53494-70-5	Endrin ketone	ND	1.6	0.33	ug/kg	
8001-35-2	Toxaphene	ND	21	16	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
877-09-8	Tetrachloro-m-xylene	96%		34-132%
877-09-8	Tetrachloro-m-xylene	87%		34-132%
2051-24-3	Decachlorobiphenyl	101%		25-146%
2051-24-3	Decachlorobiphenyl	119%		25-146%

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:	SB-1 (2-4 FT)		
Lab Sample ID:	JA11802-4	**Date Sampled:**	02/06/09
Matrix:	SO - Soil	**Date Received:**	02/10/09
Method:	SW846 8082 SW846 3545	**Percent Solids:**	79.5
Project:	Via Verde, 700-730 Brook Avenue, Bronx, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	AB79649.D	1	02/17/09	JSE	02/13/09	OP36889	GAB5214
Run #2							

	Initial Weight	Final Volume
Run #1	15.3 g	10.0 ml
Run #2		

PCB List

CAS No.	Compound	Result	RL	MDL	Units	Q
12674-11-2	Aroclor 1016	ND	41	7.6	ug/kg	
11104-28-2	Aroclor 1221	ND	41	24	ug/kg	
11141-16-5	Aroclor 1232	ND	41	12	ug/kg	
53469-21-9	Aroclor 1242	ND	41	23	ug/kg	
12672-29-6	Aroclor 1248	ND	41	13	ug/kg	
11097-69-1	Aroclor 1254	ND	41	8.3	ug/kg	
11096-82-5	Aroclor 1260	ND	41	7.5	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
877-09-8	Tetrachloro-m-xylene	75%		33-141%
877-09-8	Tetrachloro-m-xylene	62%		33-141%
2051-24-3	Decachlorobiphenyl	75%		32-154%
2051-24-3	Decachlorobiphenyl	83%		32-154%

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:	SB-1 (2-4 FT)		
Lab Sample ID:	JA11802-4	**Date Sampled:**	02/06/09
Matrix:	SO - Soil	**Date Received:**	02/10/09
		Percent Solids:	79.5
Project:	Via Verde, 700-730 Brook Avenue, Bronx, NY		

Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Aluminum	8470	24	mg/kg	1	02/13/09	02/13/09	ND	SW846 6010B [1]	SW846 3050B [4]
Antimony	< 2.4	2.4	mg/kg	1	02/13/09	02/13/09	ND	SW846 6010B [1]	SW846 3050B [4]
Arsenic	< 2.4	2.4	mg/kg	1	02/13/09	02/13/09	ND	SW846 6010B [1]	SW846 3050B [4]
Barium	51.3	24	mg/kg	1	02/13/09	02/13/09	ND	SW846 6010B [1]	SW846 3050B [4]
Beryllium	< 0.60	0.60	mg/kg	1	02/13/09	02/13/09	ND	SW846 6010B [1]	SW846 3050B [4]
Cadmium	< 0.60	0.60	mg/kg	1	02/13/09	02/17/09	GT	SW846 6010B [2]	SW846 3050B [4]
Calcium	3540	600	mg/kg	1	02/13/09	02/13/09	ND	SW846 6010B [1]	SW846 3050B [4]
Chromium	23.5	1.2	mg/kg	1	02/13/09	02/13/09	ND	SW846 6010B [1]	SW846 3050B [4]
Cobalt	7.7	6.0	mg/kg	1	02/13/09	02/17/09	GT	SW846 6010B [2]	SW846 3050B [4]
Copper	26.2	3.0	mg/kg	1	02/13/09	02/13/09	ND	SW846 6010B [1]	SW846 3050B [4]
Iron	16000	48	mg/kg	1	02/13/09	02/13/09	ND	SW846 6010B [1]	SW846 3050B [4]
Lead	13.5	2.4	mg/kg	1	02/13/09	02/13/09	ND	SW846 6010B [1]	SW846 3050B [4]
Magnesium	4300	600	mg/kg	1	02/13/09	02/13/09	ND	SW846 6010B [1]	SW846 3050B [4]
Manganese	276	1.8	mg/kg	1	02/13/09	02/13/09	ND	SW846 6010B [1]	SW846 3050B [4]
Mercury	< 0.040	0.040	mg/kg	1	02/20/09	02/20/09	JW	SW846 7471A [3]	SW846 7471A [5]
Nickel	14.8	4.8	mg/kg	1	02/13/09	02/13/09	ND	SW846 6010B [1]	SW846 3050B [4]
Potassium	2140	1200	mg/kg	1	02/13/09	02/13/09	ND	SW846 6010B [1]	SW846 3050B [4]
Selenium	< 2.4	2.4	mg/kg	1	02/13/09	02/13/09	ND	SW846 6010B [1]	SW846 3050B [4]
Silver	< 1.2	1.2	mg/kg	1	02/13/09	02/13/09	ND	SW846 6010B [1]	SW846 3050B [4]
Sodium	< 1200	1200	mg/kg	1	02/13/09	02/13/09	ND	SW846 6010B [1]	SW846 3050B [4]
Thallium	< 1.2	1.2	mg/kg	1	02/13/09	02/17/09	GT	SW846 6010B [2]	SW846 3050B [4]
Vanadium	27.9	6.0	mg/kg	1	02/13/09	02/13/09	ND	SW846 6010B [1]	SW846 3050B [4]
Zinc	48.0	2.4	mg/kg	1	02/13/09	02/17/09	GT	SW846 6010B [2]	SW846 3050B [4]

(1) Instrument QC Batch: MA22149
(2) Instrument QC Batch: MA22155
(3) Instrument QC Batch: MA22176
(4) Prep QC Batch: MP47199
(5) Prep QC Batch: MP47289

RL = Reporting Limit

Report of Analysis

Client Sample ID:	MW-4 (1 FT)		
Lab Sample ID:	JA11802-5	**Date Sampled:**	02/06/09
Matrix:	SO - Soil	**Date Received:**	02/10/09
Method:	SW846 8260B	**Percent Solids:**	90.0
Project:	Via Verde, 700-730 Brook Avenue, Bronx, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	Y85129.D	1	02/20/09	HJK	n/a	n/a	VY3539
Run #2							

	Initial Weight
Run #1	4.5 g
Run #2	

VOA 8260 List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	ND	12	2.7	ug/kg	
71-43-2	Benzene	ND	1.2	0.43	ug/kg	
108-86-1	Bromobenzene	ND	6.2	0.42	ug/kg	
74-97-5	Bromochloromethane	ND	6.2	0.33	ug/kg	
75-27-4	Bromodichloromethane	ND	6.2	0.32	ug/kg	
75-25-2	Bromoform	ND	6.2	0.41	ug/kg	
74-83-9	Bromomethane	ND	6.2	1.1	ug/kg	
78-93-3	2-Butanone (MEK)	ND	12	2.7	ug/kg	
104-51-8	n-Butylbenzene	ND	6.2	2.1	ug/kg	
135-98-8	sec-Butylbenzene	ND	6.2	0.60	ug/kg	
98-06-6	tert-Butylbenzene	ND	6.2	0.35	ug/kg	
56-23-5	Carbon tetrachloride	ND	6.2	1.2	ug/kg	
108-90-7	Chlorobenzene	ND	6.2	0.37	ug/kg	
75-00-3	Chloroethane	ND	6.2	0.84	ug/kg	
67-66-3	Chloroform	ND	6.2	0.57	ug/kg	
74-87-3	Chloromethane	ND	6.2	0.87	ug/kg	
95-49-8	o-Chlorotoluene	ND	6.2	0.36	ug/kg	
106-43-4	p-Chlorotoluene	ND	6.2	0.45	ug/kg	
96-12-8	1,2-Dibromo-3-chloropropane	ND	12	1.9	ug/kg	
124-48-1	Dibromochloromethane	ND	6.2	0.33	ug/kg	
106-93-4	1,2-Dibromoethane	ND	1.2	0.50	ug/kg	
95-50-1	1,2-Dichlorobenzene	ND	6.2	0.46	ug/kg	
541-73-1	1,3-Dichlorobenzene	ND	6.2	0.37	ug/kg	
106-46-7	1,4-Dichlorobenzene	ND	6.2	0.39	ug/kg	
75-71-8	Dichlorodifluoromethane	ND	6.2	2.0	ug/kg	
75-34-3	1,1-Dichloroethane	ND	6.2	0.48	ug/kg	
107-06-2	1,2-Dichloroethane	ND	1.2	0.53	ug/kg	
75-35-4	1,1-Dichloroethene	ND	6.2	0.65	ug/kg	
156-59-2	cis-1,2-Dichloroethene	ND	6.2	0.45	ug/kg	
156-60-5	trans-1,2-Dichloroethene	ND	6.2	0.40	ug/kg	
78-87-5	1,2-Dichloropropane	ND	6.2	0.48	ug/kg	
142-28-9	1,3-Dichloropropane	ND	6.2	0.34	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:	MW-4 (1 FT)		
Lab Sample ID:	JA11802-5	**Date Sampled:**	02/06/09
Matrix:	SO - Soil	**Date Received:**	02/10/09
Method:	SW846 8260B	**Percent Solids:**	90.0
Project:	Via Verde, 700-730 Brook Avenue, Bronx, NY		

VOA 8260 List

CAS No.	Compound	Result	RL	MDL	Units	Q
594-20-7	2,2-Dichloropropane	ND	6.2	0.46	ug/kg	
563-58-6	1,1-Dichloropropene	ND	6.2	0.42	ug/kg	
10061-01-5	cis-1,3-Dichloropropene	ND	6.2	0.30	ug/kg	
10061-02-6	trans-1,3-Dichloropropene	ND	6.2	0.31	ug/kg	
100-41-4	Ethylbenzene	1.4	1.2	0.50	ug/kg	
87-68-3	Hexachlorobutadiene	ND	6.2	0.73	ug/kg	
98-82-8	Isopropylbenzene	ND	6.2	0.55	ug/kg	
99-87-6	p-Isopropyltoluene	ND	6.2	0.62	ug/kg	
1634-04-4	Methyl Tert Butyl Ether	ND	1.2	0.44	ug/kg	
108-10-1	4-Methyl-2-pentanone(MIBK)	ND	6.2	3.0	ug/kg	
74-95-3	Methylene bromide	ND	6.2	0.44	ug/kg	
75-09-2	Methylene chloride	ND	6.2	0.36	ug/kg	
91-20-3	Naphthalene	ND	6.2	0.60	ug/kg	
103-65-1	n-Propylbenzene	ND	6.2	0.59	ug/kg	
100-42-5	Styrene	ND	6.2	0.35	ug/kg	
630-20-6	1,1,1,2-Tetrachloroethane	ND	6.2	0.65	ug/kg	
79-34-5	1,1,2,2-Tetrachloroethane	ND	6.2	0.31	ug/kg	
127-18-4	Tetrachloroethene	0.82	6.2	0.58	ug/kg	J
108-88-3	Toluene	4.2	1.2	0.41	ug/kg	
87-61-6	1,2,3-Trichlorobenzene	ND	6.2	0.60	ug/kg	
120-82-1	1,2,4-Trichlorobenzene	ND	6.2	0.52	ug/kg	
71-55-6	1,1,1-Trichloroethane	ND	6.2	0.65	ug/kg	
79-00-5	1,1,2-Trichloroethane	ND	6.2	0.31	ug/kg	
79-01-6	Trichloroethene	ND	6.2	0.36	ug/kg	
75-69-4	Trichlorofluoromethane	ND	6.2	1.9	ug/kg	
96-18-4	1,2,3-Trichloropropane	ND	6.2	2.7	ug/kg	
95-63-6	1,2,4-Trimethylbenzene	ND	6.2	0.30	ug/kg	
108-67-8	1,3,5-Trimethylbenzene	ND	6.2	0.43	ug/kg	
75-01-4	Vinyl chloride	ND	6.2	0.78	ug/kg	
	m,p-Xylene	ND	2.5	0.37	ug/kg	
95-47-6	o-Xylene	ND	1.2	0.37	ug/kg	
1330-20-7	Xylene (total)	ND	2.5	0.37	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	110%		67-125%
17060-07-0	1,2-Dichloroethane-D4	127%		64-131%
2037-26-5	Toluene-D8	93%		73-124%
460-00-4	4-Bromofluorobenzene	96%		61-136%

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:	MW-4 (1 FT)		
Lab Sample ID:	JA11802-5	**Date Sampled:**	02/06/09
Matrix:	SO - Soil	**Date Received:**	02/10/09
Method:	SW846 8270C SW846 3550B	**Percent Solids:**	90.0
Project:	Via Verde, 700-730 Brook Avenue, Bronx, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	M62920.D	1	02/12/09	LP	02/11/09	OP36857	EM2265
Run #2							

	Initial Weight	Final Volume
Run #1	30.3 g	1.0 ml
Run #2		

ABN TCL List (CLP4.2 list)

CAS No.	Compound	Result	RL	MDL	Units	Q
95-57-8	2-Chlorophenol	ND	180	30	ug/kg	
59-50-7	4-Chloro-3-methyl phenol	ND	180	44	ug/kg	
120-83-2	2,4-Dichlorophenol	ND	180	38	ug/kg	
105-67-9	2,4-Dimethylphenol	ND	180	45	ug/kg	
51-28-5	2,4-Dinitrophenol	ND	730	400	ug/kg	
534-52-1	4,6-Dinitro-o-cresol	ND	730	39	ug/kg	
95-48-7	2-Methylphenol	ND	73	40	ug/kg	
	3&4-Methylphenol	ND	73	49	ug/kg	
88-75-5	2-Nitrophenol	ND	180	39	ug/kg	
100-02-7	4-Nitrophenol	ND	370	47	ug/kg	
87-86-5	Pentachlorophenol	ND	370	47	ug/kg	
108-95-2	Phenol	ND	73	28	ug/kg	
95-95-4	2,4,5-Trichlorophenol	ND	180	40	ug/kg	
88-06-2	2,4,6-Trichlorophenol	ND	180	49	ug/kg	
83-32-9	Acenaphthene	ND	37	19	ug/kg	
208-96-8	Acenaphthylene	ND	37	16	ug/kg	
98-86-2	Acetophenone	ND	180	18	ug/kg	
120-12-7	Anthracene	ND	37	16	ug/kg	
1912-24-9	Atrazine	ND	180	23	ug/kg	
56-55-3	Benzo(a)anthracene	37.7	37	22	ug/kg	
50-32-8	Benzo(a)pyrene	41.2	37	15	ug/kg	
205-99-2	Benzo(b)fluoranthene	60.1	37	20	ug/kg	
191-24-2	Benzo(g,h,i)perylene	43.1	37	18	ug/kg	
207-08-9	Benzo(k)fluoranthene	40.4	37	18	ug/kg	
101-55-3	4-Bromophenyl phenyl ether	ND	73	20	ug/kg	
85-68-7	Butyl benzyl phthalate	ND	73	18	ug/kg	
92-52-4	1,1'-Biphenyl	ND	73	18	ug/kg	
100-52-7	Benzaldehyde	ND	180	110	ug/kg	
91-58-7	2-Chloronaphthalene	ND	73	16	ug/kg	
106-47-8	4-Chloroaniline	ND	180	15	ug/kg	
86-74-8	Carbazole	ND	73	16	ug/kg	
105-60-2	Caprolactam	ND	73	29	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:	MW-4 (1 FT)		
Lab Sample ID:	JA11802-5	**Date Sampled:**	02/06/09
Matrix:	SO - Soil	**Date Received:**	02/10/09
Method:	SW846 8270C SW846 3550B	**Percent Solids:**	90.0
Project:	Via Verde, 700-730 Brook Avenue, Bronx, NY		

ABN TCL List (CLP4.2 list)

CAS No.	Compound	Result	RL	MDL	Units	Q
218-01-9	Chrysene	44.2	37	17	ug/kg	
111-91-1	bis(2-Chloroethoxy)methane	ND	73	18	ug/kg	
111-44-4	bis(2-Chloroethyl)ether	ND	73	17	ug/kg	
108-60-1	bis(2-Chloroisopropyl)ether	ND	73	19	ug/kg	
7005-72-3	4-Chlorophenyl phenyl ether	ND	73	24	ug/kg	
121-14-2	2,4-Dinitrotoluene	ND	73	20	ug/kg	
606-20-2	2,6-Dinitrotoluene	ND	73	17	ug/kg	
91-94-1	3,3'-Dichlorobenzidine	ND	180	63	ug/kg	
53-70-3	Dibenzo(a,h)anthracene	ND	37	17	ug/kg	
132-64-9	Dibenzofuran	ND	73	17	ug/kg	
84-74-2	Di-n-butyl phthalate	ND	73	23	ug/kg	
117-84-0	Di-n-octyl phthalate	ND	73	16	ug/kg	
84-66-2	Diethyl phthalate	ND	73	17	ug/kg	
131-11-3	Dimethyl phthalate	ND	73	17	ug/kg	
117-81-7	bis(2-Ethylhexyl)phthalate	ND	73	19	ug/kg	
206-44-0	Fluoranthene	59.8	37	17	ug/kg	
86-73-7	Fluorene	ND	37	17	ug/kg	
118-74-1	Hexachlorobenzene	ND	73	21	ug/kg	
87-68-3	Hexachlorobutadiene	ND	37	18	ug/kg	
77-47-4	Hexachlorocyclopentadiene	ND	730	35	ug/kg	
67-72-1	Hexachloroethane	ND	180	24	ug/kg	
193-39-5	Indeno(1,2,3-cd)pyrene	40.1	37	14	ug/kg	
78-59-1	Isophorone	ND	73	32	ug/kg	
91-57-6	2-Methylnaphthalene	ND	73	16	ug/kg	
88-74-4	2-Nitroaniline	ND	180	27	ug/kg	
99-09-2	3-Nitroaniline	ND	180	15	ug/kg	
100-01-6	4-Nitroaniline	ND	180	23	ug/kg	
91-20-3	Naphthalene	ND	37	16	ug/kg	
98-95-3	Nitrobenzene	ND	73	17	ug/kg	
621-64-7	N-Nitroso-di-n-propylamine	ND	73	23	ug/kg	
86-30-6	N-Nitrosodiphenylamine	ND	180	25	ug/kg	
85-01-8	Phenanthrene	31.7	37	18	ug/kg	J
129-00-0	Pyrene	47.8	37	16	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
367-12-4	2-Fluorophenol	73%		29-114%
4165-62-2	Phenol-d5	76%		31-111%
118-79-6	2,4,6-Tribromophenol	79%		27-133%
4165-60-0	Nitrobenzene-d5	86%		36-116%

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:	MW-4 (1 FT)		
Lab Sample ID:	JA11802-5	**Date Sampled:**	02/06/09
Matrix:	SO - Soil	**Date Received:**	02/10/09
Method:	SW846 8270C SW846 3550B	**Percent Solids:**	90.0
Project:	Via Verde, 700-730 Brook Avenue, Bronx, NY		

ABN TCL List (CLP4.2 list)

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
321-60-8	2-Fluorobiphenyl	92%		44-111%
1718-51-0	Terphenyl-d14	81%		37-131%

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:	MW-4 (1 FT)		
Lab Sample ID:	JA11802-5	**Date Sampled:**	02/06/09
Matrix:	SO - Soil	**Date Received:**	02/10/09
Method:	SW846 8081A SW846 3545	**Percent Solids:**	90.0
Project:	Via Verde, 700-730 Brook Avenue, Bronx, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	OA51505.D	1	02/12/09	TDR	02/11/09	OP36858	GOA1857
Run #2							

	Initial Weight	Final Volume
Run #1	15.1 g	10.0 ml
Run #2		

Pesticide TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
309-00-2	Aldrin	ND	1.5	0.30	ug/kg	
319-84-6	alpha-BHC	ND	1.5	0.27	ug/kg	
319-85-7	beta-BHC	ND	1.5	0.49	ug/kg	
319-86-8	delta-BHC	ND	1.5	0.27	ug/kg	
58-89-9	gamma-BHC (Lindane)	ND	1.5	0.36	ug/kg	
5103-71-9	alpha-Chlordane	ND	1.5	0.45	ug/kg	
5103-74-2	gamma-Chlordane	ND	1.5	0.33	ug/kg	
60-57-1	Dieldrin	ND	1.5	0.29	ug/kg	
72-54-8	4,4'-DDD	ND	1.5	0.24	ug/kg	
72-55-9	4,4'-DDE	ND	1.5	0.37	ug/kg	
50-29-3	4,4'-DDT	ND	1.5	0.34	ug/kg	
72-20-8	Endrin	ND	1.5	0.32	ug/kg	
1031-07-8	Endosulfan sulfate	ND	1.5	0.31	ug/kg	
7421-93-4	Endrin aldehyde	ND	1.5	0.35	ug/kg	
959-98-8	Endosulfan-I	ND	1.5	0.30	ug/kg	
33213-65-9	Endosulfan-II	ND	1.5	0.49	ug/kg	
76-44-8	Heptachlor	ND	1.5	0.39	ug/kg	
1024-57-3	Heptachlor epoxide	ND	1.5	0.29	ug/kg	
72-43-5	Methoxychlor	ND	1.5	0.39	ug/kg	
53494-70-5	Endrin ketone	ND	1.5	0.29	ug/kg	
8001-35-2	Toxaphene	ND	18	14	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
877-09-8	Tetrachloro-m-xylene	72%		34-132%
877-09-8	Tetrachloro-m-xylene	72%		34-132%
2051-24-3	Decachlorobiphenyl	119%		25-146%
2051-24-3	Decachlorobiphenyl	150% [a]		25-146%

(a) Outside control limits possible due to matrix interference.

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:	MW-4 (1 FT)		
Lab Sample ID:	JA11802-5	**Date Sampled:**	02/06/09
Matrix:	SO - Soil	**Date Received:**	02/10/09
Method:	SW846 8082 SW846 3545	**Percent Solids:**	90.0
Project:	Via Verde, 700-730 Brook Avenue, Bronx, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	EF80730.D	1	02/12/09	VDT	02/11/09	OP36859	GEF3655
Run #2							

	Initial Weight	Final Volume
Run #1	15.1 g	10.0 ml
Run #2		

PCB List

CAS No.	Compound	Result	RL	MDL	Units	Q
12674-11-2	Aroclor 1016	ND	37	6.8	ug/kg	
11104-28-2	Aroclor 1221	ND	37	21	ug/kg	
11141-16-5	Aroclor 1232	ND	37	11	ug/kg	
53469-21-9	Aroclor 1242	ND	37	21	ug/kg	
12672-29-6	Aroclor 1248	ND	37	12	ug/kg	
11097-69-1	Aroclor 1254	ND	37	7.4	ug/kg	
11096-82-5	Aroclor 1260	ND	37	6.7	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
877-09-8	Tetrachloro-m-xylene	67%		33-141%
877-09-8	Tetrachloro-m-xylene	70%		33-141%
2051-24-3	Decachlorobiphenyl	113%		32-154%
2051-24-3	Decachlorobiphenyl	112%		32-154%

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: MW-4 (1 FT)
Lab Sample ID: JA11802-5
Matrix: SO - Soil
Project: Via Verde, 700-730 Brook Avenue, Bronx, NY

Date Sampled: 02/06/09
Date Received: 02/10/09
Percent Solids: 90.0

Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Aluminum	7140	21	mg/kg	1	02/13/09	02/13/09	ND	SW846 6010B [1]	SW846 3050B [4]
Antimony	< 2.1	2.1	mg/kg	1	02/13/09	02/13/09	ND	SW846 6010B [1]	SW846 3050B [4]
Arsenic	< 2.1	2.1	mg/kg	1	02/13/09	02/13/09	ND	SW846 6010B [1]	SW846 3050B [4]
Barium	43.7	21	mg/kg	1	02/13/09	02/13/09	ND	SW846 6010B [1]	SW846 3050B [4]
Beryllium	< 0.53	0.53	mg/kg	1	02/13/09	02/13/09	ND	SW846 6010B [1]	SW846 3050B [4]
Cadmium	< 0.53	0.53	mg/kg	1	02/13/09	02/17/09	GT	SW846 6010B [2]	SW846 3050B [4]
Calcium	3380	530	mg/kg	1	02/13/09	02/13/09	ND	SW846 6010B [1]	SW846 3050B [4]
Chromium	17.3	1.1	mg/kg	1	02/13/09	02/13/09	ND	SW846 6010B [1]	SW846 3050B [4]
Cobalt	6.5	5.3	mg/kg	1	02/13/09	02/17/09	GT	SW846 6010B [2]	SW846 3050B [4]
Copper	23.2	2.7	mg/kg	1	02/13/09	02/13/09	ND	SW846 6010B [1]	SW846 3050B [4]
Iron	13400	44	mg/kg	1	02/13/09	02/13/09	ND	SW846 6010B [1]	SW846 3050B [4]
Lead	9.1	2.1	mg/kg	1	02/13/09	02/13/09	ND	SW846 6010B [1]	SW846 3050B [4]
Magnesium	4130	530	mg/kg	1	02/13/09	02/13/09	ND	SW846 6010B [1]	SW846 3050B [4]
Manganese	270	1.6	mg/kg	1	02/13/09	02/13/09	ND	SW846 6010B [1]	SW846 3050B [4]
Mercury	< 0.033	0.033	mg/kg	1	02/20/09	02/20/09	JW	SW846 7471A [3]	SW846 7471A [5]
Nickel	14.6	4.3	mg/kg	1	02/13/09	02/13/09	ND	SW846 6010B [1]	SW846 3050B [4]
Potassium	1730	1100	mg/kg	1	02/13/09	02/13/09	ND	SW846 6010B [1]	SW846 3050B [4]
Selenium	< 2.1	2.1	mg/kg	1	02/13/09	02/13/09	ND	SW846 6010B [1]	SW846 3050B [4]
Silver	< 1.1	1.1	mg/kg	1	02/13/09	02/13/09	ND	SW846 6010B [1]	SW846 3050B [4]
Sodium	< 1100	1100	mg/kg	1	02/13/09	02/13/09	ND	SW846 6010B [1]	SW846 3050B [4]
Thallium	< 1.1	1.1	mg/kg	1	02/13/09	02/17/09	GT	SW846 6010B [2]	SW846 3050B [4]
Vanadium	22.5	5.3	mg/kg	1	02/13/09	02/13/09	ND	SW846 6010B [1]	SW846 3050B [4]
Zinc	38.1	2.1	mg/kg	1	02/13/09	02/17/09	GT	SW846 6010B [2]	SW846 3050B [4]

(1) Instrument QC Batch: MA22149
(2) Instrument QC Batch: MA22155
(3) Instrument QC Batch: MA22176
(4) Prep QC Batch: MP47199
(5) Prep QC Batch: MP47289

RL = Reporting Limit

Report of Analysis

Client Sample ID:	MW-4 (4 FT)		
Lab Sample ID:	JA11802-6	**Date Sampled:**	02/06/09
Matrix:	SO - Soil	**Date Received:**	02/10/09
Method:	SW846 8260B	**Percent Solids:**	89.0
Project:	Via Verde, 700-730 Brook Avenue, Bronx, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	G118135.D	1	02/20/09	SJM	n/a	n/a	VG5659
Run #2							

	Initial Weight
Run #1	4.5 g
Run #2	

VOA 8260 List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	ND	12	2.7	ug/kg	
71-43-2	Benzene	ND	1.2	0.44	ug/kg	
108-86-1	Bromobenzene	ND	6.2	0.43	ug/kg	
74-97-5	Bromochloromethane	ND	6.2	0.34	ug/kg	
75-27-4	Bromodichloromethane	ND	6.2	0.32	ug/kg	
75-25-2	Bromoform	ND	6.2	0.42	ug/kg	
74-83-9	Bromomethane	ND	6.2	1.1	ug/kg	
78-93-3	2-Butanone (MEK)	ND	12	2.8	ug/kg	
104-51-8	n-Butylbenzene	ND	6.2	2.2	ug/kg	
135-98-8	sec-Butylbenzene	ND	6.2	0.61	ug/kg	
98-06-6	tert-Butylbenzene	ND	6.2	0.35	ug/kg	
56-23-5	Carbon tetrachloride	ND	6.2	1.2	ug/kg	
108-90-7	Chlorobenzene	ND	6.2	0.37	ug/kg	
75-00-3	Chloroethane	ND	6.2	0.85	ug/kg	
67-66-3	Chloroform	ND	6.2	0.58	ug/kg	
74-87-3	Chloromethane	ND	6.2	0.88	ug/kg	
95-49-8	o-Chlorotoluene	ND	6.2	0.37	ug/kg	
106-43-4	p-Chlorotoluene	ND	6.2	0.45	ug/kg	
96-12-8	1,2-Dibromo-3-chloropropane	ND	12	1.9	ug/kg	
124-48-1	Dibromochloromethane	ND	6.2	0.34	ug/kg	
106-93-4	1,2-Dibromoethane	ND	1.2	0.50	ug/kg	
95-50-1	1,2-Dichlorobenzene	ND	6.2	0.46	ug/kg	
541-73-1	1,3-Dichlorobenzene	ND	6.2	0.38	ug/kg	
106-46-7	1,4-Dichlorobenzene	ND	6.2	0.39	ug/kg	
75-71-8	Dichlorodifluoromethane	ND	6.2	2.0	ug/kg	
75-34-3	1,1-Dichloroethane	ND	6.2	0.49	ug/kg	
107-06-2	1,2-Dichloroethane	ND	1.2	0.53	ug/kg	
75-35-4	1,1-Dichloroethene	ND	6.2	0.65	ug/kg	
156-59-2	cis-1,2-Dichloroethene	ND	6.2	0.45	ug/kg	
156-60-5	trans-1,2-Dichloroethene	ND	6.2	0.40	ug/kg	
78-87-5	1,2-Dichloropropane	ND	6.2	0.49	ug/kg	
142-28-9	1,3-Dichloropropane	ND	6.2	0.34	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:	MW-4 (4 FT)		
Lab Sample ID:	JA11802-6	**Date Sampled:**	02/06/09
Matrix:	SO - Soil	**Date Received:**	02/10/09
Method:	SW846 8260B	**Percent Solids:**	89.0
Project:	Via Verde, 700-730 Brook Avenue, Bronx, NY		

VOA 8260 List

CAS No.	Compound	Result	RL	MDL	Units	Q
594-20-7	2,2-Dichloropropane	ND	6.2	0.46	ug/kg	
563-58-6	1,1-Dichloropropene	ND	6.2	0.42	ug/kg	
10061-01-5	cis-1,3-Dichloropropene	ND	6.2	0.30	ug/kg	
10061-02-6	trans-1,3-Dichloropropene	ND	6.2	0.31	ug/kg	
100-41-4	Ethylbenzene	ND	1.2	0.51	ug/kg	
87-68-3	Hexachlorobutadiene	ND	6.2	0.74	ug/kg	
98-82-8	Isopropylbenzene	ND	6.2	0.56	ug/kg	
99-87-6	p-Isopropyltoluene	ND	6.2	0.62	ug/kg	
1634-04-4	Methyl Tert Butyl Ether	ND	1.2	0.44	ug/kg	
108-10-1	4-Methyl-2-pentanone(MIBK)	ND	6.2	3.0	ug/kg	
74-95-3	Methylene bromide	ND	6.2	0.45	ug/kg	
75-09-2	Methylene chloride	ND	6.2	0.36	ug/kg	
91-20-3	Naphthalene	ND	6.2	0.60	ug/kg	
103-65-1	n-Propylbenzene	ND	6.2	0.60	ug/kg	
100-42-5	Styrene	ND	6.2	0.36	ug/kg	
630-20-6	1,1,1,2-Tetrachloroethane	ND	6.2	0.66	ug/kg	
79-34-5	1,1,2,2-Tetrachloroethane	ND	6.2	0.32	ug/kg	
127-18-4	Tetrachloroethene	ND	6.2	0.58	ug/kg	
108-88-3	Toluene	ND	1.2	0.41	ug/kg	
87-61-6	1,2,3-Trichlorobenzene	ND	6.2	0.60	ug/kg	
120-82-1	1,2,4-Trichlorobenzene	ND	6.2	0.52	ug/kg	
71-55-6	1,1,1-Trichloroethane	ND	6.2	0.66	ug/kg	
79-00-5	1,1,2-Trichloroethane	ND	6.2	0.32	ug/kg	
79-01-6	Trichloroethene	ND	6.2	0.37	ug/kg	
75-69-4	Trichlorofluoromethane	ND	6.2	1.9	ug/kg	
96-18-4	1,2,3-Trichloropropane	ND	6.2	2.7	ug/kg	
95-63-6	1,2,4-Trimethylbenzene	ND	6.2	0.30	ug/kg	
108-67-8	1,3,5-Trimethylbenzene	ND	6.2	0.43	ug/kg	
75-01-4	Vinyl chloride	ND	6.2	0.79	ug/kg	
	m,p-Xylene	ND	2.5	0.37	ug/kg	
95-47-6	o-Xylene	ND	1.2	0.37	ug/kg	
1330-20-7	Xylene (total)	ND	2.5	0.37	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	97%		67-125%
17060-07-0	1,2-Dichloroethane-D4	96%		64-131%
2037-26-5	Toluene-D8	93%		73-124%
460-00-4	4-Bromofluorobenzene	98%		61-136%

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:	MW-4 (4 FT)		
Lab Sample ID:	JA11802-6	**Date Sampled:**	02/06/09
Matrix:	SO - Soil	**Date Received:**	02/10/09
Method:	SW846 8270C SW846 3550B	**Percent Solids:**	89.0
Project:	Via Verde, 700-730 Brook Avenue, Bronx, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	M62917.D	1	02/12/09	LP	02/11/09	OP36857	EM2265
Run #2							

	Initial Weight	Final Volume
Run #1	30.2 g	1.0 ml
Run #2		

ABN TCL List (CLP4.2 list)

CAS No.	Compound	Result	RL	MDL	Units	Q
95-57-8	2-Chlorophenol	ND	190	31	ug/kg	
59-50-7	4-Chloro-3-methyl phenol	ND	190	45	ug/kg	
120-83-2	2,4-Dichlorophenol	ND	190	39	ug/kg	
105-67-9	2,4-Dimethylphenol	ND	190	45	ug/kg	
51-28-5	2,4-Dinitrophenol	ND	740	400	ug/kg	
534-52-1	4,6-Dinitro-o-cresol	ND	740	39	ug/kg	
95-48-7	2-Methylphenol	ND	74	40	ug/kg	
	3&4-Methylphenol	ND	74	50	ug/kg	
88-75-5	2-Nitrophenol	ND	190	39	ug/kg	
100-02-7	4-Nitrophenol	ND	370	48	ug/kg	
87-86-5	Pentachlorophenol	ND	370	48	ug/kg	
108-95-2	Phenol	ND	74	28	ug/kg	
95-95-4	2,4,5-Trichlorophenol	ND	190	40	ug/kg	
88-06-2	2,4,6-Trichlorophenol	ND	190	49	ug/kg	
83-32-9	Acenaphthene	ND	37	20	ug/kg	
208-96-8	Acenaphthylene	ND	37	16	ug/kg	
98-86-2	Acetophenone	ND	190	18	ug/kg	
120-12-7	Anthracene	ND	37	17	ug/kg	
1912-24-9	Atrazine	ND	190	23	ug/kg	
56-55-3	Benzo(a)anthracene	ND	37	23	ug/kg	
50-32-8	Benzo(a)pyrene	ND	37	15	ug/kg	
205-99-2	Benzo(b)fluoranthene	ND	37	20	ug/kg	
191-24-2	Benzo(g,h,i)perylene	ND	37	18	ug/kg	
207-08-9	Benzo(k)fluoranthene	ND	37	19	ug/kg	
101-55-3	4-Bromophenyl phenyl ether	ND	74	20	ug/kg	
85-68-7	Butyl benzyl phthalate	ND	74	18	ug/kg	
92-52-4	1,1'-Biphenyl	ND	74	19	ug/kg	
100-52-7	Benzaldehyde	ND	190	110	ug/kg	
91-58-7	2-Chloronaphthalene	ND	74	17	ug/kg	
106-47-8	4-Chloroaniline	ND	190	15	ug/kg	
86-74-8	Carbazole	ND	74	16	ug/kg	
105-60-2	Caprolactam	ND	74	30	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:	MW-4 (4 FT)		
Lab Sample ID:	JA11802-6	**Date Sampled:**	02/06/09
Matrix:	SO - Soil	**Date Received:**	02/10/09
Method:	SW846 8270C SW846 3550B	**Percent Solids:**	89.0
Project:	Via Verde, 700-730 Brook Avenue, Bronx, NY		

ABN TCL List (CLP4.2 list)

CAS No.	Compound	Result	RL	MDL	Units	Q
218-01-9	Chrysene	ND	37	17	ug/kg	
111-91-1	bis(2-Chloroethoxy)methane	ND	74	19	ug/kg	
111-44-4	bis(2-Chloroethyl)ether	ND	74	18	ug/kg	
108-60-1	bis(2-Chloroisopropyl)ether	ND	74	19	ug/kg	
7005-72-3	4-Chlorophenyl phenyl ether	ND	74	25	ug/kg	
121-14-2	2,4-Dinitrotoluene	ND	74	20	ug/kg	
606-20-2	2,6-Dinitrotoluene	ND	74	17	ug/kg	
91-94-1	3,3'-Dichlorobenzidine	ND	190	64	ug/kg	
53-70-3	Dibenzo(a,h)anthracene	ND	37	18	ug/kg	
132-64-9	Dibenzofuran	ND	74	17	ug/kg	
84-74-2	Di-n-butyl phthalate	ND	74	23	ug/kg	
117-84-0	Di-n-octyl phthalate	ND	74	16	ug/kg	
84-66-2	Diethyl phthalate	ND	74	17	ug/kg	
131-11-3	Dimethyl phthalate	ND	74	18	ug/kg	
117-81-7	bis(2-Ethylhexyl)phthalate	ND	74	19	ug/kg	
206-44-0	Fluoranthene	ND	37	17	ug/kg	
86-73-7	Fluorene	ND	37	17	ug/kg	
118-74-1	Hexachlorobenzene	ND	74	21	ug/kg	
87-68-3	Hexachlorobutadiene	ND	37	18	ug/kg	
77-47-4	Hexachlorocyclopentadiene	ND	740	35	ug/kg	
67-72-1	Hexachloroethane	ND	190	24	ug/kg	
193-39-5	Indeno(1,2,3-cd)pyrene	ND	37	14	ug/kg	
78-59-1	Isophorone	ND	74	33	ug/kg	
91-57-6	2-Methylnaphthalene	ND	74	17	ug/kg	
88-74-4	2-Nitroaniline	ND	190	27	ug/kg	
99-09-2	3-Nitroaniline	ND	190	15	ug/kg	
100-01-6	4-Nitroaniline	ND	190	23	ug/kg	
91-20-3	Naphthalene	ND	37	16	ug/kg	
98-95-3	Nitrobenzene	ND	74	17	ug/kg	
621-64-7	N-Nitroso-di-n-propylamine	ND	74	23	ug/kg	
86-30-6	N-Nitrosodiphenylamine	ND	190	25	ug/kg	
85-01-8	Phenanthrene	ND	37	18	ug/kg	
129-00-0	Pyrene	ND	37	16	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
367-12-4	2-Fluorophenol	67%		29-114%
4165-62-2	Phenol-d5	68%		31-111%
118-79-6	2,4,6-Tribromophenol	72%		27-133%
4165-60-0	Nitrobenzene-d5	81%		36-116%

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:	MW-4 (4 FT)		
Lab Sample ID:	JA11802-6	**Date Sampled:**	02/06/09
Matrix:	SO - Soil	**Date Received:**	02/10/09
Method:	SW846 8270C SW846 3550B	**Percent Solids:**	89.0
Project:	Via Verde, 700-730 Brook Avenue, Bronx, NY		

ABN TCL List (CLP4.2 list)

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
321-60-8	2-Fluorobiphenyl	87%		44-111%
1718-51-0	Terphenyl-d14	79%		37-131%

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:	MW-4 (4 FT)		
Lab Sample ID:	JA11802-6	**Date Sampled:**	02/06/09
Matrix:	SO - Soil	**Date Received:**	02/10/09
Method:	SW846 8081A SW846 3545	**Percent Solids:**	89.0
Project:	Via Verde, 700-730 Brook Avenue, Bronx, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	OA51506.D	1	02/12/09	TDR	02/11/09	OP36858	GOA1857
Run #2							

	Initial Weight	Final Volume
Run #1	15.1 g	10.0 ml
Run #2		

Pesticide TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
309-00-2	Aldrin	ND	1.5	0.30	ug/kg	
319-84-6	alpha-BHC	ND	1.5	0.27	ug/kg	
319-85-7	beta-BHC	ND	1.5	0.50	ug/kg	
319-86-8	delta-BHC	ND	1.5	0.27	ug/kg	
58-89-9	gamma-BHC (Lindane)	ND	1.5	0.37	ug/kg	
5103-71-9	alpha-Chlordane	ND	1.5	0.46	ug/kg	
5103-74-2	gamma-Chlordane	ND	1.5	0.33	ug/kg	
60-57-1	Dieldrin	ND	1.5	0.29	ug/kg	
72-54-8	4,4'-DDD	ND	1.5	0.24	ug/kg	
72-55-9	4,4'-DDE	ND	1.5	0.37	ug/kg	
50-29-3	4,4'-DDT	ND	1.5	0.34	ug/kg	
72-20-8	Endrin	ND	1.5	0.32	ug/kg	
1031-07-8	Endosulfan sulfate	ND	1.5	0.32	ug/kg	
7421-93-4	Endrin aldehyde	ND	1.5	0.35	ug/kg	
959-98-8	Endosulfan-I	ND	1.5	0.30	ug/kg	
33213-65-9	Endosulfan-II	ND	1.5	0.49	ug/kg	
76-44-8	Heptachlor	ND	1.5	0.39	ug/kg	
1024-57-3	Heptachlor epoxide	ND	1.5	0.30	ug/kg	
72-43-5	Methoxychlor	ND	1.5	0.40	ug/kg	
53494-70-5	Endrin ketone	ND	1.5	0.30	ug/kg	
8001-35-2	Toxaphene	ND	19	14	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
877-09-8	Tetrachloro-m-xylene	100%		34-132%
877-09-8	Tetrachloro-m-xylene	98%		34-132%
2051-24-3	Decachlorobiphenyl	130%		25-146%
2051-24-3	Decachlorobiphenyl	152% [a]		25-146%

(a) Outside control limits possible due to matrix interference.

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:	MW-4 (4 FT)		
Lab Sample ID:	JA11802-6	**Date Sampled:**	02/06/09
Matrix:	SO - Soil	**Date Received:**	02/10/09
Method:	SW846 8082 SW846 3545	**Percent Solids:**	89.0
Project:	Via Verde, 700-730 Brook Avenue, Bronx, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	EF80731.D	1	02/12/09	VDT	02/11/09	OP36859	GEF3655
Run #2							

	Initial Weight	Final Volume
Run #1	15.1 g	10.0 ml
Run #2		

PCB List

CAS No.	Compound	Result	RL	MDL	Units	Q
12674-11-2	Aroclor 1016	ND	37	6.9	ug/kg	
11104-28-2	Aroclor 1221	ND	37	22	ug/kg	
11141-16-5	Aroclor 1232	ND	37	11	ug/kg	
53469-21-9	Aroclor 1242	ND	37	21	ug/kg	
12672-29-6	Aroclor 1248	ND	37	12	ug/kg	
11097-69-1	Aroclor 1254	ND	37	7.5	ug/kg	
11096-82-5	Aroclor 1260	ND	37	6.8	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
877-09-8	Tetrachloro-m-xylene	89%		33-141%
877-09-8	Tetrachloro-m-xylene	93%		33-141%
2051-24-3	Decachlorobiphenyl	122%		32-154%
2051-24-3	Decachlorobiphenyl	112%		32-154%

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:	MW-4 (4 FT)		
Lab Sample ID:	JA11802-6	**Date Sampled:**	02/06/09
Matrix:	SO - Soil	**Date Received:**	02/10/09
		Percent Solids:	89.0
Project:	Via Verde, 700-730 Brook Avenue, Bronx, NY		

Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Aluminum	5820	23	mg/kg	1	02/13/09	02/13/09	ND	SW846 6010B [1]	SW846 3050B [4]
Antimony	< 2.3	2.3	mg/kg	1	02/13/09	02/13/09	ND	SW846 6010B [1]	SW846 3050B [4]
Arsenic	< 2.3	2.3	mg/kg	1	02/13/09	02/13/09	ND	SW846 6010B [1]	SW846 3050B [4]
Barium	53.9	23	mg/kg	1	02/13/09	02/13/09	ND	SW846 6010B [1]	SW846 3050B [4]
Beryllium	< 0.57	0.57	mg/kg	1	02/13/09	02/13/09	ND	SW846 6010B [1]	SW846 3050B [4]
Cadmium	< 0.57	0.57	mg/kg	1	02/13/09	02/17/09	GT	SW846 6010B [2]	SW846 3050B [4]
Calcium	23200	570	mg/kg	1	02/13/09	02/13/09	ND	SW846 6010B [1]	SW846 3050B [4]
Chromium	14.8	1.1	mg/kg	1	02/13/09	02/13/09	ND	SW846 6010B [1]	SW846 3050B [4]
Cobalt	< 5.7	5.7	mg/kg	1	02/13/09	02/17/09	GT	SW846 6010B [2]	SW846 3050B [4]
Copper	16.9	2.8	mg/kg	1	02/13/09	02/13/09	ND	SW846 6010B [1]	SW846 3050B [4]
Iron	10900	44	mg/kg	1	02/13/09	02/13/09	ND	SW846 6010B [1]	SW846 3050B [4]
Lead	9.2	2.3	mg/kg	1	02/13/09	02/13/09	ND	SW846 6010B [1]	SW846 3050B [4]
Magnesium	13100	570	mg/kg	1	02/13/09	02/13/09	ND	SW846 6010B [1]	SW846 3050B [4]
Manganese	373	1.7	mg/kg	1	02/13/09	02/13/09	ND	SW846 6010B [1]	SW846 3050B [4]
Mercury	< 0.033	0.033	mg/kg	1	02/20/09	02/20/09	JW	SW846 7471A [3]	SW846 7471A [5]
Nickel	12.7	4.5	mg/kg	1	02/13/09	02/13/09	ND	SW846 6010B [1]	SW846 3050B [4]
Potassium	1710	1100	mg/kg	1	02/13/09	02/13/09	ND	SW846 6010B [1]	SW846 3050B [4]
Selenium	< 2.3	2.3	mg/kg	1	02/13/09	02/13/09	ND	SW846 6010B [1]	SW846 3050B [4]
Silver	< 1.1	1.1	mg/kg	1	02/13/09	02/13/09	ND	SW846 6010B [1]	SW846 3050B [4]
Sodium	< 1100	1100	mg/kg	1	02/13/09	02/13/09	ND	SW846 6010B [1]	SW846 3050B [4]
Thallium	< 1.1	1.1	mg/kg	1	02/13/09	02/17/09	GT	SW846 6010B [2]	SW846 3050B [4]
Vanadium	18.8	5.7	mg/kg	1	02/13/09	02/13/09	ND	SW846 6010B [1]	SW846 3050B [4]
Zinc	39.1	2.3	mg/kg	1	02/13/09	02/17/09	GT	SW846 6010B [2]	SW846 3050B [4]

(1) Instrument QC Batch: MA22149
(2) Instrument QC Batch: MA22155
(3) Instrument QC Batch: MA22176
(4) Prep QC Batch: MP47199
(5) Prep QC Batch: MP47289

RL = Reporting Limit

Report of Analysis

Client Sample ID:	MW-X (4 FT)		
Lab Sample ID:	JA11802-7	**Date Sampled:**	02/06/09
Matrix:	SO - Soil	**Date Received:**	02/10/09
Method:	SW846 8260B	**Percent Solids:**	89.0
Project:	Via Verde, 700-730 Brook Avenue, Bronx, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	G118136.D	1	02/20/09	SJM	n/a	n/a	VG5659
Run #2							

	Initial Weight
Run #1	4.5 g
Run #2	

VOA 8260 List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	ND	12	2.7	ug/kg	
71-43-2	Benzene	ND	1.2	0.44	ug/kg	
108-86-1	Bromobenzene	ND	6.2	0.43	ug/kg	
74-97-5	Bromochloromethane	ND	6.2	0.34	ug/kg	
75-27-4	Bromodichloromethane	ND	6.2	0.32	ug/kg	
75-25-2	Bromoform	ND	6.2	0.42	ug/kg	
74-83-9	Bromomethane	ND	6.2	1.1	ug/kg	
78-93-3	2-Butanone (MEK)	ND	12	2.8	ug/kg	
104-51-8	n-Butylbenzene	ND	6.2	2.2	ug/kg	
135-98-8	sec-Butylbenzene	ND	6.2	0.61	ug/kg	
98-06-6	tert-Butylbenzene	ND	6.2	0.35	ug/kg	
56-23-5	Carbon tetrachloride	ND	6.2	1.2	ug/kg	
108-90-7	Chlorobenzene	ND	6.2	0.37	ug/kg	
75-00-3	Chloroethane	ND	6.2	0.85	ug/kg	
67-66-3	Chloroform	ND	6.2	0.58	ug/kg	
74-87-3	Chloromethane	ND	6.2	0.88	ug/kg	
95-49-8	o-Chlorotoluene	ND	6.2	0.37	ug/kg	
106-43-4	p-Chlorotoluene	ND	6.2	0.45	ug/kg	
96-12-8	1,2-Dibromo-3-chloropropane	ND	12	1.9	ug/kg	
124-48-1	Dibromochloromethane	ND	6.2	0.34	ug/kg	
106-93-4	1,2-Dibromoethane	ND	1.2	0.50	ug/kg	
95-50-1	1,2-Dichlorobenzene	ND	6.2	0.46	ug/kg	
541-73-1	1,3-Dichlorobenzene	ND	6.2	0.38	ug/kg	
106-46-7	1,4-Dichlorobenzene	ND	6.2	0.39	ug/kg	
75-71-8	Dichlorodifluoromethane	ND	6.2	2.0	ug/kg	
75-34-3	1,1-Dichloroethane	ND	6.2	0.49	ug/kg	
107-06-2	1,2-Dichloroethane	ND	1.2	0.53	ug/kg	
75-35-4	1,1-Dichloroethene	ND	6.2	0.65	ug/kg	
156-59-2	cis-1,2-Dichloroethene	ND	6.2	0.45	ug/kg	
156-60-5	trans-1,2-Dichloroethene	ND	6.2	0.40	ug/kg	
78-87-5	1,2-Dichloropropane	ND	6.2	0.49	ug/kg	
142-28-9	1,3-Dichloropropane	ND	6.2	0.34	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:	MW-X (4 FT)		
Lab Sample ID:	JA11802-7	**Date Sampled:**	02/06/09
Matrix:	SO - Soil	**Date Received:**	02/10/09
Method:	SW846 8260B	**Percent Solids:**	89.0
Project:	Via Verde, 700-730 Brook Avenue, Bronx, NY		

VOA 8260 List

CAS No.	Compound	Result	RL	MDL	Units	Q
594-20-7	2,2-Dichloropropane	ND	6.2	0.46	ug/kg	
563-58-6	1,1-Dichloropropene	ND	6.2	0.42	ug/kg	
10061-01-5	cis-1,3-Dichloropropene	ND	6.2	0.30	ug/kg	
10061-02-6	trans-1,3-Dichloropropene	ND	6.2	0.31	ug/kg	
100-41-4	Ethylbenzene	ND	1.2	0.51	ug/kg	
87-68-3	Hexachlorobutadiene	ND	6.2	0.74	ug/kg	
98-82-8	Isopropylbenzene	ND	6.2	0.56	ug/kg	
99-87-6	p-Isopropyltoluene	ND	6.2	0.62	ug/kg	
1634-04-4	Methyl Tert Butyl Ether	ND	1.2	0.44	ug/kg	
108-10-1	4-Methyl-2-pentanone(MIBK)	ND	6.2	3.0	ug/kg	
74-95-3	Methylene bromide	ND	6.2	0.45	ug/kg	
75-09-2	Methylene chloride	ND	6.2	0.36	ug/kg	
91-20-3	Naphthalene	ND	6.2	0.60	ug/kg	
103-65-1	n-Propylbenzene	ND	6.2	0.60	ug/kg	
100-42-5	Styrene	ND	6.2	0.36	ug/kg	
630-20-6	1,1,1,2-Tetrachloroethane	ND	6.2	0.66	ug/kg	
79-34-5	1,1,2,2-Tetrachloroethane	ND	6.2	0.32	ug/kg	
127-18-4	Tetrachloroethene	ND	6.2	0.58	ug/kg	
108-88-3	Toluene	ND	1.2	0.41	ug/kg	
87-61-6	1,2,3-Trichlorobenzene	ND	6.2	0.60	ug/kg	
120-82-1	1,2,4-Trichlorobenzene	ND	6.2	0.52	ug/kg	
71-55-6	1,1,1-Trichloroethane	ND	6.2	0.66	ug/kg	
79-00-5	1,1,2-Trichloroethane	ND	6.2	0.32	ug/kg	
79-01-6	Trichloroethene	ND	6.2	0.37	ug/kg	
75-69-4	Trichlorofluoromethane	ND	6.2	1.9	ug/kg	
96-18-4	1,2,3-Trichloropropane	ND	6.2	2.7	ug/kg	
95-63-6	1,2,4-Trimethylbenzene	ND	6.2	0.30	ug/kg	
108-67-8	1,3,5-Trimethylbenzene	ND	6.2	0.43	ug/kg	
75-01-4	Vinyl chloride	ND	6.2	0.79	ug/kg	
	m,p-Xylene	ND	2.5	0.37	ug/kg	
95-47-6	o-Xylene	ND	1.2	0.37	ug/kg	
1330-20-7	Xylene (total)	ND	2.5	0.37	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	96%		67-125%
17060-07-0	1,2-Dichloroethane-D4	98%		64-131%
2037-26-5	Toluene-D8	93%		73-124%
460-00-4	4-Bromofluorobenzene	98%		61-136%

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:	MW-X (4 FT)		
Lab Sample ID:	JA11802-7	**Date Sampled:**	02/06/09
Matrix:	SO - Soil	**Date Received:**	02/10/09
Method:	SW846 8270C SW846 3550B	**Percent Solids:**	89.0
Project:	Via Verde, 700-730 Brook Avenue, Bronx, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	M62918.D	1	02/12/09	LP	02/11/09	OP36857	EM2265
Run #2							

	Initial Weight	Final Volume
Run #1	30.2 g	1.0 ml
Run #2		

ABN TCL List (CLP4.2 list)

CAS No.	Compound	Result	RL	MDL	Units	Q
95-57-8	2-Chlorophenol	ND	190	31	ug/kg	
59-50-7	4-Chloro-3-methyl phenol	ND	190	45	ug/kg	
120-83-2	2,4-Dichlorophenol	ND	190	39	ug/kg	
105-67-9	2,4-Dimethylphenol	ND	190	45	ug/kg	
51-28-5	2,4-Dinitrophenol	ND	740	400	ug/kg	
534-52-1	4,6-Dinitro-o-cresol	ND	740	39	ug/kg	
95-48-7	2-Methylphenol	ND	74	40	ug/kg	
	3&4-Methylphenol	ND	74	50	ug/kg	
88-75-5	2-Nitrophenol	ND	190	39	ug/kg	
100-02-7	4-Nitrophenol	ND	370	48	ug/kg	
87-86-5	Pentachlorophenol	ND	370	48	ug/kg	
108-95-2	Phenol	ND	74	28	ug/kg	
95-95-4	2,4,5-Trichlorophenol	ND	190	40	ug/kg	
88-06-2	2,4,6-Trichlorophenol	ND	190	49	ug/kg	
83-32-9	Acenaphthene	ND	37	20	ug/kg	
208-96-8	Acenaphthylene	ND	37	16	ug/kg	
98-86-2	Acetophenone	ND	190	18	ug/kg	
120-12-7	Anthracene	ND	37	17	ug/kg	
1912-24-9	Atrazine	ND	190	23	ug/kg	
56-55-3	Benzo(a)anthracene	ND	37	23	ug/kg	
50-32-8	Benzo(a)pyrene	ND	37	15	ug/kg	
205-99-2	Benzo(b)fluoranthene	21.9	37	20	ug/kg	J
191-24-2	Benzo(g,h,i)perylene	ND	37	18	ug/kg	
207-08-9	Benzo(k)fluoranthene	ND	37	19	ug/kg	
101-55-3	4-Bromophenyl phenyl ether	ND	74	20	ug/kg	
85-68-7	Butyl benzyl phthalate	ND	74	18	ug/kg	
92-52-4	1,1'-Biphenyl	ND	74	19	ug/kg	
100-52-7	Benzaldehyde	ND	190	110	ug/kg	
91-58-7	2-Chloronaphthalene	ND	74	17	ug/kg	
106-47-8	4-Chloroaniline	ND	190	15	ug/kg	
86-74-8	Carbazole	ND	74	16	ug/kg	
105-60-2	Caprolactam	ND	74	30	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:	MW-X (4 FT)		
Lab Sample ID:	JA11802-7	**Date Sampled:**	02/06/09
Matrix:	SO - Soil	**Date Received:**	02/10/09
Method:	SW846 8270C SW846 3550B	**Percent Solids:**	89.0
Project:	Via Verde, 700-730 Brook Avenue, Bronx, NY		

ABN TCL List (CLP4.2 list)

CAS No.	Compound	Result	RL	MDL	Units	Q
218-01-9	Chrysene	ND	37	17	ug/kg	
111-91-1	bis(2-Chloroethoxy)methane	ND	74	19	ug/kg	
111-44-4	bis(2-Chloroethyl)ether	ND	74	18	ug/kg	
108-60-1	bis(2-Chloroisopropyl)ether	ND	74	19	ug/kg	
7005-72-3	4-Chlorophenyl phenyl ether	ND	74	25	ug/kg	
121-14-2	2,4-Dinitrotoluene	ND	74	20	ug/kg	
606-20-2	2,6-Dinitrotoluene	ND	74	17	ug/kg	
91-94-1	3,3'-Dichlorobenzidine	ND	190	64	ug/kg	
53-70-3	Dibenzo(a,h)anthracene	ND	37	18	ug/kg	
132-64-9	Dibenzofuran	ND	74	17	ug/kg	
84-74-2	Di-n-butyl phthalate	ND	74	23	ug/kg	
117-84-0	Di-n-octyl phthalate	ND	74	16	ug/kg	
84-66-2	Diethyl phthalate	ND	74	17	ug/kg	
131-11-3	Dimethyl phthalate	ND	74	18	ug/kg	
117-81-7	bis(2-Ethylhexyl)phthalate	53.9	74	19	ug/kg	J
206-44-0	Fluoranthene	ND	37	17	ug/kg	
86-73-7	Fluorene	ND	37	17	ug/kg	
118-74-1	Hexachlorobenzene	ND	74	21	ug/kg	
87-68-3	Hexachlorobutadiene	ND	37	18	ug/kg	
77-47-4	Hexachlorocyclopentadiene	ND	740	35	ug/kg	
67-72-1	Hexachloroethane	ND	190	24	ug/kg	
193-39-5	Indeno(1,2,3-cd)pyrene	14.8	37	14	ug/kg	J
78-59-1	Isophorone	ND	74	33	ug/kg	
91-57-6	2-Methylnaphthalene	ND	74	17	ug/kg	
88-74-4	2-Nitroaniline	ND	190	27	ug/kg	
99-09-2	3-Nitroaniline	ND	190	15	ug/kg	
100-01-6	4-Nitroaniline	ND	190	23	ug/kg	
91-20-3	Naphthalene	ND	37	16	ug/kg	
98-95-3	Nitrobenzene	ND	74	17	ug/kg	
621-64-7	N-Nitroso-di-n-propylamine	ND	74	23	ug/kg	
86-30-6	N-Nitrosodiphenylamine	ND	190	25	ug/kg	
85-01-8	Phenanthrene	ND	37	18	ug/kg	
129-00-0	Pyrene	17.2	37	16	ug/kg	J

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
367-12-4	2-Fluorophenol	67%		29-114%
4165-62-2	Phenol-d5	71%		31-111%
118-79-6	2,4,6-Tribromophenol	72%		27-133%
4165-60-0	Nitrobenzene-d5	87%		36-116%

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:	MW-X (4 FT)		
Lab Sample ID:	JA11802-7	**Date Sampled:**	02/06/09
Matrix:	SO - Soil	**Date Received:**	02/10/09
Method:	SW846 8270C SW846 3550B	**Percent Solids:**	89.0
Project:	Via Verde, 700-730 Brook Avenue, Bronx, NY		

ABN TCL List (CLP4.2 list)

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
321-60-8	2-Fluorobiphenyl	89%		44-111%
1718-51-0	Terphenyl-d14	88%		37-131%

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:	MW-X (4 FT)		
Lab Sample ID:	JA11802-7	**Date Sampled:**	02/06/09
Matrix:	SO - Soil	**Date Received:**	02/10/09
Method:	SW846 8081A SW846 3545	**Percent Solids:**	89.0
Project:	Via Verde, 700-730 Brook Avenue, Bronx, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	OA51507.D	1	02/12/09	TDR	02/11/09	OP36858	GOA1857
Run #2							

	Initial Weight	Final Volume
Run #1	15.3 g	10.0 ml
Run #2		

Pesticide TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
309-00-2	Aldrin	ND	1.5	0.30	ug/kg	
319-84-6	alpha-BHC	ND	1.5	0.27	ug/kg	
319-85-7	beta-BHC	ND	1.5	0.49	ug/kg	
319-86-8	delta-BHC	ND	1.5	0.27	ug/kg	
58-89-9	gamma-BHC (Lindane)	ND	1.5	0.36	ug/kg	
5103-71-9	alpha-Chlordane	ND	1.5	0.45	ug/kg	
5103-74-2	gamma-Chlordane	ND	1.5	0.33	ug/kg	
60-57-1	Dieldrin	ND	1.5	0.29	ug/kg	
72-54-8	4,4'-DDD	ND	1.5	0.24	ug/kg	
72-55-9	4,4'-DDE	ND	1.5	0.37	ug/kg	
50-29-3	4,4'-DDT	ND	1.5	0.34	ug/kg	
72-20-8	Endrin	ND	1.5	0.32	ug/kg	
1031-07-8	Endosulfan sulfate	ND	1.5	0.31	ug/kg	
7421-93-4	Endrin aldehyde	ND	1.5	0.35	ug/kg	
959-98-8	Endosulfan-I	ND	1.5	0.30	ug/kg	
33213-65-9	Endosulfan-II	ND	1.5	0.49	ug/kg	
76-44-8	Heptachlor	ND	1.5	0.39	ug/kg	
1024-57-3	Heptachlor epoxide	ND	1.5	0.29	ug/kg	
72-43-5	Methoxychlor	ND	1.5	0.39	ug/kg	
53494-70-5	Endrin ketone	ND	1.5	0.29	ug/kg	
8001-35-2	Toxaphene	ND	18	14	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
877-09-8	Tetrachloro-m-xylene	108%		34-132%
877-09-8	Tetrachloro-m-xylene	108%		34-132%
2051-24-3	Decachlorobiphenyl	131%		25-146%
2051-24-3	Decachlorobiphenyl	151% [a]		25-146%

(a) Outside control limits possible due to matrix interference.

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:	MW-X (4 FT)		
Lab Sample ID:	JA11802-7	**Date Sampled:**	02/06/09
Matrix:	SO - Soil	**Date Received:**	02/10/09
Method:	SW846 8082 SW846 3545	**Percent Solids:**	89.0
Project:	Via Verde, 700-730 Brook Avenue, Bronx, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	EF80732.D	1	02/13/09	VDT	02/11/09	OP36859	GEF3655
Run #2							

	Initial Weight	Final Volume
Run #1	15.3 g	10.0 ml
Run #2		

PCB List

CAS No.	Compound	Result	RL	MDL	Units	Q
12674-11-2	Aroclor 1016	ND	37	6.8	ug/kg	
11104-28-2	Aroclor 1221	ND	37	21	ug/kg	
11141-16-5	Aroclor 1232	ND	37	11	ug/kg	
53469-21-9	Aroclor 1242	ND	37	21	ug/kg	
12672-29-6	Aroclor 1248	ND	37	12	ug/kg	
11097-69-1	Aroclor 1254	ND	37	7.4	ug/kg	
11096-82-5	Aroclor 1260	ND	37	6.7	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
877-09-8	Tetrachloro-m-xylene	95%		33-141%
877-09-8	Tetrachloro-m-xylene	100%		33-141%
2051-24-3	Decachlorobiphenyl	118%		32-154%
2051-24-3	Decachlorobiphenyl	111%		32-154%

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: MW-X (4 FT)
Lab Sample ID: JA11802-7
Matrix: SO - Soil
Project: Via Verde, 700-730 Brook Avenue, Bronx, NY

Date Sampled: 02/06/09
Date Received: 02/10/09
Percent Solids: 89.0

Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Aluminum	6860	22	mg/kg	1	02/13/09	02/13/09	ND	SW846 6010B [1]	SW846 3050B [4]
Antimony	< 2.2	2.2	mg/kg	1	02/13/09	02/13/09	ND	SW846 6010B [1]	SW846 3050B [4]
Arsenic	< 2.2	2.2	mg/kg	1	02/13/09	02/13/09	ND	SW846 6010B [1]	SW846 3050B [4]
Barium	60.9	22	mg/kg	1	02/13/09	02/13/09	ND	SW846 6010B [1]	SW846 3050B [4]
Beryllium	< 0.56	0.56	mg/kg	1	02/13/09	02/13/09	ND	SW846 6010B [1]	SW846 3050B [4]
Cadmium	< 0.56	0.56	mg/kg	1	02/13/09	02/17/09	GT	SW846 6010B [2]	SW846 3050B [4]
Calcium	31800	560	mg/kg	1	02/13/09	02/13/09	ND	SW846 6010B [1]	SW846 3050B [4]
Chromium	14.9	1.1	mg/kg	1	02/13/09	02/13/09	ND	SW846 6010B [1]	SW846 3050B [4]
Cobalt	5.7	5.6	mg/kg	1	02/13/09	02/17/09	GT	SW846 6010B [2]	SW846 3050B [4]
Copper	16.7	2.8	mg/kg	1	02/13/09	02/13/09	ND	SW846 6010B [1]	SW846 3050B [4]
Iron	11200	44	mg/kg	1	02/13/09	02/13/09	ND	SW846 6010B [1]	SW846 3050B [4]
Lead	4.5	2.2	mg/kg	1	02/13/09	02/13/09	ND	SW846 6010B [1]	SW846 3050B [4]
Magnesium	18900	560	mg/kg	1	02/13/09	02/13/09	ND	SW846 6010B [1]	SW846 3050B [4]
Manganese	354	1.7	mg/kg	1	02/13/09	02/13/09	ND	SW846 6010B [1]	SW846 3050B [4]
Mercury	< 0.033	0.033	mg/kg	1	02/20/09	02/20/09	JW	SW846 7471A [3]	SW846 7471A [5]
Nickel	13.8	4.5	mg/kg	1	02/13/09	02/13/09	ND	SW846 6010B [1]	SW846 3050B [4]
Potassium	1890	1100	mg/kg	1	02/13/09	02/13/09	ND	SW846 6010B [1]	SW846 3050B [4]
Selenium	< 2.2	2.2	mg/kg	1	02/13/09	02/13/09	ND	SW846 6010B [1]	SW846 3050B [4]
Silver	< 1.1	1.1	mg/kg	1	02/13/09	02/13/09	ND	SW846 6010B [1]	SW846 3050B [4]
Sodium	< 1100	1100	mg/kg	1	02/13/09	02/13/09	ND	SW846 6010B [1]	SW846 3050B [4]
Thallium	< 1.1	1.1	mg/kg	1	02/13/09	02/17/09	GT	SW846 6010B [2]	SW846 3050B [4]
Vanadium	20.6	5.6	mg/kg	1	02/13/09	02/13/09	ND	SW846 6010B [1]	SW846 3050B [4]
Zinc	37.7	2.2	mg/kg	1	02/13/09	02/17/09	GT	SW846 6010B [2]	SW846 3050B [4]

(1) Instrument QC Batch: MA22149
(2) Instrument QC Batch: MA22155
(3) Instrument QC Batch: MA22176
(4) Prep QC Batch: MP47199
(5) Prep QC Batch: MP47289

RL = Reporting Limit

Report of Analysis

Client Sample ID:	MW-1 (1-2 FT)		
Lab Sample ID:	JA11802-8	**Date Sampled:**	02/09/09
Matrix:	SO - Soil	**Date Received:**	02/10/09
Method:	SW846 8082 SW846 3545	**Percent Solids:**	87.4
Project:	Via Verde, 700-730 Brook Avenue, Bronx, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	EF80733.D	1	02/13/09	VDT	02/11/09	OP36859	GEF3655
Run #2							

	Initial Weight	Final Volume
Run #1	15.0 g	10.0 ml
Run #2		

PCB List

CAS No.	Compound	Result	RL	MDL	Units	Q
12674-11-2	Aroclor 1016	ND	38	7.0	ug/kg	
11104-28-2	Aroclor 1221	ND	38	22	ug/kg	
11141-16-5	Aroclor 1232	ND	38	11	ug/kg	
53469-21-9	Aroclor 1242	ND	38	21	ug/kg	
12672-29-6	Aroclor 1248	ND	38	12	ug/kg	
11097-69-1	Aroclor 1254	ND	38	7.7	ug/kg	
11096-82-5	Aroclor 1260	67.4	38	7.0	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
877-09-8	Tetrachloro-m-xylene	98%		33-141%
877-09-8	Tetrachloro-m-xylene	102%		33-141%
2051-24-3	Decachlorobiphenyl	107%		32-154%
2051-24-3	Decachlorobiphenyl	104%		32-154%

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:	MW-1 (13 FT)		
Lab Sample ID:	JA11802-9	**Date Sampled:**	02/09/09
Matrix:	SO - Soil	**Date Received:**	02/10/09
Method:	SW846 8082 SW846 3545	**Percent Solids:**	86.5
Project:	Via Verde, 700-730 Brook Avenue, Bronx, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	EF80734.D	1	02/13/09	VDT	02/11/09	OP36859	GEF3655
Run #2							

	Initial Weight	Final Volume
Run #1	15.0 g	10.0 ml
Run #2		

PCB List

CAS No.	Compound	Result	RL	MDL	Units	Q
12674-11-2	Aroclor 1016	ND	39	7.1	ug/kg	
11104-28-2	Aroclor 1221	ND	39	22	ug/kg	
11141-16-5	Aroclor 1232	ND	39	11	ug/kg	
53469-21-9	Aroclor 1242	ND	39	22	ug/kg	
12672-29-6	Aroclor 1248	ND	39	12	ug/kg	
11097-69-1	Aroclor 1254	ND	39	7.8	ug/kg	
11096-82-5	Aroclor 1260	72.7	39	7.0	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
877-09-8	Tetrachloro-m-xylene	98%		33-141%
877-09-8	Tetrachloro-m-xylene	101%		33-141%
2051-24-3	Decachlorobiphenyl	102%		32-154%
2051-24-3	Decachlorobiphenyl	126%		32-154%

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:	FB 2/9		
Lab Sample ID:	JA11802-10	**Date Sampled:**	02/09/09
Matrix:	AQ - Field Blank Soil	**Date Received:**	02/10/09
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	Via Verde, 700-730 Brook Avenue, Bronx, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	3B43218.D	1	02/20/09	NMC	n/a	n/a	V3B1993
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

VOA 8260 List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	ND	10	2.1	ug/l	
71-43-2	Benzene	ND	1.0	0.26	ug/l	
108-86-1	Bromobenzene	ND	5.0	0.18	ug/l	
74-97-5	Bromochloromethane	ND	5.0	0.24	ug/l	
75-27-4	Bromodichloromethane	ND	1.0	0.14	ug/l	
75-25-2	Bromoform	ND	4.0	0.18	ug/l	
74-83-9	Bromomethane	ND	2.0	0.32	ug/l	
78-93-3	2-Butanone (MEK)	ND	10	2.3	ug/l	
104-51-8	n-Butylbenzene	ND	5.0	0.61	ug/l	
135-98-8	sec-Butylbenzene	ND	5.0	0.27	ug/l	
98-06-6	tert-Butylbenzene	ND	5.0	0.15	ug/l	
56-23-5	Carbon tetrachloride	ND	1.0	0.18	ug/l	
108-90-7	Chlorobenzene	ND	1.0	0.19	ug/l	
75-00-3	Chloroethane	ND	1.0	0.22	ug/l	
67-66-3	Chloroform	ND	1.0	0.16	ug/l	
74-87-3	Chloromethane	ND	1.0	0.29	ug/l	
95-49-8	o-Chlorotoluene	ND	5.0	0.55	ug/l	
106-43-4	p-Chlorotoluene	ND	5.0	0.34	ug/l	
96-12-8	1,2-Dibromo-3-chloropropane	ND	10	1.3	ug/l	
124-48-1	Dibromochloromethane	ND	1.0	0.16	ug/l	
106-93-4	1,2-Dibromoethane	ND	2.0	0.18	ug/l	
95-50-1	1,2-Dichlorobenzene	ND	1.0	0.18	ug/l	
541-73-1	1,3-Dichlorobenzene	ND	1.0	0.26	ug/l	
106-46-7	1,4-Dichlorobenzene	ND	1.0	0.22	ug/l	
75-71-8	Dichlorodifluoromethane	ND	5.0	0.88	ug/l	
75-34-3	1,1-Dichloroethane	ND	1.0	0.24	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.35	ug/l	
75-35-4	1,1-Dichloroethene	ND	1.0	0.29	ug/l	
156-59-2	cis-1,2-Dichloroethene	ND	1.0	0.25	ug/l	
156-60-5	trans-1,2-Dichloroethene	ND	1.0	0.16	ug/l	
78-87-5	1,2-Dichloropropane	ND	1.0	0.18	ug/l	
142-28-9	1,3-Dichloropropane	ND	5.0	0.20	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:	FB 2/9		
Lab Sample ID:	JA11802-10	**Date Sampled:**	02/09/09
Matrix:	AQ - Field Blank Soil	**Date Received:**	02/10/09
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	Via Verde, 700-730 Brook Avenue, Bronx, NY		

VOA 8260 List

CAS No.	Compound	Result	RL	MDL	Units	Q
594-20-7	2,2-Dichloropropane	ND	5.0	0.19	ug/l	
563-58-6	1,1-Dichloropropene	ND	5.0	0.23	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND	1.0	0.18	ug/l	
10061-02-6	trans-1,3-Dichloropropene	ND	1.0	0.15	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.27	ug/l	
87-68-3	Hexachlorobutadiene	ND	5.0	0.23	ug/l	
98-82-8	Isopropylbenzene	ND	2.0	0.19	ug/l	
99-87-6	p-Isopropyltoluene	ND	5.0	0.25	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	0.16	ug/l	
108-10-1	4-Methyl-2-pentanone(MIBK)	ND	5.0	1.3	ug/l	
74-95-3	Methylene bromide	ND	5.0	0.18	ug/l	
75-09-2	Methylene chloride	ND	2.0	0.16	ug/l	
91-20-3	Naphthalene	ND	5.0	1.2	ug/l	
103-65-1	n-Propylbenzene	ND	5.0	0.18	ug/l	
100-42-5	Styrene	ND	5.0	0.17	ug/l	
630-20-6	1,1,1,2-Tetrachloroethane	ND	5.0	0.12	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0	0.13	ug/l	
127-18-4	Tetrachloroethene	ND	1.0	0.29	ug/l	
108-88-3	Toluene	ND	1.0	0.15	ug/l	
87-61-6	1,2,3-Trichlorobenzene	ND	5.0	1.2	ug/l	
120-82-1	1,2,4-Trichlorobenzene	ND	5.0	1.3	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	0.17	ug/l	
79-01-6	Trichloroethene	ND	1.0	0.18	ug/l	
75-69-4	Trichlorofluoromethane	ND	5.0	0.25	ug/l	
96-18-4	1,2,3-Trichloropropane	ND	5.0	1.3	ug/l	
95-63-6	1,2,4-Trimethylbenzene	ND	5.0	0.22	ug/l	
108-67-8	1,3,5-Trimethylbenzene	ND	5.0	0.58	ug/l	
75-01-4	Vinyl chloride	ND	1.0	0.21	ug/l	
	m,p-Xylene	ND	1.0	0.39	ug/l	
95-47-6	o-Xylene	ND	1.0	0.39	ug/l	
1330-20-7	Xylene (total)	ND	1.0	0.39	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	117%		72-120%
17060-07-0	1,2-Dichloroethane-D4	123%		59-137%
2037-26-5	Toluene-D8	112%		73-116%
460-00-4	4-Bromofluorobenzene	115%		69-126%

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:	FB 2/9		
Lab Sample ID:	JA11802-10	**Date Sampled:**	02/09/09
Matrix:	AQ - Field Blank Soil	**Date Received:**	02/10/09
Method:	SW846 8270C SW846 3510C	**Percent Solids:**	n/a
Project:	Via Verde, 700-730 Brook Avenue, Bronx, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	Z46787.D	1	02/11/09	VN	02/11/09	OP36854	EZ1679
Run #2							

	Initial Volume	Final Volume
Run #1	1000 ml	1.0 ml
Run #2		

ABN TCL List (CLP4.2 list)

CAS No.	Compound	Result	RL	MDL	Units	Q
95-57-8	2-Chlorophenol	ND	5.0	1.5	ug/l	
59-50-7	4-Chloro-3-methyl phenol	ND	5.0	2.3	ug/l	
120-83-2	2,4-Dichlorophenol	ND	5.0	1.9	ug/l	
105-67-9	2,4-Dimethylphenol	ND	5.0	2.0	ug/l	
51-28-5	2,4-Dinitrophenol	ND	20	4.2	ug/l	
534-52-1	4,6-Dinitro-o-cresol	ND	20	1.2	ug/l	
95-48-7	2-Methylphenol	ND	2.0	1.4	ug/l	
	3&4-Methylphenol	ND	2.0	1.5	ug/l	
88-75-5	2-Nitrophenol	ND	5.0	1.9	ug/l	
100-02-7	4-Nitrophenol	ND	10	2.3	ug/l	
87-86-5	Pentachlorophenol	ND	10	1.2	ug/l	
108-95-2	Phenol	ND	2.0	1.4	ug/l	
95-95-4	2,4,5-Trichlorophenol	ND	5.0	2.0	ug/l	
88-06-2	2,4,6-Trichlorophenol	ND	5.0	1.6	ug/l	
83-32-9	Acenaphthene	ND	1.0	0.38	ug/l	
208-96-8	Acenaphthylene	ND	1.0	0.54	ug/l	
98-86-2	Acetophenone	ND	5.0	0.47	ug/l	
120-12-7	Anthracene	ND	1.0	0.42	ug/l	
1912-24-9	Atrazine	ND	5.0	0.62	ug/l	
100-52-7	Benzaldehyde	ND	5.0	1.6	ug/l	
56-55-3	Benzo(a)anthracene	ND	1.0	0.38	ug/l	
50-32-8	Benzo(a)pyrene	ND	1.0	0.48	ug/l	
205-99-2	Benzo(b)fluoranthene	ND	1.0	0.53	ug/l	
191-24-2	Benzo(g,h,i)perylene	ND	1.0	0.46	ug/l	
207-08-9	Benzo(k)fluoranthene	ND	1.0	0.57	ug/l	
101-55-3	4-Bromophenyl phenyl ether	ND	2.0	0.41	ug/l	
85-68-7	Butyl benzyl phthalate	ND	2.0	0.42	ug/l	
92-52-4	1,1'-Biphenyl	ND	2.0	0.55	ug/l	
91-58-7	2-Chloronaphthalene	ND	5.0	0.48	ug/l	
106-47-8	4-Chloroaniline	ND	5.0	0.33	ug/l	
86-74-8	Carbazole	ND	2.0	0.45	ug/l	
105-60-2	Caprolactam	ND	2.0	0.63	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:	FB 2/9		
Lab Sample ID:	JA11802-10	**Date Sampled:**	02/09/09
Matrix:	AQ - Field Blank Soil	**Date Received:**	02/10/09
Method:	SW846 8270C SW846 3510C	**Percent Solids:**	n/a
Project:	Via Verde, 700-730 Brook Avenue, Bronx, NY		

ABN TCL List (CLP4.2 list)

CAS No.	Compound	Result	RL	MDL	Units	Q
218-01-9	Chrysene	ND	1.0	0.44	ug/l	
111-91-1	bis(2-Chloroethoxy)methane	ND	2.0	0.52	ug/l	
111-44-4	bis(2-Chloroethyl)ether	ND	2.0	0.49	ug/l	
108-60-1	bis(2-Chloroisopropyl)ether	ND	2.0	0.54	ug/l	
7005-72-3	4-Chlorophenyl phenyl ether	ND	2.0	0.45	ug/l	
121-14-2	2,4-Dinitrotoluene	ND	2.0	0.45	ug/l	
606-20-2	2,6-Dinitrotoluene	ND	2.0	0.60	ug/l	
91-94-1	3,3'-Dichlorobenzidine	ND	5.0	4.6	ug/l	
53-70-3	Dibenzo(a,h)anthracene	ND	1.0	0.45	ug/l	
132-64-9	Dibenzofuran	ND	5.0	0.49	ug/l	
84-74-2	Di-n-butyl phthalate	ND	2.0	0.50	ug/l	
117-84-0	Di-n-octyl phthalate	ND	2.0	0.50	ug/l	
84-66-2	Diethyl phthalate	ND	2.0	0.36	ug/l	
131-11-3	Dimethyl phthalate	ND	2.0	0.36	ug/l	
117-81-7	bis(2-Ethylhexyl)phthalate	ND	2.0	0.75	ug/l	
206-44-0	Fluoranthene	ND	1.0	0.40	ug/l	
86-73-7	Fluorene	ND	1.0	0.40	ug/l	
118-74-1	Hexachlorobenzene	ND	2.0	0.45	ug/l	
87-68-3	Hexachlorobutadiene	ND	1.0	0.38	ug/l	
77-47-4	Hexachlorocyclopentadiene	ND	20	4.5	ug/l	
67-72-1	Hexachloroethane	ND	5.0	0.30	ug/l	
193-39-5	Indeno(1,2,3-cd)pyrene	ND	1.0	0.42	ug/l	
78-59-1	Isophorone	ND	2.0	0.69	ug/l	
91-57-6	2-Methylnaphthalene	ND	2.0	0.43	ug/l	
88-74-4	2-Nitroaniline	ND	5.0	0.45	ug/l	
99-09-2	3-Nitroaniline	ND	5.0	0.45	ug/l	
100-01-6	4-Nitroaniline	ND	5.0	0.45	ug/l	
91-20-3	Naphthalene	ND	1.0	0.32	ug/l	
98-95-3	Nitrobenzene	ND	2.0	0.66	ug/l	
621-64-7	N-Nitroso-di-n-propylamine	ND	2.0	0.39	ug/l	
86-30-6	N-Nitrosodiphenylamine	ND	5.0	0.61	ug/l	
85-01-8	Phenanthrene	ND	1.0	0.34	ug/l	
129-00-0	Pyrene	ND	1.0	0.48	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
367-12-4	2-Fluorophenol	43%		10-69%
4165-62-2	Phenol-d5	30%		10-52%
118-79-6	2,4,6-Tribromophenol	101%		32-134%
4165-60-0	Nitrobenzene-d5	100%		23-116%

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:	FB 2/9		
Lab Sample ID:	JA11802-10	**Date Sampled:**	02/09/09
Matrix:	AQ - Field Blank Soil	**Date Received:**	02/10/09
Method:	SW846 8270C SW846 3510C	**Percent Solids:**	n/a
Project:	Via Verde, 700-730 Brook Avenue, Bronx, NY		

ABN TCL List (CLP4.2 list)

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
321-60-8	2-Fluorobiphenyl	88%		28-109%
1718-51-0	Terphenyl-d14	97%		24-125%

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:	FB 2/9		
Lab Sample ID:	JA11802-10	**Date Sampled:**	02/09/09
Matrix:	AQ - Field Blank Soil	**Date Received:**	02/10/09
Method:	SW846 8081A SW846 3510C	**Percent Solids:**	n/a
Project:	Via Verde, 700-730 Brook Avenue, Bronx, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	OA51497.D	1	02/12/09	TDR	02/11/09	OP36843	GOA1857
Run #2							

	Initial Volume	Final Volume
Run #1	1000 ml	10.0 ml
Run #2		

Pesticide TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
309-00-2	Aldrin	ND	0.020	0.0017	ug/l	
319-84-6	alpha-BHC	ND	0.020	0.00099	ug/l	
319-85-7	beta-BHC	ND	0.020	0.0035	ug/l	
319-86-8	delta-BHC	ND	0.020	0.0035	ug/l	
58-89-9	gamma-BHC (Lindane)	ND	0.020	0.0011	ug/l	
5103-71-9	alpha-Chlordane	ND	0.020	0.0020	ug/l	
5103-74-2	gamma-Chlordane	ND	0.020	0.0024	ug/l	
60-57-1	Dieldrin	ND	0.020	0.0014	ug/l	
72-54-8	4,4'-DDD	ND	0.020	0.0046	ug/l	
72-55-9	4,4'-DDE	ND	0.020	0.0013	ug/l	
50-29-3	4,4'-DDT	ND	0.020	0.0035	ug/l	
72-20-8	Endrin	ND	0.020	0.0031	ug/l	
1031-07-8	Endosulfan sulfate	ND	0.020	0.0026	ug/l	
7421-93-4	Endrin aldehyde	ND	0.020	0.0037	ug/l	
53494-70-5	Endrin ketone	ND	0.020	0.0026	ug/l	
959-98-8	Endosulfan-I	ND	0.020	0.0018	ug/l	
33213-65-9	Endosulfan-II	ND	0.020	0.0035	ug/l	
76-44-8	Heptachlor	ND	0.020	0.0020	ug/l	
1024-57-3	Heptachlor epoxide	ND	0.020	0.0016	ug/l	
72-43-5	Methoxychlor	ND	0.020	0.0068	ug/l	
8001-35-2	Toxaphene	ND	0.25	0.21	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
877-09-8	Tetrachloro-m-xylene	111%		24-127%
877-09-8	Tetrachloro-m-xylene	121%		24-127%
2051-24-3	Decachlorobiphenyl	85%		7-131%
2051-24-3	Decachlorobiphenyl	99%		7-131%

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:	FB 2/9		
Lab Sample ID:	JA11802-10	**Date Sampled:**	02/09/09
Matrix:	AQ - Field Blank Soil	**Date Received:**	02/10/09
Method:	SW846 8082 SW846 3510C	**Percent Solids:**	n/a
Project:	Via Verde, 700-730 Brook Avenue, Bronx, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	3G35303.D	1	02/13/09	TDR	02/11/09	OP36844	G3G1320
Run #2							

	Initial Volume	Final Volume
Run #1	1000 ml	10.0 ml
Run #2		

PCB List

CAS No.	Compound	Result	RL	MDL	Units	Q
12674-11-2	Aroclor 1016	ND	0.50	0.19	ug/l	
11104-28-2	Aroclor 1221	ND	0.50	0.31	ug/l	
11141-16-5	Aroclor 1232	ND	0.50	0.21	ug/l	
53469-21-9	Aroclor 1242	ND	0.50	0.089	ug/l	
12672-29-6	Aroclor 1248	ND	0.50	0.25	ug/l	
11097-69-1	Aroclor 1254	ND	0.50	0.11	ug/l	
11096-82-5	Aroclor 1260	ND	0.50	0.14	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
877-09-8	Tetrachloro-m-xylene	86%		30-140%
877-09-8	Tetrachloro-m-xylene	81%		30-140%
2051-24-3	Decachlorobiphenyl	66%		10-142%
2051-24-3	Decachlorobiphenyl	68%		10-142%

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: FB 2/9
Lab Sample ID: JA11802-10
Matrix: AQ - Field Blank Soil
Project: Via Verde, 700-730 Brook Avenue, Bronx, NY

Date Sampled: 02/09/09
Date Received: 02/10/09
Percent Solids: n/a

Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Aluminum	< 200	200	ug/l	1	02/12/09	02/13/09	GT	SW846 6010B [1]	SW846 3010A [3]
Antimony	< 6.0	6.0	ug/l	1	02/12/09	02/13/09	GT	SW846 6010B [1]	SW846 3010A [3]
Arsenic	< 3.0	3.0	ug/l	1	02/12/09	02/13/09	GT	SW846 6010B [1]	SW846 3010A [3]
Barium	< 200	200	ug/l	1	02/12/09	02/13/09	GT	SW846 6010B [1]	SW846 3010A [3]
Beryllium	< 1.0	1.0	ug/l	1	02/12/09	02/13/09	GT	SW846 6010B [1]	SW846 3010A [3]
Cadmium	< 3.0	3.0	ug/l	1	02/12/09	02/13/09	GT	SW846 6010B [1]	SW846 3010A [3]
Calcium	< 5000	5000	ug/l	1	02/12/09	02/13/09	GT	SW846 6010B [1]	SW846 3010A [3]
Chromium	< 10	10	ug/l	1	02/12/09	02/13/09	GT	SW846 6010B [1]	SW846 3010A [3]
Cobalt	< 50	50	ug/l	1	02/12/09	02/13/09	GT	SW846 6010B [1]	SW846 3010A [3]
Copper	< 10	10	ug/l	1	02/12/09	02/13/09	GT	SW846 6010B [1]	SW846 3010A [3]
Iron	< 100	100	ug/l	1	02/12/09	02/13/09	GT	SW846 6010B [1]	SW846 3010A [3]
Lead	< 3.0	3.0	ug/l	1	02/12/09	02/13/09	GT	SW846 6010B [1]	SW846 3010A [3]
Magnesium	< 5000	5000	ug/l	1	02/12/09	02/13/09	GT	SW846 6010B [1]	SW846 3010A [3]
Manganese	< 15	15	ug/l	1	02/12/09	02/13/09	GT	SW846 6010B [1]	SW846 3010A [3]
Mercury	< 0.20	0.20	ug/l	1	02/19/09	02/19/09	JW	SW846 7470A [2]	SW846 7470A [4]
Nickel	< 10	10	ug/l	1	02/12/09	02/13/09	GT	SW846 6010B [1]	SW846 3010A [3]
Potassium	< 10000	10000	ug/l	1	02/12/09	02/13/09	GT	SW846 6010B [1]	SW846 3010A [3]
Selenium	< 10	10	ug/l	1	02/12/09	02/13/09	GT	SW846 6010B [1]	SW846 3010A [3]
Silver	< 10	10	ug/l	1	02/12/09	02/13/09	GT	SW846 6010B [1]	SW846 3010A [3]
Sodium	< 10000	10000	ug/l	1	02/12/09	02/13/09	GT	SW846 6010B [1]	SW846 3010A [3]
Thallium	< 2.0	2.0	ug/l	1	02/12/09	02/13/09	GT	SW846 6010B [1]	SW846 3010A [3]
Vanadium	< 50	50	ug/l	1	02/12/09	02/13/09	GT	SW846 6010B [1]	SW846 3010A [3]
Zinc	< 20	20	ug/l	1	02/12/09	02/13/09	GT	SW846 6010B [1]	SW846 3010A [3]

(1) Instrument QC Batch: MA22151
(2) Instrument QC Batch: MA22172
(3) Prep QC Batch: MP47193
(4) Prep QC Batch: MP47276

RL = Reporting Limit

Misc. Forms

Custody Documents and Other Forms

Includes the following where applicable:

- Chain of Custody

ACCUTEST Laboratories

SD FB

CHAIN OF CUSTODY

PAGE 1 OF 1

2235 Route 130, Dayton, NJ 08810
TEL. 732-329-0200 FAX: 732-329-3499/3480
www.accutest.com

FED-EX Tracking #: | Bottle Order Control #:
Accutest Quote #: | Accutest Job #: JA11802

Client / Reporting Information

Company Name: CA Rich Inc
Street Address: 17 Dupont Street
City: Plainview State: NY Zip: 11803
Project Contact: Deborah Shapiro E-mail:
Phone #: 516)576-8844 Fax #:
Sampler(s) Name(s): Victoria Whelan Phone #:

Project Information

Project Name: Via Verde
Street: Brook Street
City: Bronx State: NY
Project #:
Client Purchase Order #: 5521a009-531
Project Manager: D. Shapiro

Billing Information (If different from Report to)

Company Name:
Street Address: Same
City: State: Zip:
Attention:

Requested Analysis (see TEST CODE sheet)

VOC 8260
SVOC 8270
Pest. 8081
PCB 8082
Metals TAL

Matrix Codes

DW - Drinking Water
GW - Ground Water
WW - Water
SW - Surface Water
SO - Soil
SL - Sludge
SED-Sediment
OI - Oil
LIQ - Other Liquid
AIR - Air
SOL - Other Solid
WP - Wipe
FB-Field Blank
EB-Equipment Blank
RB- Rinse Blank
TB-Trip Blank

Accutest Sample #	Field ID / Point of Collection	MEOH/DI Vial #	Collection Date	Collection Time	Sampled by	Matrix	# of bottles	HCl	NaOH	HNO3	H2SO4	NONE	DI Water	MEOH	ENCORE	LAB USE ONLY
	MW-5 (0-2in)		2/6/09	915	VW	S	2									EX17,
1	MS		2/6/09	915	VW	S	2									AMETH,
	MSD		2/6/09	915	VW	S	2									925
2	MW-5 (5ft)		2/6/09	930	VW	S	2									EX80
3	SB-1 (1ft)		2/6/09	920	VW	S	2									1905
4	SB-1 (2-4ft)		2/6/09	940	VW	S	2									
5	MW-4 (1ft)		2/6/09	1135	VW	S	2									
6	MW-4 (4ft)		2/6/09	1145	VW	S	2									
7	MW-X (4ft)		2/6/09	145	VW	S	2									
8	MW-1 (1-3ft)		2/9/09	1255	VW	S	1									
9	MW-1 (13ft)		2/9/09	130	VW	S	1									
10	FB 2/9		2/9/09	135	VW	W	6									

Turnaround Time (Business days)

- [X] Std. 15 Business Days
- [ ] Std. 10 Business Days (by Contract only)
- [ ] 10 Day *RUSH*
- [ ] 5 Day *RUSH*
- [ ] 3 Day *EMERGENCY*
- [ ] 2 Day *EMERGENCY*
- [ ] 1 Day *EMERGENCY*

Emergency & Rush T/A data available VIA Lablink

Approved By (Accutest PM): / Date:

Data Deliverable Information

- [ ] Commercial "A" (Level 1)
- [ ] Commercial "B" (Level 2)
- [ ] FULLT1 (Level 3+4)
- [ ] NJ Reduced
- [ ] Commercial "C"
- [ ] NYASP Category A
- [X] NYASP Category B
- [ ] State Forms
- [ ] EDD Format
- [ ] Other

Commercial "A" = Results Only
Commercial "B" = Results + QC Summary
NJ Reduced = Results + QC Summary + Partial Raw data

Comments / Special Instructions

Site Address is 700-~~350~~ Brook Ave, Bronx, NY
per Deborah Shapiro 2/10/09 (DS)

Sample Custody must be documented below each time samples change possession, including courier delivery.

	Relinquished by Sampler:	Date Time:	Received By:	Relinquished By:	Date Time:	Received By:
1		2/10/09 1200	1	2	2/10/09 1830	2
3			3	4		4
5			5			

Custody Seal # ____ [ ] Intact [ ] Not intact

Preserved where applicable: On Ice: Cooler Temp: 3.6°C

B

JA11802 COC

ACCUTEST

Sample Log-In Summary

Lab Name: ACCUTEST Page 1 of 1

Received by (Print Name): M Gizzi Log-in Date: 2/10/09

Received by (Signature): M Gizzi

Case Number: N/A
SDG Number:
SAS Number: N/A

REMARKS:

1. Custody Seal(s) Present/Absent* Intact/Broken
2. Custody Seal Numbers: NONE
3. Chain-of-Custody Records Present/Absent*
4. Contract Lab Sample Inform. Sheet (CLSIS) Present/Absent* N/A
5. Airbill Airbill/Sticker N/A Present/Absent*
6. Airbill No.: N/A
7. Sample Tags Sample Tag Nos. Present/Absent* N/A Listed/Not Listed on Chain-of-Custody N/A
8. Sample Condition Intact/Broken*/ Leaking
9. Does Information on custody rec., CLSIS, & sample tags agree COC + LABELS AGREE Yes/No*
10. Date received at Lab: 2/10/09
11. Time Received: 1830
12. Do aqueous VOC vials have headspace? Yes/No*
13. Are preserved voc soil samples fully immersed in preservative? Yes/No* N/A

	CORRESPONDING			
	NYSDEC SAMPLE #	SAMPLE TAG #	ASSIGNED LAB #	REMARKS: CONDITION OF SAMPLE SHIPMENT, ETC.
	N/A		JA11802 -	1 MS/MSD
	N/A		-	2
	N/A		-	3
	N/A		-	4
	N/A		-	5
	N/A		-	6
	N/A		-	7
	N/A		-	8
	N/A		-	9
	N/A		-	10 FB
	N/A			
	N/A			
	N/A		

Accutest Laboratories Sample Receipt Summary

Accutest Job Number: JA11802 **Client:** **Immediate Client Services Action Required:** No

Date / Time Received: 2/10/2009 **Delivery Method:** **Client Service Action Required at Login:** No

Project: **No. Coolers:** 1 **Airbill #'s:**

Cooler Security	Y	or	N		Y	or	N
1. Custody Seals Present:	☑		☐	3. COC Present:	☑		☐
2. Custody Seals Intact:	☑		☐	4. Smpl Dates/Time OK	☑		☐

Cooler Temperature	Y	or	N
1. Temp criteria achieved:	☑		☐
2. Cooler temp verification:	Infared gun		
3. Cooler media:	Ice (bag)		

Quality Control Preservatio	Y	or	N
1. Trip Blank present / cooler:	☑		☐
2. Trip Blank listed on COC:	☑		☐
3. Samples preserved properly:	☑		☐
4. VOCs headspace free:	☐		☐

Sample Integrity - Documentation	Y	or	N
1. Sample labels present on bottles:	☑		☐
2. Container labeling complete:	☑		☐
3. Sample container label / COC agree:	☑		☐

Sample Integrity - Condition	Y	or	N
1. Sample recvd within HT:	☑		☐
2. All containers accounted for:	☑		☐
3. Condition of sample:	Intact		

Sample Integrity - Instructions	Y	or	N
1. Analysis requested is clear:	☑		☐
2. Bottles received for unspecified tests	☐		☑
3. Sufficient volume recvd for analysis:	☑		☐
4. Compositing instructions clear:	☐		☐
5. Filtering instructions clear:	☐		☐

Comments

Accutest Laboratories
V:732.329.0200

2235 US Highway 130
F: 732.329.3499

Dayton, New Jersey
www/accutest.com

JA11802: Chain of Custody
Page 3 of 3

New Jersey ACCUTEST Laboratories

IT'S ALL IN THE CHEMISTRY

03/09/09



Technical Report for

C. A. Rich Consultants

Via Verde, 700-730 Brook Avenue, Bronx, NY

Accutest Job Number: JA12935

Sampling Date: 02/25/09

Report to:

C. A. Rich Consultants

dshapiro@carichinc.com

ATTN: Deborah Shapiro

Total number of pages in report: 77

ACCUTEST LABORATORIES 50 YEARS 1956-2006

ACCREDITED IN ACCORDANCE WITH nelac

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

David N. Speis
VP Ops, Laboratory Director

Client Service contact: Tony Esposito 732-329-0200

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

This report shall not be reproduced, except in its entirety, without the written approval of Accutest Laboratories.
Test results relate only to samples analyzed.

Note: This report is password protected to disallow document modification or assembly.
A password to unlock this report is available from your client service representative.

Sections: 1 2 3 4

Table of Contents

Section 1: Sample Summary **3**
Section 2: Case Narrative/Conformance Summary **5**
Section 3: Sample Results **9**
3.1: JA12935-1: MW-5 10
3.2: JA12935-1F: MW-5 18
3.3: JA12935-2: MW-4 19
3.4: JA12935-2F: MW-4 27
3.5: JA12935-3: MW-3 28
3.6: JA12935-3F: MW-3 36
3.7: JA12935-4: MW-2 37
3.8: JA12935-4F: MW-2 45
3.9: JA12935-5: MW-1 46
3.10: JA12935-5F: MW-1 54
3.11: JA12935-6: MW-X 55
3.12: JA12935-6F: MW-X 63
3.13: JA12935-7: TRIP BLANK 64
3.14: JA12935-8: FIELD BLANK 2/25 66
3.15: JA12935-8F: FIELD BLANK 2/25 74
Section 4: Misc. Forms **75**
4.1: Chain of Custody 76

Sample Summary

C. A. Rich Consultants

Job No: JA12935

Via Verde, 700-730 Brook Avenue, Bronx, NY

Sample Number	Collected Date	Time	By	Received	Matrix Code	Type	Client Sample ID
JA12935-1	02/25/09	10:25	VW	02/26/09	AQ	Ground Water	MW-5
JA12935-1D	02/25/09	10:25	VW	02/26/09	AQ	Water Dup/MSD	MW-5
JA12935-1F	02/25/09	10:25	VW	02/26/09	AQ	Groundwater Filtered	MW-5
JA12935-1FD	02/25/09	10:25	VW	02/26/09	AQ	Water Dup/MSD	MW-5
JA12935-1FS	02/25/09	10:25	VW	02/26/09	AQ	Water Matrix Spike	MW-5
JA12935-1S	02/25/09	10:25	VW	02/26/09	AQ	Water Matrix Spike	MW-5
JA12935-2	02/25/09	11:15	VW	02/26/09	AQ	Ground Water	MW-4
JA12935-2F	02/25/09	11:15	VW	02/26/09	AQ	Groundwater Filtered	MW-4
JA12935-3	02/25/09	11:45	VW	02/26/09	AQ	Ground Water	MW-3
JA12935-3F	02/25/09	11:45	VW	02/26/09	AQ	Groundwater Filtered	MW-3
JA12935-4	02/25/09	12:30	VW	02/26/09	AQ	Ground Water	MW-2
JA12935-4F	02/25/09	12:30	VW	02/26/09	AQ	Groundwater Filtered	MW-2
JA12935-5	02/25/09	12:00	VW	02/26/09	AQ	Ground Water	MW-1

Sample Summary
(continued)

C. A. Rich Consultants

Job No: JA12935

Via Verde, 700-730 Brook Avenue, Bronx, NY

Sample Number	Collected Date	Time	By	Received	Matrix Code	Type	Client Sample ID
JA12935-5F	02/25/09	12:00	VW	02/26/09	AQ	Groundwater Filtered	MW-1
JA12935-6	02/25/09	12:00	VW	02/26/09	AQ	Ground Water	MW-X
JA12935-6F	02/25/09	12:00	VW	02/26/09	AQ	Groundwater Filtered	MW-X
JA12935-7	02/25/09	12:30	VW	02/26/09	AQ	Trip Blank Water	TRIP BLANK
JA12935-8	02/25/09	10:40	VW	02/26/09	AQ	Field Blank Water	FIELD BLANK 2/25
JA12935-8F	02/25/09	10:40	VW	02/26/09	AQ	Field Blank Filtered	FIELD BLANK 2/25

CASE NARRATIVE / CONFORMANCE SUMMARY

Client:	C. A. Rich Consultants	**Job No**	JA12935
Site:	Via Verde, 700-730 Brook Avenue, Bronx, NY	**Report Date**	3/9/2009 2:32:07 PM

On 02/26/2009, 6 Sample(s), 1 Trip Blank(s) and 2 Field Blank(s) were received at Accutest Laboratories at a temperature of 3.5 C. Samples were intact and properly preserved, unless noted below. An Accutest Job Number of JA12935 was assigned to the project. Laboratory sample ID, client sample ID and dates of sample collection are detailed in the report's Results Summary Section.

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

Volatiles by GCMS By Method SW846 8260B

Matrix: AQ **Batch ID:** V2B2417

- All samples were analyzed within the recommended method holding time.
- All method blanks for this batch meet method specific criteria.
- Sample(s) JA12935-1MS, JA12935-1MSD were used as the QC samples indicated.

Extractables by GCMS By Method SW846 8270C

Matrix: AQ **Batch ID:** OP37066

- All samples were extracted within the recommended method holding time.
- All samples were analyzed within the recommended method holding time.
- Sample(s) JA12935-1MS, JA12935-1MSD were used as the QC samples indicated.
- Sample(s) JA12935-1, JA12935-2, JA12935-3, JA12935-4, JA12935-8 have compound(s) reported with a "B" qualifier, indicating analyte is found in the associated method blank.
- Sample(s) OP37066-MS, OP37066-MSD have surrogates outside control limits. Probable cause due to matrix interference.
- OP37066-MS for Phenol-d5: Outside of in house control limits, but within reasonable method recovery limits.
- OP37066-MS for 2-Fluorophenol: Outside of in house control limits, but within reasonable method recovery limits.
- OP37066-MSD for Phenol-d5: Outside of in house control limits, but within reasonable method recovery limits.

Extractables by GC By Method SW846 8081A

Matrix: AQ **Batch ID:** OP37071

- All samples were extracted within the recommended method holding time.
- All samples were analyzed within the recommended method holding time.
- All method blanks for this batch meet method specific criteria.
- Sample(s) JA12935-1MSD, OP37071-MSMSD, JA12935-1MSD were used as the QC samples indicated.
- RPD(s) for MSD for Dieldrin are outside control limits for sample OP37071-MSD. Probable cause due to sample homogeneity.
- OP37071-BS1 for 4,4'-DDD: Reported from 1st signal. %D of check on 2nd signal exceed method criteria (15%) so using for confirmation only.
- OP37071-BS1 for Endrin: Reported from 1st signal. %D of check on 2nd signal exceed method criteria (15%) so using for confirmation only.
- OP37071-MS for 4,4'-DDD: Double spiked.
- OP37071-MS for 4,4'-DDE: Double spiked.
- OP37071-MS for 4,4'-DDT: Double spiked.
- OP37071-MS for Aldrin: Double spiked.
- OP37071-MS for alpha-BHC: Double spiked.
- OP37071-MS for alpha-Chlordane: Double spiked.
- OP37071-MS for beta-BHC: Double spiked.
- OP37071-MS for Decachlorobiphenyl: Double spiked.
- OP37071-MS for Heptachlor: Double spiked.
- OP37071-MSD for Tetrachloro-m-xylene: Double spiked.
- OP37071-MSD for Decachlorobiphenyl: Double spiked.
- OP37071-MSD for Dieldrin: Analytical precision exceeds standard laboratory control limits.
- OP37071-MS for Tetrachloro-m-xylene: Double spiked.
- OP37071-MS for Methoxychlor: Double spiked.
- OP37071-MS for Heptachlor epoxide: Double spiked.
- OP37071-MS for delta-BHC: Double spiked.
- OP37071-MS for gamma-Chlordane: Double spiked.
- OP37071-MS for gamma-BHC (Lindane): Double spiked.
- OP37071-MS for Endrin ketone: Double spiked.
- OP37071-MS for Endrin aldehyde: Double spiked.
- OP37071-MS for Endrin: Double spiked.
- OP37071-MS for Endosulfan-II: Double spiked.
- OP37071-MS for Endosulfan-I: Double spiked.
- OP37071-MS for Endosulfan sulfate: Double spiked.
- OP37071-MS for Dieldrin: Double spiked.

Extractables by GC By Method SW846 8082

Matrix: AQ **Batch ID:** OP37070

- All samples were extracted within the recommended method holding time.
- All samples were analyzed within the recommended method holding time.
- All method blanks for this batch meet method specific criteria.
- Sample(s) JA12935-1MS, JA12935-1MSD, OP37070-MSMSD were used as the QC samples indicated.
- Matrix Spike Duplicate Recovery(s) for Aroclor 1016, Aroclor 1260 are outside control limits. Probable cause due to matrix interference.
- RPD(s) for MSD for Aroclor 1260 are outside control limits for sample OP37070-MSD. Probable cause due to sample homogeneity.
- OP37070-MSD for Aroclor 1260: Analytical precision exceeds standard laboratory control limits.
- JA12935-5 for Decachlorobiphenyl: Outside control limits due to matrix interference.

Metals By Method SW846 6010B

Matrix: AQ **Batch ID:** MP47374

- All samples were digested within the recommended method holding time.
- All samples were analyzed within the recommended method holding time.
- All method blanks for this batch meet method specific criteria.
- Sample(s) JA12935-1FMS, JA12935-1FMSD, JA12935-1FSDL, JA12935-1MS, JA12935-1MSD, JA12935-1SDL were used as the QC samples for metals.
- Matrix Spike Recovery(s) for Aluminum are outside control limits. Spike recovery indicates possible matrix interference.
- Matrix Spike Duplicate Recovery(s) for Aluminum are outside control limits. Spike recovery indicates possible matrix interference.
- RPD(s) for Serial Dilution for Chromium, Thallium, Aluminum, Copper, Iron, Lead, Nickel, Selenium, Zinc are outside control limits for sample MP47374-SD1, MP47374-SD2, MP47374-SD1. Percent difference acceptable due to low initial sample concentration (< 50 times IDL).
- MP47374-SD1 for Copper: Serial dilution indicates possible matrix interference.
- JA12935-6 for Beryllium: Elevated detection limit due to dilution required for high interfering element.
- JA12935-6 for Lead: Elevated detection limit due to dilution required for high interfering element.
- MP47374-SD1 for Zinc: Serial dilution indicates possible matrix interference.
- JA12935-5 for Lead: Elevated detection limit due to dilution required for high interfering element.

Metals By Method SW846 7470A

Matrix: AQ **Batch ID:** MP47392

- All samples were digested within the recommended method holding time.
- All samples were analyzed within the recommended method holding time.
- All method blanks for this batch meet method specific criteria.
- Sample(s) JA12935-1MS, JA12935-1MSD were used as the QC samples for metals.
- JA12935-6 for Mercury: Elevated sample detection limit due to difficult sample matrix.
- JA12935-5 for Mercury: Elevated sample detection limit due to difficult sample matrix.

Matrix: AQ **Batch ID:** MP47393

- All samples were digested within the recommended method holding time.
- All samples were analyzed within the recommended method holding time.
- All method blanks for this batch meet method specific criteria.
- Sample(s) JA12935-1FMS, JA12935-1FMSD were used as the QC samples for metals.

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

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

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

Sample Results

Report of Analysis

Report of Analysis

Client Sample ID:	MW-5		
Lab Sample ID:	JA12935-1	**Date Sampled:**	02/25/09
Matrix:	AQ - Ground Water	**Date Received:**	02/26/09
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	Via Verde, 700-730 Brook Avenue, Bronx, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	2B54488.D	1	03/02/09	MFH	n/a	n/a	V2B2417
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

VOA 8260 List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	ND	10	2.1	ug/l	
71-43-2	Benzene	ND	1.0	0.26	ug/l	
108-86-1	Bromobenzene	ND	5.0	0.18	ug/l	
74-97-5	Bromochloromethane	ND	5.0	0.24	ug/l	
75-27-4	Bromodichloromethane	ND	1.0	0.14	ug/l	
75-25-2	Bromoform	ND	4.0	0.18	ug/l	
74-83-9	Bromomethane	ND	2.0	0.32	ug/l	
78-93-3	2-Butanone (MEK)	ND	10	2.3	ug/l	
104-51-8	n-Butylbenzene	ND	5.0	0.61	ug/l	
135-98-8	sec-Butylbenzene	ND	5.0	0.27	ug/l	
98-06-6	tert-Butylbenzene	ND	5.0	0.15	ug/l	
56-23-5	Carbon tetrachloride	ND	1.0	0.18	ug/l	
108-90-7	Chlorobenzene	ND	1.0	0.19	ug/l	
75-00-3	Chloroethane	ND	1.0	0.22	ug/l	
67-66-3	Chloroform	1.1	1.0	0.16	ug/l	
74-87-3	Chloromethane	ND	1.0	0.29	ug/l	
95-49-8	o-Chlorotoluene	ND	5.0	0.55	ug/l	
106-43-4	p-Chlorotoluene	ND	5.0	0.34	ug/l	
96-12-8	1,2-Dibromo-3-chloropropane	ND	10	1.3	ug/l	
124-48-1	Dibromochloromethane	ND	1.0	0.16	ug/l	
106-93-4	1,2-Dibromoethane	ND	2.0	0.18	ug/l	
95-50-1	1,2-Dichlorobenzene	ND	1.0	0.18	ug/l	
541-73-1	1,3-Dichlorobenzene	ND	1.0	0.26	ug/l	
106-46-7	1,4-Dichlorobenzene	ND	1.0	0.22	ug/l	
75-71-8	Dichlorodifluoromethane	ND	5.0	0.88	ug/l	
75-34-3	1,1-Dichloroethane	ND	1.0	0.24	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.35	ug/l	
75-35-4	1,1-Dichloroethene	ND	1.0	0.29	ug/l	
156-59-2	cis-1,2-Dichloroethene	ND	1.0	0.25	ug/l	
156-60-5	trans-1,2-Dichloroethene	ND	1.0	0.16	ug/l	
78-87-5	1,2-Dichloropropane	ND	1.0	0.18	ug/l	
142-28-9	1,3-Dichloropropane	ND	5.0	0.20	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:	MW-5		
Lab Sample ID:	JA12935-1	**Date Sampled:**	02/25/09
Matrix:	AQ - Ground Water	**Date Received:**	02/26/09
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	Via Verde, 700-730 Brook Avenue, Bronx, NY		

VOA 8260 List

CAS No.	Compound	Result	RL	MDL	Units	Q
594-20-7	2,2-Dichloropropane	ND	5.0	0.19	ug/l	
563-58-6	1,1-Dichloropropene	ND	5.0	0.23	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND	1.0	0.18	ug/l	
10061-02-6	trans-1,3-Dichloropropene	ND	1.0	0.15	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.27	ug/l	
87-68-3	Hexachlorobutadiene	ND	5.0	0.23	ug/l	
98-82-8	Isopropylbenzene	ND	2.0	0.19	ug/l	
99-87-6	p-Isopropyltoluene	ND	5.0	0.25	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	0.16	ug/l	
108-10-1	4-Methyl-2-pentanone(MIBK)	ND	5.0	1.3	ug/l	
74-95-3	Methylene bromide	ND	5.0	0.18	ug/l	
75-09-2	Methylene chloride	ND	2.0	0.16	ug/l	
91-20-3	Naphthalene	ND	5.0	1.2	ug/l	
103-65-1	n-Propylbenzene	ND	5.0	0.18	ug/l	
100-42-5	Styrene	ND	5.0	0.17	ug/l	
630-20-6	1,1,1,2-Tetrachloroethane	ND	5.0	0.12	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0	0.13	ug/l	
127-18-4	Tetrachloroethene	ND	1.0	0.29	ug/l	
108-88-3	Toluene	ND	1.0	0.15	ug/l	
87-61-6	1,2,3-Trichlorobenzene	ND	5.0	1.2	ug/l	
120-82-1	1,2,4-Trichlorobenzene	ND	5.0	1.3	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	0.17	ug/l	
79-01-6	Trichloroethene	ND	1.0	0.18	ug/l	
75-69-4	Trichlorofluoromethane	ND	5.0	0.25	ug/l	
96-18-4	1,2,3-Trichloropropane	ND	5.0	1.3	ug/l	
95-63-6	1,2,4-Trimethylbenzene	ND	5.0	0.22	ug/l	
108-67-8	1,3,5-Trimethylbenzene	ND	5.0	0.58	ug/l	
75-01-4	Vinyl chloride	ND	1.0	0.21	ug/l	
	m,p-Xylene	ND	1.0	0.39	ug/l	
95-47-6	o-Xylene	ND	1.0	0.39	ug/l	
1330-20-7	Xylene (total)	ND	1.0	0.39	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	92%		72-120%
17060-07-0	1,2-Dichloroethane-D4	95%		59-137%
2037-26-5	Toluene-D8	92%		73-116%
460-00-4	4-Bromofluorobenzene	87%		69-126%

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:	MW-5		
Lab Sample ID:	JA12935-1	**Date Sampled:**	02/25/09
Matrix:	AQ - Ground Water	**Date Received:**	02/26/09
Method:	SW846 8270C SW846 3510C	**Percent Solids:**	n/a
Project:	Via Verde, 700-730 Brook Avenue, Bronx, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	R71305.D	1	03/02/09	VN	02/27/09	OP37066	ER2651
Run #2							

	Initial Volume	Final Volume
Run #1	930 ml	1.0 ml
Run #2		

ABN TCL List (CLP4.2 list)

CAS No.	Compound	Result	RL	MDL	Units	Q
95-57-8	2-Chlorophenol	ND	5.4	1.6	ug/l	
59-50-7	4-Chloro-3-methyl phenol	ND	5.4	2.5	ug/l	
120-83-2	2,4-Dichlorophenol	ND	5.4	2.1	ug/l	
105-67-9	2,4-Dimethylphenol	ND	5.4	2.1	ug/l	
51-28-5	2,4-Dinitrophenol	ND	22	4.5	ug/l	
534-52-1	4,6-Dinitro-o-cresol	ND	22	1.3	ug/l	
95-48-7	2-Methylphenol	ND	2.2	1.5	ug/l	
	3&4-Methylphenol	ND	2.2	1.6	ug/l	
88-75-5	2-Nitrophenol	ND	5.4	2.1	ug/l	
100-02-7	4-Nitrophenol	ND	11	2.4	ug/l	
87-86-5	Pentachlorophenol	ND	11	1.3	ug/l	
108-95-2	Phenol	ND	2.2	1.5	ug/l	
95-95-4	2,4,5-Trichlorophenol	ND	5.4	2.1	ug/l	
88-06-2	2,4,6-Trichlorophenol	ND	5.4	1.7	ug/l	
83-32-9	Acenaphthene	ND	1.1	0.41	ug/l	
208-96-8	Acenaphthylene	ND	1.1	0.58	ug/l	
98-86-2	Acetophenone	ND	5.4	0.50	ug/l	
120-12-7	Anthracene	ND	1.1	0.45	ug/l	
1912-24-9	Atrazine	ND	5.4	0.66	ug/l	
100-52-7	Benzaldehyde	ND	5.4	1.7	ug/l	
56-55-3	Benzo(a)anthracene	ND	1.1	0.41	ug/l	
50-32-8	Benzo(a)pyrene	ND	1.1	0.51	ug/l	
205-99-2	Benzo(b)fluoranthene	ND	1.1	0.56	ug/l	
191-24-2	Benzo(g,h,i)perylene	ND	1.1	0.49	ug/l	
207-08-9	Benzo(k)fluoranthene	ND	1.1	0.61	ug/l	
101-55-3	4-Bromophenyl phenyl ether	ND	2.2	0.44	ug/l	
85-68-7	Butyl benzyl phthalate	ND	2.2	0.45	ug/l	
92-52-4	1,1'-Biphenyl	ND	2.2	0.59	ug/l	
91-58-7	2-Chloronaphthalene	ND	5.4	0.52	ug/l	
106-47-8	4-Chloroaniline	ND	5.4	0.36	ug/l	
86-74-8	Carbazole	ND	2.2	0.48	ug/l	
105-60-2	Caprolactam	ND	2.2	0.67	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:	MW-5		
Lab Sample ID:	JA12935-1	**Date Sampled:**	02/25/09
Matrix:	AQ - Ground Water	**Date Received:**	02/26/09
Method:	SW846 8270C SW846 3510C	**Percent Solids:**	n/a
Project:	Via Verde, 700-730 Brook Avenue, Bronx, NY		

ABN TCL List (CLP4.2 list)

CAS No.	Compound	Result	RL	MDL	Units	Q
218-01-9	Chrysene	ND	1.1	0.47	ug/l	
111-91-1	bis(2-Chloroethoxy)methane	ND	2.2	0.56	ug/l	
111-44-4	bis(2-Chloroethyl)ether	ND	2.2	0.53	ug/l	
108-60-1	bis(2-Chloroisopropyl)ether	ND	2.2	0.58	ug/l	
7005-72-3	4-Chlorophenyl phenyl ether	ND	2.2	0.49	ug/l	
121-14-2	2,4-Dinitrotoluene	ND	2.2	0.49	ug/l	
606-20-2	2,6-Dinitrotoluene	ND	2.2	0.65	ug/l	
91-94-1	3,3'-Dichlorobenzidine	ND	5.4	4.9	ug/l	
53-70-3	Dibenzo(a,h)anthracene	ND	1.1	0.48	ug/l	
132-64-9	Dibenzofuran	ND	5.4	0.52	ug/l	
84-74-2	Di-n-butyl phthalate	ND	2.2	0.54	ug/l	
117-84-0	Di-n-octyl phthalate	ND	2.2	0.53	ug/l	
84-66-2	Diethyl phthalate	ND	2.2	0.39	ug/l	
131-11-3	Dimethyl phthalate	ND	2.2	0.39	ug/l	
117-81-7	bis(2-Ethylhexyl)phthalate	1.3	2.2	0.81	ug/l	JB
206-44-0	Fluoranthene	ND	1.1	0.43	ug/l	
86-73-7	Fluorene	ND	1.1	0.43	ug/l	
118-74-1	Hexachlorobenzene	ND	2.2	0.48	ug/l	
87-68-3	Hexachlorobutadiene	ND	1.1	0.40	ug/l	
77-47-4	Hexachlorocyclopentadiene	ND	22	4.9	ug/l	
67-72-1	Hexachloroethane	ND	5.4	0.32	ug/l	
193-39-5	Indeno(1,2,3-cd)pyrene	ND	1.1	0.45	ug/l	
78-59-1	Isophorone	ND	2.2	0.74	ug/l	
91-57-6	2-Methylnaphthalene	ND	2.2	0.47	ug/l	
88-74-4	2-Nitroaniline	ND	5.4	0.48	ug/l	
99-09-2	3-Nitroaniline	ND	5.4	0.48	ug/l	
100-01-6	4-Nitroaniline	ND	5.4	0.49	ug/l	
91-20-3	Naphthalene	ND	1.1	0.34	ug/l	
98-95-3	Nitrobenzene	ND	2.2	0.71	ug/l	
621-64-7	N-Nitroso-di-n-propylamine	ND	2.2	0.42	ug/l	
86-30-6	N-Nitrosodiphenylamine	ND	5.4	0.65	ug/l	
85-01-8	Phenanthrene	ND	1.1	0.36	ug/l	
129-00-0	Pyrene	ND	1.1	0.52	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
367-12-4	2-Fluorophenol	48%		10-69%
4165-62-2	Phenol-d5	30%		10-52%
118-79-6	2,4,6-Tribromophenol	78%		32-134%
4165-60-0	Nitrobenzene-d5	73%		23-116%

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:	MW-5		
Lab Sample ID:	JA12935-1	**Date Sampled:**	02/25/09
Matrix:	AQ - Ground Water	**Date Received:**	02/26/09
Method:	SW846 8270C SW846 3510C	**Percent Solids:**	n/a
Project:	Via Verde, 700-730 Brook Avenue, Bronx, NY		

ABN TCL List (CLP4.2 list)

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
321-60-8	2-Fluorobiphenyl	76%		28-109%
1718-51-0	Terphenyl-d14	67%		24-125%

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:	MW-5		
Lab Sample ID:	JA12935-1	**Date Sampled:**	02/25/09
Matrix:	AQ - Ground Water	**Date Received:**	02/26/09
Method:	SW846 8081A SW846 3510C	**Percent Solids:**	n/a
Project:	Via Verde, 700-730 Brook Avenue, Bronx, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	XX84676.D	1	03/02/09	JSE	02/27/09	OP37071	GXX3408
Run #2							

	Initial Volume	Final Volume
Run #1	1000 ml	10.0 ml
Run #2		

Pesticide TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
309-00-2	Aldrin	ND	0.020	0.0017	ug/l	
319-84-6	alpha-BHC	ND	0.020	0.00099	ug/l	
319-85-7	beta-BHC	ND	0.020	0.0035	ug/l	
319-86-8	delta-BHC	ND	0.020	0.0035	ug/l	
58-89-9	gamma-BHC (Lindane)	ND	0.020	0.0011	ug/l	
5103-71-9	alpha-Chlordane	ND	0.020	0.0020	ug/l	
5103-74-2	gamma-Chlordane	ND	0.020	0.0024	ug/l	
60-57-1	Dieldrin	ND	0.020	0.0014	ug/l	
72-54-8	4,4'-DDD	ND	0.020	0.0046	ug/l	
72-55-9	4,4'-DDE	ND	0.020	0.0013	ug/l	
50-29-3	4,4'-DDT	ND	0.020	0.0035	ug/l	
72-20-8	Endrin	ND	0.020	0.0031	ug/l	
1031-07-8	Endosulfan sulfate	ND	0.020	0.0026	ug/l	
7421-93-4	Endrin aldehyde	ND	0.020	0.0037	ug/l	
53494-70-5	Endrin ketone	ND	0.020	0.0026	ug/l	
959-98-8	Endosulfan-I	ND	0.020	0.0018	ug/l	
33213-65-9	Endosulfan-II	ND	0.020	0.0035	ug/l	
76-44-8	Heptachlor	ND	0.020	0.0020	ug/l	
1024-57-3	Heptachlor epoxide	ND	0.020	0.0016	ug/l	
72-43-5	Methoxychlor	ND	0.020	0.0068	ug/l	
8001-35-2	Toxaphene	ND	0.25	0.21	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
877-09-8	Tetrachloro-m-xylene	72%		24-127%
877-09-8	Tetrachloro-m-xylene	65%		24-127%
2051-24-3	Decachlorobiphenyl	45%		7-131%
2051-24-3	Decachlorobiphenyl	48%		7-131%

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:	MW-5		
Lab Sample ID:	JA12935-1	**Date Sampled:**	02/25/09
Matrix:	AQ - Ground Water	**Date Received:**	02/26/09
Method:	SW846 8082 SW846 3510C	**Percent Solids:**	n/a
Project:	Via Verde, 700-730 Brook Avenue, Bronx, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	AB79925.D	1	03/02/09	JSE	02/27/09	OP37070	GAB5224
Run #2							

	Initial Volume	Final Volume
Run #1	1000 ml	10.0 ml
Run #2		

PCB List

CAS No.	Compound	Result	RL	MDL	Units	Q
12674-11-2	Aroclor 1016	ND	0.50	0.19	ug/l	
11104-28-2	Aroclor 1221	ND	0.50	0.31	ug/l	
11141-16-5	Aroclor 1232	ND	0.50	0.21	ug/l	
53469-21-9	Aroclor 1242	ND	0.50	0.089	ug/l	
12672-29-6	Aroclor 1248	ND	0.50	0.25	ug/l	
11097-69-1	Aroclor 1254	ND	0.50	0.11	ug/l	
11096-82-5	Aroclor 1260	ND	0.50	0.14	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
877-09-8	Tetrachloro-m-xylene	133%		30-140%
877-09-8	Tetrachloro-m-xylene	114%		30-140%
2051-24-3	Decachlorobiphenyl	99%		10-142%
2051-24-3	Decachlorobiphenyl	97%		10-142%

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: MW-5
Lab Sample ID: JA12935-1
Matrix: AQ - Ground Water
Project: Via Verde, 700-730 Brook Avenue, Bronx, NY

Date Sampled: 02/25/09
Date Received: 02/26/09
Percent Solids: n/a

Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Aluminum	4970	200	ug/l	1	03/02/09	03/02/09	ND	SW846 6010B [1]	SW846 3010A [4]
Antimony	< 6.0	6.0	ug/l	1	03/02/09	03/02/09	ND	SW846 6010B [1]	SW846 3010A [4]
Arsenic	< 3.0	3.0	ug/l	1	03/02/09	03/02/09	ND	SW846 6010B [1]	SW846 3010A [4]
Barium	< 200	200	ug/l	1	03/02/09	03/02/09	ND	SW846 6010B [1]	SW846 3010A [4]
Beryllium	< 1.0	1.0	ug/l	1	03/02/09	03/02/09	ND	SW846 6010B [1]	SW846 3010A [4]
Cadmium	< 3.0	3.0	ug/l	1	03/02/09	03/02/09	ND	SW846 6010B [1]	SW846 3010A [4]
Calcium	103000	5000	ug/l	1	03/02/09	03/02/09	ND	SW846 6010B [1]	SW846 3010A [4]
Chromium	12.4	10	ug/l	1	03/02/09	03/02/09	ND	SW846 6010B [1]	SW846 3010A [4]
Cobalt	< 50	50	ug/l	1	03/02/09	03/02/09	ND	SW846 6010B [1]	SW846 3010A [4]
Copper	68.8	10	ug/l	1	03/02/09	03/02/09	ND	SW846 6010B [1]	SW846 3010A [4]
Iron	9180	100	ug/l	1	03/02/09	03/02/09	ND	SW846 6010B [1]	SW846 3010A [4]
Lead	8.0	3.0	ug/l	1	03/02/09	03/03/09	JF	SW846 6010B [3]	SW846 3010A [4]
Magnesium	29800	5000	ug/l	1	03/02/09	03/02/09	ND	SW846 6010B [1]	SW846 3010A [4]
Manganese	381	15	ug/l	1	03/02/09	03/02/09	ND	SW846 6010B [1]	SW846 3010A [4]
Mercury	< 0.20	0.20	ug/l	1	03/03/09	03/03/09	JW	SW846 7470A [2]	SW846 7470A [5]
Nickel	13.3	10	ug/l	1	03/02/09	03/02/09	ND	SW846 6010B [1]	SW846 3010A [4]
Potassium	< 10000	10000	ug/l	1	03/02/09	03/02/09	ND	SW846 6010B [1]	SW846 3010A [4]
Selenium	< 10	10	ug/l	1	03/02/09	03/02/09	ND	SW846 6010B [1]	SW846 3010A [4]
Silver	< 10	10	ug/l	1	03/02/09	03/02/09	ND	SW846 6010B [1]	SW846 3010A [4]
Sodium	69800	10000	ug/l	1	03/02/09	03/02/09	ND	SW846 6010B [1]	SW846 3010A [4]
Thallium	< 10	10	ug/l	1	03/02/09	03/02/09	ND	SW846 6010B [1]	SW846 3010A [4]
Vanadium	< 50	50	ug/l	1	03/02/09	03/02/09	ND	SW846 6010B [1]	SW846 3010A [4]
Zinc	46.6	20	ug/l	1	03/02/09	03/02/09	ND	SW846 6010B [1]	SW846 3010A [4]

(1) Instrument QC Batch: MA22213
(2) Instrument QC Batch: MA22215
(3) Instrument QC Batch: MA22218
(4) Prep QC Batch: MP47374
(5) Prep QC Batch: MP47392

RL = Reporting Limit

Report of Analysis

Client Sample ID: MW-5
Lab Sample ID: JA12935-1F
Matrix: AQ - Groundwater Filtered
Project: Via Verde, 700-730 Brook Avenue, Bronx, NY

Date Sampled: 02/25/09
Date Received: 02/26/09
Percent Solids: n/a

Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Aluminum	< 200	200	ug/l	1	03/02/09	03/02/09	ND	SW846 6010B [1]	SW846 3010A [4]
Antimony	< 6.0	6.0	ug/l	1	03/02/09	03/02/09	ND	SW846 6010B [1]	SW846 3010A [4]
Arsenic	< 3.0	3.0	ug/l	1	03/02/09	03/02/09	ND	SW846 6010B [1]	SW846 3010A [4]
Barium	< 200	200	ug/l	1	03/02/09	03/02/09	ND	SW846 6010B [1]	SW846 3010A [4]
Beryllium	< 1.0	1.0	ug/l	1	03/02/09	03/02/09	ND	SW846 6010B [1]	SW846 3010A [4]
Cadmium	< 3.0	3.0	ug/l	1	03/02/09	03/02/09	ND	SW846 6010B [1]	SW846 3010A [4]
Calcium	100000	5000	ug/l	1	03/02/09	03/02/09	ND	SW846 6010B [1]	SW846 3010A [4]
Chromium	< 10	10	ug/l	1	03/02/09	03/02/09	ND	SW846 6010B [1]	SW846 3010A [4]
Cobalt	< 50	50	ug/l	1	03/02/09	03/02/09	ND	SW846 6010B [1]	SW846 3010A [4]
Copper	< 10	10	ug/l	1	03/02/09	03/02/09	ND	SW846 6010B [1]	SW846 3010A [4]
Iron	120	100	ug/l	1	03/02/09	03/02/09	ND	SW846 6010B [1]	SW846 3010A [4]
Lead	< 3.0	3.0	ug/l	1	03/02/09	03/03/09	JF	SW846 6010B [3]	SW846 3010A [4]
Magnesium	24800	5000	ug/l	1	03/02/09	03/02/09	ND	SW846 6010B [1]	SW846 3010A [4]
Manganese	21.6	15	ug/l	1	03/02/09	03/02/09	ND	SW846 6010B [1]	SW846 3010A [4]
Mercury	< 0.20	0.20	ug/l	1	03/03/09	03/03/09	JW	SW846 7470A [2]	SW846 7470A [5]
Nickel	< 10	10	ug/l	1	03/02/09	03/02/09	ND	SW846 6010B [1]	SW846 3010A [4]
Potassium	< 10000	10000	ug/l	1	03/02/09	03/02/09	ND	SW846 6010B [1]	SW846 3010A [4]
Selenium	< 10	10	ug/l	1	03/02/09	03/02/09	ND	SW846 6010B [1]	SW846 3010A [4]
Silver	< 10	10	ug/l	1	03/02/09	03/02/09	ND	SW846 6010B [1]	SW846 3010A [4]
Sodium	70800	10000	ug/l	1	03/02/09	03/02/09	ND	SW846 6010B [1]	SW846 3010A [4]
Thallium	< 10	10	ug/l	1	03/02/09	03/02/09	ND	SW846 6010B [1]	SW846 3010A [4]
Vanadium	< 50	50	ug/l	1	03/02/09	03/02/09	ND	SW846 6010B [1]	SW846 3010A [4]
Zinc	< 20	20	ug/l	1	03/02/09	03/02/09	ND	SW846 6010B [1]	SW846 3010A [4]

(1) Instrument QC Batch: MA22213
(2) Instrument QC Batch: MA22215
(3) Instrument QC Batch: MA22218
(4) Prep QC Batch: MP47374
(5) Prep QC Batch: MP47393

RL = Reporting Limit

Report of Analysis

Client Sample ID:	MW-4		
Lab Sample ID:	JA12935-2	**Date Sampled:**	02/25/09
Matrix:	AQ - Ground Water	**Date Received:**	02/26/09
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	Via Verde, 700-730 Brook Avenue, Bronx, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	2B54487.D	1	03/02/09	MFH	n/a	n/a	V2B2417
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

VOA 8260 List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	ND	10	2.1	ug/l	
71-43-2	Benzene	ND	1.0	0.26	ug/l	
108-86-1	Bromobenzene	ND	5.0	0.18	ug/l	
74-97-5	Bromochloromethane	ND	5.0	0.24	ug/l	
75-27-4	Bromodichloromethane	ND	1.0	0.14	ug/l	
75-25-2	Bromoform	ND	4.0	0.18	ug/l	
74-83-9	Bromomethane	ND	2.0	0.32	ug/l	
78-93-3	2-Butanone (MEK)	ND	10	2.3	ug/l	
104-51-8	n-Butylbenzene	ND	5.0	0.61	ug/l	
135-98-8	sec-Butylbenzene	ND	5.0	0.27	ug/l	
98-06-6	tert-Butylbenzene	ND	5.0	0.15	ug/l	
56-23-5	Carbon tetrachloride	ND	1.0	0.18	ug/l	
108-90-7	Chlorobenzene	ND	1.0	0.19	ug/l	
75-00-3	Chloroethane	ND	1.0	0.22	ug/l	
67-66-3	Chloroform	ND	1.0	0.16	ug/l	
74-87-3	Chloromethane	ND	1.0	0.29	ug/l	
95-49-8	o-Chlorotoluene	ND	5.0	0.55	ug/l	
106-43-4	p-Chlorotoluene	ND	5.0	0.34	ug/l	
96-12-8	1,2-Dibromo-3-chloropropane	ND	10	1.3	ug/l	
124-48-1	Dibromochloromethane	ND	1.0	0.16	ug/l	
106-93-4	1,2-Dibromoethane	ND	2.0	0.18	ug/l	
95-50-1	1,2-Dichlorobenzene	ND	1.0	0.18	ug/l	
541-73-1	1,3-Dichlorobenzene	ND	1.0	0.26	ug/l	
106-46-7	1,4-Dichlorobenzene	ND	1.0	0.22	ug/l	
75-71-8	Dichlorodifluoromethane	ND	5.0	0.88	ug/l	
75-34-3	1,1-Dichloroethane	ND	1.0	0.24	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.35	ug/l	
75-35-4	1,1-Dichloroethene	ND	1.0	0.29	ug/l	
156-59-2	cis-1,2-Dichloroethene	ND	1.0	0.25	ug/l	
156-60-5	trans-1,2-Dichloroethene	ND	1.0	0.16	ug/l	
78-87-5	1,2-Dichloropropane	ND	1.0	0.18	ug/l	
142-28-9	1,3-Dichloropropane	ND	5.0	0.20	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:	MW-4		
Lab Sample ID:	JA12935-2	**Date Sampled:**	02/25/09
Matrix:	AQ - Ground Water	**Date Received:**	02/26/09
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	Via Verde, 700-730 Brook Avenue, Bronx, NY		

VOA 8260 List

CAS No.	Compound	Result	RL	MDL	Units	Q
594-20-7	2,2-Dichloropropane	ND	5.0	0.19	ug/l	
563-58-6	1,1-Dichloropropene	ND	5.0	0.23	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND	1.0	0.18	ug/l	
10061-02-6	trans-1,3-Dichloropropene	ND	1.0	0.15	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.27	ug/l	
87-68-3	Hexachlorobutadiene	ND	5.0	0.23	ug/l	
98-82-8	Isopropylbenzene	ND	2.0	0.19	ug/l	
99-87-6	p-Isopropyltoluene	ND	5.0	0.25	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	0.16	ug/l	
108-10-1	4-Methyl-2-pentanone(MIBK)	ND	5.0	1.3	ug/l	
74-95-3	Methylene bromide	ND	5.0	0.18	ug/l	
75-09-2	Methylene chloride	ND	2.0	0.16	ug/l	
91-20-3	Naphthalene	ND	5.0	1.2	ug/l	
103-65-1	n-Propylbenzene	ND	5.0	0.18	ug/l	
100-42-5	Styrene	ND	5.0	0.17	ug/l	
630-20-6	1,1,1,2-Tetrachloroethane	ND	5.0	0.12	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0	0.13	ug/l	
127-18-4	Tetrachloroethene	ND	1.0	0.29	ug/l	
108-88-3	Toluene	ND	1.0	0.15	ug/l	
87-61-6	1,2,3-Trichlorobenzene	ND	5.0	1.2	ug/l	
120-82-1	1,2,4-Trichlorobenzene	ND	5.0	1.3	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	0.17	ug/l	
79-01-6	Trichloroethene	ND	1.0	0.18	ug/l	
75-69-4	Trichlorofluoromethane	ND	5.0	0.25	ug/l	
96-18-4	1,2,3-Trichloropropane	ND	5.0	1.3	ug/l	
95-63-6	1,2,4-Trimethylbenzene	ND	5.0	0.22	ug/l	
108-67-8	1,3,5-Trimethylbenzene	ND	5.0	0.58	ug/l	
75-01-4	Vinyl chloride	ND	1.0	0.21	ug/l	
	m,p-Xylene	ND	1.0	0.39	ug/l	
95-47-6	o-Xylene	ND	1.0	0.39	ug/l	
1330-20-7	Xylene (total)	ND	1.0	0.39	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	92%		72-120%
17060-07-0	1,2-Dichloroethane-D4	93%		59-137%
2037-26-5	Toluene-D8	92%		73-116%
460-00-4	4-Bromofluorobenzene	87%		69-126%

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:	MW-4		
Lab Sample ID:	JA12935-2	**Date Sampled:**	02/25/09
Matrix:	AQ - Ground Water	**Date Received:**	02/26/09
Method:	SW846 8270C SW846 3510C	**Percent Solids:**	n/a
Project:	Via Verde, 700-730 Brook Avenue, Bronx, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	R71301.D	1	03/02/09	VN	02/27/09	OP37066	ER2651
Run #2							

	Initial Volume	Final Volume
Run #1	1000 ml	1.0 ml
Run #2		

ABN TCL List (CLP4.2 list)

CAS No.	Compound	Result	RL	MDL	Units	Q
95-57-8	2-Chlorophenol	ND	5.0	1.5	ug/l	
59-50-7	4-Chloro-3-methyl phenol	ND	5.0	2.3	ug/l	
120-83-2	2,4-Dichlorophenol	ND	5.0	1.9	ug/l	
105-67-9	2,4-Dimethylphenol	ND	5.0	2.0	ug/l	
51-28-5	2,4-Dinitrophenol	ND	20	4.2	ug/l	
534-52-1	4,6-Dinitro-o-cresol	ND	20	1.2	ug/l	
95-48-7	2-Methylphenol	ND	2.0	1.4	ug/l	
	3&4-Methylphenol	ND	2.0	1.5	ug/l	
88-75-5	2-Nitrophenol	ND	5.0	1.9	ug/l	
100-02-7	4-Nitrophenol	ND	10	2.3	ug/l	
87-86-5	Pentachlorophenol	ND	10	1.2	ug/l	
108-95-2	Phenol	ND	2.0	1.4	ug/l	
95-95-4	2,4,5-Trichlorophenol	ND	5.0	2.0	ug/l	
88-06-2	2,4,6-Trichlorophenol	ND	5.0	1.6	ug/l	
83-32-9	Acenaphthene	ND	1.0	0.38	ug/l	
208-96-8	Acenaphthylene	ND	1.0	0.54	ug/l	
98-86-2	Acetophenone	ND	5.0	0.47	ug/l	
120-12-7	Anthracene	ND	1.0	0.42	ug/l	
1912-24-9	Atrazine	ND	5.0	0.62	ug/l	
100-52-7	Benzaldehyde	ND	5.0	1.6	ug/l	
56-55-3	Benzo(a)anthracene	ND	1.0	0.38	ug/l	
50-32-8	Benzo(a)pyrene	ND	1.0	0.48	ug/l	
205-99-2	Benzo(b)fluoranthene	ND	1.0	0.53	ug/l	
191-24-2	Benzo(g,h,i)perylene	ND	1.0	0.46	ug/l	
207-08-9	Benzo(k)fluoranthene	ND	1.0	0.57	ug/l	
101-55-3	4-Bromophenyl phenyl ether	ND	2.0	0.41	ug/l	
85-68-7	Butyl benzyl phthalate	ND	2.0	0.42	ug/l	
92-52-4	1,1'-Biphenyl	ND	2.0	0.55	ug/l	
91-58-7	2-Chloronaphthalene	ND	5.0	0.48	ug/l	
106-47-8	4-Chloroaniline	ND	5.0	0.33	ug/l	
86-74-8	Carbazole	ND	2.0	0.45	ug/l	
105-60-2	Caprolactam	ND	2.0	0.63	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:	MW-4		
Lab Sample ID:	JA12935-2	**Date Sampled:**	02/25/09
Matrix:	AQ - Ground Water	**Date Received:**	02/26/09
Method:	SW846 8270C SW846 3510C	**Percent Solids:**	n/a
Project:	Via Verde, 700-730 Brook Avenue, Bronx, NY		

ABN TCL List (CLP4.2 list)

CAS No.	Compound	Result	RL	MDL	Units	Q
218-01-9	Chrysene	ND	1.0	0.44	ug/l	
111-91-1	bis(2-Chloroethoxy)methane	ND	2.0	0.52	ug/l	
111-44-4	bis(2-Chloroethyl)ether	ND	2.0	0.49	ug/l	
108-60-1	bis(2-Chloroisopropyl)ether	ND	2.0	0.54	ug/l	
7005-72-3	4-Chlorophenyl phenyl ether	ND	2.0	0.45	ug/l	
121-14-2	2,4-Dinitrotoluene	ND	2.0	0.45	ug/l	
606-20-2	2,6-Dinitrotoluene	ND	2.0	0.60	ug/l	
91-94-1	3,3'-Dichlorobenzidine	ND	5.0	4.6	ug/l	
53-70-3	Dibenzo(a,h)anthracene	ND	1.0	0.45	ug/l	
132-64-9	Dibenzofuran	ND	5.0	0.49	ug/l	
84-74-2	Di-n-butyl phthalate	ND	2.0	0.50	ug/l	
117-84-0	Di-n-octyl phthalate	ND	2.0	0.50	ug/l	
84-66-2	Diethyl phthalate	ND	2.0	0.36	ug/l	
131-11-3	Dimethyl phthalate	ND	2.0	0.36	ug/l	
117-81-7	bis(2-Ethylhexyl)phthalate	1.2	2.0	0.75	ug/l	JB
206-44-0	Fluoranthene	ND	1.0	0.40	ug/l	
86-73-7	Fluorene	ND	1.0	0.40	ug/l	
118-74-1	Hexachlorobenzene	ND	2.0	0.45	ug/l	
87-68-3	Hexachlorobutadiene	ND	1.0	0.38	ug/l	
77-47-4	Hexachlorocyclopentadiene	ND	20	4.5	ug/l	
67-72-1	Hexachloroethane	ND	5.0	0.30	ug/l	
193-39-5	Indeno(1,2,3-cd)pyrene	ND	1.0	0.42	ug/l	
78-59-1	Isophorone	ND	2.0	0.69	ug/l	
91-57-6	2-Methylnaphthalene	ND	2.0	0.43	ug/l	
88-74-4	2-Nitroaniline	ND	5.0	0.45	ug/l	
99-09-2	3-Nitroaniline	ND	5.0	0.45	ug/l	
100-01-6	4-Nitroaniline	ND	5.0	0.45	ug/l	
91-20-3	Naphthalene	ND	1.0	0.32	ug/l	
98-95-3	Nitrobenzene	ND	2.0	0.66	ug/l	
621-64-7	N-Nitroso-di-n-propylamine	ND	2.0	0.39	ug/l	
86-30-6	N-Nitrosodiphenylamine	ND	5.0	0.61	ug/l	
85-01-8	Phenanthrene	ND	1.0	0.34	ug/l	
129-00-0	Pyrene	ND	1.0	0.48	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
367-12-4	2-Fluorophenol	48%		10-69%
4165-62-2	Phenol-d5	29%		10-52%
118-79-6	2,4,6-Tribromophenol	81%		32-134%
4165-60-0	Nitrobenzene-d5	73%		23-116%

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:	MW-4		
Lab Sample ID:	JA12935-2	**Date Sampled:**	02/25/09
Matrix:	AQ - Ground Water	**Date Received:**	02/26/09
Method:	SW846 8270C SW846 3510C	**Percent Solids:**	n/a
Project:	Via Verde, 700-730 Brook Avenue, Bronx, NY		

ABN TCL List (CLP4.2 list)

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
321-60-8	2-Fluorobiphenyl	77%		28-109%
1718-51-0	Terphenyl-d14	68%		24-125%

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:	MW-4		
Lab Sample ID:	JA12935-2	**Date Sampled:**	02/25/09
Matrix:	AQ - Ground Water	**Date Received:**	02/26/09
Method:	SW846 8081A SW846 3510C	**Percent Solids:**	n/a
Project:	Via Verde, 700-730 Brook Avenue, Bronx, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	XX84667.D	1	03/02/09	JSE	02/27/09	OP37071	GXX3408
Run #2							

	Initial Volume	Final Volume
Run #1	930 ml	10.0 ml
Run #2		

Pesticide TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
309-00-2	Aldrin	ND	0.022	0.0018	ug/l	
319-84-6	alpha-BHC	ND	0.022	0.0011	ug/l	
319-85-7	beta-BHC	ND	0.022	0.0038	ug/l	
319-86-8	delta-BHC	ND	0.022	0.0038	ug/l	
58-89-9	gamma-BHC (Lindane)	ND	0.022	0.0012	ug/l	
5103-71-9	alpha-Chlordane	ND	0.022	0.0021	ug/l	
5103-74-2	gamma-Chlordane	ND	0.022	0.0026	ug/l	
60-57-1	Dieldrin	ND	0.022	0.0015	ug/l	
72-54-8	4,4'-DDD	ND	0.022	0.0049	ug/l	
72-55-9	4,4'-DDE	ND	0.022	0.0014	ug/l	
50-29-3	4,4'-DDT	ND	0.022	0.0038	ug/l	
72-20-8	Endrin	ND	0.022	0.0033	ug/l	
1031-07-8	Endosulfan sulfate	ND	0.022	0.0028	ug/l	
7421-93-4	Endrin aldehyde	ND	0.022	0.0040	ug/l	
53494-70-5	Endrin ketone	ND	0.022	0.0028	ug/l	
959-98-8	Endosulfan-I	ND	0.022	0.0019	ug/l	
33213-65-9	Endosulfan-II	ND	0.022	0.0037	ug/l	
76-44-8	Heptachlor	ND	0.022	0.0022	ug/l	
1024-57-3	Heptachlor epoxide	ND	0.022	0.0017	ug/l	
72-43-5	Methoxychlor	ND	0.022	0.0073	ug/l	
8001-35-2	Toxaphene	ND	0.27	0.23	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
877-09-8	Tetrachloro-m-xylene	75%		24-127%
877-09-8	Tetrachloro-m-xylene	68%		24-127%
2051-24-3	Decachlorobiphenyl	39%		7-131%
2051-24-3	Decachlorobiphenyl	45%		7-131%

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:	MW-4		
Lab Sample ID:	JA12935-2	**Date Sampled:**	02/25/09
Matrix:	AQ - Ground Water	**Date Received:**	02/26/09
Method:	SW846 8082 SW846 3510C	**Percent Solids:**	n/a
Project:	Via Verde, 700-730 Brook Avenue, Bronx, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	AB79926.D	1	03/02/09	JSE	02/27/09	OP37070	GAB5224
Run #2							

	Initial Volume	Final Volume
Run #1	930 ml	10.0 ml
Run #2		

PCB List

CAS No.	Compound	Result	RL	MDL	Units	Q
12674-11-2	Aroclor 1016	ND	0.54	0.20	ug/l	
11104-28-2	Aroclor 1221	ND	0.54	0.33	ug/l	
11141-16-5	Aroclor 1232	ND	0.54	0.22	ug/l	
53469-21-9	Aroclor 1242	ND	0.54	0.096	ug/l	
12672-29-6	Aroclor 1248	ND	0.54	0.27	ug/l	
11097-69-1	Aroclor 1254	ND	0.54	0.12	ug/l	
11096-82-5	Aroclor 1260	ND	0.54	0.15	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
877-09-8	Tetrachloro-m-xylene	128%		30-140%
877-09-8	Tetrachloro-m-xylene	111%		30-140%
2051-24-3	Decachlorobiphenyl	84%		10-142%
2051-24-3	Decachlorobiphenyl	86%		10-142%

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: MW-4
Lab Sample ID: JA12935-2
Matrix: AQ - Ground Water
Project: Via Verde, 700-730 Brook Avenue, Bronx, NY

Date Sampled: 02/25/09
Date Received: 02/26/09
Percent Solids: n/a

Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Aluminum	5370	200	ug/l	1	03/02/09	03/02/09	ND	SW846 6010B [1]	SW846 3010A [4]
Antimony	< 6.0	6.0	ug/l	1	03/02/09	03/02/09	ND	SW846 6010B [1]	SW846 3010A [4]
Arsenic	< 3.0	3.0	ug/l	1	03/02/09	03/02/09	ND	SW846 6010B [1]	SW846 3010A [4]
Barium	< 200	200	ug/l	1	03/02/09	03/02/09	ND	SW846 6010B [1]	SW846 3010A [4]
Beryllium	< 1.0	1.0	ug/l	1	03/02/09	03/02/09	ND	SW846 6010B [1]	SW846 3010A [4]
Cadmium	< 3.0	3.0	ug/l	1	03/02/09	03/02/09	ND	SW846 6010B [1]	SW846 3010A [4]
Calcium	65200	5000	ug/l	1	03/02/09	03/02/09	ND	SW846 6010B [1]	SW846 3010A [4]
Chromium	10.8	10	ug/l	1	03/02/09	03/02/09	ND	SW846 6010B [1]	SW846 3010A [4]
Cobalt	< 50	50	ug/l	1	03/02/09	03/02/09	ND	SW846 6010B [1]	SW846 3010A [4]
Copper	70.9	10	ug/l	1	03/02/09	03/02/09	ND	SW846 6010B [1]	SW846 3010A [4]
Iron	9220	100	ug/l	1	03/02/09	03/02/09	ND	SW846 6010B [1]	SW846 3010A [4]
Lead	5.5	3.0	ug/l	1	03/02/09	03/03/09	JF	SW846 6010B [3]	SW846 3010A [4]
Magnesium	22300	5000	ug/l	1	03/02/09	03/02/09	ND	SW846 6010B [1]	SW846 3010A [4]
Manganese	748	15	ug/l	1	03/02/09	03/02/09	ND	SW846 6010B [1]	SW846 3010A [4]
Mercury	< 0.20	0.20	ug/l	1	03/03/09	03/03/09	JW	SW846 7470A [2]	SW846 7470A [5]
Nickel	14.9	10	ug/l	1	03/02/09	03/02/09	ND	SW846 6010B [1]	SW846 3010A [4]
Potassium	< 10000	10000	ug/l	1	03/02/09	03/02/09	ND	SW846 6010B [1]	SW846 3010A [4]
Selenium	< 10	10	ug/l	1	03/02/09	03/02/09	ND	SW846 6010B [1]	SW846 3010A [4]
Silver	< 10	10	ug/l	1	03/02/09	03/02/09	ND	SW846 6010B [1]	SW846 3010A [4]
Sodium	27500	10000	ug/l	1	03/02/09	03/02/09	ND	SW846 6010B [1]	SW846 3010A [4]
Thallium	< 10	10	ug/l	1	03/02/09	03/02/09	ND	SW846 6010B [1]	SW846 3010A [4]
Vanadium	< 50	50	ug/l	1	03/02/09	03/02/09	ND	SW846 6010B [1]	SW846 3010A [4]
Zinc	40.4	20	ug/l	1	03/02/09	03/02/09	ND	SW846 6010B [1]	SW846 3010A [4]

(1) Instrument QC Batch: MA22213
(2) Instrument QC Batch: MA22215
(3) Instrument QC Batch: MA22218
(4) Prep QC Batch: MP47374
(5) Prep QC Batch: MP47392

RL = Reporting Limit

Report of Analysis

Client Sample ID: MW-4
Lab Sample ID: JA12935-2F
Matrix: AQ - Groundwater Filtered
Project: Via Verde, 700-730 Brook Avenue, Bronx, NY

Date Sampled: 02/25/09
Date Received: 02/26/09
Percent Solids: n/a

Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Aluminum	2250	200	ug/l	1	03/02/09	03/02/09	ND	SW846 6010B [1]	SW846 3010A [4]
Antimony	< 6.0	6.0	ug/l	1	03/02/09	03/02/09	ND	SW846 6010B [1]	SW846 3010A [4]
Arsenic	< 3.0	3.0	ug/l	1	03/02/09	03/02/09	ND	SW846 6010B [1]	SW846 3010A [4]
Barium	< 200	200	ug/l	1	03/02/09	03/02/09	ND	SW846 6010B [1]	SW846 3010A [4]
Beryllium	< 1.0	1.0	ug/l	1	03/02/09	03/02/09	ND	SW846 6010B [1]	SW846 3010A [4]
Cadmium	< 3.0	3.0	ug/l	1	03/02/09	03/02/09	ND	SW846 6010B [1]	SW846 3010A [4]
Calcium	55500	5000	ug/l	1	03/02/09	03/02/09	ND	SW846 6010B [1]	SW846 3010A [4]
Chromium	< 10	10	ug/l	1	03/02/09	03/02/09	ND	SW846 6010B [1]	SW846 3010A [4]
Cobalt	< 50	50	ug/l	1	03/02/09	03/02/09	ND	SW846 6010B [1]	SW846 3010A [4]
Copper	50.7	10	ug/l	1	03/02/09	03/02/09	ND	SW846 6010B [1]	SW846 3010A [4]
Iron	3990	100	ug/l	1	03/02/09	03/02/09	ND	SW846 6010B [1]	SW846 3010A [4]
Lead	< 3.0	3.0	ug/l	1	03/02/09	03/03/09	JF	SW846 6010B [3]	SW846 3010A [4]
Magnesium	16500	5000	ug/l	1	03/02/09	03/02/09	ND	SW846 6010B [1]	SW846 3010A [4]
Manganese	314	15	ug/l	1	03/02/09	03/02/09	ND	SW846 6010B [1]	SW846 3010A [4]
Mercury	< 0.20	0.20	ug/l	1	03/03/09	03/03/09	JW	SW846 7470A [2]	SW846 7470A [5]
Nickel	< 10	10	ug/l	1	03/02/09	03/02/09	ND	SW846 6010B [1]	SW846 3010A [4]
Potassium	< 10000	10000	ug/l	1	03/02/09	03/02/09	ND	SW846 6010B [1]	SW846 3010A [4]
Selenium	< 10	10	ug/l	1	03/02/09	03/02/09	ND	SW846 6010B [1]	SW846 3010A [4]
Silver	< 10	10	ug/l	1	03/02/09	03/02/09	ND	SW846 6010B [1]	SW846 3010A [4]
Sodium	23500	10000	ug/l	1	03/02/09	03/02/09	ND	SW846 6010B [1]	SW846 3010A [4]
Thallium	< 10	10	ug/l	1	03/02/09	03/02/09	ND	SW846 6010B [1]	SW846 3010A [4]
Vanadium	< 50	50	ug/l	1	03/02/09	03/02/09	ND	SW846 6010B [1]	SW846 3010A [4]
Zinc	< 20	20	ug/l	1	03/02/09	03/02/09	ND	SW846 6010B [1]	SW846 3010A [4]

(1) Instrument QC Batch: MA22213
(2) Instrument QC Batch: MA22215
(3) Instrument QC Batch: MA22218
(4) Prep QC Batch: MP47374
(5) Prep QC Batch: MP47393

RL = Reporting Limit

Report of Analysis

Client Sample ID:	MW-3		
Lab Sample ID:	JA12935-3	**Date Sampled:**	02/25/09
Matrix:	AQ - Ground Water	**Date Received:**	02/26/09
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	Via Verde, 700-730 Brook Avenue, Bronx, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	2B54489.D	1	03/02/09	MFH	n/a	n/a	V2B2417
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

VOA 8260 List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	ND	10	2.1	ug/l	
71-43-2	Benzene	ND	1.0	0.26	ug/l	
108-86-1	Bromobenzene	ND	5.0	0.18	ug/l	
74-97-5	Bromochloromethane	ND	5.0	0.24	ug/l	
75-27-4	Bromodichloromethane	1.7	1.0	0.14	ug/l	
75-25-2	Bromoform	ND	4.0	0.18	ug/l	
74-83-9	Bromomethane	ND	2.0	0.32	ug/l	
78-93-3	2-Butanone (MEK)	ND	10	2.3	ug/l	
104-51-8	n-Butylbenzene	ND	5.0	0.61	ug/l	
135-98-8	sec-Butylbenzene	ND	5.0	0.27	ug/l	
98-06-6	tert-Butylbenzene	ND	5.0	0.15	ug/l	
56-23-5	Carbon tetrachloride	ND	1.0	0.18	ug/l	
108-90-7	Chlorobenzene	ND	1.0	0.19	ug/l	
75-00-3	Chloroethane	ND	1.0	0.22	ug/l	
67-66-3	Chloroform	23.4	1.0	0.16	ug/l	
74-87-3	Chloromethane	ND	1.0	0.29	ug/l	
95-49-8	o-Chlorotoluene	ND	5.0	0.55	ug/l	
106-43-4	p-Chlorotoluene	ND	5.0	0.34	ug/l	
96-12-8	1,2-Dibromo-3-chloropropane	ND	10	1.3	ug/l	
124-48-1	Dibromochloromethane	ND	1.0	0.16	ug/l	
106-93-4	1,2-Dibromoethane	ND	2.0	0.18	ug/l	
95-50-1	1,2-Dichlorobenzene	ND	1.0	0.18	ug/l	
541-73-1	1,3-Dichlorobenzene	ND	1.0	0.26	ug/l	
106-46-7	1,4-Dichlorobenzene	ND	1.0	0.22	ug/l	
75-71-8	Dichlorodifluoromethane	ND	5.0	0.88	ug/l	
75-34-3	1,1-Dichloroethane	ND	1.0	0.24	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.35	ug/l	
75-35-4	1,1-Dichloroethene	ND	1.0	0.29	ug/l	
156-59-2	cis-1,2-Dichloroethene	ND	1.0	0.25	ug/l	
156-60-5	trans-1,2-Dichloroethene	ND	1.0	0.16	ug/l	
78-87-5	1,2-Dichloropropane	ND	1.0	0.18	ug/l	
142-28-9	1,3-Dichloropropane	ND	5.0	0.20	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:	MW-3		
Lab Sample ID:	JA12935-3	**Date Sampled:**	02/25/09
Matrix:	AQ - Ground Water	**Date Received:**	02/26/09
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	Via Verde, 700-730 Brook Avenue, Bronx, NY		

VOA 8260 List

CAS No.	Compound	Result	RL	MDL	Units	Q
594-20-7	2,2-Dichloropropane	ND	5.0	0.19	ug/l	
563-58-6	1,1-Dichloropropene	ND	5.0	0.23	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND	1.0	0.18	ug/l	
10061-02-6	trans-1,3-Dichloropropene	ND	1.0	0.15	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.27	ug/l	
87-68-3	Hexachlorobutadiene	ND	5.0	0.23	ug/l	
98-82-8	Isopropylbenzene	ND	2.0	0.19	ug/l	
99-87-6	p-Isopropyltoluene	ND	5.0	0.25	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	0.16	ug/l	
108-10-1	4-Methyl-2-pentanone(MIBK)	ND	5.0	1.3	ug/l	
74-95-3	Methylene bromide	ND	5.0	0.18	ug/l	
75-09-2	Methylene chloride	ND	2.0	0.16	ug/l	
91-20-3	Naphthalene	ND	5.0	1.2	ug/l	
103-65-1	n-Propylbenzene	ND	5.0	0.18	ug/l	
100-42-5	Styrene	ND	5.0	0.17	ug/l	
630-20-6	1,1,1,2-Tetrachloroethane	ND	5.0	0.12	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0	0.13	ug/l	
127-18-4	Tetrachloroethene	ND	1.0	0.29	ug/l	
108-88-3	Toluene	ND	1.0	0.15	ug/l	
87-61-6	1,2,3-Trichlorobenzene	ND	5.0	1.2	ug/l	
120-82-1	1,2,4-Trichlorobenzene	ND	5.0	1.3	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	0.17	ug/l	
79-01-6	Trichloroethene	ND	1.0	0.18	ug/l	
75-69-4	Trichlorofluoromethane	ND	5.0	0.25	ug/l	
96-18-4	1,2,3-Trichloropropane	ND	5.0	1.3	ug/l	
95-63-6	1,2,4-Trimethylbenzene	ND	5.0	0.22	ug/l	
108-67-8	1,3,5-Trimethylbenzene	ND	5.0	0.58	ug/l	
75-01-4	Vinyl chloride	ND	1.0	0.21	ug/l	
	m,p-Xylene	ND	1.0	0.39	ug/l	
95-47-6	o-Xylene	ND	1.0	0.39	ug/l	
1330-20-7	Xylene (total)	ND	1.0	0.39	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	94%		72-120%
17060-07-0	1,2-Dichloroethane-D4	97%		59-137%
2037-26-5	Toluene-D8	92%		73-116%
460-00-4	4-Bromofluorobenzene	88%		69-126%

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:	MW-3		
Lab Sample ID:	JA12935-3	**Date Sampled:**	02/25/09
Matrix:	AQ - Ground Water	**Date Received:**	02/26/09
Method:	SW846 8270C SW846 3510C	**Percent Solids:**	n/a
Project:	Via Verde, 700-730 Brook Avenue, Bronx, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	R71308.D	1	03/02/09	VN	02/27/09	OP37066	ER2651
Run #2							

	Initial Volume	Final Volume
Run #1	1000 ml	1.0 ml
Run #2		

ABN TCL List (CLP4.2 list)

CAS No.	Compound	Result	RL	MDL	Units	Q
95-57-8	2-Chlorophenol	ND	5.0	1.5	ug/l	
59-50-7	4-Chloro-3-methyl phenol	ND	5.0	2.3	ug/l	
120-83-2	2,4-Dichlorophenol	ND	5.0	1.9	ug/l	
105-67-9	2,4-Dimethylphenol	ND	5.0	2.0	ug/l	
51-28-5	2,4-Dinitrophenol	ND	20	4.2	ug/l	
534-52-1	4,6-Dinitro-o-cresol	ND	20	1.2	ug/l	
95-48-7	2-Methylphenol	ND	2.0	1.4	ug/l	
	3&4-Methylphenol	ND	2.0	1.5	ug/l	
88-75-5	2-Nitrophenol	ND	5.0	1.9	ug/l	
100-02-7	4-Nitrophenol	ND	10	2.3	ug/l	
87-86-5	Pentachlorophenol	ND	10	1.2	ug/l	
108-95-2	Phenol	ND	2.0	1.4	ug/l	
95-95-4	2,4,5-Trichlorophenol	ND	5.0	2.0	ug/l	
88-06-2	2,4,6-Trichlorophenol	ND	5.0	1.6	ug/l	
83-32-9	Acenaphthene	ND	1.0	0.38	ug/l	
208-96-8	Acenaphthylene	ND	1.0	0.54	ug/l	
98-86-2	Acetophenone	ND	5.0	0.47	ug/l	
120-12-7	Anthracene	ND	1.0	0.42	ug/l	
1912-24-9	Atrazine	ND	5.0	0.62	ug/l	
100-52-7	Benzaldehyde	ND	5.0	1.6	ug/l	
56-55-3	Benzo(a)anthracene	ND	1.0	0.38	ug/l	
50-32-8	Benzo(a)pyrene	ND	1.0	0.48	ug/l	
205-99-2	Benzo(b)fluoranthene	ND	1.0	0.53	ug/l	
191-24-2	Benzo(g,h,i)perylene	ND	1.0	0.46	ug/l	
207-08-9	Benzo(k)fluoranthene	ND	1.0	0.57	ug/l	
101-55-3	4-Bromophenyl phenyl ether	ND	2.0	0.41	ug/l	
85-68-7	Butyl benzyl phthalate	ND	2.0	0.42	ug/l	
92-52-4	1,1'-Biphenyl	ND	2.0	0.55	ug/l	
91-58-7	2-Chloronaphthalene	ND	5.0	0.48	ug/l	
106-47-8	4-Chloroaniline	ND	5.0	0.33	ug/l	
86-74-8	Carbazole	ND	2.0	0.45	ug/l	
105-60-2	Caprolactam	ND	2.0	0.63	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: MW-3
Lab Sample ID: JA12935-3 **Date Sampled:** 02/25/09
Matrix: AQ - Ground Water **Date Received:** 02/26/09
Method: SW846 8270C SW846 3510C **Percent Solids:** n/a
Project: Via Verde, 700-730 Brook Avenue, Bronx, NY

ABN TCL List (CLP4.2 list)

CAS No.	Compound	Result	RL	MDL	Units	Q
218-01-9	Chrysene	ND	1.0	0.44	ug/l	
111-91-1	bis(2-Chloroethoxy)methane	ND	2.0	0.52	ug/l	
111-44-4	bis(2-Chloroethyl)ether	ND	2.0	0.49	ug/l	
108-60-1	bis(2-Chloroisopropyl)ether	ND	2.0	0.54	ug/l	
7005-72-3	4-Chlorophenyl phenyl ether	ND	2.0	0.45	ug/l	
121-14-2	2,4-Dinitrotoluene	ND	2.0	0.45	ug/l	
606-20-2	2,6-Dinitrotoluene	ND	2.0	0.60	ug/l	
91-94-1	3,3'-Dichlorobenzidine	ND	5.0	4.6	ug/l	
53-70-3	Dibenzo(a,h)anthracene	ND	1.0	0.45	ug/l	
132-64-9	Dibenzofuran	ND	5.0	0.49	ug/l	
84-74-2	Di-n-butyl phthalate	ND	2.0	0.50	ug/l	
117-84-0	Di-n-octyl phthalate	ND	2.0	0.50	ug/l	
84-66-2	Diethyl phthalate	ND	2.0	0.36	ug/l	
131-11-3	Dimethyl phthalate	ND	2.0	0.36	ug/l	
117-81-7	bis(2-Ethylhexyl)phthalate	1.7	2.0	0.75	ug/l	JB
206-44-0	Fluoranthene	0.47	1.0	0.40	ug/l	J
86-73-7	Fluorene	ND	1.0	0.40	ug/l	
118-74-1	Hexachlorobenzene	ND	2.0	0.45	ug/l	
87-68-3	Hexachlorobutadiene	ND	1.0	0.38	ug/l	
77-47-4	Hexachlorocyclopentadiene	ND	20	4.5	ug/l	
67-72-1	Hexachloroethane	ND	5.0	0.30	ug/l	
193-39-5	Indeno(1,2,3-cd)pyrene	ND	1.0	0.42	ug/l	
78-59-1	Isophorone	ND	2.0	0.69	ug/l	
91-57-6	2-Methylnaphthalene	ND	2.0	0.43	ug/l	
88-74-4	2-Nitroaniline	ND	5.0	0.45	ug/l	
99-09-2	3-Nitroaniline	ND	5.0	0.45	ug/l	
100-01-6	4-Nitroaniline	ND	5.0	0.45	ug/l	
91-20-3	Naphthalene	ND	1.0	0.32	ug/l	
98-95-3	Nitrobenzene	ND	2.0	0.66	ug/l	
621-64-7	N-Nitroso-di-n-propylamine	ND	2.0	0.39	ug/l	
86-30-6	N-Nitrosodiphenylamine	ND	5.0	0.61	ug/l	
85-01-8	Phenanthrene	ND	1.0	0.34	ug/l	
129-00-0	Pyrene	ND	1.0	0.48	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
367-12-4	2-Fluorophenol	50%		10-69%
4165-62-2	Phenol-d5	29%		10-52%
118-79-6	2,4,6-Tribromophenol	90%		32-134%
4165-60-0	Nitrobenzene-d5	75%		23-116%

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:	MW-3		
Lab Sample ID:	JA12935-3	**Date Sampled:**	02/25/09
Matrix:	AQ - Ground Water	**Date Received:**	02/26/09
Method:	SW846 8270C SW846 3510C	**Percent Solids:**	n/a
Project:	Via Verde, 700-730 Brook Avenue, Bronx, NY		

ABN TCL List (CLP4.2 list)

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
321-60-8	2-Fluorobiphenyl	79%		28-109%
1718-51-0	Terphenyl-d14	68%		24-125%

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:	MW-3		
Lab Sample ID:	JA12935-3	**Date Sampled:**	02/25/09
Matrix:	AQ - Ground Water	**Date Received:**	02/26/09
Method:	SW846 8081A SW846 3510C	**Percent Solids:**	n/a
Project:	Via Verde, 700-730 Brook Avenue, Bronx, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	XX84664.D	1	03/02/09	JSE	02/27/09	OP37071	GXX3408
Run #2							

	Initial Volume	Final Volume
Run #1	1000 ml	10.0 ml
Run #2		

Pesticide TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
309-00-2	Aldrin	ND	0.020	0.0017	ug/l	
319-84-6	alpha-BHC	ND	0.020	0.00099	ug/l	
319-85-7	beta-BHC	ND	0.020	0.0035	ug/l	
319-86-8	delta-BHC	ND	0.020	0.0035	ug/l	
58-89-9	gamma-BHC (Lindane)	ND	0.020	0.0011	ug/l	
5103-71-9	alpha-Chlordane	ND	0.020	0.0020	ug/l	
5103-74-2	gamma-Chlordane	ND	0.020	0.0024	ug/l	
60-57-1	Dieldrin	ND	0.020	0.0014	ug/l	
72-54-8	4,4'-DDD	ND	0.020	0.0046	ug/l	
72-55-9	4,4'-DDE	ND	0.020	0.0013	ug/l	
50-29-3	4,4'-DDT	ND	0.020	0.0035	ug/l	
72-20-8	Endrin	ND	0.020	0.0031	ug/l	
1031-07-8	Endosulfan sulfate	ND	0.020	0.0026	ug/l	
7421-93-4	Endrin aldehyde	ND	0.020	0.0037	ug/l	
53494-70-5	Endrin ketone	ND	0.020	0.0026	ug/l	
959-98-8	Endosulfan-I	ND	0.020	0.0018	ug/l	
33213-65-9	Endosulfan-II	ND	0.020	0.0035	ug/l	
76-44-8	Heptachlor	ND	0.020	0.0020	ug/l	
1024-57-3	Heptachlor epoxide	ND	0.020	0.0016	ug/l	
72-43-5	Methoxychlor	ND	0.020	0.0068	ug/l	
8001-35-2	Toxaphene	ND	0.25	0.21	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
877-09-8	Tetrachloro-m-xylene	82%		24-127%
877-09-8	Tetrachloro-m-xylene	76%		24-127%
2051-24-3	Decachlorobiphenyl	57%		7-131%
2051-24-3	Decachlorobiphenyl	61%		7-131%

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:	MW-3		
Lab Sample ID:	JA12935-3	**Date Sampled:**	02/25/09
Matrix:	AQ - Ground Water	**Date Received:**	02/26/09
Method:	SW846 8082 SW846 3510C	**Percent Solids:**	n/a
Project:	Via Verde, 700-730 Brook Avenue, Bronx, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	AB79929.D	1	03/02/09	JSE	02/27/09	OP37070	GAB5224
Run #2							

	Initial Volume	Final Volume
Run #1	1000 ml	10.0 ml
Run #2		

PCB List

CAS No.	Compound	Result	RL	MDL	Units	Q
12674-11-2	Aroclor 1016	ND	0.50	0.19	ug/l	
11104-28-2	Aroclor 1221	ND	0.50	0.31	ug/l	
11141-16-5	Aroclor 1232	ND	0.50	0.21	ug/l	
53469-21-9	Aroclor 1242	ND	0.50	0.089	ug/l	
12672-29-6	Aroclor 1248	ND	0.50	0.25	ug/l	
11097-69-1	Aroclor 1254	ND	0.50	0.11	ug/l	
11096-82-5	Aroclor 1260	ND	0.50	0.14	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
877-09-8	Tetrachloro-m-xylene	94%		30-140%
877-09-8	Tetrachloro-m-xylene	77%		30-140%
2051-24-3	Decachlorobiphenyl	83%		10-142%
2051-24-3	Decachlorobiphenyl	69%		10-142%

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: MW-3
Lab Sample ID: JA12935-3
Matrix: AQ - Ground Water
Project: Via Verde, 700-730 Brook Avenue, Bronx, NY

Date Sampled: 02/25/09
Date Received: 02/26/09
Percent Solids: n/a

Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Aluminum	2920	200	ug/l	1	03/02/09	03/02/09	ND	SW846 6010B [1]	SW846 3010A [4]
Antimony	< 6.0	6.0	ug/l	1	03/02/09	03/02/09	ND	SW846 6010B [1]	SW846 3010A [4]
Arsenic	< 3.0	3.0	ug/l	1	03/02/09	03/02/09	ND	SW846 6010B [1]	SW846 3010A [4]
Barium	< 200	200	ug/l	1	03/02/09	03/02/09	ND	SW846 6010B [1]	SW846 3010A [4]
Beryllium	< 1.0	1.0	ug/l	1	03/02/09	03/02/09	ND	SW846 6010B [1]	SW846 3010A [4]
Cadmium	< 3.0	3.0	ug/l	1	03/02/09	03/02/09	ND	SW846 6010B [1]	SW846 3010A [4]
Calcium	17600	5000	ug/l	1	03/02/09	03/02/09	ND	SW846 6010B [1]	SW846 3010A [4]
Chromium	< 10	10	ug/l	1	03/02/09	03/02/09	ND	SW846 6010B [1]	SW846 3010A [4]
Cobalt	< 50	50	ug/l	1	03/02/09	03/02/09	ND	SW846 6010B [1]	SW846 3010A [4]
Copper	46.5	10	ug/l	1	03/02/09	03/02/09	ND	SW846 6010B [1]	SW846 3010A [4]
Iron	5240	100	ug/l	1	03/02/09	03/02/09	ND	SW846 6010B [1]	SW846 3010A [4]
Lead	12.3	3.0	ug/l	1	03/02/09	03/03/09	JF	SW846 6010B [3]	SW846 3010A [4]
Magnesium	< 5000	5000	ug/l	1	03/02/09	03/02/09	ND	SW846 6010B [1]	SW846 3010A [4]
Manganese	115	15	ug/l	1	03/02/09	03/02/09	ND	SW846 6010B [1]	SW846 3010A [4]
Mercury	< 0.20	0.20	ug/l	1	03/03/09	03/03/09	JW	SW846 7470A [2]	SW846 7470A [5]
Nickel	< 10	10	ug/l	1	03/02/09	03/02/09	ND	SW846 6010B [1]	SW846 3010A [4]
Potassium	< 10000	10000	ug/l	1	03/02/09	03/02/09	ND	SW846 6010B [1]	SW846 3010A [4]
Selenium	< 10	10	ug/l	1	03/02/09	03/02/09	ND	SW846 6010B [1]	SW846 3010A [4]
Silver	< 10	10	ug/l	1	03/02/09	03/02/09	ND	SW846 6010B [1]	SW846 3010A [4]
Sodium	< 10000	10000	ug/l	1	03/02/09	03/02/09	ND	SW846 6010B [1]	SW846 3010A [4]
Thallium	< 10	10	ug/l	1	03/02/09	03/02/09	ND	SW846 6010B [1]	SW846 3010A [4]
Vanadium	< 50	50	ug/l	1	03/02/09	03/02/09	ND	SW846 6010B [1]	SW846 3010A [4]
Zinc	< 20	20	ug/l	1	03/02/09	03/02/09	ND	SW846 6010B [1]	SW846 3010A [4]

(1) Instrument QC Batch: MA22213
(2) Instrument QC Batch: MA22215
(3) Instrument QC Batch: MA22218
(4) Prep QC Batch: MP47374
(5) Prep QC Batch: MP47392

RL = Reporting Limit

Report of Analysis

Client Sample ID:	MW-3		
Lab Sample ID:	JA12935-3F	**Date Sampled:**	02/25/09
Matrix:	AQ - Groundwater Filtered	**Date Received:**	02/26/09
		Percent Solids:	n/a
Project:	Via Verde, 700-730 Brook Avenue, Bronx, NY		

Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Aluminum	< 200	200	ug/l	1	03/02/09	03/02/09	ND	SW846 6010B [1]	SW846 3010A [4]
Antimony	< 6.0	6.0	ug/l	1	03/02/09	03/02/09	ND	SW846 6010B [1]	SW846 3010A [4]
Arsenic	< 3.0	3.0	ug/l	1	03/02/09	03/02/09	ND	SW846 6010B [1]	SW846 3010A [4]
Barium	< 200	200	ug/l	1	03/02/09	03/02/09	ND	SW846 6010B [1]	SW846 3010A [4]
Beryllium	< 1.0	1.0	ug/l	1	03/02/09	03/02/09	ND	SW846 6010B [1]	SW846 3010A [4]
Cadmium	< 3.0	3.0	ug/l	1	03/02/09	03/02/09	ND	SW846 6010B [1]	SW846 3010A [4]
Calcium	19300	5000	ug/l	1	03/02/09	03/02/09	ND	SW846 6010B [1]	SW846 3010A [4]
Chromium	< 10	10	ug/l	1	03/02/09	03/02/09	ND	SW846 6010B [1]	SW846 3010A [4]
Cobalt	< 50	50	ug/l	1	03/02/09	03/02/09	ND	SW846 6010B [1]	SW846 3010A [4]
Copper	< 10	10	ug/l	1	03/02/09	03/02/09	ND	SW846 6010B [1]	SW846 3010A [4]
Iron	< 100	100	ug/l	1	03/02/09	03/02/09	ND	SW846 6010B [1]	SW846 3010A [4]
Lead	< 3.0	3.0	ug/l	1	03/02/09	03/03/09	JF	SW846 6010B [3]	SW846 3010A [4]
Magnesium	< 5000	5000	ug/l	1	03/02/09	03/02/09	ND	SW846 6010B [1]	SW846 3010A [4]
Manganese	< 15	15	ug/l	1	03/02/09	03/02/09	ND	SW846 6010B [1]	SW846 3010A [4]
Mercury	< 0.20	0.20	ug/l	1	03/03/09	03/03/09	JW	SW846 7470A [2]	SW846 7470A [5]
Nickel	< 10	10	ug/l	1	03/02/09	03/02/09	ND	SW846 6010B [1]	SW846 3010A [4]
Potassium	< 10000	10000	ug/l	1	03/02/09	03/02/09	ND	SW846 6010B [1]	SW846 3010A [4]
Selenium	< 10	10	ug/l	1	03/02/09	03/02/09	ND	SW846 6010B [1]	SW846 3010A [4]
Silver	< 10	10	ug/l	1	03/02/09	03/02/09	ND	SW846 6010B [1]	SW846 3010A [4]
Sodium	< 10000	10000	ug/l	1	03/02/09	03/02/09	ND	SW846 6010B [1]	SW846 3010A [4]
Thallium	< 10	10	ug/l	1	03/02/09	03/02/09	ND	SW846 6010B [1]	SW846 3010A [4]
Vanadium	< 50	50	ug/l	1	03/02/09	03/02/09	ND	SW846 6010B [1]	SW846 3010A [4]
Zinc	< 20	20	ug/l	1	03/02/09	03/02/09	ND	SW846 6010B [1]	SW846 3010A [4]

(1) Instrument QC Batch: MA22213
(2) Instrument QC Batch: MA22215
(3) Instrument QC Batch: MA22218
(4) Prep QC Batch: MP47374
(5) Prep QC Batch: MP47393

RL = Reporting Limit

Report of Analysis

Client Sample ID:	MW-2		
Lab Sample ID:	JA12935-4	**Date Sampled:**	02/25/09
Matrix:	AQ - Ground Water	**Date Received:**	02/26/09
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	Via Verde, 700-730 Brook Avenue, Bronx, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	2B54492.D	1	03/02/09	MFH	n/a	n/a	V2B2417
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

VOA 8260 List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	3.5	10	2.1	ug/l	J
71-43-2	Benzene	ND	1.0	0.26	ug/l	
108-86-1	Bromobenzene	ND	5.0	0.18	ug/l	
74-97-5	Bromochloromethane	ND	5.0	0.24	ug/l	
75-27-4	Bromodichloromethane	ND	1.0	0.14	ug/l	
75-25-2	Bromoform	ND	4.0	0.18	ug/l	
74-83-9	Bromomethane	ND	2.0	0.32	ug/l	
78-93-3	2-Butanone (MEK)	ND	10	2.3	ug/l	
104-51-8	n-Butylbenzene	ND	5.0	0.61	ug/l	
135-98-8	sec-Butylbenzene	1.1	5.0	0.27	ug/l	J
98-06-6	tert-Butylbenzene	ND	5.0	0.15	ug/l	
56-23-5	Carbon tetrachloride	ND	1.0	0.18	ug/l	
108-90-7	Chlorobenzene	ND	1.0	0.19	ug/l	
75-00-3	Chloroethane	ND	1.0	0.22	ug/l	
67-66-3	Chloroform	ND	1.0	0.16	ug/l	
74-87-3	Chloromethane	ND	1.0	0.29	ug/l	
95-49-8	o-Chlorotoluene	ND	5.0	0.55	ug/l	
106-43-4	p-Chlorotoluene	ND	5.0	0.34	ug/l	
96-12-8	1,2-Dibromo-3-chloropropane	ND	10	1.3	ug/l	
124-48-1	Dibromochloromethane	ND	1.0	0.16	ug/l	
106-93-4	1,2-Dibromoethane	ND	2.0	0.18	ug/l	
95-50-1	1,2-Dichlorobenzene	ND	1.0	0.18	ug/l	
541-73-1	1,3-Dichlorobenzene	ND	1.0	0.26	ug/l	
106-46-7	1,4-Dichlorobenzene	ND	1.0	0.22	ug/l	
75-71-8	Dichlorodifluoromethane	ND	5.0	0.88	ug/l	
75-34-3	1,1-Dichloroethane	ND	1.0	0.24	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.35	ug/l	
75-35-4	1,1-Dichloroethene	ND	1.0	0.29	ug/l	
156-59-2	cis-1,2-Dichloroethene	ND	1.0	0.25	ug/l	
156-60-5	trans-1,2-Dichloroethene	ND	1.0	0.16	ug/l	
78-87-5	1,2-Dichloropropane	ND	1.0	0.18	ug/l	
142-28-9	1,3-Dichloropropane	ND	5.0	0.20	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:	MW-2		
Lab Sample ID:	JA12935-4	**Date Sampled:**	02/25/09
Matrix:	AQ - Ground Water	**Date Received:**	02/26/09
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	Via Verde, 700-730 Brook Avenue, Bronx, NY		

VOA 8260 List

CAS No.	Compound	Result	RL	MDL	Units	Q
594-20-7	2,2-Dichloropropane	ND	5.0	0.19	ug/l	
563-58-6	1,1-Dichloropropene	ND	5.0	0.23	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND	1.0	0.18	ug/l	
10061-02-6	trans-1,3-Dichloropropene	ND	1.0	0.15	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.27	ug/l	
87-68-3	Hexachlorobutadiene	ND	5.0	0.23	ug/l	
98-82-8	Isopropylbenzene	0.43	2.0	0.19	ug/l	J
99-87-6	p-Isopropyltoluene	0.58	5.0	0.25	ug/l	J
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	0.16	ug/l	
108-10-1	4-Methyl-2-pentanone(MIBK)	ND	5.0	1.3	ug/l	
74-95-3	Methylene bromide	ND	5.0	0.18	ug/l	
75-09-2	Methylene chloride	ND	2.0	0.16	ug/l	
91-20-3	Naphthalene	ND	5.0	1.2	ug/l	
103-65-1	n-Propylbenzene	0.33	5.0	0.18	ug/l	J
100-42-5	Styrene	ND	5.0	0.17	ug/l	
630-20-6	1,1,1,2-Tetrachloroethane	ND	5.0	0.12	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0	0.13	ug/l	
127-18-4	Tetrachloroethene	ND	1.0	0.29	ug/l	
108-88-3	Toluene	ND	1.0	0.15	ug/l	
87-61-6	1,2,3-Trichlorobenzene	ND	5.0	1.2	ug/l	
120-82-1	1,2,4-Trichlorobenzene	ND	5.0	1.3	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	0.17	ug/l	
79-01-6	Trichloroethene	ND	1.0	0.18	ug/l	
75-69-4	Trichlorofluoromethane	ND	5.0	0.25	ug/l	
96-18-4	1,2,3-Trichloropropane	ND	5.0	1.3	ug/l	
95-63-6	1,2,4-Trimethylbenzene	ND	5.0	0.22	ug/l	
108-67-8	1,3,5-Trimethylbenzene	ND	5.0	0.58	ug/l	
75-01-4	Vinyl chloride	ND	1.0	0.21	ug/l	
	m,p-Xylene	ND	1.0	0.39	ug/l	
95-47-6	o-Xylene	ND	1.0	0.39	ug/l	
1330-20-7	Xylene (total)	ND	1.0	0.39	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	95%		72-120%
17060-07-0	1,2-Dichloroethane-D4	103%		59-137%
2037-26-5	Toluene-D8	93%		73-116%
460-00-4	4-Bromofluorobenzene	87%		69-126%

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:	MW-2		
Lab Sample ID:	JA12935-4	**Date Sampled:**	02/25/09
Matrix:	AQ - Ground Water	**Date Received:**	02/26/09
Method:	SW846 8270C SW846 3510C	**Percent Solids:**	n/a
Project:	Via Verde, 700-730 Brook Avenue, Bronx, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	R71300.D	1	03/02/09	VN	02/27/09	OP37066	ER2651
Run #2							

	Initial Volume	Final Volume
Run #1	1000 ml	1.0 ml
Run #2		

ABN TCL List (CLP4.2 list)

CAS No.	Compound	Result	RL	MDL	Units	Q
95-57-8	2-Chlorophenol	ND	5.0	1.5	ug/l	
59-50-7	4-Chloro-3-methyl phenol	ND	5.0	2.3	ug/l	
120-83-2	2,4-Dichlorophenol	ND	5.0	1.9	ug/l	
105-67-9	2,4-Dimethylphenol	ND	5.0	2.0	ug/l	
51-28-5	2,4-Dinitrophenol	ND	20	4.2	ug/l	
534-52-1	4,6-Dinitro-o-cresol	ND	20	1.2	ug/l	
95-48-7	2-Methylphenol	ND	2.0	1.4	ug/l	
	3&4-Methylphenol	ND	2.0	1.5	ug/l	
88-75-5	2-Nitrophenol	ND	5.0	1.9	ug/l	
100-02-7	4-Nitrophenol	ND	10	2.3	ug/l	
87-86-5	Pentachlorophenol	ND	10	1.2	ug/l	
108-95-2	Phenol	ND	2.0	1.4	ug/l	
95-95-4	2,4,5-Trichlorophenol	ND	5.0	2.0	ug/l	
88-06-2	2,4,6-Trichlorophenol	ND	5.0	1.6	ug/l	
83-32-9	Acenaphthene	0.87	1.0	0.38	ug/l	J
208-96-8	Acenaphthylene	ND	1.0	0.54	ug/l	
98-86-2	Acetophenone	ND	5.0	0.47	ug/l	
120-12-7	Anthracene	ND	1.0	0.42	ug/l	
1912-24-9	Atrazine	ND	5.0	0.62	ug/l	
100-52-7	Benzaldehyde	ND	5.0	1.6	ug/l	
56-55-3	Benzo(a)anthracene	ND	1.0	0.38	ug/l	
50-32-8	Benzo(a)pyrene	ND	1.0	0.48	ug/l	
205-99-2	Benzo(b)fluoranthene	ND	1.0	0.53	ug/l	
191-24-2	Benzo(g,h,i)perylene	ND	1.0	0.46	ug/l	
207-08-9	Benzo(k)fluoranthene	ND	1.0	0.57	ug/l	
101-55-3	4-Bromophenyl phenyl ether	ND	2.0	0.41	ug/l	
85-68-7	Butyl benzyl phthalate	ND	2.0	0.42	ug/l	
92-52-4	1,1'-Biphenyl	1.0	2.0	0.55	ug/l	J
91-58-7	2-Chloronaphthalene	ND	5.0	0.48	ug/l	
106-47-8	4-Chloroaniline	ND	5.0	0.33	ug/l	
86-74-8	Carbazole	ND	2.0	0.45	ug/l	
105-60-2	Caprolactam	ND	2.0	0.63	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:	MW-2		
Lab Sample ID:	JA12935-4	**Date Sampled:**	02/25/09
Matrix:	AQ - Ground Water	**Date Received:**	02/26/09
Method:	SW846 8270C SW846 3510C	**Percent Solids:**	n/a
Project:	Via Verde, 700-730 Brook Avenue, Bronx, NY		

ABN TCL List (CLP4.2 list)

CAS No.	Compound	Result	RL	MDL	Units	Q
218-01-9	Chrysene	ND	1.0	0.44	ug/l	
111-91-1	bis(2-Chloroethoxy)methane	ND	2.0	0.52	ug/l	
111-44-4	bis(2-Chloroethyl)ether	ND	2.0	0.49	ug/l	
108-60-1	bis(2-Chloroisopropyl)ether	ND	2.0	0.54	ug/l	
7005-72-3	4-Chlorophenyl phenyl ether	ND	2.0	0.45	ug/l	
121-14-2	2,4-Dinitrotoluene	ND	2.0	0.45	ug/l	
606-20-2	2,6-Dinitrotoluene	ND	2.0	0.60	ug/l	
91-94-1	3,3'-Dichlorobenzidine	ND	5.0	4.6	ug/l	
53-70-3	Dibenzo(a,h)anthracene	ND	1.0	0.45	ug/l	
132-64-9	Dibenzofuran	0.64	5.0	0.49	ug/l	J
84-74-2	Di-n-butyl phthalate	ND	2.0	0.50	ug/l	
117-84-0	Di-n-octyl phthalate	ND	2.0	0.50	ug/l	
84-66-2	Diethyl phthalate	ND	2.0	0.36	ug/l	
131-11-3	Dimethyl phthalate	ND	2.0	0.36	ug/l	
117-81-7	bis(2-Ethylhexyl)phthalate	1.2	2.0	0.75	ug/l	JB
206-44-0	Fluoranthene	0.48	1.0	0.40	ug/l	J
86-73-7	Fluorene	1.2	1.0	0.40	ug/l	
118-74-1	Hexachlorobenzene	ND	2.0	0.45	ug/l	
87-68-3	Hexachlorobutadiene	ND	1.0	0.38	ug/l	
77-47-4	Hexachlorocyclopentadiene	ND	20	4.5	ug/l	
67-72-1	Hexachloroethane	ND	5.0	0.30	ug/l	
193-39-5	Indeno(1,2,3-cd)pyrene	ND	1.0	0.42	ug/l	
78-59-1	Isophorone	ND	2.0	0.69	ug/l	
91-57-6	2-Methylnaphthalene	ND	2.0	0.43	ug/l	
88-74-4	2-Nitroaniline	ND	5.0	0.45	ug/l	
99-09-2	3-Nitroaniline	ND	5.0	0.45	ug/l	
100-01-6	4-Nitroaniline	ND	5.0	0.45	ug/l	
91-20-3	Naphthalene	ND	1.0	0.32	ug/l	
98-95-3	Nitrobenzene	ND	2.0	0.66	ug/l	
621-64-7	N-Nitroso-di-n-propylamine	ND	2.0	0.39	ug/l	
86-30-6	N-Nitrosodiphenylamine	ND	5.0	0.61	ug/l	
85-01-8	Phenanthrene	1.3	1.0	0.34	ug/l	
129-00-0	Pyrene	ND	1.0	0.48	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
367-12-4	2-Fluorophenol	49%		10-69%
4165-62-2	Phenol-d5	31%		10-52%
118-79-6	2,4,6-Tribromophenol	93%		32-134%
4165-60-0	Nitrobenzene-d5	70%		23-116%

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:	MW-2		
Lab Sample ID:	JA12935-4	**Date Sampled:**	02/25/09
Matrix:	AQ - Ground Water	**Date Received:**	02/26/09
Method:	SW846 8270C SW846 3510C	**Percent Solids:**	n/a
Project:	Via Verde, 700-730 Brook Avenue, Bronx, NY		

ABN TCL List (CLP4.2 list)

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
321-60-8	2-Fluorobiphenyl	76%		28-109%
1718-51-0	Terphenyl-d14	73%		24-125%

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: MW-2
Lab Sample ID: JA12935-4 **Date Sampled:** 02/25/09
Matrix: AQ - Ground Water **Date Received:** 02/26/09
Method: SW846 8081A SW846 3510C **Percent Solids:** n/a
Project: Via Verde, 700-730 Brook Avenue, Bronx, NY

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	XX84677.D	1	03/02/09	JSE	02/27/09	OP37071	GXX3408
Run #2							

	Initial Volume	Final Volume
Run #1	1000 ml	10.0 ml
Run #2		

Pesticide TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
309-00-2	Aldrin	ND	0.020	0.0017	ug/l	
319-84-6	alpha-BHC	ND	0.020	0.00099	ug/l	
319-85-7	beta-BHC	ND	0.020	0.0035	ug/l	
319-86-8	delta-BHC	ND	0.020	0.0035	ug/l	
58-89-9	gamma-BHC (Lindane)	ND	0.020	0.0011	ug/l	
5103-71-9	alpha-Chlordane	ND	0.020	0.0020	ug/l	
5103-74-2	gamma-Chlordane	ND	0.020	0.0024	ug/l	
60-57-1	Dieldrin	ND	0.020	0.0014	ug/l	
72-54-8	4,4'-DDD	ND	0.020	0.0046	ug/l	
72-55-9	4,4'-DDE	ND	0.020	0.0013	ug/l	
50-29-3	4,4'-DDT	ND	0.020	0.0035	ug/l	
72-20-8	Endrin	ND	0.020	0.0031	ug/l	
1031-07-8	Endosulfan sulfate	ND	0.020	0.0026	ug/l	
7421-93-4	Endrin aldehyde	ND	0.020	0.0037	ug/l	
53494-70-5	Endrin ketone	ND	0.020	0.0026	ug/l	
959-98-8	Endosulfan-I	ND	0.020	0.0018	ug/l	
33213-65-9	Endosulfan-II	ND	0.020	0.0035	ug/l	
76-44-8	Heptachlor	ND	0.020	0.0020	ug/l	
1024-57-3	Heptachlor epoxide	ND	0.020	0.0016	ug/l	
72-43-5	Methoxychlor	ND	0.020	0.0068	ug/l	
8001-35-2	Toxaphene	ND	0.25	0.21	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
877-09-8	Tetrachloro-m-xylene	61%		24-127%
877-09-8	Tetrachloro-m-xylene	53%		24-127%
2051-24-3	Decachlorobiphenyl	54%		7-131%
2051-24-3	Decachlorobiphenyl	55%		7-131%

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:	MW-2		
Lab Sample ID:	JA12935-4	**Date Sampled:**	02/25/09
Matrix:	AQ - Ground Water	**Date Received:**	02/26/09
Method:	SW846 8082 SW846 3510C	**Percent Solids:**	n/a
Project:	Via Verde, 700-730 Brook Avenue, Bronx, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	AB79927.D	1	03/02/09	JSE	02/27/09	OP37070	GAB5224
Run #2							

	Initial Volume	Final Volume
Run #1	1000 ml	10.0 ml
Run #2		

PCB List

CAS No.	Compound	Result	RL	MDL	Units	Q
12674-11-2	Aroclor 1016	ND	0.50	0.19	ug/l	
11104-28-2	Aroclor 1221	ND	0.50	0.31	ug/l	
11141-16-5	Aroclor 1232	ND	0.50	0.21	ug/l	
53469-21-9	Aroclor 1242	ND	0.50	0.089	ug/l	
12672-29-6	Aroclor 1248	ND	0.50	0.25	ug/l	
11097-69-1	Aroclor 1254	ND	0.50	0.11	ug/l	
11096-82-5	Aroclor 1260	ND	0.50	0.14	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
877-09-8	Tetrachloro-m-xylene	71%		30-140%
877-09-8	Tetrachloro-m-xylene	52%		30-140%
2051-24-3	Decachlorobiphenyl	66%		10-142%
2051-24-3	Decachlorobiphenyl	58%		10-142%

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: MW-2
Lab Sample ID: JA12935-4
Matrix: AQ - Ground Water
Project: Via Verde, 700-730 Brook Avenue, Bronx, NY

Date Sampled: 02/25/09
Date Received: 02/26/09
Percent Solids: n/a

Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Aluminum	651	200	ug/l	1	03/02/09	03/02/09	ND	SW846 6010B [1]	SW846 3010A [4]
Antimony	< 6.0	6.0	ug/l	1	03/02/09	03/02/09	ND	SW846 6010B [1]	SW846 3010A [4]
Arsenic	< 3.0	3.0	ug/l	1	03/02/09	03/02/09	ND	SW846 6010B [1]	SW846 3010A [4]
Barium	< 200	200	ug/l	1	03/02/09	03/02/09	ND	SW846 6010B [1]	SW846 3010A [4]
Beryllium	< 1.0	1.0	ug/l	1	03/02/09	03/02/09	ND	SW846 6010B [1]	SW846 3010A [4]
Cadmium	< 3.0	3.0	ug/l	1	03/02/09	03/02/09	ND	SW846 6010B [1]	SW846 3010A [4]
Calcium	130000	5000	ug/l	1	03/02/09	03/02/09	ND	SW846 6010B [1]	SW846 3010A [4]
Chromium	< 10	10	ug/l	1	03/02/09	03/02/09	ND	SW846 6010B [1]	SW846 3010A [4]
Cobalt	< 50	50	ug/l	1	03/02/09	03/02/09	ND	SW846 6010B [1]	SW846 3010A [4]
Copper	< 10	10	ug/l	1	03/02/09	03/02/09	ND	SW846 6010B [1]	SW846 3010A [4]
Iron	1130	100	ug/l	1	03/02/09	03/02/09	ND	SW846 6010B [1]	SW846 3010A [4]
Lead	< 3.0	3.0	ug/l	1	03/02/09	03/03/09	JF	SW846 6010B [3]	SW846 3010A [4]
Magnesium	25200	5000	ug/l	1	03/02/09	03/02/09	ND	SW846 6010B [1]	SW846 3010A [4]
Manganese	83.3	15	ug/l	1	03/02/09	03/02/09	ND	SW846 6010B [1]	SW846 3010A [4]
Mercury	< 0.20	0.20	ug/l	1	03/03/09	03/03/09	JW	SW846 7470A [2]	SW846 7470A [5]
Nickel	< 10	10	ug/l	1	03/02/09	03/02/09	ND	SW846 6010B [1]	SW846 3010A [4]
Potassium	< 10000	10000	ug/l	1	03/02/09	03/02/09	ND	SW846 6010B [1]	SW846 3010A [4]
Selenium	< 10	10	ug/l	1	03/02/09	03/02/09	ND	SW846 6010B [1]	SW846 3010A [4]
Silver	< 10	10	ug/l	1	03/02/09	03/02/09	ND	SW846 6010B [1]	SW846 3010A [4]
Sodium	38000	10000	ug/l	1	03/02/09	03/02/09	ND	SW846 6010B [1]	SW846 3010A [4]
Thallium	< 10	10	ug/l	1	03/02/09	03/02/09	ND	SW846 6010B [1]	SW846 3010A [4]
Vanadium	< 50	50	ug/l	1	03/02/09	03/02/09	ND	SW846 6010B [1]	SW846 3010A [4]
Zinc	< 20	20	ug/l	1	03/02/09	03/02/09	ND	SW846 6010B [1]	SW846 3010A [4]

(1) Instrument QC Batch: MA22213
(2) Instrument QC Batch: MA22215
(3) Instrument QC Batch: MA22218
(4) Prep QC Batch: MP47374
(5) Prep QC Batch: MP47392

RL = Reporting Limit

Report of Analysis

Client Sample ID:	MW-2		
Lab Sample ID:	JA12935-4F	**Date Sampled:**	02/25/09
Matrix:	AQ - Groundwater Filtered	**Date Received:**	02/26/09
		Percent Solids:	n/a
Project:	Via Verde, 700-730 Brook Avenue, Bronx, NY		

Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Aluminum	< 200	200	ug/l	1	03/02/09	03/02/09	ND	SW846 6010B [1]	SW846 3010A [4]
Antimony	< 6.0	6.0	ug/l	1	03/02/09	03/02/09	ND	SW846 6010B [1]	SW846 3010A [4]
Arsenic	< 3.0	3.0	ug/l	1	03/02/09	03/02/09	ND	SW846 6010B [1]	SW846 3010A [4]
Barium	< 200	200	ug/l	1	03/02/09	03/02/09	ND	SW846 6010B [1]	SW846 3010A [4]
Beryllium	< 1.0	1.0	ug/l	1	03/02/09	03/02/09	ND	SW846 6010B [1]	SW846 3010A [4]
Cadmium	< 3.0	3.0	ug/l	1	03/02/09	03/02/09	ND	SW846 6010B [1]	SW846 3010A [4]
Calcium	130000	5000	ug/l	1	03/02/09	03/02/09	ND	SW846 6010B [1]	SW846 3010A [4]
Chromium	< 10	10	ug/l	1	03/02/09	03/02/09	ND	SW846 6010B [1]	SW846 3010A [4]
Cobalt	< 50	50	ug/l	1	03/02/09	03/02/09	ND	SW846 6010B [1]	SW846 3010A [4]
Copper	< 10	10	ug/l	1	03/02/09	03/02/09	ND	SW846 6010B [1]	SW846 3010A [4]
Iron	< 100	100	ug/l	1	03/02/09	03/02/09	ND	SW846 6010B [1]	SW846 3010A [4]
Lead	< 3.0	3.0	ug/l	1	03/02/09	03/03/09	JF	SW846 6010B [3]	SW846 3010A [4]
Magnesium	25000	5000	ug/l	1	03/02/09	03/02/09	ND	SW846 6010B [1]	SW846 3010A [4]
Manganese	59.9	15	ug/l	1	03/02/09	03/02/09	ND	SW846 6010B [1]	SW846 3010A [4]
Mercury	< 0.20	0.20	ug/l	1	03/03/09	03/03/09	JW	SW846 7470A [2]	SW846 7470A [5]
Nickel	< 10	10	ug/l	1	03/02/09	03/02/09	ND	SW846 6010B [1]	SW846 3010A [4]
Potassium	< 10000	10000	ug/l	1	03/02/09	03/02/09	ND	SW846 6010B [1]	SW846 3010A [4]
Selenium	< 10	10	ug/l	1	03/02/09	03/02/09	ND	SW846 6010B [1]	SW846 3010A [4]
Silver	< 10	10	ug/l	1	03/02/09	03/02/09	ND	SW846 6010B [1]	SW846 3010A [4]
Sodium	37300	10000	ug/l	1	03/02/09	03/02/09	ND	SW846 6010B [1]	SW846 3010A [4]
Thallium	< 10	10	ug/l	1	03/02/09	03/02/09	ND	SW846 6010B [1]	SW846 3010A [4]
Vanadium	< 50	50	ug/l	1	03/02/09	03/02/09	ND	SW846 6010B [1]	SW846 3010A [4]
Zinc	< 20	20	ug/l	1	03/02/09	03/02/09	ND	SW846 6010B [1]	SW846 3010A [4]

(1) Instrument QC Batch: MA22213
(2) Instrument QC Batch: MA22215
(3) Instrument QC Batch: MA22218
(4) Prep QC Batch: MP47374
(5) Prep QC Batch: MP47393

RL = Reporting Limit

Report of Analysis

Client Sample ID:	MW-1		
Lab Sample ID:	JA12935-5	**Date Sampled:**	02/25/09
Matrix:	AQ - Ground Water	**Date Received:**	02/26/09
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	Via Verde, 700-730 Brook Avenue, Bronx, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	2B54493.D	1	03/02/09	MFH	n/a	n/a	V2B2417
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

VOA 8260 List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	11.2	10	2.1	ug/l	
71-43-2	Benzene	3.3	1.0	0.26	ug/l	
108-86-1	Bromobenzene	ND	5.0	0.18	ug/l	
74-97-5	Bromochloromethane	ND	5.0	0.24	ug/l	
75-27-4	Bromodichloromethane	ND	1.0	0.14	ug/l	
75-25-2	Bromoform	ND	4.0	0.18	ug/l	
74-83-9	Bromomethane	ND	2.0	0.32	ug/l	
78-93-3	2-Butanone (MEK)	ND	10	2.3	ug/l	
104-51-8	n-Butylbenzene	ND	5.0	0.61	ug/l	
135-98-8	sec-Butylbenzene	2.7	5.0	0.27	ug/l	J
98-06-6	tert-Butylbenzene	2.0	5.0	0.15	ug/l	J
56-23-5	Carbon tetrachloride	ND	1.0	0.18	ug/l	
108-90-7	Chlorobenzene	ND	1.0	0.19	ug/l	
75-00-3	Chloroethane	1.4	1.0	0.22	ug/l	
67-66-3	Chloroform	0.33	1.0	0.16	ug/l	J
74-87-3	Chloromethane	1.2	1.0	0.29	ug/l	
95-49-8	o-Chlorotoluene	ND	5.0	0.55	ug/l	
106-43-4	p-Chlorotoluene	ND	5.0	0.34	ug/l	
96-12-8	1,2-Dibromo-3-chloropropane	ND	10	1.3	ug/l	
124-48-1	Dibromochloromethane	ND	1.0	0.16	ug/l	
106-93-4	1,2-Dibromoethane	ND	2.0	0.18	ug/l	
95-50-1	1,2-Dichlorobenzene	ND	1.0	0.18	ug/l	
541-73-1	1,3-Dichlorobenzene	ND	1.0	0.26	ug/l	
106-46-7	1,4-Dichlorobenzene	ND	1.0	0.22	ug/l	
75-71-8	Dichlorodifluoromethane	ND	5.0	0.88	ug/l	
75-34-3	1,1-Dichloroethane	ND	1.0	0.24	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.35	ug/l	
75-35-4	1,1-Dichloroethene	ND	1.0	0.29	ug/l	
156-59-2	cis-1,2-Dichloroethene	ND	1.0	0.25	ug/l	
156-60-5	trans-1,2-Dichloroethene	ND	1.0	0.16	ug/l	
78-87-5	1,2-Dichloropropane	ND	1.0	0.18	ug/l	
142-28-9	1,3-Dichloropropane	ND	5.0	0.20	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:	MW-1		
Lab Sample ID:	JA12935-5	**Date Sampled:**	02/25/09
Matrix:	AQ - Ground Water	**Date Received:**	02/26/09
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	Via Verde, 700-730 Brook Avenue, Bronx, NY		

VOA 8260 List

CAS No.	Compound	Result	RL	MDL	Units	Q
594-20-7	2,2-Dichloropropane	ND	5.0	0.19	ug/l	
563-58-6	1,1-Dichloropropene	ND	5.0	0.23	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND	1.0	0.18	ug/l	
10061-02-6	trans-1,3-Dichloropropene	ND	1.0	0.15	ug/l	
100-41-4	Ethylbenzene	4.1	1.0	0.27	ug/l	
87-68-3	Hexachlorobutadiene	ND	5.0	0.23	ug/l	
98-82-8	Isopropylbenzene	22.5	2.0	0.19	ug/l	
99-87-6	p-Isopropyltoluene	0.63	5.0	0.25	ug/l	J
1634-04-4	Methyl Tert Butyl Ether	0.41	1.0	0.16	ug/l	J
108-10-1	4-Methyl-2-pentanone(MIBK)	ND	5.0	1.3	ug/l	
74-95-3	Methylene bromide	ND	5.0	0.18	ug/l	
75-09-2	Methylene chloride	ND	2.0	0.16	ug/l	
91-20-3	Naphthalene	6.7	5.0	1.2	ug/l	
103-65-1	n-Propylbenzene	20.1	5.0	0.18	ug/l	
100-42-5	Styrene	ND	5.0	0.17	ug/l	
630-20-6	1,1,1,2-Tetrachloroethane	ND	5.0	0.12	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0	0.13	ug/l	
127-18-4	Tetrachloroethene	ND	1.0	0.29	ug/l	
108-88-3	Toluene	1.1	1.0	0.15	ug/l	
87-61-6	1,2,3-Trichlorobenzene	ND	5.0	1.2	ug/l	
120-82-1	1,2,4-Trichlorobenzene	ND	5.0	1.3	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	0.17	ug/l	
79-01-6	Trichloroethene	ND	1.0	0.18	ug/l	
75-69-4	Trichlorofluoromethane	ND	5.0	0.25	ug/l	
96-18-4	1,2,3-Trichloropropane	ND	5.0	1.3	ug/l	
95-63-6	1,2,4-Trimethylbenzene	8.3	5.0	0.22	ug/l	
108-67-8	1,3,5-Trimethylbenzene	6.4	5.0	0.58	ug/l	
75-01-4	Vinyl chloride	ND	1.0	0.21	ug/l	
	m,p-Xylene	2.0	1.0	0.39	ug/l	
95-47-6	o-Xylene	1.2	1.0	0.39	ug/l	
1330-20-7	Xylene (total)	3.2	1.0	0.39	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	94%		72-120%
17060-07-0	1,2-Dichloroethane-D4	103%		59-137%
2037-26-5	Toluene-D8	92%		73-116%
460-00-4	4-Bromofluorobenzene	85%		69-126%

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: MW-1
Lab Sample ID: JA12935-5 **Date Sampled:** 02/25/09
Matrix: AQ - Ground Water **Date Received:** 02/26/09
Method: SW846 8270C SW846 3510C **Percent Solids:** n/a
Project: Via Verde, 700-730 Brook Avenue, Bronx, NY

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	R71344.D	1	03/04/09	VN	02/27/09	OP37066	ER2653
Run #2							

	Initial Volume	Final Volume
Run #1	1000 ml	1.0 ml
Run #2		

ABN TCL List (CLP4.2 list)

CAS No.	Compound	Result	RL	MDL	Units	Q
95-57-8	2-Chlorophenol	ND	5.0	1.5	ug/l	
59-50-7	4-Chloro-3-methyl phenol	ND	5.0	2.3	ug/l	
120-83-2	2,4-Dichlorophenol	ND	5.0	1.9	ug/l	
105-67-9	2,4-Dimethylphenol	ND	5.0	2.0	ug/l	
51-28-5	2,4-Dinitrophenol	ND	20	4.2	ug/l	
534-52-1	4,6-Dinitro-o-cresol	ND	20	1.2	ug/l	
95-48-7	2-Methylphenol	ND	2.0	1.4	ug/l	
	3&4-Methylphenol	ND	2.0	1.5	ug/l	
88-75-5	2-Nitrophenol	ND	5.0	1.9	ug/l	
100-02-7	4-Nitrophenol	ND	10	2.3	ug/l	
87-86-5	Pentachlorophenol	ND	10	1.2	ug/l	
108-95-2	Phenol	ND	2.0	1.4	ug/l	
95-95-4	2,4,5-Trichlorophenol	ND	5.0	2.0	ug/l	
88-06-2	2,4,6-Trichlorophenol	ND	5.0	1.6	ug/l	
83-32-9	Acenaphthene	0.58	1.0	0.38	ug/l	J
208-96-8	Acenaphthylene	ND	1.0	0.54	ug/l	
98-86-2	Acetophenone	ND	5.0	0.47	ug/l	
120-12-7	Anthracene	ND	1.0	0.42	ug/l	
1912-24-9	Atrazine	ND	5.0	0.62	ug/l	
100-52-7	Benzaldehyde	ND	5.0	1.6	ug/l	
56-55-3	Benzo(a)anthracene	ND	1.0	0.38	ug/l	
50-32-8	Benzo(a)pyrene	ND	1.0	0.48	ug/l	
205-99-2	Benzo(b)fluoranthene	ND	1.0	0.53	ug/l	
191-24-2	Benzo(g,h,i)perylene	ND	1.0	0.46	ug/l	
207-08-9	Benzo(k)fluoranthene	ND	1.0	0.57	ug/l	
101-55-3	4-Bromophenyl phenyl ether	ND	2.0	0.41	ug/l	
85-68-7	Butyl benzyl phthalate	ND	2.0	0.42	ug/l	
92-52-4	1,1'-Biphenyl	ND	2.0	0.55	ug/l	
91-58-7	2-Chloronaphthalene	ND	5.0	0.48	ug/l	
106-47-8	4-Chloroaniline	ND	5.0	0.33	ug/l	
86-74-8	Carbazole	ND	2.0	0.45	ug/l	
105-60-2	Caprolactam	ND	2.0	0.63	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:	MW-1		
Lab Sample ID:	JA12935-5	**Date Sampled:**	02/25/09
Matrix:	AQ - Ground Water	**Date Received:**	02/26/09
Method:	SW846 8270C SW846 3510C	**Percent Solids:**	n/a
Project:	Via Verde, 700-730 Brook Avenue, Bronx, NY		

ABN TCL List (CLP4.2 list)

CAS No.	Compound	Result	RL	MDL	Units	Q
218-01-9	Chrysene	ND	1.0	0.44	ug/l	
111-91-1	bis(2-Chloroethoxy)methane	ND	2.0	0.52	ug/l	
111-44-4	bis(2-Chloroethyl)ether	ND	2.0	0.49	ug/l	
108-60-1	bis(2-Chloroisopropyl)ether	ND	2.0	0.54	ug/l	
7005-72-3	4-Chlorophenyl phenyl ether	ND	2.0	0.45	ug/l	
121-14-2	2,4-Dinitrotoluene	ND	2.0	0.45	ug/l	
606-20-2	2,6-Dinitrotoluene	ND	2.0	0.60	ug/l	
91-94-1	3,3'-Dichlorobenzidine	ND	5.0	4.6	ug/l	
53-70-3	Dibenzo(a,h)anthracene	ND	1.0	0.45	ug/l	
132-64-9	Dibenzofuran	0.61	5.0	0.49	ug/l	J
84-74-2	Di-n-butyl phthalate	ND	2.0	0.50	ug/l	
117-84-0	Di-n-octyl phthalate	ND	2.0	0.50	ug/l	
84-66-2	Diethyl phthalate	ND	2.0	0.36	ug/l	
131-11-3	Dimethyl phthalate	ND	2.0	0.36	ug/l	
117-81-7	bis(2-Ethylhexyl)phthalate	43.8	2.0	0.75	ug/l	
206-44-0	Fluoranthene	ND	1.0	0.40	ug/l	
86-73-7	Fluorene	0.96	1.0	0.40	ug/l	J
118-74-1	Hexachlorobenzene	ND	2.0	0.45	ug/l	
87-68-3	Hexachlorobutadiene	ND	1.0	0.38	ug/l	
77-47-4	Hexachlorocyclopentadiene	ND	20	4.5	ug/l	
67-72-1	Hexachloroethane	ND	5.0	0.30	ug/l	
193-39-5	Indeno(1,2,3-cd)pyrene	ND	1.0	0.42	ug/l	
78-59-1	Isophorone	ND	2.0	0.69	ug/l	
91-57-6	2-Methylnaphthalene	6.8	2.0	0.43	ug/l	
88-74-4	2-Nitroaniline	ND	5.0	0.45	ug/l	
99-09-2	3-Nitroaniline	ND	5.0	0.45	ug/l	
100-01-6	4-Nitroaniline	ND	5.0	0.45	ug/l	
91-20-3	Naphthalene	2.4	1.0	0.32	ug/l	
98-95-3	Nitrobenzene	ND	2.0	0.66	ug/l	
621-64-7	N-Nitroso-di-n-propylamine	ND	2.0	0.39	ug/l	
86-30-6	N-Nitrosodiphenylamine	ND	5.0	0.61	ug/l	
85-01-8	Phenanthrene	0.75	1.0	0.34	ug/l	J
129-00-0	Pyrene	ND	1.0	0.48	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
367-12-4	2-Fluorophenol	56%		10-69%
4165-62-2	Phenol-d5	38%		10-52%
118-79-6	2,4,6-Tribromophenol	100%		32-134%
4165-60-0	Nitrobenzene-d5	59%		23-116%

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:	MW-1		
Lab Sample ID:	JA12935-5	**Date Sampled:**	02/25/09
Matrix:	AQ - Ground Water	**Date Received:**	02/26/09
Method:	SW846 8270C SW846 3510C	**Percent Solids:**	n/a
Project:	Via Verde, 700-730 Brook Avenue, Bronx, NY		

ABN TCL List (CLP4.2 list)

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
321-60-8	2-Fluorobiphenyl	65%		28-109%
1718-51-0	Terphenyl-d14	55%		24-125%

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: MW-1
Lab Sample ID: JA12935-5 **Date Sampled:** 02/25/09
Matrix: AQ - Ground Water **Date Received:** 02/26/09
Method: SW846 8081A SW846 3510C **Percent Solids:** n/a
Project: Via Verde, 700-730 Brook Avenue, Bronx, NY

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	XX84665.D	1	03/02/09	JSE	02/27/09	OP37071	GXX3408
Run #2							

	Initial Volume	Final Volume
Run #1	860 ml	10.0 ml
Run #2		

Pesticide TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
309-00-2	Aldrin	ND	0.023	0.0020	ug/l	
319-84-6	alpha-BHC	ND	0.023	0.0012	ug/l	
319-85-7	beta-BHC	ND	0.023	0.0041	ug/l	
319-86-8	delta-BHC	ND	0.023	0.0041	ug/l	
58-89-9	gamma-BHC (Lindane)	ND	0.023	0.0013	ug/l	
5103-71-9	alpha-Chlordane	ND	0.023	0.0023	ug/l	
5103-74-2	gamma-Chlordane	ND	0.023	0.0028	ug/l	
60-57-1	Dieldrin	ND	0.023	0.0016	ug/l	
72-54-8	4,4'-DDD	ND	0.023	0.0053	ug/l	
72-55-9	4,4'-DDE	ND	0.023	0.0015	ug/l	
50-29-3	4,4'-DDT	ND	0.023	0.0041	ug/l	
72-20-8	Endrin	ND	0.023	0.0036	ug/l	
1031-07-8	Endosulfan sulfate	ND	0.023	0.0030	ug/l	
7421-93-4	Endrin aldehyde	ND	0.023	0.0043	ug/l	
53494-70-5	Endrin ketone	ND	0.023	0.0030	ug/l	
959-98-8	Endosulfan-I	ND	0.023	0.0021	ug/l	
33213-65-9	Endosulfan-II	ND	0.023	0.0040	ug/l	
76-44-8	Heptachlor	ND	0.023	0.0023	ug/l	
1024-57-3	Heptachlor epoxide	ND	0.023	0.0018	ug/l	
72-43-5	Methoxychlor	ND	0.023	0.0079	ug/l	
8001-35-2	Toxaphene	ND	0.29	0.25	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
877-09-8	Tetrachloro-m-xylene	84%		24-127%
877-09-8	Tetrachloro-m-xylene	54%		24-127%
2051-24-3	Decachlorobiphenyl	44%		7-131%
2051-24-3	Decachlorobiphenyl	44%		7-131%

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:	MW-1		
Lab Sample ID:	JA12935-5	**Date Sampled:**	02/25/09
Matrix:	AQ - Ground Water	**Date Received:**	02/26/09
Method:	SW846 8082 SW846 3510C	**Percent Solids:**	n/a
Project:	Via Verde, 700-730 Brook Avenue, Bronx, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	AB79915.D	1	03/02/09	JSE	02/27/09	OP37070	GAB5224
Run #2							

	Initial Volume	Final Volume
Run #1	860 ml	10.0 ml
Run #2		

PCB List

CAS No.	Compound	Result	RL	MDL	Units	Q
12674-11-2	Aroclor 1016	ND	0.58	0.22	ug/l	
11104-28-2	Aroclor 1221	ND	0.58	0.36	ug/l	
11141-16-5	Aroclor 1232	ND	0.58	0.24	ug/l	
53469-21-9	Aroclor 1242	ND	0.58	0.10	ug/l	
12672-29-6	Aroclor 1248	ND	0.58	0.30	ug/l	
11097-69-1	Aroclor 1254	ND	0.58	0.13	ug/l	
11096-82-5	Aroclor 1260	ND	0.58	0.17	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
877-09-8	Tetrachloro-m-xylene	86%		30-140%
877-09-8	Tetrachloro-m-xylene	64%		30-140%
2051-24-3	Decachlorobiphenyl	222% [a]		10-142%
2051-24-3	Decachlorobiphenyl	52%		10-142%

(a) Outside control limits due to matrix interference.

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: MW-1
Lab Sample ID: JA12935-5
Matrix: AQ - Ground Water
Project: Via Verde, 700-730 Brook Avenue, Bronx, NY

Date Sampled: 02/25/09
Date Received: 02/26/09
Percent Solids: n/a

Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Aluminum	67900	200	ug/l	1	03/02/09	03/02/09	ND	SW846 6010B [1]	SW846 3010A [4]
Antimony	< 6.0	6.0	ug/l	1	03/02/09	03/02/09	ND	SW846 6010B [1]	SW846 3010A [4]
Arsenic	18.2	3.0	ug/l	1	03/02/09	03/03/09	JF	SW846 6010B [3]	SW846 3010A [4]
Barium	790	200	ug/l	1	03/02/09	03/02/09	ND	SW846 6010B [1]	SW846 3010A [4]
Beryllium	1.4	1.0	ug/l	1	03/02/09	03/03/09	JF	SW846 6010B [3]	SW846 3010A [4]
Cadmium	< 3.0	3.0	ug/l	1	03/02/09	03/02/09	ND	SW846 6010B [1]	SW846 3010A [4]
Calcium	188000	5000	ug/l	1	03/02/09	03/02/09	ND	SW846 6010B [1]	SW846 3010A [4]
Chromium	147	10	ug/l	1	03/02/09	03/02/09	ND	SW846 6010B [1]	SW846 3010A [4]
Cobalt	67.4	50	ug/l	1	03/02/09	03/02/09	ND	SW846 6010B [1]	SW846 3010A [4]
Copper	263	10	ug/l	1	03/02/09	03/02/09	ND	SW846 6010B [1]	SW846 3010A [4]
Iron	138000	100	ug/l	1	03/02/09	03/02/09	ND	SW846 6010B [1]	SW846 3010A [4]
Lead [a]	278	6.0	ug/l	2	03/02/09	03/03/09	JF	SW846 6010B [3]	SW846 3010A [4]
Magnesium	95400	5000	ug/l	1	03/02/09	03/02/09	ND	SW846 6010B [1]	SW846 3010A [4]
Manganese	5460	15	ug/l	1	03/02/09	03/02/09	ND	SW846 6010B [1]	SW846 3010A [4]
Mercury [b]	< 0.40	0.40	ug/l	1	03/03/09	03/03/09	JW	SW846 7470A [2]	SW846 7470A [5]
Nickel	141	10	ug/l	1	03/02/09	03/02/09	ND	SW846 6010B [1]	SW846 3010A [4]
Potassium	29300	10000	ug/l	1	03/02/09	03/02/09	ND	SW846 6010B [1]	SW846 3010A [4]
Selenium	< 10	10	ug/l	1	03/02/09	03/02/09	ND	SW846 6010B [1]	SW846 3010A [4]
Silver	< 10	10	ug/l	1	03/02/09	03/02/09	ND	SW846 6010B [1]	SW846 3010A [4]
Sodium	23400	10000	ug/l	1	03/02/09	03/02/09	ND	SW846 6010B [1]	SW846 3010A [4]
Thallium	< 10	10	ug/l	1	03/02/09	03/02/09	ND	SW846 6010B [1]	SW846 3010A [4]
Vanadium	183	50	ug/l	1	03/02/09	03/02/09	ND	SW846 6010B [1]	SW846 3010A [4]
Zinc	457	20	ug/l	1	03/02/09	03/02/09	ND	SW846 6010B [1]	SW846 3010A [4]

(1) Instrument QC Batch: MA22213
(2) Instrument QC Batch: MA22215
(3) Instrument QC Batch: MA22218
(4) Prep QC Batch: MP47374
(5) Prep QC Batch: MP47392

(a) Elevated detection limit due to dilution required for high interfering element.
(b) Elevated sample detection limit due to difficult sample matrix.

RL = Reporting Limit

Report of Analysis

Client Sample ID: MW-1
Lab Sample ID: JA12935-5F
Matrix: AQ - Groundwater Filtered
Project: Via Verde, 700-730 Brook Avenue, Bronx, NY

Date Sampled: 02/25/09
Date Received: 02/26/09
Percent Solids: n/a

Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Aluminum	< 200	200	ug/l	1	03/02/09	03/02/09	ND	SW846 6010B [1]	SW846 3010A [4]
Antimony	< 6.0	6.0	ug/l	1	03/02/09	03/02/09	ND	SW846 6010B [1]	SW846 3010A [4]
Arsenic	< 3.0	3.0	ug/l	1	03/02/09	03/02/09	ND	SW846 6010B [1]	SW846 3010A [4]
Barium	< 200	200	ug/l	1	03/02/09	03/02/09	ND	SW846 6010B [1]	SW846 3010A [4]
Beryllium	< 1.0	1.0	ug/l	1	03/02/09	03/02/09	ND	SW846 6010B [1]	SW846 3010A [4]
Cadmium	< 3.0	3.0	ug/l	1	03/02/09	03/02/09	ND	SW846 6010B [1]	SW846 3010A [4]
Calcium	93000	5000	ug/l	1	03/02/09	03/02/09	ND	SW846 6010B [1]	SW846 3010A [4]
Chromium	< 10	10	ug/l	1	03/02/09	03/02/09	ND	SW846 6010B [1]	SW846 3010A [4]
Cobalt	< 50	50	ug/l	1	03/02/09	03/02/09	ND	SW846 6010B [1]	SW846 3010A [4]
Copper	< 10	10	ug/l	1	03/02/09	03/02/09	ND	SW846 6010B [1]	SW846 3010A [4]
Iron	2350	100	ug/l	1	03/02/09	03/02/09	ND	SW846 6010B [1]	SW846 3010A [4]
Lead	11.8	3.0	ug/l	1	03/02/09	03/03/09	JF	SW846 6010B [3]	SW846 3010A [4]
Magnesium	20500	5000	ug/l	1	03/02/09	03/02/09	ND	SW846 6010B [1]	SW846 3010A [4]
Manganese	3030	15	ug/l	1	03/02/09	03/02/09	ND	SW846 6010B [1]	SW846 3010A [4]
Mercury	< 0.20	0.20	ug/l	1	03/03/09	03/03/09	JW	SW846 7470A [2]	SW846 7470A [5]
Nickel	< 10	10	ug/l	1	03/02/09	03/02/09	ND	SW846 6010B [1]	SW846 3010A [4]
Potassium	10400	10000	ug/l	1	03/02/09	03/02/09	ND	SW846 6010B [1]	SW846 3010A [4]
Selenium	< 10	10	ug/l	1	03/02/09	03/02/09	ND	SW846 6010B [1]	SW846 3010A [4]
Silver	< 10	10	ug/l	1	03/02/09	03/02/09	ND	SW846 6010B [1]	SW846 3010A [4]
Sodium	24800	10000	ug/l	1	03/02/09	03/02/09	ND	SW846 6010B [1]	SW846 3010A [4]
Thallium	< 10	10	ug/l	1	03/02/09	03/02/09	ND	SW846 6010B [1]	SW846 3010A [4]
Vanadium	< 50	50	ug/l	1	03/02/09	03/02/09	ND	SW846 6010B [1]	SW846 3010A [4]
Zinc	< 20	20	ug/l	1	03/02/09	03/02/09	ND	SW846 6010B [1]	SW846 3010A [4]

(1) Instrument QC Batch: MA22213
(2) Instrument QC Batch: MA22215
(3) Instrument QC Batch: MA22218
(4) Prep QC Batch: MP47374
(5) Prep QC Batch: MP47393

RL = Reporting Limit

Report of Analysis

Client Sample ID:	MW-X		
Lab Sample ID:	JA12935-6	**Date Sampled:**	02/25/09
Matrix:	AQ - Ground Water	**Date Received:**	02/26/09
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	Via Verde, 700-730 Brook Avenue, Bronx, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	2B54494.D	1	03/02/09	MFH	n/a	n/a	V2B2417
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

VOA 8260 List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	9.8	10	2.1	ug/l	J
71-43-2	Benzene	3.5	1.0	0.26	ug/l	
108-86-1	Bromobenzene	ND	5.0	0.18	ug/l	
74-97-5	Bromochloromethane	ND	5.0	0.24	ug/l	
75-27-4	Bromodichloromethane	ND	1.0	0.14	ug/l	
75-25-2	Bromoform	ND	4.0	0.18	ug/l	
74-83-9	Bromomethane	ND	2.0	0.32	ug/l	
78-93-3	2-Butanone (MEK)	ND	10	2.3	ug/l	
104-51-8	n-Butylbenzene	ND	5.0	0.61	ug/l	
135-98-8	sec-Butylbenzene	2.9	5.0	0.27	ug/l	J
98-06-6	tert-Butylbenzene	2.0	5.0	0.15	ug/l	J
56-23-5	Carbon tetrachloride	ND	1.0	0.18	ug/l	
108-90-7	Chlorobenzene	ND	1.0	0.19	ug/l	
75-00-3	Chloroethane	1.7	1.0	0.22	ug/l	
67-66-3	Chloroform	0.31	1.0	0.16	ug/l	J
74-87-3	Chloromethane	1.3	1.0	0.29	ug/l	
95-49-8	o-Chlorotoluene	ND	5.0	0.55	ug/l	
106-43-4	p-Chlorotoluene	ND	5.0	0.34	ug/l	
96-12-8	1,2-Dibromo-3-chloropropane	ND	10	1.3	ug/l	
124-48-1	Dibromochloromethane	ND	1.0	0.16	ug/l	
106-93-4	1,2-Dibromoethane	ND	2.0	0.18	ug/l	
95-50-1	1,2-Dichlorobenzene	ND	1.0	0.18	ug/l	
541-73-1	1,3-Dichlorobenzene	ND	1.0	0.26	ug/l	
106-46-7	1,4-Dichlorobenzene	ND	1.0	0.22	ug/l	
75-71-8	Dichlorodifluoromethane	ND	5.0	0.88	ug/l	
75-34-3	1,1-Dichloroethane	ND	1.0	0.24	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.35	ug/l	
75-35-4	1,1-Dichloroethene	ND	1.0	0.29	ug/l	
156-59-2	cis-1,2-Dichloroethene	ND	1.0	0.25	ug/l	
156-60-5	trans-1,2-Dichloroethene	ND	1.0	0.16	ug/l	
78-87-5	1,2-Dichloropropane	ND	1.0	0.18	ug/l	
142-28-9	1,3-Dichloropropane	ND	5.0	0.20	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:	MW-X		
Lab Sample ID:	JA12935-6	**Date Sampled:**	02/25/09
Matrix:	AQ - Ground Water	**Date Received:**	02/26/09
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	Via Verde, 700-730 Brook Avenue, Bronx, NY		

VOA 8260 List

CAS No.	Compound	Result	RL	MDL	Units	Q
594-20-7	2,2-Dichloropropane	ND	5.0	0.19	ug/l	
563-58-6	1,1-Dichloropropene	ND	5.0	0.23	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND	1.0	0.18	ug/l	
10061-02-6	trans-1,3-Dichloropropene	ND	1.0	0.15	ug/l	
100-41-4	Ethylbenzene	4.3	1.0	0.27	ug/l	
87-68-3	Hexachlorobutadiene	ND	5.0	0.23	ug/l	
98-82-8	Isopropylbenzene	23.8	2.0	0.19	ug/l	
99-87-6	p-Isopropyltoluene	0.66	5.0	0.25	ug/l	J
1634-04-4	Methyl Tert Butyl Ether	0.44	1.0	0.16	ug/l	J
108-10-1	4-Methyl-2-pentanone(MIBK)	ND	5.0	1.3	ug/l	
74-95-3	Methylene bromide	ND	5.0	0.18	ug/l	
75-09-2	Methylene chloride	ND	2.0	0.16	ug/l	
91-20-3	Naphthalene	6.8	5.0	1.2	ug/l	
103-65-1	n-Propylbenzene	21.0	5.0	0.18	ug/l	
100-42-5	Styrene	ND	5.0	0.17	ug/l	
630-20-6	1,1,1,2-Tetrachloroethane	ND	5.0	0.12	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0	0.13	ug/l	
127-18-4	Tetrachloroethene	ND	1.0	0.29	ug/l	
108-88-3	Toluene	1.2	1.0	0.15	ug/l	
87-61-6	1,2,3-Trichlorobenzene	ND	5.0	1.2	ug/l	
120-82-1	1,2,4-Trichlorobenzene	ND	5.0	1.3	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	0.17	ug/l	
79-01-6	Trichloroethene	ND	1.0	0.18	ug/l	
75-69-4	Trichlorofluoromethane	ND	5.0	0.25	ug/l	
96-18-4	1,2,3-Trichloropropane	ND	5.0	1.3	ug/l	
95-63-6	1,2,4-Trimethylbenzene	8.6	5.0	0.22	ug/l	
108-67-8	1,3,5-Trimethylbenzene	6.9	5.0	0.58	ug/l	
75-01-4	Vinyl chloride	ND	1.0	0.21	ug/l	
	m,p-Xylene	2.1	1.0	0.39	ug/l	
95-47-6	o-Xylene	1.2	1.0	0.39	ug/l	
1330-20-7	Xylene (total)	3.3	1.0	0.39	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	92%		72-120%
17060-07-0	1,2-Dichloroethane-D4	98%		59-137%
2037-26-5	Toluene-D8	92%		73-116%
460-00-4	4-Bromofluorobenzene	85%		69-126%

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: MW-X
Lab Sample ID: JA12935-6 **Date Sampled:** 02/25/09
Matrix: AQ - Ground Water **Date Received:** 02/26/09
Method: SW846 8270C SW846 3510C **Percent Solids:** n/a
Project: Via Verde, 700-730 Brook Avenue, Bronx, NY

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	R71333.D	1	03/03/09	VN	02/27/09	OP37066	ER2652
Run #2							

	Initial Volume	Final Volume
Run #1	1000 ml	1.0 ml
Run #2		

ABN TCL List (CLP4.2 list)

CAS No.	Compound	Result	RL	MDL	Units	Q
95-57-8	2-Chlorophenol	ND	5.0	1.5	ug/l	
59-50-7	4-Chloro-3-methyl phenol	ND	5.0	2.3	ug/l	
120-83-2	2,4-Dichlorophenol	ND	5.0	1.9	ug/l	
105-67-9	2,4-Dimethylphenol	ND	5.0	2.0	ug/l	
51-28-5	2,4-Dinitrophenol	ND	20	4.2	ug/l	
534-52-1	4,6-Dinitro-o-cresol	ND	20	1.2	ug/l	
95-48-7	2-Methylphenol	ND	2.0	1.4	ug/l	
	3&4-Methylphenol	ND	2.0	1.5	ug/l	
88-75-5	2-Nitrophenol	ND	5.0	1.9	ug/l	
100-02-7	4-Nitrophenol	ND	10	2.3	ug/l	
87-86-5	Pentachlorophenol	ND	10	1.2	ug/l	
108-95-2	Phenol	ND	2.0	1.4	ug/l	
95-95-4	2,4,5-Trichlorophenol	ND	5.0	2.0	ug/l	
88-06-2	2,4,6-Trichlorophenol	ND	5.0	1.6	ug/l	
83-32-9	Acenaphthene	0.50	1.0	0.38	ug/l	J
208-96-8	Acenaphthylene	ND	1.0	0.54	ug/l	
98-86-2	Acetophenone	ND	5.0	0.47	ug/l	
120-12-7	Anthracene	ND	1.0	0.42	ug/l	
1912-24-9	Atrazine	ND	5.0	0.62	ug/l	
100-52-7	Benzaldehyde	ND	5.0	1.6	ug/l	
56-55-3	Benzo(a)anthracene	ND	1.0	0.38	ug/l	
50-32-8	Benzo(a)pyrene	ND	1.0	0.48	ug/l	
205-99-2	Benzo(b)fluoranthene	ND	1.0	0.53	ug/l	
191-24-2	Benzo(g,h,i)perylene	ND	1.0	0.46	ug/l	
207-08-9	Benzo(k)fluoranthene	ND	1.0	0.57	ug/l	
101-55-3	4-Bromophenyl phenyl ether	ND	2.0	0.41	ug/l	
85-68-7	Butyl benzyl phthalate	ND	2.0	0.42	ug/l	
92-52-4	1,1'-Biphenyl	ND	2.0	0.55	ug/l	
91-58-7	2-Chloronaphthalene	ND	5.0	0.48	ug/l	
106-47-8	4-Chloroaniline	ND	5.0	0.33	ug/l	
86-74-8	Carbazole	ND	2.0	0.45	ug/l	
105-60-2	Caprolactam	ND	2.0	0.63	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:	MW-X		
Lab Sample ID:	JA12935-6	**Date Sampled:**	02/25/09
Matrix:	AQ - Ground Water	**Date Received:**	02/26/09
Method:	SW846 8270C SW846 3510C	**Percent Solids:**	n/a
Project:	Via Verde, 700-730 Brook Avenue, Bronx, NY		

ABN TCL List (CLP4.2 list)

CAS No.	Compound	Result	RL	MDL	Units	Q
218-01-9	Chrysene	ND	1.0	0.44	ug/l	
111-91-1	bis(2-Chloroethoxy)methane	ND	2.0	0.52	ug/l	
111-44-4	bis(2-Chloroethyl)ether	ND	2.0	0.49	ug/l	
108-60-1	bis(2-Chloroisopropyl)ether	ND	2.0	0.54	ug/l	
7005-72-3	4-Chlorophenyl phenyl ether	ND	2.0	0.45	ug/l	
121-14-2	2,4-Dinitrotoluene	ND	2.0	0.45	ug/l	
606-20-2	2,6-Dinitrotoluene	ND	2.0	0.60	ug/l	
91-94-1	3,3'-Dichlorobenzidine	ND	5.0	4.6	ug/l	
53-70-3	Dibenzo(a,h)anthracene	ND	1.0	0.45	ug/l	
132-64-9	Dibenzofuran	0.60	5.0	0.49	ug/l	J
84-74-2	Di-n-butyl phthalate	1.2	2.0	0.50	ug/l	J
117-84-0	Di-n-octyl phthalate	ND	2.0	0.50	ug/l	
84-66-2	Diethyl phthalate	ND	2.0	0.36	ug/l	
131-11-3	Dimethyl phthalate	ND	2.0	0.36	ug/l	
117-81-7	bis(2-Ethylhexyl)phthalate	46.3	2.0	0.75	ug/l	
206-44-0	Fluoranthene	ND	1.0	0.40	ug/l	
86-73-7	Fluorene	0.91	1.0	0.40	ug/l	J
118-74-1	Hexachlorobenzene	ND	2.0	0.45	ug/l	
87-68-3	Hexachlorobutadiene	ND	1.0	0.38	ug/l	
77-47-4	Hexachlorocyclopentadiene	ND	20	4.5	ug/l	
67-72-1	Hexachloroethane	ND	5.0	0.30	ug/l	
193-39-5	Indeno(1,2,3-cd)pyrene	ND	1.0	0.42	ug/l	
78-59-1	Isophorone	ND	2.0	0.69	ug/l	
91-57-6	2-Methylnaphthalene	10.2	2.0	0.43	ug/l	
88-74-4	2-Nitroaniline	ND	5.0	0.45	ug/l	
99-09-2	3-Nitroaniline	ND	5.0	0.45	ug/l	
100-01-6	4-Nitroaniline	ND	5.0	0.45	ug/l	
91-20-3	Naphthalene	3.2	1.0	0.32	ug/l	
98-95-3	Nitrobenzene	ND	2.0	0.66	ug/l	
621-64-7	N-Nitroso-di-n-propylamine	ND	2.0	0.39	ug/l	
86-30-6	N-Nitrosodiphenylamine	ND	5.0	0.61	ug/l	
85-01-8	Phenanthrene	0.73	1.0	0.34	ug/l	J
129-00-0	Pyrene	ND	1.0	0.48	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
367-12-4	2-Fluorophenol	47%		10-69%
4165-62-2	Phenol-d5	36%		10-52%
118-79-6	2,4,6-Tribromophenol	82%		32-134%
4165-60-0	Nitrobenzene-d5	52%		23-116%

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:	MW-X		
Lab Sample ID:	JA12935-6	**Date Sampled:**	02/25/09
Matrix:	AQ - Ground Water	**Date Received:**	02/26/09
Method:	SW846 8270C SW846 3510C	**Percent Solids:**	n/a
Project:	Via Verde, 700-730 Brook Avenue, Bronx, NY		

ABN TCL List (CLP4.2 list)

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
321-60-8	2-Fluorobiphenyl	55%		28-109%
1718-51-0	Terphenyl-d14	43%		24-125%

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:	MW-X		
Lab Sample ID:	JA12935-6	**Date Sampled:**	02/25/09
Matrix:	AQ - Ground Water	**Date Received:**	02/26/09
Method:	SW846 8081A SW846 3510C	**Percent Solids:**	n/a
Project:	Via Verde, 700-730 Brook Avenue, Bronx, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	XX84666.D	1	03/02/09	JSE	02/27/09	OP37071	GXX3408
Run #2							

	Initial Volume	Final Volume
Run #1	620 ml	10.0 ml
Run #2		

Pesticide TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
309-00-2	Aldrin	ND	0.032	0.0027	ug/l	
319-84-6	alpha-BHC	ND	0.032	0.0016	ug/l	
319-85-7	beta-BHC	ND	0.032	0.0057	ug/l	
319-86-8	delta-BHC	ND	0.032	0.0056	ug/l	
58-89-9	gamma-BHC (Lindane)	ND	0.032	0.0018	ug/l	
5103-71-9	alpha-Chlordane	ND	0.032	0.0031	ug/l	
5103-74-2	gamma-Chlordane	ND	0.032	0.0039	ug/l	
60-57-1	Dieldrin	ND	0.032	0.0022	ug/l	
72-54-8	4,4'-DDD	ND	0.032	0.0074	ug/l	
72-55-9	4,4'-DDE	ND	0.032	0.0021	ug/l	
50-29-3	4,4'-DDT	ND	0.032	0.0056	ug/l	
72-20-8	Endrin	ND	0.032	0.0050	ug/l	
1031-07-8	Endosulfan sulfate	ND	0.032	0.0042	ug/l	
7421-93-4	Endrin aldehyde	ND	0.032	0.0060	ug/l	
53494-70-5	Endrin ketone	ND	0.032	0.0042	ug/l	
959-98-8	Endosulfan-I	ND	0.032	0.0029	ug/l	
33213-65-9	Endosulfan-II	ND	0.032	0.0056	ug/l	
76-44-8	Heptachlor	ND	0.032	0.0032	ug/l	
1024-57-3	Heptachlor epoxide	ND	0.032	0.0025	ug/l	
72-43-5	Methoxychlor	ND	0.032	0.011	ug/l	
8001-35-2	Toxaphene	ND	0.40	0.34	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
877-09-8	Tetrachloro-m-xylene	73%		24-127%
877-09-8	Tetrachloro-m-xylene	45%		24-127%
2051-24-3	Decachlorobiphenyl	39%		7-131%
2051-24-3	Decachlorobiphenyl	24%		7-131%

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:	MW-X		
Lab Sample ID:	JA12935-6	**Date Sampled:**	02/25/09
Matrix:	AQ - Ground Water	**Date Received:**	02/26/09
Method:	SW846 8082 SW846 3510C	**Percent Solids:**	n/a
Project:	Via Verde, 700-730 Brook Avenue, Bronx, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	AB79914.D	1	03/02/09	JSE	02/27/09	OP37070	GAB5224
Run #2							

	Initial Volume	Final Volume
Run #1	620 ml	10.0 ml
Run #2		

PCB List

CAS No.	Compound	Result	RL	MDL	Units	Q
12674-11-2	Aroclor 1016	ND	0.81	0.30	ug/l	
11104-28-2	Aroclor 1221	ND	0.81	0.49	ug/l	
11141-16-5	Aroclor 1232	ND	0.81	0.33	ug/l	
53469-21-9	Aroclor 1242	ND	0.81	0.14	ug/l	
12672-29-6	Aroclor 1248	ND	0.81	0.41	ug/l	
11097-69-1	Aroclor 1254	ND	0.81	0.18	ug/l	
11096-82-5	Aroclor 1260	ND	0.81	0.23	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
877-09-8	Tetrachloro-m-xylene	70%		30-140%
877-09-8	Tetrachloro-m-xylene	47%		30-140%
2051-24-3	Decachlorobiphenyl	46%		10-142%
2051-24-3	Decachlorobiphenyl	31%		10-142%

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: MW-X
Lab Sample ID: JA12935-6
Matrix: AQ - Ground Water
Project: Via Verde, 700-730 Brook Avenue, Bronx, NY

Date Sampled: 02/25/09
Date Received: 02/26/09
Percent Solids: n/a

Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Aluminum	40900	200	ug/l	1	03/02/09	03/02/09	ND	SW846 6010B [1]	SW846 3010A [4]
Antimony	< 6.0	6.0	ug/l	1	03/02/09	03/02/09	ND	SW846 6010B [1]	SW846 3010A [4]
Arsenic	10.7	3.0	ug/l	1	03/02/09	03/02/09	ND	SW846 6010B [1]	SW846 3010A [4]
Barium	482	200	ug/l	1	03/02/09	03/02/09	ND	SW846 6010B [1]	SW846 3010A [4]
Beryllium [a]	< 2.0	2.0	ug/l	2	03/02/09	03/03/09	JF	SW846 6010B [3]	SW846 3010A [4]
Cadmium	< 3.0	3.0	ug/l	1	03/02/09	03/02/09	ND	SW846 6010B [1]	SW846 3010A [4]
Calcium	123000	5000	ug/l	1	03/02/09	03/02/09	ND	SW846 6010B [1]	SW846 3010A [4]
Chromium	89.4	10	ug/l	1	03/02/09	03/02/09	ND	SW846 6010B [1]	SW846 3010A [4]
Cobalt	< 50	50	ug/l	1	03/02/09	03/02/09	ND	SW846 6010B [1]	SW846 3010A [4]
Copper	167	10	ug/l	1	03/02/09	03/02/09	ND	SW846 6010B [1]	SW846 3010A [4]
Iron	81200	100	ug/l	1	03/02/09	03/02/09	ND	SW846 6010B [1]	SW846 3010A [4]
Lead [a]	157	6.0	ug/l	2	03/02/09	03/03/09	JF	SW846 6010B [3]	SW846 3010A [4]
Magnesium	54600	5000	ug/l	1	03/02/09	03/02/09	ND	SW846 6010B [1]	SW846 3010A [4]
Manganese	4010	15	ug/l	1	03/02/09	03/02/09	ND	SW846 6010B [1]	SW846 3010A [4]
Mercury [b]	< 0.40	0.40	ug/l	1	03/03/09	03/03/09	JW	SW846 7470A [2]	SW846 7470A [5]
Nickel	80.5	10	ug/l	1	03/02/09	03/02/09	ND	SW846 6010B [1]	SW846 3010A [4]
Potassium	21200	10000	ug/l	1	03/02/09	03/02/09	ND	SW846 6010B [1]	SW846 3010A [4]
Selenium	< 10	10	ug/l	1	03/02/09	03/02/09	ND	SW846 6010B [1]	SW846 3010A [4]
Silver	< 10	10	ug/l	1	03/02/09	03/02/09	ND	SW846 6010B [1]	SW846 3010A [4]
Sodium	21600	10000	ug/l	1	03/02/09	03/02/09	ND	SW846 6010B [1]	SW846 3010A [4]
Thallium	< 10	10	ug/l	1	03/02/09	03/02/09	ND	SW846 6010B [1]	SW846 3010A [4]
Vanadium	109	50	ug/l	1	03/02/09	03/02/09	ND	SW846 6010B [1]	SW846 3010A [4]
Zinc	265	20	ug/l	1	03/02/09	03/02/09	ND	SW846 6010B [1]	SW846 3010A [4]

(1) Instrument QC Batch: MA22213
(2) Instrument QC Batch: MA22215
(3) Instrument QC Batch: MA22218
(4) Prep QC Batch: MP47374
(5) Prep QC Batch: MP47392

(a) Elevated detection limit due to dilution required for high interfering element.
(b) Elevated sample detection limit due to difficult sample matrix.

RL = Reporting Limit

Report of Analysis

Client Sample ID: MW-X
Lab Sample ID: JA12935-6F
Matrix: AQ - Groundwater Filtered
Project: Via Verde, 700-730 Brook Avenue, Bronx, NY

Date Sampled: 02/25/09
Date Received: 02/26/09
Percent Solids: n/a

Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Aluminum	< 200	200	ug/l	1	03/02/09	03/02/09	ND	SW846 6010B [1]	SW846 3010A [4]
Antimony	< 6.0	6.0	ug/l	1	03/02/09	03/02/09	ND	SW846 6010B [1]	SW846 3010A [4]
Arsenic	< 3.0	3.0	ug/l	1	03/02/09	03/02/09	ND	SW846 6010B [1]	SW846 3010A [4]
Barium	< 200	200	ug/l	1	03/02/09	03/02/09	ND	SW846 6010B [1]	SW846 3010A [4]
Beryllium	< 1.0	1.0	ug/l	1	03/02/09	03/02/09	ND	SW846 6010B [1]	SW846 3010A [4]
Cadmium	< 3.0	3.0	ug/l	1	03/02/09	03/02/09	ND	SW846 6010B [1]	SW846 3010A [4]
Calcium	92500	5000	ug/l	1	03/02/09	03/02/09	ND	SW846 6010B [1]	SW846 3010A [4]
Chromium	< 10	10	ug/l	1	03/02/09	03/02/09	ND	SW846 6010B [1]	SW846 3010A [4]
Cobalt	< 50	50	ug/l	1	03/02/09	03/02/09	ND	SW846 6010B [1]	SW846 3010A [4]
Copper	< 10	10	ug/l	1	03/02/09	03/02/09	ND	SW846 6010B [1]	SW846 3010A [4]
Iron	2670	100	ug/l	1	03/02/09	03/02/09	ND	SW846 6010B [1]	SW846 3010A [4]
Lead	11.7	3.0	ug/l	1	03/02/09	03/03/09	JF	SW846 6010B [3]	SW846 3010A [4]
Magnesium	20400	5000	ug/l	1	03/02/09	03/02/09	ND	SW846 6010B [1]	SW846 3010A [4]
Manganese	3110	15	ug/l	1	03/02/09	03/02/09	ND	SW846 6010B [1]	SW846 3010A [4]
Mercury	< 0.20	0.20	ug/l	1	03/03/09	03/03/09	JW	SW846 7470A [2]	SW846 7470A [5]
Nickel	< 10	10	ug/l	1	03/02/09	03/02/09	ND	SW846 6010B [1]	SW846 3010A [4]
Potassium	10400	10000	ug/l	1	03/02/09	03/02/09	ND	SW846 6010B [1]	SW846 3010A [4]
Selenium	< 10	10	ug/l	1	03/02/09	03/02/09	ND	SW846 6010B [1]	SW846 3010A [4]
Silver	< 10	10	ug/l	1	03/02/09	03/02/09	ND	SW846 6010B [1]	SW846 3010A [4]
Sodium	24600	10000	ug/l	1	03/02/09	03/02/09	ND	SW846 6010B [1]	SW846 3010A [4]
Thallium	< 10	10	ug/l	1	03/02/09	03/02/09	ND	SW846 6010B [1]	SW846 3010A [4]
Vanadium	< 50	50	ug/l	1	03/02/09	03/02/09	ND	SW846 6010B [1]	SW846 3010A [4]
Zinc	< 20	20	ug/l	1	03/02/09	03/02/09	ND	SW846 6010B [1]	SW846 3010A [4]

(1) Instrument QC Batch: MA22213
(2) Instrument QC Batch: MA22215
(3) Instrument QC Batch: MA22218
(4) Prep QC Batch: MP47374
(5) Prep QC Batch: MP47393

RL = Reporting Limit

Report of Analysis

Client Sample ID: TRIP BLANK
Lab Sample ID: JA12935-7 **Date Sampled:** 02/25/09
Matrix: AQ - Trip Blank Water **Date Received:** 02/26/09
Method: SW846 8260B **Percent Solids:** n/a
Project: Via Verde, 700-730 Brook Avenue, Bronx, NY

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	2B54490.D	1	03/02/09	MFH	n/a	n/a	V2B2417
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

VOA 8260 List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	ND	10	2.1	ug/l	
71-43-2	Benzene	ND	1.0	0.26	ug/l	
108-86-1	Bromobenzene	ND	5.0	0.18	ug/l	
74-97-5	Bromochloromethane	ND	5.0	0.24	ug/l	
75-27-4	Bromodichloromethane	ND	1.0	0.14	ug/l	
75-25-2	Bromoform	ND	4.0	0.18	ug/l	
74-83-9	Bromomethane	ND	2.0	0.32	ug/l	
78-93-3	2-Butanone (MEK)	ND	10	2.3	ug/l	
104-51-8	n-Butylbenzene	ND	5.0	0.61	ug/l	
135-98-8	sec-Butylbenzene	ND	5.0	0.27	ug/l	
98-06-6	tert-Butylbenzene	ND	5.0	0.15	ug/l	
56-23-5	Carbon tetrachloride	ND	1.0	0.18	ug/l	
108-90-7	Chlorobenzene	ND	1.0	0.19	ug/l	
75-00-3	Chloroethane	ND	1.0	0.22	ug/l	
67-66-3	Chloroform	ND	1.0	0.16	ug/l	
74-87-3	Chloromethane	ND	1.0	0.29	ug/l	
95-49-8	o-Chlorotoluene	ND	5.0	0.55	ug/l	
106-43-4	p-Chlorotoluene	ND	5.0	0.34	ug/l	
96-12-8	1,2-Dibromo-3-chloropropane	ND	10	1.3	ug/l	
124-48-1	Dibromochloromethane	ND	1.0	0.16	ug/l	
106-93-4	1,2-Dibromoethane	ND	2.0	0.18	ug/l	
95-50-1	1,2-Dichlorobenzene	ND	1.0	0.18	ug/l	
541-73-1	1,3-Dichlorobenzene	ND	1.0	0.26	ug/l	
106-46-7	1,4-Dichlorobenzene	ND	1.0	0.22	ug/l	
75-71-8	Dichlorodifluoromethane	ND	5.0	0.88	ug/l	
75-34-3	1,1-Dichloroethane	ND	1.0	0.24	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.35	ug/l	
75-35-4	1,1-Dichloroethene	ND	1.0	0.29	ug/l	
156-59-2	cis-1,2-Dichloroethene	ND	1.0	0.25	ug/l	
156-60-5	trans-1,2-Dichloroethene	ND	1.0	0.16	ug/l	
78-87-5	1,2-Dichloropropane	ND	1.0	0.18	ug/l	
142-28-9	1,3-Dichloropropane	ND	5.0	0.20	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:	TRIP BLANK		
Lab Sample ID:	JA12935-7	**Date Sampled:**	02/25/09
Matrix:	AQ - Trip Blank Water	**Date Received:**	02/26/09
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	Via Verde, 700-730 Brook Avenue, Bronx, NY		

VOA 8260 List

CAS No.	Compound	Result	RL	MDL	Units	Q
594-20-7	2,2-Dichloropropane	ND	5.0	0.19	ug/l	
563-58-6	1,1-Dichloropropene	ND	5.0	0.23	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND	1.0	0.18	ug/l	
10061-02-6	trans-1,3-Dichloropropene	ND	1.0	0.15	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.27	ug/l	
87-68-3	Hexachlorobutadiene	ND	5.0	0.23	ug/l	
98-82-8	Isopropylbenzene	ND	2.0	0.19	ug/l	
99-87-6	p-Isopropyltoluene	ND	5.0	0.25	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	0.16	ug/l	
108-10-1	4-Methyl-2-pentanone(MIBK)	ND	5.0	1.3	ug/l	
74-95-3	Methylene bromide	ND	5.0	0.18	ug/l	
75-09-2	Methylene chloride	ND	2.0	0.16	ug/l	
91-20-3	Naphthalene	ND	5.0	1.2	ug/l	
103-65-1	n-Propylbenzene	ND	5.0	0.18	ug/l	
100-42-5	Styrene	ND	5.0	0.17	ug/l	
630-20-6	1,1,1,2-Tetrachloroethane	ND	5.0	0.12	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0	0.13	ug/l	
127-18-4	Tetrachloroethene	ND	1.0	0.29	ug/l	
108-88-3	Toluene	ND	1.0	0.15	ug/l	
87-61-6	1,2,3-Trichlorobenzene	ND	5.0	1.2	ug/l	
120-82-1	1,2,4-Trichlorobenzene	ND	5.0	1.3	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	0.17	ug/l	
79-01-6	Trichloroethene	ND	1.0	0.18	ug/l	
75-69-4	Trichlorofluoromethane	ND	5.0	0.25	ug/l	
96-18-4	1,2,3-Trichloropropane	ND	5.0	1.3	ug/l	
95-63-6	1,2,4-Trimethylbenzene	ND	5.0	0.22	ug/l	
108-67-8	1,3,5-Trimethylbenzene	ND	5.0	0.58	ug/l	
75-01-4	Vinyl chloride	ND	1.0	0.21	ug/l	
	m,p-Xylene	ND	1.0	0.39	ug/l	
95-47-6	o-Xylene	ND	1.0	0.39	ug/l	
1330-20-7	Xylene (total)	ND	1.0	0.39	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	92%		72-120%
17060-07-0	1,2-Dichloroethane-D4	99%		59-137%
2037-26-5	Toluene-D8	92%		73-116%
460-00-4	4-Bromofluorobenzene	87%		69-126%

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:	FIELD BLANK 2/25		
Lab Sample ID:	JA12935-8	**Date Sampled:**	02/25/09
Matrix:	AQ - Field Blank Water	**Date Received:**	02/26/09
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	Via Verde, 700-730 Brook Avenue, Bronx, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	2B54491.D	1	03/02/09	MFH	n/a	n/a	V2B2417
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

VOA 8260 List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	ND	10	2.1	ug/l	
71-43-2	Benzene	ND	1.0	0.26	ug/l	
108-86-1	Bromobenzene	ND	5.0	0.18	ug/l	
74-97-5	Bromochloromethane	ND	5.0	0.24	ug/l	
75-27-4	Bromodichloromethane	ND	1.0	0.14	ug/l	
75-25-2	Bromoform	ND	4.0	0.18	ug/l	
74-83-9	Bromomethane	ND	2.0	0.32	ug/l	
78-93-3	2-Butanone (MEK)	ND	10	2.3	ug/l	
104-51-8	n-Butylbenzene	ND	5.0	0.61	ug/l	
135-98-8	sec-Butylbenzene	ND	5.0	0.27	ug/l	
98-06-6	tert-Butylbenzene	ND	5.0	0.15	ug/l	
56-23-5	Carbon tetrachloride	ND	1.0	0.18	ug/l	
108-90-7	Chlorobenzene	ND	1.0	0.19	ug/l	
75-00-3	Chloroethane	ND	1.0	0.22	ug/l	
67-66-3	Chloroform	ND	1.0	0.16	ug/l	
74-87-3	Chloromethane	ND	1.0	0.29	ug/l	
95-49-8	o-Chlorotoluene	ND	5.0	0.55	ug/l	
106-43-4	p-Chlorotoluene	ND	5.0	0.34	ug/l	
96-12-8	1,2-Dibromo-3-chloropropane	ND	10	1.3	ug/l	
124-48-1	Dibromochloromethane	ND	1.0	0.16	ug/l	
106-93-4	1,2-Dibromoethane	ND	2.0	0.18	ug/l	
95-50-1	1,2-Dichlorobenzene	ND	1.0	0.18	ug/l	
541-73-1	1,3-Dichlorobenzene	ND	1.0	0.26	ug/l	
106-46-7	1,4-Dichlorobenzene	ND	1.0	0.22	ug/l	
75-71-8	Dichlorodifluoromethane	ND	5.0	0.88	ug/l	
75-34-3	1,1-Dichloroethane	ND	1.0	0.24	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.35	ug/l	
75-35-4	1,1-Dichloroethene	ND	1.0	0.29	ug/l	
156-59-2	cis-1,2-Dichloroethene	ND	1.0	0.25	ug/l	
156-60-5	trans-1,2-Dichloroethene	ND	1.0	0.16	ug/l	
78-87-5	1,2-Dichloropropane	ND	1.0	0.18	ug/l	
142-28-9	1,3-Dichloropropane	ND	5.0	0.20	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:	FIELD BLANK 2/25		
Lab Sample ID:	JA12935-8	**Date Sampled:**	02/25/09
Matrix:	AQ - Field Blank Water	**Date Received:**	02/26/09
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	Via Verde, 700-730 Brook Avenue, Bronx, NY		

VOA 8260 List

CAS No.	Compound	Result	RL	MDL	Units	Q
594-20-7	2,2-Dichloropropane	ND	5.0	0.19	ug/l	
563-58-6	1,1-Dichloropropene	ND	5.0	0.23	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND	1.0	0.18	ug/l	
10061-02-6	trans-1,3-Dichloropropene	ND	1.0	0.15	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.27	ug/l	
87-68-3	Hexachlorobutadiene	ND	5.0	0.23	ug/l	
98-82-8	Isopropylbenzene	ND	2.0	0.19	ug/l	
99-87-6	p-Isopropyltoluene	ND	5.0	0.25	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	0.16	ug/l	
108-10-1	4-Methyl-2-pentanone(MIBK)	ND	5.0	1.3	ug/l	
74-95-3	Methylene bromide	ND	5.0	0.18	ug/l	
75-09-2	Methylene chloride	ND	2.0	0.16	ug/l	
91-20-3	Naphthalene	ND	5.0	1.2	ug/l	
103-65-1	n-Propylbenzene	ND	5.0	0.18	ug/l	
100-42-5	Styrene	ND	5.0	0.17	ug/l	
630-20-6	1,1,1,2-Tetrachloroethane	ND	5.0	0.12	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0	0.13	ug/l	
127-18-4	Tetrachloroethene	ND	1.0	0.29	ug/l	
108-88-3	Toluene	ND	1.0	0.15	ug/l	
87-61-6	1,2,3-Trichlorobenzene	ND	5.0	1.2	ug/l	
120-82-1	1,2,4-Trichlorobenzene	ND	5.0	1.3	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	0.17	ug/l	
79-01-6	Trichloroethene	ND	1.0	0.18	ug/l	
75-69-4	Trichlorofluoromethane	ND	5.0	0.25	ug/l	
96-18-4	1,2,3-Trichloropropane	ND	5.0	1.3	ug/l	
95-63-6	1,2,4-Trimethylbenzene	ND	5.0	0.22	ug/l	
108-67-8	1,3,5-Trimethylbenzene	ND	5.0	0.58	ug/l	
75-01-4	Vinyl chloride	ND	1.0	0.21	ug/l	
	m,p-Xylene	ND	1.0	0.39	ug/l	
95-47-6	o-Xylene	ND	1.0	0.39	ug/l	
1330-20-7	Xylene (total)	ND	1.0	0.39	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	94%		72-120%
17060-07-0	1,2-Dichloroethane-D4	101%		59-137%
2037-26-5	Toluene-D8	92%		73-116%
460-00-4	4-Bromofluorobenzene	88%		69-126%

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: FIELD BLANK 2/25
Lab Sample ID: JA12935-8 **Date Sampled:** 02/25/09
Matrix: AQ - Field Blank Water **Date Received:** 02/26/09
Method: SW846 8270C SW846 3510C **Percent Solids:** n/a
Project: Via Verde, 700-730 Brook Avenue, Bronx, NY

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	R71302.D	1	03/02/09	VN	02/27/09	OP37066	ER2651
Run #2							

	Initial Volume	Final Volume
Run #1	950 ml	1.0 ml
Run #2		

ABN TCL List (CLP4.2 list)

CAS No.	Compound	Result	RL	MDL	Units	Q
95-57-8	2-Chlorophenol	ND	5.3	1.5	ug/l	
59-50-7	4-Chloro-3-methyl phenol	ND	5.3	2.4	ug/l	
120-83-2	2,4-Dichlorophenol	ND	5.3	2.0	ug/l	
105-67-9	2,4-Dimethylphenol	ND	5.3	2.1	ug/l	
51-28-5	2,4-Dinitrophenol	ND	21	4.4	ug/l	
534-52-1	4,6-Dinitro-o-cresol	ND	21	1.2	ug/l	
95-48-7	2-Methylphenol	ND	2.1	1.4	ug/l	
	3&4-Methylphenol	ND	2.1	1.5	ug/l	
88-75-5	2-Nitrophenol	ND	5.3	2.0	ug/l	
100-02-7	4-Nitrophenol	ND	11	2.4	ug/l	
87-86-5	Pentachlorophenol	ND	11	1.3	ug/l	
108-95-2	Phenol	ND	2.1	1.4	ug/l	
95-95-4	2,4,5-Trichlorophenol	ND	5.3	2.1	ug/l	
88-06-2	2,4,6-Trichlorophenol	ND	5.3	1.7	ug/l	
83-32-9	Acenaphthene	ND	1.1	0.40	ug/l	
208-96-8	Acenaphthylene	ND	1.1	0.57	ug/l	
98-86-2	Acetophenone	ND	5.3	0.49	ug/l	
120-12-7	Anthracene	ND	1.1	0.44	ug/l	
1912-24-9	Atrazine	ND	5.3	0.65	ug/l	
100-52-7	Benzaldehyde	ND	5.3	1.7	ug/l	
56-55-3	Benzo(a)anthracene	ND	1.1	0.40	ug/l	
50-32-8	Benzo(a)pyrene	ND	1.1	0.50	ug/l	
205-99-2	Benzo(b)fluoranthene	ND	1.1	0.55	ug/l	
191-24-2	Benzo(g,h,i)perylene	ND	1.1	0.48	ug/l	
207-08-9	Benzo(k)fluoranthene	ND	1.1	0.60	ug/l	
101-55-3	4-Bromophenyl phenyl ether	ND	2.1	0.43	ug/l	
85-68-7	Butyl benzyl phthalate	ND	2.1	0.44	ug/l	
92-52-4	1,1'-Biphenyl	ND	2.1	0.58	ug/l	
91-58-7	2-Chloronaphthalene	ND	5.3	0.51	ug/l	
106-47-8	4-Chloroaniline	ND	5.3	0.35	ug/l	
86-74-8	Carbazole	ND	2.1	0.47	ug/l	
105-60-2	Caprolactam	ND	2.1	0.66	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: FIELD BLANK 2/25
Lab Sample ID: JA12935-8 **Date Sampled:** 02/25/09
Matrix: AQ - Field Blank Water **Date Received:** 02/26/09
Method: SW846 8270C SW846 3510C **Percent Solids:** n/a
Project: Via Verde, 700-730 Brook Avenue, Bronx, NY

ABN TCL List (CLP4.2 list)

CAS No.	Compound	Result	RL	MDL	Units	Q
218-01-9	Chrysene	ND	1.1	0.46	ug/l	
111-91-1	bis(2-Chloroethoxy)methane	ND	2.1	0.54	ug/l	
111-44-4	bis(2-Chloroethyl)ether	ND	2.1	0.52	ug/l	
108-60-1	bis(2-Chloroisopropyl)ether	ND	2.1	0.57	ug/l	
7005-72-3	4-Chlorophenyl phenyl ether	ND	2.1	0.48	ug/l	
121-14-2	2,4-Dinitrotoluene	ND	2.1	0.48	ug/l	
606-20-2	2,6-Dinitrotoluene	ND	2.1	0.63	ug/l	
91-94-1	3,3'-Dichlorobenzidine	ND	5.3	4.8	ug/l	
53-70-3	Dibenzo(a,h)anthracene	ND	1.1	0.47	ug/l	
132-64-9	Dibenzofuran	ND	5.3	0.51	ug/l	
84-74-2	Di-n-butyl phthalate	ND	2.1	0.53	ug/l	
117-84-0	Di-n-octyl phthalate	ND	2.1	0.52	ug/l	
84-66-2	Diethyl phthalate	ND	2.1	0.38	ug/l	
131-11-3	Dimethyl phthalate	ND	2.1	0.38	ug/l	
117-81-7	bis(2-Ethylhexyl)phthalate	1.3	2.1	0.79	ug/l	JB
206-44-0	Fluoranthene	ND	1.1	0.42	ug/l	
86-73-7	Fluorene	ND	1.1	0.42	ug/l	
118-74-1	Hexachlorobenzene	ND	2.1	0.47	ug/l	
87-68-3	Hexachlorobutadiene	ND	1.1	0.39	ug/l	
77-47-4	Hexachlorocyclopentadiene	ND	21	4.8	ug/l	
67-72-1	Hexachloroethane	ND	5.3	0.32	ug/l	
193-39-5	Indeno(1,2,3-cd)pyrene	ND	1.1	0.44	ug/l	
78-59-1	Isophorone	ND	2.1	0.73	ug/l	
91-57-6	2-Methylnaphthalene	ND	2.1	0.46	ug/l	
88-74-4	2-Nitroaniline	ND	5.3	0.47	ug/l	
99-09-2	3-Nitroaniline	ND	5.3	0.47	ug/l	
100-01-6	4-Nitroaniline	ND	5.3	0.48	ug/l	
91-20-3	Naphthalene	ND	1.1	0.33	ug/l	
98-95-3	Nitrobenzene	ND	2.1	0.69	ug/l	
621-64-7	N-Nitroso-di-n-propylamine	ND	2.1	0.41	ug/l	
86-30-6	N-Nitrosodiphenylamine	ND	5.3	0.64	ug/l	
85-01-8	Phenanthrene	ND	1.1	0.35	ug/l	
129-00-0	Pyrene	ND	1.1	0.51	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
367-12-4	2-Fluorophenol	55%		10-69%
4165-62-2	Phenol-d5	35%		10-52%
118-79-6	2,4,6-Tribromophenol	80%		32-134%
4165-60-0	Nitrobenzene-d5	75%		23-116%

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:	FIELD BLANK 2/25		
Lab Sample ID:	JA12935-8	**Date Sampled:**	02/25/09
Matrix:	AQ - Field Blank Water	**Date Received:**	02/26/09
Method:	SW846 8270C SW846 3510C	**Percent Solids:**	n/a
Project:	Via Verde, 700-730 Brook Avenue, Bronx, NY		

ABN TCL List (CLP4.2 list)

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
321-60-8	2-Fluorobiphenyl	79%		28-109%
1718-51-0	Terphenyl-d14	83%		24-125%

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: FIELD BLANK 2/25
Lab Sample ID: JA12935-8 **Date Sampled:** 02/25/09
Matrix: AQ - Field Blank Water **Date Received:** 02/26/09
Method: SW846 8081A SW846 3510C **Percent Solids:** n/a
Project: Via Verde, 700-730 Brook Avenue, Bronx, NY

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	XX84678.D	1	03/02/09	JSE	02/27/09	OP37071	GXX3408
Run #2							

	Initial Volume	Final Volume
Run #1	900 ml	10.0 ml
Run #2		

Pesticide TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
309-00-2	Aldrin	ND	0.022	0.0019	ug/l	
319-84-6	alpha-BHC	ND	0.022	0.0011	ug/l	
319-85-7	beta-BHC	ND	0.022	0.0039	ug/l	
319-86-8	delta-BHC	ND	0.022	0.0039	ug/l	
58-89-9	gamma-BHC (Lindane)	ND	0.022	0.0013	ug/l	
5103-71-9	alpha-Chlordane	ND	0.022	0.0022	ug/l	
5103-74-2	gamma-Chlordane	ND	0.022	0.0027	ug/l	
60-57-1	Dieldrin	ND	0.022	0.0015	ug/l	
72-54-8	4,4'-DDD	ND	0.022	0.0051	ug/l	
72-55-9	4,4'-DDE	ND	0.022	0.0014	ug/l	
50-29-3	4,4'-DDT	ND	0.022	0.0039	ug/l	
72-20-8	Endrin	ND	0.022	0.0034	ug/l	
1031-07-8	Endosulfan sulfate	ND	0.022	0.0029	ug/l	
7421-93-4	Endrin aldehyde	ND	0.022	0.0041	ug/l	
53494-70-5	Endrin ketone	ND	0.022	0.0029	ug/l	
959-98-8	Endosulfan-I	ND	0.022	0.0020	ug/l	
33213-65-9	Endosulfan-II	ND	0.022	0.0038	ug/l	
76-44-8	Heptachlor	ND	0.022	0.0022	ug/l	
1024-57-3	Heptachlor epoxide	ND	0.022	0.0017	ug/l	
72-43-5	Methoxychlor	ND	0.022	0.0075	ug/l	
8001-35-2	Toxaphene	ND	0.28	0.24	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
877-09-8	Tetrachloro-m-xylene	84%		24-127%
877-09-8	Tetrachloro-m-xylene	75%		24-127%
2051-24-3	Decachlorobiphenyl	43%		7-131%
2051-24-3	Decachlorobiphenyl	43%		7-131%

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: FIELD BLANK 2/25
Lab Sample ID: JA12935-8 **Date Sampled:** 02/25/09
Matrix: AQ - Field Blank Water **Date Received:** 02/26/09
Method: SW846 8082 SW846 3510C **Percent Solids:** n/a
Project: Via Verde, 700-730 Brook Avenue, Bronx, NY

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	AB79928.D	1	03/02/09	JSE	02/27/09	OP37070	GAB5224
Run #2							

	Initial Volume	Final Volume
Run #1	900 ml	10.0 ml
Run #2		

PCB List

CAS No.	Compound	Result	RL	MDL	Units	Q
12674-11-2	Aroclor 1016	ND	0.56	0.21	ug/l	
11104-28-2	Aroclor 1221	ND	0.56	0.34	ug/l	
11141-16-5	Aroclor 1232	ND	0.56	0.23	ug/l	
53469-21-9	Aroclor 1242	ND	0.56	0.099	ug/l	
12672-29-6	Aroclor 1248	ND	0.56	0.28	ug/l	
11097-69-1	Aroclor 1254	ND	0.56	0.12	ug/l	
11096-82-5	Aroclor 1260	ND	0.56	0.16	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
877-09-8	Tetrachloro-m-xylene	87%		30-140%
877-09-8	Tetrachloro-m-xylene	70%		30-140%
2051-24-3	Decachlorobiphenyl	52%		10-142%
2051-24-3	Decachlorobiphenyl	56%		10-142%

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: FIELD BLANK 2/25
Lab Sample ID: JA12935-8
Matrix: AQ - Field Blank Water
Project: Via Verde, 700-730 Brook Avenue, Bronx, NY

Date Sampled: 02/25/09
Date Received: 02/26/09
Percent Solids: n/a

Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Aluminum	< 200	200	ug/l	1	03/02/09	03/02/09	ND	SW846 6010B [1]	SW846 3010A [4]
Antimony	< 6.0	6.0	ug/l	1	03/02/09	03/02/09	ND	SW846 6010B [1]	SW846 3010A [4]
Arsenic	< 3.0	3.0	ug/l	1	03/02/09	03/02/09	ND	SW846 6010B [1]	SW846 3010A [4]
Barium	< 200	200	ug/l	1	03/02/09	03/02/09	ND	SW846 6010B [1]	SW846 3010A [4]
Beryllium	< 1.0	1.0	ug/l	1	03/02/09	03/02/09	ND	SW846 6010B [1]	SW846 3010A [4]
Cadmium	< 3.0	3.0	ug/l	1	03/02/09	03/02/09	ND	SW846 6010B [1]	SW846 3010A [4]
Calcium	< 5000	5000	ug/l	1	03/02/09	03/02/09	ND	SW846 6010B [1]	SW846 3010A [4]
Chromium	< 10	10	ug/l	1	03/02/09	03/02/09	ND	SW846 6010B [1]	SW846 3010A [4]
Cobalt	< 50	50	ug/l	1	03/02/09	03/02/09	ND	SW846 6010B [1]	SW846 3010A [4]
Copper	< 10	10	ug/l	1	03/02/09	03/02/09	ND	SW846 6010B [1]	SW846 3010A [4]
Iron	< 100	100	ug/l	1	03/02/09	03/02/09	ND	SW846 6010B [1]	SW846 3010A [4]
Lead	< 3.0	3.0	ug/l	1	03/02/09	03/03/09	JF	SW846 6010B [3]	SW846 3010A [4]
Magnesium	< 5000	5000	ug/l	1	03/02/09	03/02/09	ND	SW846 6010B [1]	SW846 3010A [4]
Manganese	< 15	15	ug/l	1	03/02/09	03/02/09	ND	SW846 6010B [1]	SW846 3010A [4]
Mercury	< 0.20	0.20	ug/l	1	03/03/09	03/03/09	JW	SW846 7470A [2]	SW846 7470A [5]
Nickel	< 10	10	ug/l	1	03/02/09	03/02/09	ND	SW846 6010B [1]	SW846 3010A [4]
Potassium	< 10000	10000	ug/l	1	03/02/09	03/02/09	ND	SW846 6010B [1]	SW846 3010A [4]
Selenium	< 10	10	ug/l	1	03/02/09	03/02/09	ND	SW846 6010B [1]	SW846 3010A [4]
Silver	< 10	10	ug/l	1	03/02/09	03/02/09	ND	SW846 6010B [1]	SW846 3010A [4]
Sodium	< 10000	10000	ug/l	1	03/02/09	03/02/09	ND	SW846 6010B [1]	SW846 3010A [4]
Thallium	< 10	10	ug/l	1	03/02/09	03/02/09	ND	SW846 6010B [1]	SW846 3010A [4]
Vanadium	< 50	50	ug/l	1	03/02/09	03/02/09	ND	SW846 6010B [1]	SW846 3010A [4]
Zinc	< 20	20	ug/l	1	03/02/09	03/02/09	ND	SW846 6010B [1]	SW846 3010A [4]

(1) Instrument QC Batch: MA22213
(2) Instrument QC Batch: MA22215
(3) Instrument QC Batch: MA22218
(4) Prep QC Batch: MP47374
(5) Prep QC Batch: MP47392

RL = Reporting Limit

Report of Analysis

Client Sample ID: FIELD BLANK 2/25
Lab Sample ID: JA12935-8F
Matrix: AQ - Field Blank Filtered
Project: Via Verde, 700-730 Brook Avenue, Bronx, NY

Date Sampled: 02/25/09
Date Received: 02/26/09
Percent Solids: n/a

Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Aluminum	< 200	200	ug/l	1	03/02/09	03/02/09	ND	SW846 6010B [1]	SW846 3010A [4]
Antimony	< 6.0	6.0	ug/l	1	03/02/09	03/03/09	JF	SW846 6010B [3]	SW846 3010A [4]
Arsenic	< 3.0	3.0	ug/l	1	03/02/09	03/03/09	JF	SW846 6010B [3]	SW846 3010A [4]
Barium	< 200	200	ug/l	1	03/02/09	03/02/09	ND	SW846 6010B [1]	SW846 3010A [4]
Beryllium	< 1.0	1.0	ug/l	1	03/02/09	03/02/09	ND	SW846 6010B [1]	SW846 3010A [4]
Cadmium	< 3.0	3.0	ug/l	1	03/02/09	03/02/09	ND	SW846 6010B [1]	SW846 3010A [4]
Calcium	< 5000	5000	ug/l	1	03/02/09	03/02/09	ND	SW846 6010B [1]	SW846 3010A [4]
Chromium	< 10	10	ug/l	1	03/02/09	03/02/09	ND	SW846 6010B [1]	SW846 3010A [4]
Cobalt	< 50	50	ug/l	1	03/02/09	03/03/09	JF	SW846 6010B [3]	SW846 3010A [4]
Copper	< 10	10	ug/l	1	03/02/09	03/02/09	ND	SW846 6010B [1]	SW846 3010A [4]
Iron	< 100	100	ug/l	1	03/02/09	03/02/09	ND	SW846 6010B [1]	SW846 3010A [4]
Lead	< 3.0	3.0	ug/l	1	03/02/09	03/03/09	JF	SW846 6010B [3]	SW846 3010A [4]
Magnesium	< 5000	5000	ug/l	1	03/02/09	03/02/09	ND	SW846 6010B [1]	SW846 3010A [4]
Manganese	< 15	15	ug/l	1	03/02/09	03/02/09	ND	SW846 6010B [1]	SW846 3010A [4]
Mercury	< 0.20	0.20	ug/l	1	03/03/09	03/03/09	JW	SW846 7470A [2]	SW846 7470A [5]
Nickel	< 10	10	ug/l	1	03/02/09	03/03/09	JF	SW846 6010B [3]	SW846 3010A [4]
Potassium	< 10000	10000	ug/l	1	03/02/09	03/02/09	ND	SW846 6010B [1]	SW846 3010A [4]
Selenium	< 10	10	ug/l	1	03/02/09	03/03/09	JF	SW846 6010B [3]	SW846 3010A [4]
Silver	< 10	10	ug/l	1	03/02/09	03/02/09	ND	SW846 6010B [1]	SW846 3010A [4]
Sodium	< 10000	10000	ug/l	1	03/02/09	03/02/09	ND	SW846 6010B [1]	SW846 3010A [4]
Thallium	< 10	10	ug/l	1	03/02/09	03/03/09	JF	SW846 6010B [3]	SW846 3010A [4]
Vanadium	< 50	50	ug/l	1	03/02/09	03/02/09	ND	SW846 6010B [1]	SW846 3010A [4]
Zinc	< 20	20	ug/l	1	03/02/09	03/03/09	JF	SW846 6010B [3]	SW846 3010A [4]

(1) Instrument QC Batch: MA22213
(2) Instrument QC Batch: MA22215
(3) Instrument QC Batch: MA22218
(4) Prep QC Batch: MP47374
(5) Prep QC Batch: MP47393

RL = Reporting Limit

Misc. Forms

Custody Documents and Other Forms

Includes the following where applicable:

- Chain of Custody

ACCUTEST Laboratories

gw wtb fb

CHAIN OF CUSTODY

PM – 130429 48

PAGE ___ OF ___ 1

2235 Route 130, Dayton, NJ 08810
TEL. 732-329-0200 FAX: 732-329-3499/3480
www.accutest.com

FED-EX Tracking # | Bottle Order Control #

Accutest Quote # SR2/2009-531 rev 1 | Accutest Job # JA12935

Client / Reporting Information

Company Name: CA Rich Inc
Street Address: 17 Dupont St.
City: Plainview State: NY Zip: 11803
Project Contact: Deborah Shapiro E-mail:
Phone #: 516) 576-8844 Fax #:
Sampler(s) Name(s): Victoria Whelan / Mike Yaqes Phone #:

Project Information

Project Name: Ka Verde
Street: 1000-1300 Brook Ave (B)
City: Bronx State: NY
Project #:
Client Purchase Order #:
Project Manager:

Billing Information (if different from Report to)

Company Name:
Street Address:
City: State: Zip:
Attention:

Requested Analysis (see TEST CODE sheet)

VOC 8260
SVOC 8270
Filtered Metals (TAL)
Unfiltered Metals (TAL)
PCBs
Pesticides

Matrix Codes

DW - Drinking Water
GW - Ground Water
WW - Water
SW - Surface Water
SO - Soil
SL- Sludge
SED-Sediment
OI - Oil
LIQ - Other Liquid
AIR - Air
SOL - Other Solid
WP - Wipe
FB-Field Blank
EB-Equipment Blank
RB- Rinse Blank
TB-Trip Blank

Accutest Sample #	Field ID / Point of Collection	MEOH/DI Vial #	Collection Date	Collection Time	Sampled by	Matrix	# of bottles	HCl	NaOH	HNO3	H2SO4	NONE	DI Water	MEOH	ENCORE	LAB USE ONLY
	MW-5		2/25/09	1025	MW	L	7	3		2						806, AMETA, EX7
	MS -1F		2/25/09	1025	MW	L	7	3		2						
	MSD		2/25/09	1025	MW	L	7	3		2						
	MW-4 -2F		2/25/09	1115	MW	L	7	3		2						
	MW-3 -3F		2/25/09	1145	MW	L	7	3		2						
	MW-2 -4F		2/25/09	1230	MW	L	7	3		2						
	MW-1 -5F		2/25/09	200	MW	L	7	3		2						
	MW-X -6F		2/25/09	200	MW	L	7	3		2						
	Trip Blank (B)	-7	2/25/09			L	2									
	Field Blank 2/25	-8F	2/25/09	1040	MW	L	7	3		2						
	Temp Blank															

Turnaround Time (Business days)

- [ ] Std. 15 Business Days
- [ ] Std. 10 Business Days (by Contract only)
- [ ] 10 Day *RUSH* (7 day RUSH)
- [ ] 5 Day *RUSH*
- [ ] 3 Day *EMERGENCY*
- [ ] 2 Day *EMERGENCY*
- [ ] 1 Day *EMERGENCY*

Emergency & Rush T/A data available VIA Lablink

Approved By (Accutest PM): / Date: Tony Esposito

Data Deliverable Information

- [ ] Commercial "A" (Level 1)
- [ ] Commercial "B" (Level 2)
- [ ] FULLT1 (Level 3+4)
- [ ] NJ Reduced
- [ ] Commercial "C"
- [ ] NYASP Category A
- [x] NYASP Category B
- [ ] State Forms
- [ ] EDD Format
- [ ] Other

Commercial "A" = Results Only
Commercial "B" = Results + QC Summary
NJ Reduced = Results + QC Summary + Partial Raw data

Comments / Special Instructions

7-day RUSH
3 Codes 20 (W)

TB filled 2/5/09 @ 0630 TRS 2/26/09

Sample Custody must be documented below each time samples change possession, including courier delivery.

	Relinquished by Sampler:	Date Time:	Received By:	Relinquished By:	Date Time:	Received By:
1		2/26/09 1105	Bill Kane	Bill Kane	2/26 1105	PM
2						
3						
4						
5						

Custody Seal # 896,898 ☐ Intact ☐ Not Intact | Preserved where applicable ☐ | On Ice ☑ | Cooler Temp. 3.5 3.1 3.2

46 rec'd intact TRS 2/26/09

A

JA12935: Chain of Custody
Page 1 of 2

JA12935 COC

ACCUTEST.

Sample Log-in Summary

Lab Name: Accutest Page ___ of ___

Received by (Print Name): Peter Dabi Log-in Date: 2/26/09

Received by (Signature):

Case Number: N/A
SDG Number:
SAS Number: N/A

REMARKS:

1. Custody Seal(s) Present/Absent* Intact/Broken
2. Custody Seal Numbers: 896,898
3. Chain-of-Custody Records Present/Absent*
4. Contract Lab Sample Inform. Sheet (CLSIS) Present/Absent* N/A
5. Airbill Airbill/Sticker Present/Absent* N/A
6. Airbill No.: N/A
7. Sample Tags Present/Absent* Sample Tag Nos. Listed/Not Listed on Chain-of-Custody N/A
8. Sample Condition Intact/Broken*/ Leaking
9. Does Information on custody rec., CLSIS, & sample tags agree COC and labels agree Yes/No*
10. Date received at Lab: 2/26/09
11. Time Received: 1303
12. Do aqueous VOC vials have headspace? Yes/No*
13. Are preserved voc soil samples fully immersed in preservative? Yes/No* N/A

Sample Transfer

Fraction:
Area #:
By:
On:

See Internal Chain of Custody

	CORRESPONDING			
	NYSDEC SAMPLE #	SAMPLE TAG #	ASSIGNED LAB #	REMARKS: CONDITION OF SAMPLE SHIPMENT, ETC.
	N/A		JA12935	-1
	N/A			-2
	N/A			-3
	N/A			-4
	N/A			-5
	N/A			-6
	N/A			-7
	N/A			-8
	N/A			
	N/A			
	N/A		

DUSR

Premier Environmental Services

DATA USABILTY SUMMARY REPORT (DUSR)

VIA VERDE – 700-730 BROOK STREET
BRONX, NEW YORK

TO-15 ANALYSES
IN SOIL VAPOR SAMPLES

ACCUTEST LABORATORIES
DAYTON, NEW JERSEY

PROJECT NO.: JA11797

March, 2009

Prepared for
C.A. Rich Consultants, Inc.
Plainview, New York

Prepared by
Premier Environmental Services
2815 Covered Bridge Road
Merrick, New York 11566
(516)223-9761

NYS DEC Data Usability Summary Report

DATA VALIDATION FOR:	**Volatile Organic Analyses – EPA Method TO-15**
SITE:	**Via Verde 700-730 Brook Street Bronx, New York**
CONTRACT LAB:	**Accutest Laboratories Dayton, NJ**
LABORATORY REPORT:	**JA11797**
REVIEWER:	**Renee Cohen**
DATE REVIEW COMPLETED:	**March, 2009**
MATRIX:	**Soil Vapor**

The data validation was performed according to the guidelines in the described in the New York State Department of Environmental Conservation, Division of Environmental Remediation, Guidance for the Development of Data Usability Summary Reports (DUSR). In addition the data was been reviewed using the protocol specified in the NYS Analytical Services Protocol ('95). The data validation was performed according to the guidelines in the USEPA National Functional Guidelines for Organic Data Review and the USEPA Region II SOP HW-31-Volatile Organic Analysis of Ambient Air in Canisters by Method TO-15 (10/06).

All data are considered valid and acceptable except those analytes which have been rejected "R" (unusable). Due to various QC problems some analytes may have been qualified with a "J" (estimated), "N" (presumptive evidence for the presence of the material, "U" (non-detect), or "JN" (presumptive evidence for the presence of the material at an estimated value) flag. All actions are detailed on the attached sheets.

Several factors should be noted for all persons using this data. Persons using this data should be aware that no result is guaranteed to be accurate even if it has passed all QC tests. The main purpose of this review is to appropriately qualify outliers and to determine whether the results presented meet the specific site/project criteria for data quality and data use.

This data assessment is for a nine (9) soil vapor samples. The samples in this data set were collected February 10, 2009 and picked up by Accutest currier and brought Accutest Laboratories located in Dayton, NJ. The samples were received at the laboratory on February 10, 2009. The sample boxes were received at properly preserved. The samples were analyzed for Volatile Organic Analytes via EPA Method TO-15, as specified on the Chain of Custody (COC) documentation that accompanied the samples to the laboratory.

A cross-reference between Field Sample ID and Laboratory Sample ID is located in Table 1 of this report. The report definitions that may be used to qualify data results are located in Appendix A of this report. Copies of qualified data result pages are located in Appendix B of this report and a copy of Chain of Custody (COC) documentation associated with sampling event is located in Appendix C. Appendix D of this report contains a summary of the QC forms applicable to the field samples that were in the original laboratory report. These pages have not been qualified and are copies of the pages found in the original data report.

DATA USABILITY SUMMARY REPORT (DUSR)
VIA VERDE SITE

1. OVERVIEW:

The chain of custody indicates that ten (10) soil vapor samples were collected from this site. The COC indicates that the flow meter for sample SVP-3 did not collect sample. Nine (9) soil vapor samples were analyzed and reported herin. The samples were analyzed using EPA Method T0-15 in the Compendium of Methods for the Determination of Toxic Compounds in Ambient Air, January 1999. The specified target compounds were reported. Proper custody transfer of the samples was documented in the laboratory reports. Cooler temperature was within QC limits. The sample/SUMA canisters were received in good condition. The laboratory provided a deliverables package in accordance with the guidelines in the NYSDEC ASP, Rev '95, Category B.

The Chain of Custody (COC) documentation that accompanied the samples to the laboratory indicated that the samples were Soil Vapor (SV) samples.

2. HOLDING TIME:

The amount of an analyte in a sample can change with time due to chemical instability, degradation, volatilization, etc. If the specified holding time is exceeded, the data may not be valid. After the air sample is collected and identification tag is attached and the canister is transported to the laboratory for analysis. The canister is stored until analysis. Storage times of up to thirty (30) days have been demonstrated for many of the Volatile Organic Compounds.

The ambient air samples associated with this data set were received at the laboratory on February 10, 2008. All sample analyses were completed by February 17, 2008. Each of the samples in this data was analyzed within the method holding time.

3. SURROGATES:

All samples are spiked with surrogate compounds prior to sample preparation to evaluate the overall laboratory performance and the efficiency of the analytical technique. If the measured surrogate concentrations are outside the In-house QC limits (78-124%), qualifiers were applied to the effected samples.

Each field sample and QC sample was spiked with the surrogate compound 4-Bromofluorbenzene. Surrogate recovery limits of 78-124% were utilized by the laboratory for the surrogate compound. A summary of the percent surrogate recovery was included in the data report. The percent recovery for all field samples and QC samples associated with each data set met QC criteria.

4. MATRIX SPIKE/SPIKE DUPLICATE, MS/MSD:

The MS/MSD data are generated to determine the long term precision and accuracy of the analytical method in various matrices. The MS/MSD may be used in conjunction with other QC criteria for additional qualification of data. The laboratory used the in-house generated recovery criteria and RPD (precision) data for reporting purposes.

Due to sampling procedures and the use of canisters for this analysis MS/MSD samples are not collected with this sample analysis.

5. BLANK SPIKE ANALYSIS:

The NY ASP protocol requires that a blank spike analysis be performed with each sample batch. The blank spike analysis is used to insure that the analytical system is in control. The laboratory applied in-house recovery limits for each analyte. The method requires the analysis of a 10 ppbv fortified sample analysis. Recovery limits of 70%-130% for each LCS target compound. Professional judgment is used to review data associated with the LCS sample results.

The laboratory prepared and analyzed one (1) Blank Spike/Blank Spike Duplicate (BS/BSD) with each sample batch associated with the samples in this data set. A BS/BSD is also associated with the QC samples associated with this data set. A review of the bank spike/blank spike duplicate data associated with both the field samples and QC samples was made. The Blank Spike and Blank Spike Duplicate sample was fortified with all target compounds. The recovery of each target analyte was reported in the data report. The percent recovery of all target analytes met QC criteria for both percent recovery and relative percent difference for the BS/BSD associated with the field samples in this data set.

6. BLANK CONTAMINATION:

Quality assurance (QA) blanks, such as the method, trip, field, or rinse blanks are prepared to identify any contamination that may have been introduced into the samples during sample preparation or field activity. Method blanks measure laboratory contamination. Trip blanks measure cross-contamination of samples during shipment. Field blanks measure cross-contamination of samples during field operations. Samples are then qualified based on blank contamination when detected.

A) Method Blank contamination

Two (2) method blank samples are associated with the field samples in this data set. Each of the method blank samples was free from contamination of target analytes.

B) Field Blank contamination

A Field Blank sample is not associated with this data set.

C) Trip Blank contamination

A Trip Blank sample is not associated this data set.

DATA USABILITY SUMMARY REPORT (DUSR)
VIA VERDE SITE

7. GC/MS CALIBRATION:

Satisfactory instrument calibration is established to ensure that the instrument is capable of producing acceptable quantitative data. An initial calibration demonstrates that the instrument is capable of giving acceptable performance at the beginning of an experimental sequence. The continuing calibration verifies that the instrument is giving satisfactory daily performance.

The method states that the GC/MS instrument be calibrated at a minimum of five (5) concentrations that span the range of interest. An analytical sequence includes a time frame of twenty-four (24) hours. After each 24 hour period anew analytical sequence is commenced with the analysis of an instrument performance standard and a daily calibration standard. The calculated %RSD of each target analyte must be less than 30% with at most two exceptions up to a limit of 40%. Based on the Region II validation Guidance documents any target analytes with a %RSD greater than 30% have been qualified "UJ/J" estimated.

Two (2) initial calibration curve analyses are associated with the soil vapor samples associated with this data set. The laboratory performed an initial nine (9) point multi level calibration on Instrument GCMS2W on February 6, 2009. This curve analysis is associated with samples SVP-1, SVP-2, SVP-4 and SVP-5. The RRF of each target analyte and the %RSD of each target analyte met QC criteria in this initial calibration curve analysis One (1) continuing calibration standard verification analysis was performed on February 17, 2009 (2W22116.D). All response factors and % Difference criteria were met in this continuing calibration standard analysis.

An additional initial nine (9) point multi level calibration on Instrument GCMSW was performed on February 17, 2009. This curve analysis is associated with samples SVP-6, SVP-7, SVP-8, SVP-9 and SVP-10. The RRF of each target analyte and the %RSD of each target analyte met QC criteria in this initial calibration curve analysis One (1) continuing calibration standard verification analysis was performed on February 17, 2009 (W20236.D). All response factors and % Difference criteria were met in this continuing calibration standard analysis.

8. GC/MS MASS SPECTROMETER TUNING:

Tuning and performance criteria are established to ensure adequate mass resolution, proper identification of compounds, and to some degree, sufficient instrument sensitivity. These criteria are not sample specific. Instrument performance is determined using standard materials. Therefore, these criteria should be met in all circumstances. The tuning standard for volatile organics is Bromofluorobenzene (BFB). If the mass calibration is in error, or missing, all associated data will be classified as unusable, "R".

GC/MS instrument performance must be checked prior to sample analysis. The method specifies that the BFB Instrument Performance Check be analyzed initially and once per twenty-four (24) hour period of operation. All instrument tuning criteria were met for these sample analyses.

DATA USABILITY SUMMARY REPORT (DUSR)
VIA VERDE SITE

9. GC/MS INTERNAL STANDARDS PERFORMANCE:

Internal standard (IS) performance criteria ensure that the GC/MS sensitivity and response are stable during every run. EPA Method TO-15 recommends that the internal standard area count must not vary by more than +/- 40% from the associated continuing calibration standard. The method recommends that the retention time of the internal standard must not vary more than ±20 seconds from the associated continuing calibration standard. The EPA CLP validation guidelines state that if the area count is outside the range of the associated standard, all of the positive results for compounds quantitated using that IS are qualified estimated, "J", and all non-detects below 50% are qualified "UJ", non detects above 100% should not be qualified or "R" if there is a severe loss of sensitivity. This QC review policy has been applied to these ambient air analyses.

All samples were fortified with the internal standards Bromochloromethane, 1,4-Difluorobenzene and Chlorobenzene. All internal standard area criteria were met for each of the sample analyses associated with this data set.

10. COMPOUND IDENTIFICATION:

Target compounds are identified on the GC/MS by using the analyte's relative retention time (RRT) and by comparison to the ion spectra obtained from known standards. For the results to be a positive hit, the sample peak must be within ± 0.06 RRT units of the standard compound, and have an ion spectra which has a ratio of the primary and secondary ion intensities with 20% of that in the standard compound. Target compounds are identified on the GC by using the analytes retention time. Concentration is quantitated from the initial calibration curve.

Ten (10) air samples are listed on the Chain of Custody documentation that accompanied the samples to the laboraotry. The samples were collected on February 10, 2009. The final canister pressure at sample point SVP-3 was high. The sampler indicated that the flow meter indicated that the sample was not collected. Sample analysis was cancelled at this location. Nine (9) samples were analyzed and reported herein. All samples analyses were completed by February 17, 2009. The target analyte results for the samples in this data set were reported in ppb (v/v) and ug/m3. Each of the samples in this data set was analyzed without additional dilution. Base reporting limits were utilized for each sample associated with this data set.

In addition to the sample analysis, the laboratory analyzed a field sample in duplicate on each day of sample analysis. Sample SVP-1 (JA11797-1) was analyzed as a laboratory duplicate sample and reported in a summary format. The RPD of the laboratory duplicate analysis was reported. The RPD for each target analyte with the exception of 2,2,4-Trimethylpentane met QC criteria. The RPD of this analyte was slightly above limits due to the low concentration of the analyte detected. No action was taken based on this outlier.

Sample SVP-10 (JA11797-10) was analyzed as a laboratory duplicate sample and reported in a summary format. The RPD of the laboratory duplicate analysis was reported. The RPD for each target analyte met QC criteria.

DATA USABILITY SUMMARY REPORT (DUSR)
VIA VERDE SITE

11. FIELD DUPLICATE ANALYSES:

Field duplicate samples are collected and analyzed as an indication of overall precision. These results are expected to have more variability than laboratory duplicate samples. Analytes reported above the reporting limit are listed and compared below. Data was not qualified based on the RPD of field duplicate sample analyses.

Sample duplicates were not collected with this data set.

12. CANNISTER CHECKS/INSTRUMENT PERFORMANCE:

Accutest Laboratories provided the logs that document the canister cleaning and 24 hour vacuum check as required by the method. Also provided for review was the check of the initial canister pressure when the samples were received at the laboratory for analysis. The laboratory included all raw data associated with the suma canister cleaning (scc) samples for review.

13. OVERALL ASSESSMENT:

Analytical QC criteria were met for these analyses. The data reported agrees with the raw data provided in the final report. The laboratory provided a complete data package and reported all data using acceptable protocols and laboratory qualifiers as defined in the report package.

The data provided for this data set is acceptable for use without data qualifiers.

NYS DEC Data Usability Summary Report

DATA VALIDATION FOR:	**Volatile Organic Analyses – EPA Method TO-15**
SITE:	**Via Verde 700-730 Brook Street Bronx, New York**
CONTRACT LAB:	**Accutest Laboratories Dayton, NJ**
LABORATORY REPORT:	**JA12930**
REVIEWER:	**Renee Cohen**
DATE REVIEW COMPLETED:	**March, 2009**
MATRIX:	**Soil Vapor**

The data validation was performed according to the guidelines in the described in the New York State Department of Environmental Conservation, Division of Environmental Remediation, Guidance for the Development of Data Usability Summary Reports (DUSR). In addition the data was been reviewed using the protocol specified in the NYS Analytical Services Protocol ('95). The data validation was performed according to the guidelines in the USEPA National Functional Guidelines for Organic Data Review and the USEPA Region II SOP HW-31-Volatile Organic Analysis of Ambient Air in Canisters by Method TO-15 (10/06).

All data are considered valid and acceptable except those analytes which have been rejected "R" (unusable). Due to various QC problems some analytes may have been qualified with a "J" (estimated), "N" (presumptive evidence for the presence of the material, "U" (non-detect), or "JN" (presumptive evidence for the presence of the material at an estimated value) flag. All actions are detailed on the attached sheets.

Several factors should be noted for all persons using this data. Persons using this data should be aware that no result is guaranteed to be accurate even if it has passed all QC tests. The main purpose of this review is to appropriately qualify outliers and to determine whether the results presented meet the specific site/project criteria for data quality and data use.

This data assessment is for one (1) soil vapor sample. The sample was collected February 25, 2009 and picked up by Accutest currier and brought Accutest Laboratories located in Dayton, NJ. The sample was received at the laboratory on February 26, 2009. The sample box was received at properly preserved. The sample was analyzed for Volatile Organic Analytes via EPA Method TO-15, as specified on the Chain of Custody (COC) documentation that accompanied the samples to the laboratory.

A cross-reference between Field Sample ID and Laboratory Sample ID is located in Table 1 of this report. The report definitions that may be used to qualify data results are located in Appendix A of this report. Copies of qualified data result pages are located in Appendix B of this report and a copy of Chain of Custody (COC) documentation associated with sampling event is located in Appendix C. Appendix D of this report contains a summary of the QC forms applicable to the field samples that were in the original laboratory report. These pages have not been qualified and are copies of the pages found in the original data report.

DATA USABILITY SUMMARY REPORT (DUSR)
VIA VERDE SITE

1. OVERVIEW:

The sample included in this data report was collected from the sample point that was not collected due to canister/pump failure. This sample is located at sample point SVP-3. This DUSR report is provided as an appendix to the original data set. The sample was analyzed using EPA Method T0-15 in the Compendium of Methods for the Determination of Toxic Compounds in Ambient Air, January 1999. The specified target compounds were reported. Proper custody transfer of the samples was documented in the laboratory reports. Cooler temperature was within QC limits. The sample/SUMA canister was received in good condition. The laboratory provided a deliverables package in accordance with the guidelines in the NYSDEC ASP, Rev '95, Category B.

2. HOLDING TIME:

The amount of an analyte in a sample can change with time due to chemical instability, degradation, volatilization, etc. If the specified holding time is exceeded, the data may not be valid. After the air sample is collected and identification tag is attached and the canister is transported to the laboratory for analysis. The canister is stored until analysis. Storage times of up to thirty (30) days have been demonstrated for many of the Volatile Organic Compounds.

The ambient air sample associated with this data set was received at the laboratory on February 26, 2008. All sample analyses were completed by March 4, 2009. The sample was analyzed within the method holding time.

3. SURROGATES:

All samples are spiked with surrogate compounds prior to sample preparation to evaluate the overall laboratory performance and the efficiency of the analytical technique. If the measured surrogate concentrations are outside the In-house QC limits (78-124%), qualifiers were applied to the effected samples.

Each field sample and QC sample was spiked with the surrogate compound 4-Bromofluorbenzene. Surrogate recovery limits of 78-124% were utilized by the laboratory for the surrogate compound. A summary of the percent surrogate recovery was included in the data report. The percent recovery for all field samples and QC samples met QC criteria.

4. MATRIX SPIKE/SPIKE DUPLICATE, MS/MSD:

The MS/MSD data are generated to determine the long term precision and accuracy of the analytical method in various matrices. The MS/MSD may be used in conjunction with other QC criteria for additional qualification of data. The laboratory used the in-house generated recovery criteria and RPD (precision) data for reporting purposes.

Due to sampling procedures and the use of canisters for this analysis MS/MSD samples are not collected with this sample analysis.

DATA USABILITY SUMMARY REPORT (DUSR)
VIA VERDE SITE

5. BLANK SPIKE ANALYSIS:

The NY ASP protocol requires that a blank spike analysis be performed with each sample batch. The blank spike analysis is used to insure that the analytical system is in control. The laboratory applied in-house recovery limits for each analyte. The method requires the analysis of a 10 ppbv fortified sample analysis. Recovery limits of 70%-130% for each LCS target compound. Professional judgment is used to review data associated with the LCS sample results.

The laboratory prepared and analyzed one (1) Blank Spike/Blank Spike Duplicate (BS/BSD) with this sample. A review of the bank spike/blank spike duplicate data associated with this sample was performed. The Blank Spike and Blank Spike Duplicate sample was fortified with all target compounds. The recovery of each target analyte was reported in the data report. The percent recovery of all target analytes met QC criteria for both percent recovery and relative percent difference.

6. BLANK CONTAMINATION:

Quality assurance (QA) blanks, such as the method, trip, field, or rinse blanks are prepared to identify any contamination that may have been introduced into the samples during sample preparation or field activity. Method blanks measure laboratory contamination. Trip blanks measure cross-contamination of samples during shipment. Field blanks measure cross-contamination of samples during field operations. Samples are then qualified based on blank contamination when detected.

A) Method Blank contamination

One (1) method blank samples are associated with sample SVP-3. The method blank sample was free from contamination of target analytes.

B) Field Blank contamination

A Field Blank sample is not associated with this data set.

C) Trip Blank contamination

A Trip Blank sample is not associated this data set.

DATA USABILITY SUMMARY REPORT (DUSR)
VIA VERDE SITE

7. GC/MS CALIBRATION:

Satisfactory instrument calibration is established to ensure that the instrument is capable of producing acceptable quantitative data. An initial calibration demonstrates that the instrument is capable of giving acceptable performance at the beginning of an experimental sequence. The continuing calibration verifies that the instrument is giving satisfactory daily performance.

The method states that the GC/MS instrument be calibrated at a minimum of five (5) concentrations that span the range of interest. An analytical sequence includes a time frame of twenty-four (24) hours. After each 24 hour period anew analytical sequence is commenced with the analysis of an instrument performance standard and a daily calibration standard. The calculated %RSD of each target analyte must be less than 30% with at most two exceptions up to a limit of 40%. Based on the Region II validation Guidance documents any target analytes with a %RSD greater than 30% have been qualified "UJ/J" estimated.

One (1) initial calibration curve analyses are associated with the soil vapor sample associated with this data set. The laboratory performed an initial nine (9) point multi level calibration on Instrument GCMS3W on March 2, 2009. The RRF of each target analyte and the %RSD of each target analyte met QC criteria in this initial calibration curve analysis One (1) continuing calibration standard verification analysis was performed on March 4, 2009 (File ID: 3W10144.D). All response factors and % Difference criteria were met in this continuing calibration standard analysis.

8. GC/MS MASS SPECTROMETER TUNING:

Tuning and performance criteria are established to ensure adequate mass resolution, proper identification of compounds, and to some degree, sufficient instrument sensitivity. These criteria are not sample specific. Instrument performance is determined using standard materials. Therefore, these criteria should be met in all circumstances. The tuning standard for volatile organics is Bromofluorobenzene (BFB). If the mass calibration is in error, or missing, all associated data will be classified as unusable, "R".

GC/MS instrument performance must be checked prior to sample analysis. The method specifies that the BFB Instrument Performance Check be analyzed initially and once per twenty-four (24) hour period of operation. All instrument tuning criteria were met for these sample analyses.

9. GC/MS INTERNAL STANDARDS PERFORMANCE:

Internal standard (IS) performance criteria ensure that the GC/MS sensitivity and response are stable during every run. EPA Method TO-15 recommends that the internal standard area count must not vary by more than +/- 40% from the associated continuing calibration standard. The method recommends that the retention time of the internal standard must not vary more than +20 seconds from the associated continuing calibration standard. The EPA CLP validation guidelines state that if the area count is outside the range of the associated standard, all of the positive results for compounds quantitated using that IS are qualified estimated, "J", and all non-detects below 50% are qualified "UJ", non detects above 100% should not be qualified or "R" if there is a severe loss of sensitivity. This QC review policy has been applied to these ambient air analyses.

All samples were fortified with the internal standards Bromochloromethane, 1,4-Difluorobenzene and Chlorobenzene. All internal standard area criteria were met for sample SVP-3

DATA USABILITY SUMMARY REPORT (DUSR)
VIA VERDE SITE

10. COMPOUND IDENTIFICATION:

Target compounds are identified on the GC/MS by using the analyte's relative retention time (RRT) and by comparison to the ion spectra obtained from known standards. For the results to be a positive hit, the sample peak must be within ± 0.06 RRT units of the standard compound, and have an ion spectra which has a ratio of the primary and secondary ion intensities with 20% of that in the standard compound. Target compounds are identified on the GC by using the analytes retention time. Concentration is quantitated from the initial calibration curve.

One (1) soil vapor is listed on the Chain of Custody documentation that accompanied the cooler to the laboratory. The sample was collected on February 25, 2009. All sample analyses were completed by March 4, 2009. The target analyte results for sample SVP-3 are were reported in ppb (v/v) and ug/m3.

11. FIELD DUPLICATE ANALYSES:

Field duplicate samples are collected and analyzed as an indication of overall precision. These results are expected to have more variability than laboratory duplicate samples. Analytes reported above the reporting limit are listed and compared below. Data was not qualified based on the RPD of field duplicate sample analyses.

Sample duplicates were not collected with this data set.

12. CANNISTER CHECKS/INSTRUMENT PERFORMANCE:

Accutest Laboratories provided the logs that document the canister cleaning and 24 hour vacuum check as required by the method. Also provided for review was the check of the initial canister pressure when the samples were received at the laboratory for analysis. The laboratory included all raw data associated with the suma canister cleaning (scc) samples for review.

13. OVERALL ASSESSMENT:

Analytical QC criteria were met for these analyses. The data reported agrees with the raw data provided in the final report. The laboratory provided a complete data package and reported all data using acceptable protocols and laboratory qualifiers as defined in the report package.

The data provided for this data set is acceptable for use without data qualifiers.

Premier Environmental Services

TABLE 1

2815 COVERED BRIDGE ROAD, MERRICK, NEW YORK 11566
(516) 223-9761 • FAX (516) 223-0983

CLIENT SAMPLE ID	LABORATORY SAMPLE ID
SVP-1	JA11797-1
SVP-2	JA11797-2
SVP-3 **	JA11797-3
SVP-4	JA11797-4
SVP-5	JA11797-5
SVP-6	JA11797-6
SVP-7	JA11797-7
SVP-8	JA11797-8
SVP-9	JA11797-9
SVP-10	JA11797-10

** denotes sample was collected but due to high pressure at the end of the sample collection – sample was analyzed.

2815 COVERED BRIDGE ROAD, MERRICK, NEW YORK 11566
(516) 223-9761 • FAX (516) 223-0983

Premier Environmental Services

APPENDIX A

2815 COVERED BRIDGE ROAD, MERRICK, NEW YORK 11566
(516) 223-9761 • FAX (516) 223-0983

DATA QUALIFIER DEFINITIONS

U - The analyte was analyzed for, but was not detected above the reported sample quantitation limit.

J - The analyte was positively identified; the associated numerical value is the approximate concentration of the analyte in the sample.

N - The analysis indicates the presence of an analyte for which there is presumptive evidence to make a "tentative identification."

NJ - The analysis indicates the presence of an analyte that has been "tentatively identified" and the associated numerical value represents its approximate concentration.

UJ - The analyte was not detected above the reported sample quantitation limit. However, the reported quantitation limit is approximate and may or may not represent the actual limit of quantitation necessary to accurately and precisely measure the analyte in the sample.

R - The sample results are unreliable/unusable. The presence or absence of the analyte cannot be verified.

K – The analyte is present. The reported value may be biased high. The actual value is expected to be lower than reported.

L - The analyte is present. The reported value may be biased low. The actual value is expected to be higher than reported.

UL – The analyte was not detected, and the reported quantitation limit is probably higher than reported.

2815 COVERED BRIDGE ROAD, MERRICK, NEW YORK 11566
(516) 223-9761 • FAX (516) 223-0983

APPENDIX B

2815 COVERED BRIDGE ROAD, MERRICK, NEW YORK 11566
(516) 223-9761 • FAX (516) 223-0983

THE SOIL VAPOR SAMPLES IN THIS DATA SET DID NOT REQUIRE DATA QUALIFICATION

Premier Environmental Services

APPENDIX C

2815 COVERED BRIDGE ROAD, MERRICK, NEW YORK 11566
(516) 223-9761 • FAX (516) 223-0983

CHAIN OF CUSTODY

ACCUTEST. Laboratories
www.accutest.com

Air Sampling Field Data Sheet

2235 US Highway 130, Dayton, NJ 08810
Tel: 732.329.0200 Fax: 732.329.3499

FED-EX Tracking #	Bottle Order Control # TE-2/B/2009-6	PAGE 1 OF 1
Lab Quote #	Lab Job # JA11797	

Client / Reporting Information

Company Name: CA Rich Inc.	Project Name: La Verde
Address: 17 Dupont Street	Street: Brook Street.
City: Plainview State: NY Zip: 11803	City: Bronx State: NY
Project Contact: Deborah Shapiro E-mail: DShapiro@CARichInc.com	Project #: La Verde
Phone #: (516)576-8844 Fax #: (516)576-0083	Client Purchase Order #: 562/2009-531
Sampler(s) Name(s): Fiona Whelan	

Weather Parameters

Temperature (Fahrenheit) Start: Maximum: Stop: Minimum:
Atmospheric Pressure (inches of Hg) Start: Maximum: Stop: Minimum:
Other weather comment:

Lab Sample #	Field ID / Point of Collection	Air Type: Indoor (I) Soil Vap (SV) Ambient (A)	Sampling Equipment Info: Canister Serial #	Canister Size 6L or 1L	Flow Controller Serial #	Start Sampling Information: Date	Time (24 hr clock)	Canister Pressure ("Hg)	Interior Temp (F)	Sampler Init.	Stop Sampling Information: Date	Time (24 hr clock)	Canister Pressure ("Hg)	Interior Temp (F)	Sampler Init.	Requested Analysis: TO-15
-1	SVP-1	SV	A776	6	FC178	2/10	859	-30		VW	2/10	1058	-6		VW	X
-2	SVP-2	SV	305	6	185	2/10	857	-30		VW	2/10	1057	-1		VW	X
-3	SVP-3	SV	777	6	357	2/10	910	-30		VW	2/10	1155	-30		VW	X
-4	SVP-4	SV	295	6	159	2/10	915	-30		VW	2/10	1115	-5		VW	X
-5	SVP-5	SV	241	6	645	2/10	918	-30		VW	2/10	1118	-7		VW	X
-6	SVP-6	SV	300	6	240	2/10	924	-30		VW	2/10	1124	-5		VW	X
-7	SVP-7	SV	461	6	362	2/10	905	-30		VW	2/10	1105	-5		VW	X
-8	SVP-8	SV	043	6	180	2/10	930	-29		VW	2/10	1130	-7		VW	X
-9	SVP-9	SV	838	6	208	2/10	939	-30		VW	2/10	1139	-8		VW	X
-10	SVP-10	SV	360	6	278	2/10	942	-30		VW	2/10	1142	-7		VW	X

Turnaround Time (Business Days)

Standard - 15 Days	X
10 Day	
5 Day	
3 Day	
2 Day	
1 Day	
Other	

Approved By: Summa
Date:

Data Deliverable Information

All NJDEP TO-15 is mandatory Full T1

Comm A	
Comm B	
Reduced T2	
Full T1	
Other:	

Comments / Remarks

*SVP-3 samples flow meter did not show that sample was collected. End time was at -30. FC357 Please call before analysis.

Sample Custody must be documented below each time samples change possession, including courier delivery.

	Relinquished by Laboratory:	Date Time: 2/9/09 1800	Received by: 1 GEI CX	Relinquished by: 2	Date Time:	Received by:
	Relinquished by: 3	Date Time: 2/10/09	Received by: 3 Pel Oel	Relinquished by: 4 Pel Oel	Date Time: 2/10/09 1830	Received by: 4
	Relinquished by:	Date Time:	Received by: 5	Custody Seal #		

4.1 4

Accutest Laboratories Sample Receipt Summary

Accutest Job Number: JA11797 **Client:** CARICH-NY **Immediate Client Services Action Required:** No

Date / Time Received: 2/10/2009 1830 **Delivery Method:** Accutest Courier **Client Service Action Required at Login:** Yes

Project: VIAVERDE **No. Coolers:** **Airbill #'s:**

Cooler Security	Y	or	N		Y	or	N
1. Custody Seals Present:	☐		☑	3. COC Present:	☑		☐
2. Custody Seals Intact:	☐		☑	4. Smpl Dates/Time OK	☑		☐

Cooler Temperature	Y	or	N
1. Temp criteria achieved:	☑		☐
2. Cooler temp verification:	Infared gun		
3. Cooler media:	Ice (bag)		

Quality Control Preservation	Y	or	N
1. Trip Blank present / cooler:	☐		☐
2. Trip Blank listed on COC:	☐		☐
3. Samples preserved properly:	☑		☐
4. VOCs headspace free:	☐		☐

Sample Integrity - Documentation	Y	or	N
1. Sample labels present on bottles:	☑		☐
2. Container labeling complete:	☑		☐
3. Sample container label / COC agree:	☑		☐

Sample Integrity - Condition	Y	or	N
1. Sample recvd within HT:	☑		☐
2. All containers accounted for:	☑		☐
3. Condition of sample:	Intact		

Sample Integrity - Instructions	Y	or	N
1. Analysis requested is clear:	☑		☐
2. Bottles received for unspecified tests	☐		☑
3. Sufficient volume recvd for analysis:	☑		☐
4. Compositing instructions clear:	☐		☐
5. Filtering instructions clear:	☐		☐

Comments -6 SUMMA AND FC # ARE SWITCHED ON COC

Accutest Laboratories
V:732.329.0200

2235 US Highway 130
F: 732.329.3499

Dayton, New Jersey
www.accutest.com

4.1

4

JA11797: Chain of Custody
Page 2 of 4

Job Change Order: JA11797_2/13/2009

Requested Date:	2/13/2009	**Received Date:**	2/10/2009
Account Name:	C. A. Rich Consultants	**Due Date:**	2/24/2009
Project Description:	Via Verde, 700-730 Brook Avenue, Bronx, NY	**Deliverable:**	NEED
CSR:	TE	**TAT (Days):**	14

Sample #: JA11797-3

Change: Cancel this sample, cannister received with high vacuum reading.

SVP-3

Above Changes Deborah Shapiro **Date:** 2/13/2009

To Client: This Change Order is confirmation of the revisions, previously discussed with the Accutest Client Service Representative.

Page 1 of 1

JA11797: Chain of Custody
Page 4 of 4

ACCUTEST. Laboratories
www.accutest.com AIR

CHAIN OF CUSTODY
Air Sampling Field Data Sheet

2235 US Highway 130, Dayton, NJ 08810
Tel: 732.329.0200 Fax: 732.329.3499

PRX-130429#8

FED-EX Tracking #	Bottle Order Control # TE- 2/13/2009	PAGE 1 OF 1
Lab Quote #	Lab Job # JA12930	

Client / Reporting Information

Company Name: CA Rich Inc.	Project Name: Via Verde
Address: 7 Dupont St.	Street: 700-750 Brook Ave
City: Plainview State: NY Zip: 11803	City: Bronx State: NY
Project Contact: Deborah Shapiro E-mail: DShapiro@CARichInc.com	Project #:
Phone #: (516)576-8844 Fax #: (516)576-0093	Client Purchase Order #:
Sampler(s) Name(s): DS + MY	

Weather Parameters

Temperature (Fahrenheit) Start:	Maximum:
Stop:	Minimum:
Atmospheric Pressure (Inches of Hg) Start:	Maximum:
Stop:	Minimum:
Other weather comment:	

Requested Analysis

Lab Sample #	Field ID / Point of Collection	Air Type: Indoor (I) Soil Vap (SV) Ambient(A)	Sampling Equipment Info: Canister Serial #	Canister Size 6L or 1L	Flow Controller Serial #	Start Sampling Information: Date	Time (24 hr clock)	Canister Pressure ("Hg)	Interior Temp (F)	Sampler Init.	Stop Sampling Information: Date	Time (24 hr clock)	Canister Pressure ("Hg)	Interior Temp (F)	Sampler Init.	TO-15
-1	SVP-3	SV	A031	GL	159	8/25	946	-30		MW	8/25	1257	-9		MW	X

Turnaround Time (Business Days)

Standard - 15 Days	X
10 Day	
5 Day	
3 Day	
2 Day	
1 Day	
Other	

Approved By:_____
Date:_____

Data Deliverable Information

All NJDEP TO-15 is mandatory Full T1

Comm A	
Comm B	
Reduced T2	
Full T1	
Other:	SRC Category B

Comments / Remarks

1 Summa Can (MW)
Summa

Sample Custody must be documented below each time samples change possession, including courier delivery.

	Relinquished By Laboratory	Date Time:	Received by:	Relinquished by	Date Time	Received by:
1	Ray Macomber	2/19/09	1 Fed Ex	2 Fed Ex		2
3		2/20/09	3 Bill Kane	4 Bill Kane	2/26/09	Received by: PM
5			5	Custody Seal #		

TA

4.1 4

JA12930: Chain of Custody
Page 1 of 3

Premier Environmental Services

APPENDIX D

2815 COVERED BRIDGE ROAD, MERRICK, NEW YORK 11566
(516) 223-9761 • FAX (516) 223-0983

Volatile Surrogate Recovery Summary

Job Number: JA11797
Account: CARICH C. A. Rich Consultants
Project: Via Verde, 700-730 Brook Avenue, Bronx, NY

Method: TO-15 Matrix: AIR

Samples and QC shown here apply to the above method

Lab Sample ID	Lab File ID	S1
JA11797-1	2W22126.D	93.0
JA11797-2	2W22128.D	93.0
JA11797-4	2W22129.D	92.0
JA11797-5	2W22130.D	93.0
JA11797-6	W20240.D	96.0
JA11797-7	W20241.D	96.0
JA11797-8	W20242.D	95.0
JA11797-9	W20243.D	95.0
JA11797-10	W20244.D	107.0
JA11797-10DUP	W20245.D	106.0
JA11797-1DUP	2W22127.D	93.0
V2W936-SCC	2W21812.D	85.0
V2W937-SCC	2W21824.D	80.0
V2W939-SCC	2W21858.D	79.0
V2W950-BS	2W22117.D	106.0
V2W950-BSD	2W22118.D	105.0
V2W950-MB	2W22120.D	86.0
V3W404-SCC	3W9687.D	90.0
V3W404-SCC	3W9695.D	91.0
V3W405-SCC	3W9722.D	94.0
V3W405-SCC	3W9727.D	90.0
VW849-SCC	W19943.D	89.0
VW850-SCC	W19955.D	85.0
VW862-BS	W20237.D	103.0
VW862-BSD	W20238.D	104.0
VW862-MB	W20239.D	89.0
V2W936-BS	2W21788.D	112.0
V2W936-BSD	2W21789.D	111.0
V2W936-MB	2W21791.D	90.0
V2W937-BS	2W21815.D	111.0
V2W937-BSD	2W21816.D	115.0
V2W937-MB	2W21817.D	82.0
V2W939-BS	2W21852.D	107.0
V2W939-BSD	2W21853.D	109.0
V2W939-MB	2W21854.D	81.0
V3W404-BS2	3W9684.D	106.0
V3W404-BSD2	3W9685.D	103.0
V3W404-MB2	3W9686.D	91.0
V3W405-BS	3W9706.D	103.0
V3W405-BSD	3W9708.D	102.0

Raw Data: 2W22117.D 2W22118.D

Blank Spike/Blank Spike Duplicate Summary

Job Number: JA11797
Account: CARICH C. A. Rich Consultants
Project: Via Verde, 700-730 Brook Avenue, Bronx, NY

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
V2W950-BS	2W22117.D	1	02/17/09	YMH	n/a	n/a	V2W950
V2W950-BSD	2W22118.D	1	02/17/09	YMH	n/a	n/a	V2W950

The QC reported here applies to the following samples: Method: TO-15

JA11797-1, JA11797-2, JA11797-4, JA11797-5

CAS No.	Compound	Spike ppbv	BSP ppbv	BSP %	BSD ppbv	BSD %	RPD	Limits Rec/RPD
67-64-1	Acetone	10	9.4	94	8.9	89	5	70-130/30
106-99-0	1,3-Butadiene	10	9.1	91	9.0	90	1	70-130/30
71-43-2	Benzene	10	10.3	103	10.1	101	2	70-130/30
75-27-4	Bromodichloromethane	10	11.3	113	10.9	109	4	70-130/30
75-25-2	Bromoform	10	11.0	110	10.5	105	5	70-130/30
74-83-9	Bromomethane	10	9.4	94	9.2	92	2	70-130/30
593-60-2	Bromoethene	10	10.5	105	10.2	102	3	70-130/30
100-44-7	Benzyl Chloride	10	10.5	105	10.0	100	5	70-130/30
75-15-0	Carbon disulfide	10	9.5	95	9.3	93	2	70-130/30
108-90-7	Chlorobenzene	10	10.1	101	9.8	98	3	70-130/30
75-00-3	Chloroethane	10	9.4	94	9.2	92	2	70-130/30
67-66-3	Chloroform	10	10.4	104	10.1	101	3	70-130/30
74-87-3	Chloromethane	10	8.8	88	8.7	87	1	70-130/30
107-05-1	3-Chloropropene	10	10.2	102	10.0	100	2	70-130/30
95-49-8	2-Chlorotoluene	10	11.1	111	10.7	107	4	70-130/30
56-23-5	Carbon tetrachloride	10	11.0	110	10.6	106	4	70-130/30
110-82-7	Cyclohexane	10	10.2	102	10.0	100	2	70-130/30
75-34-3	1,1-Dichloroethane	10	10.4	104	10.1	101	3	70-130/30
75-35-4	1,1-Dichloroethylene	10	9.5	95	9.3	93	2	70-130/30
106-93-4	1,2-Dibromoethane	10	10.2	102	9.8	98	4	70-130/30
107-06-2	1,2-Dichloroethane	10	11.5	115	11.0	110	4	70-130/30
78-87-5	1,2-Dichloropropane	10	10.6	106	10.3	103	3	70-130/30
123-91-1	1,4-Dioxane	10	9.8	98	8.9	89	10	70-130/30
75-71-8	Dichlorodifluoromethane	10	10.1	101	9.8	98	3	70-130/30
124-48-1	Dibromochloromethane	10	10.9	109	10.6	106	3	70-130/30
156-60-5	trans-1,2-Dichloroethylene	10	9.9	99	9.7	97	2	70-130/30
156-59-2	cis-1,2-Dichloroethylene	10	9.8	98	9.7	97	1	70-130/30
10061-01-5	cis-1,3-Dichloropropene	10	11.0	110	10.6	106	4	70-130/30
541-73-1	m-Dichlorobenzene	10	9.9	99	9.5	95	4	70-130/30
95-50-1	o-Dichlorobenzene	10	9.9	99	9.5	95	4	70-130/30
106-46-7	p-Dichlorobenzene	10	9.6	96	9.3	93	3	70-130/30
10061-02-6	trans-1,3-Dichloropropene	10	11.6	116	11.0	110	5	70-130/30
64-17-5	Ethanol	10	9.1	91	8.5	85	7	70-130/30
100-41-4	Ethylbenzene	10	10.2	102	9.8	98	4	70-130/30
141-78-6	Ethyl Acetate	10	10.5	105	10.0	100	5	70-130/30
622-96-8	4-Ethyltoluene	10	10.4	104	10	100	4	70-130/30

Blank Spike/Blank Spike Duplicate Summary

Job Number: JA11797
Account: CARICH C. A. Rich Consultants
Project: Via Verde, 700-730 Brook Avenue, Bronx, NY

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
V2W950-BS	2W22117.D	1	02/17/09	YMH	n/a	n/a	V2W950
V2W950-BSD	2W22118.D	1	02/17/09	YMH	n/a	n/a	V2W950

The QC reported here applies to the following samples: Method: TO-15

JA11797-1, JA11797-2, JA11797-4, JA11797-5

CAS No.	Compound	Spike ppbv	BSP ppbv	BSP %	BSD ppbv	BSD %	RPD	Limits Rec/RPD
76-13-1	Freon 113	10	10.0	100	9.7	97	3	70-130/30
76-14-2	Freon 114	10	9.4	94	9.2	92	2	70-130/30
142-82-5	Heptane	10	11.0	110	10.7	107	3	70-130/30
87-68-3	Hexachlorobutadiene	10	9.8	98	9.7	97	1	70-130/30
110-54-3	Hexane	10	10.5	105	10.3	103	2	70-130/30
591-78-6	2-Hexanone	10	9.5	95	9.1	91	4	70-130/30
67-63-0	Isopropyl Alcohol	10	9.9	99	9.6	96	3	70-130/30
75-09-2	Methylene chloride	10	8.9	89	8.7	87	2	70-130/30
78-93-3	Methyl ethyl ketone	10	9.9	99	9.4	94	5	70-130/30
108-10-1	Methyl Isobutyl Ketone	10	10.9	109	10.3	103	6	70-130/30
1634-04-4	Methyl Tert Butyl Ether	10	10.1	101	9.6	96	5	70-130/30
115-07-1	Propylene	10	9.3	93	9.1	91	2	70-130/30
100-42-5	Styrene	10	10.1	101	9.7	97	4	70-130/30
71-55-6	1,1,1-Trichloroethane	10	10.9	109	10.6	106	3	70-130/30
79-34-5	1,1,2,2-Tetrachloroethane	10	9.9	99	9.5	95	4	70-130/30
79-00-5	1,1,2-Trichloroethane	10	10.6	106	10.2	102	4	70-130/30
120-82-1	1,2,4-Trichlorobenzene	10	8.0	80	7.8	78	3	70-130/30
95-63-6	1,2,4-Trimethylbenzene	10	10.3	103	9.8	98	5	70-130/30
108-67-8	1,3,5-Trimethylbenzene	10	9.8	98	9.4	94	4	70-130/30
540-84-1	2,2,4-Trimethylpentane	10	10.8	108	10.5	105	3	70-130/30
75-65-0	Tertiary Butyl Alcohol	10	8.8	88	8.3	83	6	70-130/30
127-18-4	Tetrachloroethylene	10	9.8	98	9.7	97	1	70-130/30
109-99-9	Tetrahydrofuran	10	10.8	108	10.4	104	4	70-130/30
108-88-3	Toluene	10	10.5	105	10.1	101	4	70-130/30
79-01-6	Trichloroethylene	10	10.2	102	10	100	2	70-130/30
75-69-4	Trichlorofluoromethane	10	10.5	105	10.2	102	3	70-130/30
75-01-4	Vinyl chloride	10	9.2	92	9.2	92	0	70-130/30
108-05-4	Vinyl Acetate	10	10.2	102	9.8	98	4	70-130/30
	m,p-Xylene	20	19.8	99	19.0	95	4	70-130/30
95-47-6	o-Xylene	10	9.9	99	9.5	95	4	70-130/30
1330-20-7	Xylenes (total)	30	29.7	99	28.5	95	4	70-130/30

CAS No.	Surrogate Recoveries	BSP	BSD	Limits
460-00-4	4-Bromofluorobenzene	106%	105%	78-124%

Raw Data: W20237.D W20238.D

Blank Spike/Blank Spike Duplicate Summary

Job Number: JA11797
Account: CARICH C. A. Rich Consultants
Project: Via Verde, 700-730 Brook Avenue, Bronx, NY

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
VW862-BS	W20237.D	1	02/17/09	YMH	n/a	n/a	VW862
VW862-BSD	W20238.D	1	02/17/09	YMH	n/a	n/a	VW862

The QC reported here applies to the following samples: Method: TO-15

JA11797-6, JA11797-7, JA11797-8, JA11797-9, JA11797-10

CAS No.	Compound	Spike ppbv	BSP ppbv	BSP %	BSD ppbv	BSD %	RPD	Limits Rec/RPD
67-64-1	Acetone	10	10.7	107	9.7	97	10	70-130/30
106-99-0	1,3-Butadiene	10	10.4	104	9.6	96	8	70-130/30
71-43-2	Benzene	10	9.8	98	9.1	91	7	70-130/30
75-27-4	Bromodichloromethane	10	10.7	107	9.7	97	10	70-130/30
75-25-2	Bromoform	10	10.8	108	9.7	97	11	70-130/30
74-83-9	Bromomethane	10	10	100	9.2	92	8	70-130/30
593-60-2	Bromoethene	10	10.8	108	10	100	8	70-130/30
100-44-7	Benzyl Chloride	10	12.3	123	11.1	111	10	70-130/30
75-15-0	Carbon disulfide	10	10.2	102	9.5	95	7	70-130/30
108-90-7	Chlorobenzene	10	9.7	97	8.8	88	10	70-130/30
75-00-3	Chloroethane	10	10.1	101	9.2	92	9	70-130/30
67-66-3	Chloroform	10	10.2	102	9.6	96	6	70-130/30
74-87-3	Chloromethane	10	10.0	100	9.1	91	9	70-130/30
107-05-1	3-Chloropropene	10	10.6	106	9.8	98	8	70-130/30
95-49-8	2-Chlorotoluene	10	10.9	109	9.8	98	11	70-130/30
56-23-5	Carbon tetrachloride	10	10.2	102	9.6	96	6	70-130/30
110-82-7	Cyclohexane	10	9.8	98	9.1	91	7	70-130/30
75-34-3	1,1-Dichloroethane	10	10.2	102	9.4	94	8	70-130/30
75-35-4	1,1-Dichloroethylene	10	9.6	96	9.1	91	5	70-130/30
106-93-4	1,2-Dibromoethane	10	10.1	101	9.2	92	9	70-130/30
107-06-2	1,2-Dichloroethane	10	10.7	107	9.9	99	8	70-130/30
78-87-5	1,2-Dichloropropane	10	10	100	9.1	91	9	70-130/30
123-91-1	1,4-Dioxane	10	10.4	104	9.9	99	5	70-130/30
75-71-8	Dichlorodifluoromethane	10	10.2	102	9.4	94	8	70-130/30
124-48-1	Dibromochloromethane	10	10.5	105	9.6	96	9	70-130/30
156-60-5	trans-1,2-Dichloroethylene	10	9.6	96	8.7	87	10	70-130/30
156-59-2	cis-1,2-Dichloroethylene	10	9.4	94	9.0	90	4	70-130/30
10061-01-5	cis-1,3-Dichloropropene	10	10.3	103	9.4	94	9	70-130/30
541-73-1	m-Dichlorobenzene	10	10.9	109	9.8	98	11	70-130/30
95-50-1	o-Dichlorobenzene	10	10.8	108	9.7	97	11	70-130/30
106-46-7	p-Dichlorobenzene	10	10.7	107	9.6	96	11	70-130/30
10061-02-6	trans-1,3-Dichloropropene	10	10.7	107	9.7	97	10	70-130/30
64-17-5	Ethanol	10	10.1	101	9.1	91	10	70-130/30
100-41-4	Ethylbenzene	10	10.2	102	9.2	92	10	70-130/30
141-78-6	Ethyl Acetate	10	10.7	107	10.0	100	7	70-130/30
622-96-8	4-Ethyltoluene	10	11.0	110	9.9	99	11	70-130/30

Blank Spike/Blank Spike Duplicate Summary

Job Number: JA11797
Account: CARICH C. A. Rich Consultants
Project: Via Verde, 700-730 Brook Avenue, Bronx, NY

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
VW862-BS	W20237.D	1	02/17/09	YMH	n/a	n/a	VW862
VW862-BSD	W20238.D	1	02/17/09	YMH	n/a	n/a	VW862

The QC reported here applies to the following samples: Method: TO-15

JA11797-6, JA11797-7, JA11797-8, JA11797-9, JA11797-10

CAS No.	Compound	Spike ppbv	BSP ppbv	BSP %	BSD ppbv	BSD %	RPD	Limits Rec/RPD
76-13-1	Freon 113	10	9.9	99	9.3	93	6	70-130/30
76-14-2	Freon 114	10	10.1	101	9.3	93	8	70-130/30
142-82-5	Heptane	10	10.5	105	9.6	96	9	70-130/30
87-68-3	Hexachlorobutadiene	10	11.7	117	10.9	109	7	70-130/30
110-54-3	Hexane	10	10.4	104	9.8	98	6	70-130/30
591-78-6	2-Hexanone	10	11.0	110	10.1	101	9	70-130/30
67-63-0	Isopropyl Alcohol	10	11.3	113	10.3	103	9	70-130/30
75-09-2	Methylene chloride	10	9.5	95	8.8	88	8	70-130/30
78-93-3	Methyl ethyl ketone	10	10.5	105	9.8	98	7	70-130/30
108-10-1	Methyl Isobutyl Ketone	10	11.1	111	10.1	101	9	70-130/30
1634-04-4	Methyl Tert Butyl Ether	10	10.1	101	9.4	94	7	70-130/30
115-07-1	Propylene	10	10.1	101	9.3	93	8	70-130/30
100-42-5	Styrene	10	10.5	105	9.4	94	11	70-130/30
71-55-6	1,1,1-Trichloroethane	10	10.2	102	9.6	96	6	70-130/30
79-34-5	1,1,2,2-Tetrachloroethane	10	11.2	112	10	100	11	70-130/30
79-00-5	1,1,2-Trichloroethane	10	10.2	102	9.2	92	10	70-130/30
120-82-1	1,2,4-Trichlorobenzene	10	11.8	118	11.5	115	3	70-130/30
95-63-6	1,2,4-Trimethylbenzene	10	10.8	108	9.6	96	12	70-130/30
108-67-8	1,3,5-Trimethylbenzene	10	10.6	106	9.4	94	12	70-130/30
540-84-1	2,2,4-Trimethylpentane	10	11.2	112	10.3	103	8	70-130/30
75-65-0	Tertiary Butyl Alcohol	10	9.9	99	9.1	91	8	70-130/30
127-18-4	Tetrachloroethylene	10	9.6	96	8.8	88	9	70-130/30
109-99-9	Tetrahydrofuran	10	10.7	107	9.9	99	8	70-130/30
108-88-3	Toluene	10	10.1	101	9.1	91	10	70-130/30
79-01-6	Trichloroethylene	10	10.2	102	9.4	94	8	70-130/30
75-69-4	Trichlorofluoromethane	10	10.4	104	9.6	96	8	70-130/30
75-01-4	Vinyl chloride	10	10	100	9.2	92	8	70-130/30
108-05-4	Vinyl Acetate	10	10.6	106	9.9	99	7	70-130/30
	m,p-Xylene	20	20.5	103	18.5	93	10	70-130/30
95-47-6	o-Xylene	10	10.6	106	9.5	95	11	70-130/30
1330-20-7	Xylenes (total)	30	31.1	104	27.9	93	11	70-130/30

CAS No.	Surrogate Recoveries	BSP	BSD	Limits
460-00-4	4-Bromofluorobenzene	103%	104%	78-124%

Duplicate Summary

Job Number: JA11797
Account: CARICH C. A. Rich Consultants
Project: Via Verde, 700-730 Brook Avenue, Bronx, NY

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
JA11797-1DUP	2W22127.D	1	02/17/09	YMH	n/a	n/a	V2W950
JA11797-1	2W22126.D	1	02/17/09	YMH	n/a	n/a	V2W950

The QC reported here applies to the following samples: Method: TO-15

JA11797-1, JA11797-2, JA11797-4, JA11797-5

CAS No.	Compound	JA11797-1 ppbv	Q	DUP ppbv	Q	RPD	Limits
67-64-1	Acetone	1.7		2.1		21	24
106-99-0	1,3-Butadiene	ND		ND		nc	10
71-43-2	Benzene	ND		ND		nc	14
75-27-4	Bromodichloromethane	ND		ND		nc	10
75-25-2	Bromoform	ND		ND		nc	10
74-83-9	Bromomethane	ND		ND		nc	10
593-60-2	Bromoethene	ND		ND		nc	10
100-44-7	Benzyl Chloride	ND		ND		nc	10
75-15-0	Carbon disulfide	ND		ND		nc	11
108-90-7	Chlorobenzene	ND		ND		nc	10
75-00-3	Chloroethane	ND		ND		nc	10
67-66-3	Chloroform	ND		ND		nc	12
74-87-3	Chloromethane	ND		ND		nc	20
107-05-1	3-Chloropropene	ND		ND		nc	10
95-49-8	2-Chlorotoluene	ND		ND		nc	10
56-23-5	Carbon tetrachloride	ND		ND		nc	10
110-82-7	Cyclohexane	ND		ND		nc	30
75-34-3	1,1-Dichloroethane	ND		ND		nc	10
75-35-4	1,1-Dichloroethylene	ND		ND		nc	10
106-93-4	1,2-Dibromoethane	ND		ND		nc	10
107-06-2	1,2-Dichloroethane	ND		ND		nc	10
78-87-5	1,2-Dichloropropane	ND		ND		nc	10
123-91-1	1,4-Dioxane	ND		ND		nc	10
75-71-8	Dichlorodifluoromethane	ND		ND		nc	28
124-48-1	Dibromochloromethane	ND		ND		nc	10
156-60-5	trans-1,2-Dichloroethylene	ND		ND		nc	10
156-59-2	cis-1,2-Dichloroethylene	ND		ND		nc	10
10061-01-5	cis-1,3-Dichloropropene	ND		ND		nc	10
541-73-1	m-Dichlorobenzene	ND		ND		nc	10
95-50-1	o-Dichlorobenzene	ND		ND		nc	10
106-46-7	p-Dichlorobenzene	ND		ND		nc	10
10061-02-6	trans-1,3-Dichloropropene	ND		ND		nc	10
64-17-5	Ethanol	3.6		4.0		11	22
100-41-4	Ethylbenzene	ND		ND		nc	17
141-78-6	Ethyl Acetate	ND		ND		nc	10
622-96-8	4-Ethyltoluene	ND		ND		nc	14

Duplicate Summary

Job Number: JA11797
Account: CARICH C. A. Rich Consultants
Project: Via Verde, 700-730 Brook Avenue, Bronx, NY

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
JA11797-1DUP	2W22127.D	1	02/17/09	YMH	n/a	n/a	V2W950
JA11797-1	2W22126.D	1	02/17/09	YMH	n/a	n/a	V2W950

The QC reported here applies to the following samples: Method: TO-15

JA11797-1, JA11797-2, JA11797-4, JA11797-5

CAS No.	Compound	JA11797-1 ppbv	Q	DUP ppbv	Q	RPD	Limits
76-13-1	Freon 113	ND		ND		nc	15
76-14-2	Freon 114	ND		ND		nc	10
142-82-5	Heptane	ND		ND		nc	20
87-68-3	Hexachlorobutadiene	ND		ND		nc	10
110-54-3	Hexane	ND		ND		nc	16
591-78-6	2-Hexanone	ND		ND		nc	10
67-63-0	Isopropyl Alcohol	ND		ND		nc	14
75-09-2	Methylene chloride	ND		ND		nc	30
78-93-3	Methyl ethyl ketone	ND		ND		nc	21
108-10-1	Methyl Isobutyl Ketone	ND		ND		nc	10
1634-04-4	Methyl Tert Butyl Ether	ND		ND		nc	16
115-07-1	Propylene	ND		ND		nc	10
100-42-5	Styrene	ND		ND		nc	10
71-55-6	1,1,1-Trichloroethane	ND		ND		nc	10
79-34-5	1,1,2,2-Tetrachloroethane	ND		ND		nc	10
79-00-5	1,1,2-Trichloroethane	ND		ND		nc	10
120-82-1	1,2,4-Trichlorobenzene	ND		ND		nc	10
95-63-6	1,2,4-Trimethylbenzene	ND		ND		nc	15
108-67-8	1,3,5-Trimethylbenzene	ND		ND		nc	12
540-84-1	2,2,4-Trimethylpentane	1.5		1.7		13* [a]	10
75-65-0	Tertiary Butyl Alcohol	ND		ND		nc	28
127-18-4	Tetrachloroethylene	ND		ND		nc	12
109-99-9	Tetrahydrofuran	ND		ND		nc	14
108-88-3	Toluene	4.5		5.0		11	13
79-01-6	Trichloroethylene	ND		ND		nc	10
75-69-4	Trichlorofluoromethane	ND		ND		nc	21
75-01-4	Vinyl chloride	ND		ND		nc	10
108-05-4	Vinyl Acetate	ND		ND		nc	10
	m,p-Xylene	0.91		0.99		8	18
95-47-6	o-Xylene	ND		ND		nc	16
1330-20-7	Xylenes (total)	0.91		0.99		8	16

CAS No.	Surrogate Recoveries	DUP	JA11797-1	Limits
460-00-4	4-Bromofluorobenzene	93%	93%	78-124%

Raw Data: W20245.D

Duplicate Summary

Job Number: JA11797
Account: CARICH C. A. Rich Consultants
Project: Via Verde, 700-730 Brook Avenue, Bronx, NY

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
JA11797-10DUP	W20245.D	1	02/17/09	YMH	n/a	n/a	VW862
JA11797-10	W20244.D	1	02/17/09	YMH	n/a	n/a	VW862

The QC reported here applies to the following samples: Method: TO-15

JA11797-6, JA11797-7, JA11797-8, JA11797-9, JA11797-10

CAS No.	Compound	JA11797-10 ppbv	Q	DUP ppbv	Q	RPD	Limits
67-64-1	Acetone	151		152		1	24
106-99-0	1,3-Butadiene	ND		ND		nc	10
71-43-2	Benzene	3.5		3.3		6	14
75-27-4	Bromodichloromethane	ND		ND		nc	10
75-25-2	Bromoform	ND		ND		nc	10
74-83-9	Bromomethane	ND		ND		nc	10
593-60-2	Bromoethene	ND		ND		nc	10
100-44-7	Benzyl Chloride	ND		ND		nc	10
75-15-0	Carbon disulfide	13.7		13.4		2	11
108-90-7	Chlorobenzene	ND		ND		nc	10
75-00-3	Chloroethane	ND		ND		nc	10
67-66-3	Chloroform	ND		ND		nc	12
74-87-3	Chloromethane	ND		ND		nc	20
107-05-1	3-Chloropropene	ND		ND		nc	10
95-49-8	2-Chlorotoluene	ND		ND		nc	10
56-23-5	Carbon tetrachloride	ND		ND		nc	10
110-82-7	Cyclohexane	1.7		1.6		6	30
75-34-3	1,1-Dichloroethane	ND		ND		nc	10
75-35-4	1,1-Dichloroethylene	ND		ND		nc	10
106-93-4	1,2-Dibromoethane	ND		ND		nc	10
107-06-2	1,2-Dichloroethane	ND		ND		nc	10
78-87-5	1,2-Dichloropropane	ND		ND		nc	10
123-91-1	1,4-Dioxane	ND		ND		nc	10
75-71-8	Dichlorodifluoromethane	ND		ND		nc	28
124-48-1	Dibromochloromethane	ND		ND		nc	10
156-60-5	trans-1,2-Dichloroethylene	ND		ND		nc	10
156-59-2	cis-1,2-Dichloroethylene	ND		ND		nc	10
10061-01-5	cis-1,3-Dichloropropene	ND		ND		nc	10
541-73-1	m-Dichlorobenzene	ND		ND		nc	10
95-50-1	o-Dichlorobenzene	ND		ND		nc	10
106-46-7	p-Dichlorobenzene	ND		ND		nc	10
10061-02-6	trans-1,3-Dichloropropene	ND		ND		nc	10
64-17-5	Ethanol	6.2		5.1		19	22
100-41-4	Ethylbenzene	0.87		0.86		1	17
141-78-6	Ethyl Acetate	ND		ND		nc	10
622-96-8	4-Ethyltoluene	ND		ND		nc	14

Duplicate Summary

Job Number: JA11797
Account: CARICH C. A. Rich Consultants
Project: Via Verde, 700-730 Brook Avenue, Bronx, NY

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
JA11797-10DUP	W20245.D	1	02/17/09	YMH	n/a	n/a	VW862
JA11797-10	W20244.D	1	02/17/09	YMH	n/a	n/a	VW862

The QC reported here applies to the following samples: Method: TO-15

JA11797-6, JA11797-7, JA11797-8, JA11797-9, JA11797-10

CAS No.	Compound	JA11797-10 ppbv	Q	DUP ppbv	Q	RPD	Limits
76-13-1	Freon 113	ND		ND		nc	15
76-14-2	Freon 114	ND		ND		nc	10
142-82-5	Heptane	4.5		4.1		9	20
87-68-3	Hexachlorobutadiene	ND		ND		nc	10
110-54-3	Hexane	4.3		4.1		5	16
591-78-6	2-Hexanone	ND		ND		nc	10
67-63-0	Isopropyl Alcohol	ND		ND		nc	14
75-09-2	Methylene chloride	ND		ND		nc	30
78-93-3	Methyl ethyl ketone	10.9		10.8		1	21
108-10-1	Methyl Isobutyl Ketone	ND		ND		nc	10
1634-04-4	Methyl Tert Butyl Ether	ND		ND		nc	16
115-07-1	Propylene	ND		ND		nc	10
100-42-5	Styrene	ND		ND		nc	10
71-55-6	1,1,1-Trichloroethane	ND		ND		nc	10
79-34-5	1,1,2,2-Tetrachloroethane	ND		ND		nc	10
79-00-5	1,1,2-Trichloroethane	ND		ND		nc	10
120-82-1	1,2,4-Trichlorobenzene	ND		ND		nc	10
95-63-6	1,2,4-Trimethylbenzene	ND		ND		nc	15
108-67-8	1,3,5-Trimethylbenzene	ND		ND		nc	12
540-84-1	2,2,4-Trimethylpentane	ND		ND		nc	10
75-65-0	Tertiary Butyl Alcohol	0.78	J	0.74	J	5	28
127-18-4	Tetrachloroethylene	17.8		17.5		2	12
109-99-9	Tetrahydrofuran	ND		ND		nc	14
108-88-3	Toluene	13.5		13.0		4	13
79-01-6	Trichloroethylene	ND		ND		nc	10
75-69-4	Trichlorofluoromethane	ND		ND		nc	21
75-01-4	Vinyl chloride	ND		ND		nc	10
108-05-4	Vinyl Acetate	ND		ND		nc	10
	m,p-Xylene	2.3		2.2		4	18
95-47-6	o-Xylene	0.58	J	0.57	J	2	16
1330-20-7	Xylenes (total)	2.8		2.8		0	16

CAS No.	Surrogate Recoveries	DUP	JA11797-10	Limits
460-00-4	4-Bromofluorobenzene	106%	107%	78-124%

Raw Data: 2W22120.D

Method Blank Summary

Job Number: JA11797
Account: CARICH C. A. Rich Consultants
Project: Via Verde, 700-730 Brook Avenue, Bronx, NY

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
V2W950-MB	2W22120.D	1	02/17/09	YMH	n/a	n/a	V2W950

The QC reported here applies to the following samples: Method: TO-15

JA11797-1, JA11797-2, JA11797-4, JA11797-5

CAS No.	Compound	Result	RL	Units	Q	Result	RL	Units
67-64-1	Acetone	ND	0.20	ppbv		ND	0.48	ug/m3
106-99-0	1,3-Butadiene	ND	0.20	ppbv		ND	0.44	ug/m3
71-43-2	Benzene	ND	0.20	ppbv		ND	0.64	ug/m3
75-27-4	Bromodichloromethane	ND	0.20	ppbv		ND	1.3	ug/m3
75-25-2	Bromoform	ND	0.20	ppbv		ND	2.1	ug/m3
74-83-9	Bromomethane	ND	0.20	ppbv		ND	0.78	ug/m3
593-60-2	Bromoethene	ND	0.20	ppbv		ND	0.87	ug/m3
100-44-7	Benzyl Chloride	ND	0.20	ppbv		ND	1.0	ug/m3
75-15-0	Carbon disulfide	ND	0.20	ppbv		ND	0.62	ug/m3
108-90-7	Chlorobenzene	ND	0.20	ppbv		ND	0.92	ug/m3
75-00-3	Chloroethane	ND	0.20	ppbv		ND	0.53	ug/m3
67-66-3	Chloroform	ND	0.20	ppbv		ND	0.98	ug/m3
74-87-3	Chloromethane	ND	0.20	ppbv		ND	0.41	ug/m3
107-05-1	3-Chloropropene	ND	0.20	ppbv		ND	0.63	ug/m3
95-49-8	2-Chlorotoluene	ND	0.20	ppbv		ND	1.0	ug/m3
56-23-5	Carbon tetrachloride	ND	0.20	ppbv		ND	1.3	ug/m3
110-82-7	Cyclohexane	ND	0.20	ppbv		ND	0.69	ug/m3
75-34-3	1,1-Dichloroethane	ND	0.20	ppbv		ND	0.81	ug/m3
75-35-4	1,1-Dichloroethylene	ND	0.20	ppbv		ND	0.79	ug/m3
106-93-4	1,2-Dibromoethane	ND	0.20	ppbv		ND	1.5	ug/m3
107-06-2	1,2-Dichloroethane	ND	0.20	ppbv		ND	0.81	ug/m3
78-87-5	1,2-Dichloropropane	ND	0.20	ppbv		ND	0.92	ug/m3
123-91-1	1,4-Dioxane	ND	0.20	ppbv		ND	0.72	ug/m3
75-71-8	Dichlorodifluoromethane	ND	0.20	ppbv		ND	0.99	ug/m3
124-48-1	Dibromochloromethane	ND	0.20	ppbv		ND	1.7	ug/m3
156-60-5	trans-1,2-Dichloroethylene	ND	0.20	ppbv		ND	0.79	ug/m3
156-59-2	cis-1,2-Dichloroethylene	ND	0.20	ppbv		ND	0.79	ug/m3
10061-01-5	cis-1,3-Dichloropropene	ND	0.20	ppbv		ND	0.91	ug/m3
541-73-1	m-Dichlorobenzene	ND	0.20	ppbv		ND	1.2	ug/m3
95-50-1	o-Dichlorobenzene	ND	0.20	ppbv		ND	1.2	ug/m3
106-46-7	p-Dichlorobenzene	ND	0.20	ppbv		ND	1.2	ug/m3
10061-02-6	trans-1,3-Dichloropropene	ND	0.20	ppbv		ND	0.91	ug/m3
64-17-5	Ethanol	ND	0.50	ppbv		ND	0.94	ug/m3
100-41-4	Ethylbenzene	ND	0.20	ppbv		ND	0.87	ug/m3
141-78-6	Ethyl Acetate	ND	0.20	ppbv		ND	0.72	ug/m3
622-96-8	4-Ethyltoluene	ND	0.20	ppbv		ND	0.98	ug/m3

Method Blank Summary

Job Number: JA11797
Account: CARICH C. A. Rich Consultants
Project: Via Verde, 700-730 Brook Avenue, Bronx, NY

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
V2W950-MB	2W22120.D	1	02/17/09	YMH	n/a	n/a	V2W950

The QC reported here applies to the following samples: Method: TO-15

JA11797-1, JA11797-2, JA11797-4, JA11797-5

CAS No.	Compound	Result	RL	Units	Q	Result	RL	Units
76-13-1	Freon 113	ND	0.20	ppbv		ND	1.5	ug/m3
76-14-2	Freon 114	ND	0.20	ppbv		ND	1.4	ug/m3
142-82-5	Heptane	ND	0.20	ppbv		ND	0.82	ug/m3
87-68-3	Hexachlorobutadiene	ND	0.20	ppbv		ND	2.1	ug/m3
110-54-3	Hexane	ND	0.20	ppbv		ND	0.70	ug/m3
591-78-6	2-Hexanone	ND	0.20	ppbv		ND	0.82	ug/m3
67-63-0	Isopropyl Alcohol	ND	0.20	ppbv		ND	0.49	ug/m3
75-09-2	Methylene chloride	ND	0.20	ppbv		ND	0.69	ug/m3
78-93-3	Methyl ethyl ketone	ND	0.20	ppbv		ND	0.59	ug/m3
108-10-1	Methyl Isobutyl Ketone	ND	0.20	ppbv		ND	0.82	ug/m3
1634-04-4	Methyl Tert Butyl Ether	ND	0.20	ppbv		ND	0.72	ug/m3
115-07-1	Propylene	ND	0.50	ppbv		ND	0.86	ug/m3
100-42-5	Styrene	ND	0.20	ppbv		ND	0.85	ug/m3
71-55-6	1,1,1-Trichloroethane	ND	0.20	ppbv		ND	1.1	ug/m3
79-34-5	1,1,2,2-Tetrachloroethane	ND	0.20	ppbv		ND	1.4	ug/m3
79-00-5	1,1,2-Trichloroethane	ND	0.20	ppbv		ND	1.1	ug/m3
120-82-1	1,2,4-Trichlorobenzene	ND	0.20	ppbv		ND	1.5	ug/m3
95-63-6	1,2,4-Trimethylbenzene	ND	0.20	ppbv		ND	0.98	ug/m3
108-67-8	1,3,5-Trimethylbenzene	ND	0.20	ppbv		ND	0.98	ug/m3
540-84-1	2,2,4-Trimethylpentane	ND	0.20	ppbv		ND	0.93	ug/m3
75-65-0	Tertiary Butyl Alcohol	ND	0.20	ppbv		ND	0.61	ug/m3
127-18-4	Tetrachloroethylene	ND	0.20	ppbv		ND	1.4	ug/m3
109-99-9	Tetrahydrofuran	ND	0.20	ppbv		ND	0.59	ug/m3
108-88-3	Toluene	ND	0.20	ppbv		ND	0.75	ug/m3
79-01-6	Trichloroethylene	ND	0.20	ppbv		ND	1.1	ug/m3
75-69-4	Trichlorofluoromethane	ND	0.20	ppbv		ND	1.1	ug/m3
75-01-4	Vinyl chloride	ND	0.20	ppbv		ND	0.51	ug/m3
108-05-4	Vinyl Acetate	ND	0.20	ppbv		ND	0.70	ug/m3
	m,p-Xylene	ND	0.20	ppbv		ND	0.87	ug/m3
95-47-6	o-Xylene	ND	0.20	ppbv		ND	0.87	ug/m3
1330-20-7	Xylenes (total)	ND	0.20	ppbv		ND	0.87	ug/m3

CAS No.	Surrogate Recoveries		Limits
460-00-4	4-Bromofluorobenzene	86%	78-124%

Method Blank Summary

Job Number: JA11797
Account: CARICH C. A. Rich Consultants
Project: Via Verde, 700-730 Brook Avenue, Bronx, NY

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
V2W950-MB	2W22120.D	1	02/17/09	YMH	n/a	n/a	V2W950

The QC reported here applies to the following samples: Method:

JA11797-1, JA11797-2, JA11797-4, JA11797-5

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

Raw Data: W20239.D

Method Blank Summary

Job Number: JA11797
Account: CARICH C. A. Rich Consultants
Project: Via Verde, 700-730 Brook Avenue, Bronx, NY

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
VW862-MB	W20239.D	1	02/17/09	YMH	n/a	n/a	VW862

The QC reported here applies to the following samples: Method: TO-15

JA11797-6, JA11797-7, JA11797-8, JA11797-9, JA11797-10

CAS No.	Compound	Result	RL	Units	Q	Result	RL	Units
67-64-1	Acetone	ND	0.20	ppbv		ND	0.48	ug/m3
106-99-0	1,3-Butadiene	ND	0.20	ppbv		ND	0.44	ug/m3
71-43-2	Benzene	ND	0.20	ppbv		ND	0.64	ug/m3
75-27-4	Bromodichloromethane	ND	0.20	ppbv		ND	1.3	ug/m3
75-25-2	Bromoform	ND	0.20	ppbv		ND	2.1	ug/m3
74-83-9	Bromomethane	ND	0.20	ppbv		ND	0.78	ug/m3
593-60-2	Bromoethene	ND	0.20	ppbv		ND	0.87	ug/m3
100-44-7	Benzyl Chloride	ND	0.20	ppbv		ND	1.0	ug/m3
75-15-0	Carbon disulfide	ND	0.20	ppbv		ND	0.62	ug/m3
108-90-7	Chlorobenzene	ND	0.20	ppbv		ND	0.92	ug/m3
75-00-3	Chloroethane	ND	0.20	ppbv		ND	0.53	ug/m3
67-66-3	Chloroform	ND	0.20	ppbv		ND	0.98	ug/m3
74-87-3	Chloromethane	ND	0.20	ppbv		ND	0.41	ug/m3
107-05-1	3-Chloropropene	ND	0.20	ppbv		ND	0.63	ug/m3
95-49-8	2-Chlorotoluene	ND	0.20	ppbv		ND	1.0	ug/m3
56-23-5	Carbon tetrachloride	ND	0.20	ppbv		ND	1.3	ug/m3
110-82-7	Cyclohexane	ND	0.20	ppbv		ND	0.69	ug/m3
75-34-3	1,1-Dichloroethane	ND	0.20	ppbv		ND	0.81	ug/m3
75-35-4	1,1-Dichloroethylene	ND	0.20	ppbv		ND	0.79	ug/m3
106-93-4	1,2-Dibromoethane	ND	0.20	ppbv		ND	1.5	ug/m3
107-06-2	1,2-Dichloroethane	ND	0.20	ppbv		ND	0.81	ug/m3
78-87-5	1,2-Dichloropropane	ND	0.20	ppbv		ND	0.92	ug/m3
123-91-1	1,4-Dioxane	ND	0.20	ppbv		ND	0.72	ug/m3
75-71-8	Dichlorodifluoromethane	ND	0.20	ppbv		ND	0.99	ug/m3
124-48-1	Dibromochloromethane	ND	0.20	ppbv		ND	1.7	ug/m3
156-60-5	trans-1,2-Dichloroethylene	ND	0.20	ppbv		ND	0.79	ug/m3
156-59-2	cis-1,2-Dichloroethylene	ND	0.20	ppbv		ND	0.79	ug/m3
10061-01-5	cis-1,3-Dichloropropene	ND	0.20	ppbv		ND	0.91	ug/m3
541-73-1	m-Dichlorobenzene	ND	0.20	ppbv		ND	1.2	ug/m3
95-50-1	o-Dichlorobenzene	ND	0.20	ppbv		ND	1.2	ug/m3
106-46-7	p-Dichlorobenzene	ND	0.20	ppbv		ND	1.2	ug/m3
10061-02-6	trans-1,3-Dichloropropene	ND	0.20	ppbv		ND	0.91	ug/m3
64-17-5	Ethanol	ND	0.50	ppbv		ND	0.94	ug/m3
100-41-4	Ethylbenzene	ND	0.20	ppbv		ND	0.87	ug/m3
141-78-6	Ethyl Acetate	ND	0.20	ppbv		ND	0.72	ug/m3
622-96-8	4-Ethyltoluene	ND	0.20	ppbv		ND	0.98	ug/m3

Method Blank Summary

Job Number: JA11797
Account: CARICH C. A. Rich Consultants
Project: Via Verde, 700-730 Brook Avenue, Bronx, NY

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
VW862-MB	W20239.D	1	02/17/09	YMH	n/a	n/a	VW862

The QC reported here applies to the following samples: Method: TO-15

JA11797-6, JA11797-7, JA11797-8, JA11797-9, JA11797-10

CAS No.	Compound	Result	RL	Units	Q	Result	RL	Units
76-13-1	Freon 113	ND	0.20	ppbv		ND	1.5	ug/m3
76-14-2	Freon 114	ND	0.20	ppbv		ND	1.4	ug/m3
142-82-5	Heptane	ND	0.20	ppbv		ND	0.82	ug/m3
87-68-3	Hexachlorobutadiene	ND	0.20	ppbv		ND	2.1	ug/m3
110-54-3	Hexane	ND	0.20	ppbv		ND	0.70	ug/m3
591-78-6	2-Hexanone	ND	0.20	ppbv		ND	0.82	ug/m3
67-63-0	Isopropyl Alcohol	ND	0.20	ppbv		ND	0.49	ug/m3
75-09-2	Methylene chloride	ND	0.20	ppbv		ND	0.69	ug/m3
78-93-3	Methyl ethyl ketone	ND	0.20	ppbv		ND	0.59	ug/m3
108-10-1	Methyl Isobutyl Ketone	ND	0.20	ppbv		ND	0.82	ug/m3
1634-04-4	Methyl Tert Butyl Ether	ND	0.20	ppbv		ND	0.72	ug/m3
115-07-1	Propylene	ND	0.50	ppbv		ND	0.86	ug/m3
100-42-5	Styrene	ND	0.20	ppbv		ND	0.85	ug/m3
71-55-6	1,1,1-Trichloroethane	ND	0.20	ppbv		ND	1.1	ug/m3
79-34-5	1,1,2,2-Tetrachloroethane	ND	0.20	ppbv		ND	1.4	ug/m3
79-00-5	1,1,2-Trichloroethane	ND	0.20	ppbv		ND	1.1	ug/m3
120-82-1	1,2,4-Trichlorobenzene	ND	0.20	ppbv		ND	1.5	ug/m3
95-63-6	1,2,4-Trimethylbenzene	ND	0.20	ppbv		ND	0.98	ug/m3
108-67-8	1,3,5-Trimethylbenzene	ND	0.20	ppbv		ND	0.98	ug/m3
540-84-1	2,2,4-Trimethylpentane	ND	0.20	ppbv		ND	0.93	ug/m3
75-65-0	Tertiary Butyl Alcohol	ND	0.20	ppbv		ND	0.61	ug/m3
127-18-4	Tetrachloroethylene	ND	0.20	ppbv		ND	1.4	ug/m3
109-99-9	Tetrahydrofuran	ND	0.20	ppbv		ND	0.59	ug/m3
108-88-3	Toluene	ND	0.20	ppbv		ND	0.75	ug/m3
79-01-6	Trichloroethylene	ND	0.20	ppbv		ND	1.1	ug/m3
75-69-4	Trichlorofluoromethane	ND	0.20	ppbv		ND	1.1	ug/m3
75-01-4	Vinyl chloride	ND	0.20	ppbv		ND	0.51	ug/m3
108-05-4	Vinyl Acetate	ND	0.20	ppbv		ND	0.70	ug/m3
	m,p-Xylene	ND	0.20	ppbv		ND	0.87	ug/m3
95-47-6	o-Xylene	ND	0.20	ppbv		ND	0.87	ug/m3
1330-20-7	Xylenes (total)	ND	0.20	ppbv		ND	0.87	ug/m3

CAS No.	Surrogate Recoveries		Limits
460-00-4	4-Bromofluorobenzene	89%	78-124%

Method Blank Summary

Job Number: JA11797
Account: CARICH C. A. Rich Consultants
Project: Via Verde, 700-730 Brook Avenue, Bronx, NY

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
VW862-MB	W20239.D	1	02/17/09	YMH	n/a	n/a	VW862

The QC reported here applies to the following samples: Method:

JA11797-6, JA11797-7, JA11797-8, JA11797-9, JA11797-10

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

Instrument Performance Check (BFB)

Job Number: JA11797
Account: CARICH C. A. Rich Consultants
Project: Via Verde, 700-730 Brook Avenue, Bronx, NY

Sample:	V2W943-BFB	Injection Date:	02/06/09
Lab File ID:	2W21935.D	Injection Time:	10:58
Instrument ID:	GCMS2W		

m/e	Ion Abundance Criteria	Raw Abundance	% Relative Abundance		Pass/Fail
50	8.0 - 40.0% of mass 95	11611	16.6		Pass
75	30.0 - 66.0% of mass 95	33802	48.4		Pass
95	Base peak, 100% relative abundance	69888	100.0		Pass
96	5.0 - 9.0% of mass 95	4834	6.9		Pass
173	Less than 2.0% of mass 174	0	0.0	(0.0) [a]	Pass
174	50.0 - 120.0% of mass 95	65589	93.8		Pass
175	4.0 - 9.01% of mass 174	5563	8.0	(8.5) [a]	Pass
176	93.0 - 101.0% of mass 174	63808	91.3	(97.3) [a]	Pass
177	5.0 - 9.0% of mass 176	4356	6.2	(6.8) [b]	Pass

(a) Value is % of mass 174
(b) Value is % of mass 176

This check applies to the following Samples, MS, MSD, Blanks, and Standards:

Lab Sample ID	Lab File ID	Date Analyzed	Time Analyzed	Hours Lapsed	Client Sample ID
V2W943-ICC943	2W21936.D	02/06/09	11:40	00:42	Initial cal 10
V2W943-IC943	2W21937.D	02/06/09	12:23	01:25	Initial cal 1.0
V2W943-IC943	2W21939.D	02/06/09	13:47	02:49	Initial cal 0.2
V2W943-IC943	2W21940.D	02/06/09	14:29	03:31	Initial cal 20
V2W943-IC943	2W21941.D	02/06/09	15:12	04:14	Initial cal 5.0
V2W943-IC943	2W21942.D	02/06/09	15:54	04:56	Initial cal 0.4
V2W943-IC943	2W21943.D	02/06/09	16:37	05:39	Initial cal 10
V2W943-IC943	2W21944.D	02/06/09	17:19	06:21	Initial cal 40
V2W943-IC943	2W21945.D	02/06/09	18:02	07:04	Initial cal 0.2
V2W943-ICV943	2W21946.D	02/06/09	18:44	07:46	Initial cal verification 10
V2W943-SCC	2W21948.D	02/06/09	20:08	09:10	Summa Cleaning Certification

Instrument Performance Check (BFB)

Job Number: JA11797
Account: CARICH C. A. Rich Consultants
Project: Via Verde, 700-730 Brook Avenue, Bronx, NY

Sample:	V2W950-BFB	Injection Date:	02/17/09
Lab File ID:	2W22115.D	Injection Time:	05:51
Instrument ID:	GCMS2W		

m/e	Ion Abundance Criteria	Raw Abundance	% Relative Abundance		Pass/Fail
50	8.0 - 40.0% of mass 95	8341	19.6		Pass
75	30.0 - 66.0% of mass 95	22520	53.0		Pass
95	Base peak, 100% relative abundance	42522	100.0		Pass
96	5.0 - 9.0% of mass 95	3149	7.4		Pass
173	Less than 2.0% of mass 174	0	0.0	(0.0) [a]	Pass
174	50.0 - 120.0% of mass 95	37813	88.9		Pass
175	4.0 - 9.01% of mass 174	3051	7.2	(8.1) [a]	Pass
176	93.0 - 101.0% of mass 174	37133	87.3	(98.2) [a]	Pass
177	5.0 - 9.0% of mass 176	2563	6.0	(6.9) [b]	Pass

(a) Value is % of mass 174
(b) Value is % of mass 176

This check applies to the following Samples, MS, MSD, Blanks, and Standards:

Lab Sample ID	Lab File ID	Date Analyzed	Time Analyzed	Hours Lapsed	Client Sample ID
V2W950-CC943	2W22116.D	02/17/09	06:34	00:43	Continuing cal 10
V2W950-BS	2W22117.D	02/17/09	07:16	01:25	Blank Spike
V2W950-BSD	2W22118.D	02/17/09	07:58	02:07	Blank Spike Duplicate
V2W950-MB	2W22120.D	02/17/09	10:04	04:13	Method Blank
ZZZZZZ	2W22121.D	02/17/09	10:54	05:03	(unrelated sample)
ZZZZZZ	2W22122.D	02/17/09	11:37	05:46	(unrelated sample)
ZZZZZZ	2W22123.D	02/17/09	12:19	06:28	(unrelated sample)
ZZZZZZ	2W22124.D	02/17/09	13:01	07:10	(unrelated sample)
V2W950-SCC	2W22125.D	02/17/09	13:44	07:53	Summa Cleaning Certification
JA11797-1	2W22126.D	02/17/09	14:26	08:35	SVP-1
JA11797-1DUP	2W22127.D	02/17/09	15:08	09:17	Duplicate
JA11797-2	2W22128.D	02/17/09	15:51	10:00	SVP-2
JA11797-4	2W22129.D	02/17/09	16:33	10:42	SVP-4
JA11797-5	2W22130.D	02/17/09	17:15	11:24	SVP-5
ZZZZZZ	2W22131.D	02/17/09	17:58	12:07	(unrelated sample)

Raw Data: 2W21936.D 2W21937.D 2W21939.D 2W21940.D 2W21941.D 2W21942.D 2W21943.D 2W21944.D 2W21945.D

Initial Calibration Summary

Job Number: JA11797
Account: CARICH C. A. Rich Consultants
Project: Via Verde, 700-730 Brook Avenue, Bronx, NY

Sample: V2W943-ICC943
Lab FileID: 2W21936.D

Response Factor Report MS2W

Method : C:\MSDCHEM\1\METHODS\M2W943.M (RTE Integrator)
Title : TO15 by GCMS w/RTX1 60 m X .32 mm ID 1.0 um
Last Update : Mon Feb 09 08:53:58 2009
Response via : Initial Calibration

Calibration Files
1.0 =2W21937.D 0.2 =2W21939.D 0.4 =2W21942.D 5.0 =2W21941.D
10. =2W21936.D 20. =2W21940.D 40. =2W21944.D 99 =2W21943.D
= =

Compound	1.0	0.2	0.4	5.0	10.	20.	40.	99	Avg	%RSD
1) I BROMOCHLOROMETHANE	ISTD									
2) FREON 115									0.000	-1.00
3) DICHLORODIFLUOROMETHANE	4.472	4.582	5.191	4.680	4.097	3.913	3.723		4.380	11.52
4) FREON 152A	1.077	1.086	1.162	1.118	1.063	1.006	0.972		1.069	6.02
5) CHLORODIFLUOROMETHANE	0.504	0.542	0.619	0.500	0.442	0.438	0.444		0.498	13.25
6) PROPYLENE	1.145	1.225	1.168	1.081	0.979	0.865	0.787		1.036	15.86
7) FREON 114	4.689	4.695	5.327	4.681	4.180	3.832	3.474		4.411	14.14
8) CHLOROMETHANE	0.440	0.463	0.523	0.452	0.429	0.407	0.399		0.445	9.28
9) VINYL CHLORIDE	1.619	1.534	1.787	1.661	1.566	1.480	1.413		1.580	7.81
10) 1,3-BUTADIENE	1.122	1.123	1.250	1.146	1.089	0.992	0.936		1.094	9.45
11) n-BUTANE	2.235	2.604	2.440	2.105	1.920	1.736	1.596		2.091	17.52
12) BROMOMETHANE	1.616	1.593	1.794	1.712	1.605	1.516	1.465		1.614	6.90
13) CHLOROETHANE	0.857	0.822	0.899	0.879	0.860	0.808	0.782		0.844	4.90
14) FREON 123	2.340	2.431	2.558	2.322	2.232	2.022	1.855		2.251	10.71
15) TRICHLOROFLUOROMETHANE	4.089	4.112	4.633	4.275	3.819	3.664	3.508		4.014	9.56
16) ISOPROPYL ALCOHOL	1.840	1.911	1.952	1.983	1.903	1.828	1.807		1.889	3.50
17) ACETONE	0.641	0.616	0.670	0.583	0.584	0.551	0.522		0.595	8.60
18) PENTANE	1.379	1.476	1.565	1.338	1.239	1.075	0.932		1.286	17.30
19) TVHC as EQUIV PENTANE	7.201	8.350	8.495	9.081	8.671	7.866	7.036		8.100	9.43
20) ETHYL ETHER	0.667	0.670	0.711	0.675	0.677	0.625	0.563		0.655	7.32
21) 1,1-DICHLOROETHYLENE	1.676	1.705	1.866	1.723	1.594	1.463	1.393		1.631	9.92
22) CARBON DISULFIDE	4.546	4.381	4.954	4.472	4.150	3.725	3.402		4.233	12.40
23) ETHANOL										

5.9

Initial Calibration Summary

Job Number: JA11797
Account: CARICH C. A. Rich Consultants
Project: Via Verde, 700-730 Brook Avenue, Bronx, NY

Sample: V2W943-ICC943
Lab FileID: 2W21936.D

	0.538 0.523 0.568 0.475 0.482 0.460 0.455	0.500	8.60
24)	BROMOETHENE 1.561 1.487 1.669 1.659 1.560 1.465 1.408	1.544	6.32
25)	METHYLENE CHLORIDE 1.498 1.855 1.732 1.426 1.349 1.230 1.166	1.465	17.26
26)	3-CHLOROPROPENE 0.604 0.628 0.651 0.627 0.621 0.572 0.549	0.608	5.84
27)	FREON 113 2.653 2.648 2.936 2.742 2.507 2.345 2.252	2.583	9.09
28)	TRANS-1,2-DICHLOROETHYLENE 1.634 1.658 1.755 1.683 1.577 1.427 1.358	1.585	9.03
29)	TERTIARY BUTYL ALCOHOL 2.030 2.099 2.185 2.205 2.022 1.925 1.803	2.038	6.97
30)	METHYL TERTIARY BUTYL ETHER 4.032 4.283 4.379 3.988 3.762 3.447 3.251	3.878	10.75
31)	TETRAHYDROFURAN 1.253 1.198 1.237 1.255 1.273 1.134 1.077	1.204	6.05
32)	HEXANE 1.970 1.930 2.038 2.050 1.988 1.754 1.618	1.907	8.45
33)	VINYL ACETATE 0.314 0.283 0.304 0.326 0.338 0.315 0.304	0.312	5.55
34)	1,1-DICHLOROETHANE 2.819 2.781 2.974 2.804 2.711 2.409 2.210	2.672	9.97
35)	METHYL ETHYL KETONE 0.666 0.654 0.674 0.679 0.689 0.637 0.626	0.661	3.46
36)	cis-1,2-DICHLOROETHYLENE 1.770 1.825 1.879 1.790 1.756 1.598 1.503	1.731	7.68
37)	ETHYL ACETATE 0.334 0.284 0.319 0.337 0.327 0.294 0.279	0.310	7.86
38)	CHLOROFORM 3.216 3.229 3.460 3.276 3.119 2.897 2.758	3.137	7.59
39)	2,4-DIMETHYLPENTANE 2.595 2.553 2.599 2.494 2.367 2.013 1.756	2.340	14.06
40)	1,1,1-TRICHLOROETHANE 3.383 3.372 3.724 3.480 3.272 3.088 2.966	3.326	7.54
41)	CARBON TETRACHLORIDE 3.436 3.443 3.771 3.634 3.262 3.104 2.965	3.374	8.44
42)	1,2-DICHLOROETHANE 2.047 1.967 2.204 2.114 2.014 1.939 1.895	2.026	5.26
43)	I 1,4-DIFLUOROBENZENE ----------ISTD----------		
44)	BENZENE 1.005 0.979 1.042 0.989 0.940 0.826 0.727	0.930	12.11
45)	CYCLOHEXANE 0.439 0.456 0.462 0.436 0.394 0.348 0.315	0.407	13.94
46)	2,3-DIMETHYLPENTANE 0.203 0.187 0.214 0.212 0.201 0.176 0.159	0.193	10.52
47)	TRICHLOROETHYLENE 0.426 0.441 0.472 0.415 0.377 0.333 0.303	0.395	15.29
48)	1,2-DICHLOROPROPANE 0.326 0.331 0.339 0.316 0.309 0.269 0.237	0.304	12.27
49)	BROMODICHLOROMETHANE 0.686 0.680 0.735 0.702 0.646 0.578 0.520	0.650	11.63
50)	2,2,4-TRIMETHYLPENTANE 1.214 1.263 1.306 1.150 1.034 0.834 0.672	1.067	22.14
51)	1,4-DIOXANE 0.183 0.198 0.191 0.172 0.156 0.145 0.137	0.169	13.73
52)	METHYL METHACRYLATE 0.293 0.296 0.290 0.295 0.293 0.260 0.243	0.281	7.50
53)	HEPTANE		

5.9

Initial Calibration Summary

Job Number: JA11797
Account: CARICH C. A. Rich Consultants
Project: Via Verde, 700-730 Brook Avenue, Bronx, NY

Sample: V2W943-ICC943
Lab FileID: 2W21936.D

		0.459	0.503	0.486	0.428	0.401	0.339	0.288	0.415	18.90
54)	TVHC as EQUIV HEPTANE									
		2.305	2.570	2.376	2.133	1.936	1.739	1.655	2.102	16.20
55)	METHYL ISOBUTYL KETONE									
		0.562	0.596	0.564	0.525	0.489	0.433	0.415	0.512	13.43
56)	cis-1,3-DICHLOROPROPENE									
		0.503	0.499	0.534	0.516	0.497	0.455	0.420	0.489	7.97
57)	TOLUENE									
		0.686	0.673	0.726	0.685	0.666	0.598	0.547	0.655	9.29
58)	trans-1,3-DICHLOROPROPENE									
		0.475	0.471	0.503	0.524	0.501	0.469	0.450	0.485	5.25
59)	1,1,2-TRICHLOROETHANE									
		0.314	0.302	0.336	0.316	0.307	0.275	0.252	0.300	9.33
60)	I CHLOROBENZENE-D5	ISTD								
61)	2-HEXANONE									
		0.637	0.913	0.758	0.548	0.505	0.449	0.434	0.606	29.05
62)	TETRACHLOROETHYLENE									
		0.562	0.564	0.616	0.537	0.486	0.434	0.399	0.514	15.11
63)	DIBROMOCHLOROMETHANE									
		0.781	0.760	0.810	0.782	0.726	0.666	0.624	0.736	9.26
64)	1,2-DIBROMOETHANE									
		0.680	0.677	0.745	0.664	0.627	0.566	0.526	0.641	11.58
65)	OCTANE									
		0.672	0.648	0.682	0.614	0.566	0.467	0.396	0.578	18.89
66)	CHLOROBENZENE									
		0.946	0.968	1.007	0.902	0.856	0.766	0.700	0.878	12.70
67)	ETHYLBENZENE									
		1.633	1.692	1.771	1.542	1.441	1.247	1.086	1.487	16.65
68)	m,p-XYLENE									
		0.637	0.657	0.687	0.596	0.558	0.491	0.441	0.581	15.48
69)	o-XYLENE									
		0.615	0.617	0.671	0.571	0.540	0.477	0.437	0.561	14.77
70)	STYRENE									
		0.893	0.922	0.935	0.897	0.883	0.821	0.747	0.871	7.55
71)	NONANE									
		0.574	0.564	0.584	0.544	0.521	0.437	0.377	0.514	15.21
72)	BROMOFORM									
		0.688	0.664	0.712	0.715	0.675	0.631	0.601	0.670	6.25
73)	4-BROMOFLUOROBENZENE									
		0.569	0.578	0.593	0.627	0.651	0.664	0.670	0.621	6.74
74)	1,1,2,2-TETRACHLOROETHANE									
		0.733	0.783	0.776	0.694	0.645	0.549	0.482	0.666	17.25
75)	ISOPROPYLBENZENE									
		1.577	1.633	1.709	1.531	1.406	1.228	1.066	1.450	15.97
76)	2-CHLOROTOLUENE									
		1.083	1.142	1.193	1.070	1.001	0.888	0.790	1.024	13.94
77)	4-ETHYLTOLUENE									
		1.402	1.481	1.512	1.434	1.334	1.173	0.996	1.333	13.98
78)	1,3,5-TRIMETHYLBENZENE									
		1.321	1.426	1.452	1.267	1.145	1.004	0.877	1.213	17.74
79)	1,2,4-TRIMETHYLBENZENE									
		1.187	1.264	1.276	1.215	1.107	0.983	0.871	1.129	13.46
80)	m-DICHLOROBENZENE									
		0.717	0.850	0.794	0.751	0.704	0.653	0.612	0.726	11.18
81)	BENZYL CHLORIDE									
		0.643	0.872	0.767	0.770	0.727	0.687	0.656	0.732	10.89
82)	p-DICHLOROBENZENE									
		0.672	0.857	0.788	0.707	0.673	0.621	0.577	0.699	13.73
83)	o-DICHLOROBENZENE									

5.6

5

Initial Calibration Summary

Job Number: JA11797
Account: CARICH C. A. Rich Consultants
Project: Via Verde, 700-730 Brook Avenue, Bronx, NY

Sample: V2W943-ICC943
Lab FileID: 2W21936.D

	0.636	0.761	0.714	0.695	0.645	0.597	0.557		0.658	10.70
84) HEXACHLOROBUTADIENE										
	0.282	0.342	0.323	0.305	0.264	0.235	0.234		0.284	14.85
85) 1,2,4-TRICHLOROBENZENE										
	0.202	0.306	0.261	0.249	0.186	0.204	0.251		0.237	17.76
86) NAPHTHALENE										
								0.408	0.408	0.00

(#) = Out of Range ### Number of calibration levels exceeded format ###

M2W943.M Mon Feb 09 09:58:22 2009 MS2W

5.9

Initial Calibration Verification

Job Number: JA11797
Account: CARICH C. A. Rich Consultants
Project: Via Verde, 700-730 Brook Avenue, Bronx, NY

Sample: V2W943-ICV943
Lab FileID: 2W21946.D

Evaluate Continuing Calibration Report

Data File : C:\MSDCHEM\1\DATA\2W21946.D
Acq On : 6 Feb 2009 6:44 pm
Sample : ICV943-10
Misc : MS49009,V2W943,,,,,1
MS Integration Params: rteint.p

Vial: 3
Operator: YOUMINH
Inst : MS2W
Multiplr: 1.00

Method : C:\MSDCHEM\1\METHODS\M2W943.M (RTE Integrator)
Title : TO15 by GCMS w/RTX1 60 m X .32 mm ID 1.0 um
Last Update : Mon Feb 09 08:53:58 2009
Response via : Multiple Level Calibration

Min. RRF : 0.000 Min. Rel. Area : 25% Max. R.T. Dev 0.30min
Max. RRF Dev : 30% Max. Rel. Area : 200%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)	R.T.
1	I	BROMOCHLOROMETHANE	1.000	1.000	0.0	92	0.00	8.31
2		FREON 115		----------NA----------				
3		DICHLORODIFLUOROMETHANE	4.380	4.399	-0.4	99	-0.01	5.04
4		FREON 152A	1.069	1.050	1.8	91	-0.01	4.94
5		CHLORODIFLUOROMETHANE	0.498	0.483	3.0	101	-0.02	4.97
6		PROPYLENE	1.036	0.980	5.4	92	-0.02	4.99
7		FREON 114	4.411	4.169	5.5	92	-0.01	5.22
8		CHLOROMETHANE	0.445	0.399	10.3	86	-0.01	5.16
9		VINYL CHLORIDE	1.580	1.478	6.5	87	-0.01	5.31
10		1,3-BUTADIENE	1.094	1.024	6.4	87	-0.01	5.40
11		n-BUTANE	2.091	1.825	12.7	88	0.00	5.44
12		BROMOMETHANE	1.614	1.562	3.2	90	-0.01	5.59
13		CHLOROETHANE	0.844	0.804	4.7	86	-0.01	5.70
14		FREON 123	2.251	2.227	1.1	92	0.00	6.02
15		TRICHLOROFLUOROMETHANE	4.014	4.070	-1.4	98	-0.01	6.21
16		ISOPROPYL ALCOHOL	1.889	1.851	2.0	90	0.00	6.29
17		ACETONE	0.595	0.565	5.0	89	-0.02	6.11
18		PENTANE	1.286	1.244	3.3	93	-0.01	6.43
19	H	TVHC as EQUIV PENTANE	8.100	8.638	-6.6	92	-0.01	6.44
20		ETHYL ETHER	0.655	0.645	1.5	88	0.00	6.46
21		1,1-DICHLOROETHYLENE	1.631	1.577	3.3	91	-0.01	6.64
22		CARBON DISULFIDE	4.233	4.003	5.4	89	-0.01	6.95
23		ETHANOL	0.500	0.461	7.8	88	-0.01	5.81
24		BROMOETHENE	1.544	1.658	-7.4	98	-0.01	5.93
25		METHYLENE CHLORIDE	1.465	1.319	10.0	90	-0.01	6.72
26		3-CHLOROPROPENE	0.608	0.618	-1.6	92	0.00	6.80
27		FREON 113	2.583	2.580	0.1	95	-0.01	6.89
28		TRANS-1,2-DICHLOROETHYLEN	1.585	1.549	2.3	91	-0.01	7.38
29		TERTIARY BUTYL ALCOHOL	2.038	1.864	8.5	85	-0.01	6.69
30		METHYL TERTIARY BUTYL ETH	3.878	3.724	4.0	91	0.00	7.58
31		TETRAHYDROFURAN	1.204	1.137	5.6	82	0.00	8.77
32		HEXANE	1.907	1.869	2.0	87	0.00	8.31
33		VINYL ACETATE	0.312	0.311	0.3	85	0.00	7.63
34		1,1-DICHLOROETHANE	2.672	2.588	3.1	88	0.00	7.54
35		METHYL ETHYL KETONE	0.661	0.645	2.4	86	-0.01	7.84
36		cis-1,2-DICHLOROETHYLENE	1.731	1.669	3.6	88	-0.01	8.17
37		ETHYL ACETATE	0.310	0.304	1.9	86	0.00	8.35
38		CHLOROFORM	3.137	3.122	0.5	92	0.00	8.41
39		2,4-DIMETHYLPENTANE	2.340	2.181	6.8	85	0.00	9.03
40		1,1,1-TRICHLOROETHANE	3.326	3.389	-1.9	96	0.00	9.22
41		CARBON TETRACHLORIDE	3.374	3.472	-2.9	98	0.00	9.74
42		1,2-DICHLOROETHANE	2.026	2.076	-2.5	95	-0.01	9.01

Initial Calibration Verification

Job Number: JA11797
Account: CARICH C. A. Rich Consultants
Project: Via Verde, 700-730 Brook Avenue, Bronx, NY

Sample: V2W943-ICV943
Lab FileID: 2W21946.D

43	I	1,4-DIFLUOROBENZENE	1.000	1.000	0.0	90	0.00	9.90
44		BENZENE	0.930	0.892	4.1	85	0.00	9.61
45		CYCLOHEXANE	0.407	0.386	5.2	88	-0.01	9.83
46		2,3-DIMETHYLPENTANE	0.193	0.190	1.6	85	0.00	10.03
47		TRICHLOROETHYLENE	0.395	0.372	5.8	89	0.00	10.53
48		1,2-DICHLOROPROPANE	0.304	0.282	7.2	82	0.00	10.32
49		BROMODICHLOROMETHANE	0.650	0.664	-2.2	92	0.00	10.50
50		2,2,4-TRIMETHYLPENTANE	1.067	1.004	5.9	87	0.00	10.54
51		1,4-DIOXANE	0.169	0.152	10.1	87	-0.01	10.59
52		METHYL METHACRYLATE	0.281	0.262	6.8	81	0.00	10.72
53		HEPTANE	0.415	0.374	9.9	84	0.00	10.78
54	H	TVHC as EQUIV HEPTANE	2.102	1.859	11.6	86	0.00	10.78
55		METHYL ISOBUTYL KETONE	0.512	0.464	9.4	85	-0.01	11.38
56		cis-1,3-DICHLOROPROPENE	0.489	0.482	1.4	87	0.00	11.33
57		TOLUENE	0.655	0.632	3.5	85	0.00	12.26
58		trans-1,3-DICHLOROPROPENE	0.485	0.495	-2.1	89	0.00	11.83
59		1,1,2-TRICHLOROETHANE	0.300	0.289	3.7	85	0.00	12.00
60	I	CHLOROBENZENE-D5	1.000	1.000	0.0	89	0.00	14.05
61		2-HEXANONE	0.606	0.483	20.3	86	0.00	12.55
62		TETRACHLOROETHYLENE	0.514	0.487	5.3	90	0.00	13.39
63		DIBROMOCHLOROMETHANE	0.736	0.758	-3.0	93	0.00	12.69
64		1,2-DIBROMOETHANE	0.641	0.614	4.2	88	0.00	12.93
65		OCTANE	0.578	0.534	7.6	84	0.00	13.23
66		CHLOROBENZENE	0.878	0.829	5.6	87	0.00	14.09
67		ETHYLBENZENE	1.487	1.403	5.6	87	0.00	14.49
68		m,p-XYLENE	0.581	0.541	6.9	87	0.00	14.68
69		o-XYLENE	0.561	0.522	7.0	87	0.00	15.19
70		STYRENE	0.871	0.832	4.5	84	0.00	15.07
71		NONANE	0.514	0.519	-1.0	89	0.00	15.42
72		BROMOFORM	0.670	0.701	-4.6	93	0.00	14.77
73	S	4-BROMOFLUOROBENZENE	0.621	0.661	-6.4	91	0.00	15.69
74		1,1,2,2-TETRACHLOROETHANE	0.666	0.608	8.7	84	0.00	15.19
75		ISOPROPYLBENZENE	1.450	1.492	-2.9	95	0.00	15.84
76		2-CHLOROTOLUENE	1.024	1.058	-3.3	95	0.00	16.38
77		4-ETHYLTOLUENE	1.333	1.322	0.8	89	0.00	16.60
78		1,3,5-TRIMETHYLBENZENE	1.213	1.130	6.8	88	0.00	16.69
79		1,2,4-TRIMETHYLBENZENE	1.129	1.104	2.2	89	0.00	17.16
80		m-DICHLOROBENZENE	0.726	0.700	3.6	89	0.00	17.33
81		BENZYL CHLORIDE	0.732	0.758	-3.6	93	0.00	17.32
82		p-DICHLOROBENZENE	0.699	0.670	4.1	89	0.00	17.41
83		o-DICHLOROBENZENE	0.658	0.645	2.0	89	0.00	17.81
84		HEXACHLOROBUTADIENE	0.284	0.292	-2.8	99	0.00	20.34
85		1,2,4-TRICHLOROBENZENE	0.237	0.234	1.3	113	0.00	19.80
86		NAPHTHALENE			----------NA----------			

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

2W21936.D M2W943.M Mon Feb 09 09:58:21 2009 MS2W

5.9

Continuing Calibration Summary

Job Number: JA11797
Account: CARICH C. A. Rich Consultants
Project: Via Verde, 700-730 Brook Avenue, Bronx, NY

Sample: V2W950-CC943
Lab FileID: 2W22116.D

Evaluate Continuing Calibration Report

Data File : C:\MSDCHEM\1\DATA\2W22116.D
Acq On : 17 Feb 2009 6:34 am
Sample : CC943-10
Misc : MS76032,V2W950,,,,,1
MS Integration Params: rteint.p

Vial: 2
Operator: YOUMINH
Inst : MS2W
Multiplr: 1.00

Method : C:\MSDCHEM\1\METHODS\M2W943.M (RTE Integrator)
Title : TO15 by GCMS w/RTX1 60 m X .32 mm ID 1.0 um
Last Update : Mon Feb 09 08:53:58 2009
Response via : Multiple Level Calibration

Min. RRF : 0.000 Min. Rel. Area : 25% Max. R.T. Dev 0.30min
Max. RRF Dev : 30% Max. Rel. Area : 200%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)	R.T.
1	I	BROMOCHLOROMETHANE	1.000	1.000	0.0	80	0.01	8.32
2		FREON 115		----------NA----------				
3		DICHLORODIFLUOROMETHANE	4.380	4.628	-5.7	91	0.00	5.06
4		FREON 152A	1.069	1.036	3.1	78	0.00	4.95
5		CHLORODIFLUOROMETHANE	0.498	0.530	-6.4	96	0.00	4.99
6		PROPYLENE	1.036	0.966	6.8	79	0.00	5.01
7		FREON 114	4.411	4.261	3.4	82	0.00	5.24
8		CHLOROMETHANE	0.445	0.400	10.1	75	0.01	5.18
9		VINYL CHLORIDE	1.580	1.497	5.3	77	0.00	5.33
10		1,3-BUTADIENE	1.094	0.991	9.4	73	0.00	5.42
11		n-BUTANE	2.091	1.841	12.0	77	0.00	5.45
12		BROMOMETHANE	1.614	1.544	4.3	77	0.00	5.61
13		CHLOROETHANE	0.844	0.787	6.8	73	0.00	5.72
14		FREON 123	2.251	2.169	3.6	78	0.00	6.03
15		TRICHLOROFLUOROMETHANE	4.014	4.363	-8.7	92	0.00	6.22
16		ISOPROPYL ALCOHOL	1.889	1.824	3.4	77	0.02	6.31
17		ACETONE	0.595	0.528	11.3	73	0.00	6.13
18		PENTANE	1.286	1.210	5.9	78	0.00	6.44
19	H	TVHC as EQUIV PENTANE	8.100	8.692	-7.3	80	0.00	6.46
20		ETHYL ETHER	0.655	0.634	3.2	75	0.01	6.47
21		1,1-DICHLOROETHYLENE	1.631	1.523	6.6	77	0.00	6.65
22		CARBON DISULFIDE	4.233	3.912	7.6	76	0.00	6.97
23		ETHANOL	0.500	0.429	14.2	71	0.02	5.84
24		BROMOETHENE	1.544	1.510	2.2	78	0.00	5.95
25		METHYLENE CHLORIDE	1.465	1.296	11.5	77	0.00	6.73
26		3-CHLOROPROPENE	0.608	0.583	4.1	75	0.00	6.82
27		FREON 113	2.583	2.617	-1.3	84	0.00	6.90
28		TRANS-1,2-DICHLOROETHYLEN	1.585	1.550	2.2	79	0.00	7.39
29		TERTIARY BUTYL ALCOHOL	2.038	2.059	-1.0	82	0.02	6.72
30		METHYL TERTIARY BUTYL ETH	3.878	3.889	-0.3	83	0.00	7.59
31		TETRAHYDROFURAN	1.204	1.292	-7.3	82	0.01	8.79
32		HEXANE	1.907	1.963	-2.9	79	0.00	8.32
33		VINYL ACETATE	0.312	0.318	-1.9	76	0.00	7.64
34		1,1-DICHLOROETHANE	2.672	2.814	-5.3	83	0.00	7.55
35		METHYL ETHYL KETONE	0.661	0.642	2.9	75	0.00	7.86
36		cis-1,2-DICHLOROETHYLENE	1.731	1.723	0.5	79	0.00	8.18
37		ETHYL ACETATE	0.310	0.319	-2.9	78	0.00	8.35
38		CHLOROFORM	3.137	3.329	-6.1	86	0.00	8.42
39		2,4-DIMETHYLPENTANE	2.340	2.350	-0.4	80	0.00	9.04
40		1,1,1-TRICHLOROETHANE	3.326	3.705	-11.4	91	0.00	9.22
41		CARBON TETRACHLORIDE	3.374	3.804	-12.7	94	0.00	9.74
42		1,2-DICHLOROETHANE	2.026	2.399	-18.4	96	0.00	9.01

Continuing Calibration Summary

Job Number: JA11797
Account: CARICH C. A. Rich Consultants
Project: Via Verde, 700-730 Brook Avenue, Bronx, NY

Sample: V2W950-CC943
Lab FileID: 2W22116.D

43	I	1,4-DIFLUOROBENZENE	1.000	1.000	0.0	78	0.01	9.91
44		BENZENE	0.930	0.956	-2.8	79	0.00	9.61
45		CYCLOHEXANE	0.407	0.403	1.0	79	0.00	9.84
46		2,3-DIMETHYLPENTANE	0.193	0.202	-4.7	78	0.00	10.03
47		TRICHLOROETHYLENE	0.395	0.405	-2.5	83	0.00	10.53
48		1,2-DICHLOROPROPANE	0.304	0.320	-5.3	80	0.00	10.33
49		BROMODICHLOROMETHANE	0.650	0.722	-11.1	87	0.00	10.51
50		2,2,4-TRIMETHYLPENTANE	1.067	1.090	-2.2	82	0.00	10.54
51		1,4-DIOXANE	0.169	0.148	12.4	74	0.00	10.61
52		METHYL METHACRYLATE	0.281	0.287	-2.1	76	0.00	10.73
53		HEPTANE	0.415	0.448	-8.0	87	0.00	10.78
54	H	TVHC as EQUIV HEPTANE	2.102	2.116	-0.7	85	0.00	10.78
55		METHYL ISOBUTYL KETONE	0.512	0.534	-4.3	85	0.00	11.39
56		cis-1,3-DICHLOROPROPENE	0.489	0.541	-10.6	85	0.00	11.33
57		TOLUENE	0.655	0.687	-4.9	80	0.00	12.26
58		trans-1,3-DICHLOROPROPENE	0.485	0.561	-15.7	87	0.00	11.83
59		1,1,2-TRICHLOROETHANE	0.300	0.317	-5.7	80	0.00	12.00
60	I	CHLOROBENZENE-D5	1.000	1.000	0.0	78	0.00	14.04
61		2-HEXANONE	0.606	0.537	11.4	84	0.00	12.56
62		TETRACHLOROETHYLENE	0.514	0.507	1.4	82	0.00	13.39
63		DIBROMOCHLOROMETHANE	0.736	0.794	-7.9	86	0.00	12.69
64		1,2-DIBROMOETHANE	0.641	0.649	-1.2	81	0.00	12.93
65		OCTANE	0.578	0.653	-13.0	91	0.00	13.23
66		CHLOROBENZENE	0.878	0.887	-1.0	81	0.00	14.09
67		ETHYLBENZENE	1.487	1.510	-1.5	82	0.00	14.48
68		m,p-XYLENE	0.581	0.576	0.9	81	0.00	14.68
69		o-XYLENE	0.561	0.559	0.4	81	0.00	15.18
70		STYRENE	0.871	0.883	-1.4	78	0.00	15.06
71		NONANE	0.514	0.601	-16.9	90	0.00	15.42
72		BROMOFORM	0.670	0.722	-7.8	84	0.00	14.77
73	S	4-BROMOFLUOROBENZENE	0.621	0.663	-6.8	80	0.00	15.68
74		1,1,2,2-TETRACHLOROETHANE	0.666	0.661	0.8	80	0.00	15.19
75		ISOPROPYLBENZENE	1.450	1.494	-3.0	83	0.00	15.84
76		2-CHLOROTOLUENE	1.024	1.077	-5.2	84	-0.01	16.38
77		4-ETHYLTOLUENE	1.333	1.381	-3.6	81	-0.01	16.59
78		1,3,5-TRIMETHYLBENZENE	1.213	1.214	-0.1	83	-0.01	16.68
79		1,2,4-TRIMETHYLBENZENE	1.129	1.173	-3.9	83	0.00	17.16
80		m-DICHLOROBENZENE	0.726	0.725	0.1	81	0.00	17.33
81		BENZYL CHLORIDE	0.732	0.747	-2.0	81	0.00	17.32
82		p-DICHLOROBENZENE	0.699	0.681	2.6	79	-0.01	17.41
83		o-DICHLOROBENZENE	0.658	0.662	-0.6	80	-0.01	17.80
84		HEXACHLOROBUTADIENE	0.284	0.293	-3.2	87	0.00	20.33
85		1,2,4-TRICHLOROBENZENE	0.237	0.184	22.4	78	-0.01	19.80
86		NAPHTHALENE			----------NA----------			

(#) = Out of Range SPCC's out = 0 CCC's out = 0
2W21936.D M2W943.M Wed Feb 18 10:55:48 2009 MS2W

5.9

Instrument Performance Check (BFB)

Job Number: JA11797
Account: CARICH C. A. Rich Consultants
Project: Via Verde, 700-730 Brook Avenue, Bronx, NY

Sample:	VW861-BFB	Injection Date:	02/16/09
Lab File ID:	W20215.D	Injection Time:	19:00
Instrument ID:	GCMSW		

m/e	Ion Abundance Criteria	Raw Abundance	% Relative Abundance		Pass/Fail
50	8.0 - 40.0% of mass 95	13699	18.7		Pass
75	30.0 - 66.0% of mass 95	35157	48.0		Pass
95	Base peak, 100% relative abundance	73173	100.0		Pass
96	5.0 - 9.0% of mass 95	4965	6.8		Pass
173	Less than 2.0% of mass 174	0	0.0	(0.0) [a]	Pass
174	50.0 - 120.0% of mass 95	60597	82.8		Pass
175	4.0 - 9.01% of mass 174	4261	5.8	(7.0) [a]	Pass
176	93.0 - 101.0% of mass 174	58722	80.3	(96.9) [a]	Pass
177	5.0 - 9.0% of mass 176	3773	5.2	(6.4) [b]	Pass

(a) Value is % of mass 174
(b) Value is % of mass 176

This check applies to the following Samples, MS, MSD, Blanks, and Standards:

Lab Sample ID	Lab File ID	Date Analyzed	Time Analyzed	Hours Lapsed	Client Sample ID
VW861-IC861	W20217.D	02/16/09	20:21	01:21	Initial cal 1.0
VW861-ICC861	W20219.D	02/16/09	21:42	02:42	Initial cal 10
VW861-IC861	W20221.D	02/16/09	23:03	04:03	Initial cal 0.2
VW861-IC861	W20223.D	02/17/09	00:23	05:23	Initial cal 20
VW861-IC861	W20224.D	02/17/09	01:04	06:04	Initial cal 5.0
VW861-IC861	W20225.D	02/17/09	01:44	06:44	Initial cal 0.5
VW861-IC861	W20226.D	02/17/09	02:25	07:25	Initial cal 10
VW861-IC861	W20227.D	02/17/09	03:05	08:05	Initial cal 5.0
VW861-IC861	W20228.D	02/17/09	03:45	08:45	Initial cal 40
VW861-IC861	W20229.D	02/17/09	04:26	09:26	Initial cal 1.0
VW861-IC861	W20230.D	02/17/09	05:06	10:06	Initial cal 0.5
VW861-IC861	W20231.D	02/17/09	05:47	10:47	Initial cal 0.2
VW861-ICV861	W20232.D	02/17/09	06:27	11:27	Initial cal verification 10
VW861-IC861	W20233.D	02/17/09	07:08	12:08	Initial cal 20
VW861-IC861	W20234.D	02/17/09	07:48	12:48	Initial cal 40

Instrument Performance Check (BFB)

Job Number: JA11797
Account: CARICH C. A. Rich Consultants
Project: Via Verde, 700-730 Brook Avenue, Bronx, NY

Sample:	VW862-BFB	Injection Date:	02/17/09
Lab File ID:	W20235.D	Injection Time:	08:29
Instrument ID:	GCMSW		

m/e	Ion Abundance Criteria	Raw Abundance	% Relative Abundance		Pass/Fail
50	8.0 - 40.0% of mass 95	11502	24.0		Pass
75	30.0 - 66.0% of mass 95	26397	55.2		Pass
95	Base peak, 100% relative abundance	47834	100.0		Pass
96	5.0 - 9.0% of mass 95	3344	7.0		Pass
173	Less than 2.0% of mass 174	0	0.0	(0.0) [a]	Pass
174	50.0 - 120.0% of mass 95	35738	74.7		Pass
175	4.0 - 9.01% of mass 174	2602	5.4	(7.3) [a]	Pass
176	93.0 - 101.0% of mass 174	34128	71.3	(95.5) [a]	Pass
177	5.0 - 9.0% of mass 176	2316	4.8	(6.8) [b]	Pass

(a) Value is % of mass 174
(b) Value is % of mass 176

This check applies to the following Samples, MS, MSD, Blanks, and Standards:

Lab Sample ID	Lab File ID	Date Analyzed	Time Analyzed	Hours Lapsed	Client Sample ID
VW862-CC861	W20236.D	02/17/09	09:31	01:02	Continuing cal 10
VW862-BS	W20237.D	02/17/09	10:20	01:51	Blank Spike
VW862-BSD	W20238.D	02/17/09	11:01	02:32	Blank Spike Duplicate
VW862-MB	W20239.D	02/17/09	12:57	04:28	Method Blank
JA11797-6	W20240.D	02/17/09	13:38	05:09	SVP-6
JA11797-7	W20241.D	02/17/09	14:18	05:49	SVP-7
JA11797-8	W20242.D	02/17/09	14:59	06:30	SVP-8
JA11797-9	W20243.D	02/17/09	15:40	07:11	SVP-9
JA11797-10	W20244.D	02/17/09	16:21	07:52	SVP-10
JA11797-10DUP	W20245.D	02/17/09	17:04	08:35	Duplicate
ZZZZZZ	W20246.D	02/17/09	17:45	09:16	(unrelated sample)
ZZZZZZ	W20247.D	02/17/09	18:25	09:56	(unrelated sample)
ZZZZZZ	W20248.D	02/17/09	19:06	10:37	(unrelated sample)
ZZZZZZ	W20249.D	02/17/09	19:46	11:17	(unrelated sample)
ZZZZZZ	W20250.D	02/17/09	21:06	12:37	(unrelated sample)
ZZZZZZ	W20251.D	02/17/09	21:47	13:18	(unrelated sample)
ZZZZZZ	W20252.D	02/17/09	22:27	13:58	(unrelated sample)
ZZZZZZ	W20253.D	02/17/09	23:07	14:38	(unrelated sample)
ZZZZZZ	W20254.D	02/17/09	23:47	15:18	(unrelated sample)
ZZZZZZ	W20255.D	02/18/09	00:28	15:59	(unrelated sample)
ZZZZZZ	W20256.D	02/18/09	01:48	17:19	(unrelated sample)
ZZZZZZ	W20257.D	02/18/09	02:29	18:00	(unrelated sample)
ZZZZZZ	W20258.D	02/18/09	03:09	18:40	(unrelated sample)
ZZZZZZ	W20259.D	02/18/09	03:49	19:20	(unrelated sample)

Initial Calibration Summary

Job Number: JA11797
Account: CARICH C. A. Rich Consultants
Project: Via Verde, 700-730 Brook Avenue, Bronx, NY

Sample: VW861-ICC861
Lab FileID: W20219.D

Response Factor Report MSW

Method : C:\MSDCHEM\1\METHODS\MW861.M (RTE Integrator)
Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
Last Update : Tue Feb 17 09:06:59 2009
Response via : Initial Calibration

Calibration Files
0.2 =W20231.D 0.5 =W20230.D 1.0 =W20229.D 5.0 =W20227.D
10. =W20226.D 20. =W20233.D 40. =W20234.D 99 =W20038.D

Compound	0.2	0.5	1.0	5.0	10.	20.	40.	99	Avg	%RSD
1) I BROMOCHLOROMETHANE	----------	----------	----------	ISTD	----------	----------	----------	----------		
2) FREON 115									0.000	-1.00
3) FREON 152A	4.005	2.565	1.970	1.510	1.406	1.358	1.269		2.012	49.19
4) CHLORODIFLUO	0.518	0.496	0.454	0.528	0.513	0.507	0.483		0.500	4.95
5) DICHLORODIFL	5.714	5.173	4.616	5.294	5.095	4.901	4.584		5.054	7.85
6) PROPYLENE	2.591	2.186	1.798	2.048	2.002	1.933	1.790		2.050	13.49
7) FREON 114	6.428	5.620	5.170	6.099	5.634	5.494	5.280		5.675	7.86
8) CHLOROMETHAN	0.766	0.686	0.592	0.672	0.639	0.619	0.575		0.650	10.00
9) VINYL CHLORI	2.537	2.238	2.072	2.330	2.168	2.075	1.935		2.194	9.02
10) 1,3-BUTADIEN	2.010	1.804	1.672	1.897	1.772	1.722	1.625		1.786	7.45
11) n-BUTANE	4.996	4.304	3.740	4.189	4.047	3.838	3.528		4.092	11.72
12) BROMOMETHANE	1.996	1.756	1.653	1.928	1.684	1.630	1.549		1.742	9.39
13) CHLOROETHANE	1.439	1.232	1.160	1.292	1.180	1.130	1.076		1.216	9.91
14) FREON 123	3.223	2.923	2.742	3.194	2.863	2.805	2.744		2.928	6.91
15) TRICHLOROFLU	5.498	4.889	4.455	5.307	4.728	4.651	4.481		4.859	8.30
16) ISOPROPYL AL	3.807	3.367	3.015	3.375	3.252	3.310	3.099		3.318	7.68
17) ACETONE	1.058	0.993	0.964	0.981	0.932	0.919	0.884		0.962	5.93
18) PENTANE	3.699	3.052	2.714	2.832	2.636	2.596	2.390		2.845	15.07
19) TVHC as EQUI	1.776	1.775	1.577	1.599	1.668	1.636	1.610		1.663 E1	4.94
20) ETHYL ETHER	1.083	1.015	1.028	1.090	0.995	0.980	0.979		1.024	4.48
21) 1,1-DICHLORO	2.566	2.052	1.959	2.211	1.847	1.797	1.737		2.024	14.25
22) CARBON DISUL	6.708	5.885	5.520	6.414	5.535	5.344	5.038		5.778	10.34
23) ETHANOL	1.223	0.957	0.879	0.837	0.797	0.799	0.767		0.894	17.70
24) BROMOETHENE	1.920	1.698	1.603	1.895	1.616	1.563	1.506		1.686	9.62
25) METHYLENE CH	2.507	1.986	1.760	1.888	1.665	1.604	1.522		1.847	17.98
26) 3-CHLOROPROP	0.953	0.829	0.835	0.961	0.834	0.815	0.800		0.861	7.73
27) FREON 113	3.313	2.952	2.839	3.380	2.890	2.910	3.028		3.045	7.06
28) TRANS-1,2-DI	2.400	1.965	1.823	2.046	1.765	1.677	1.625		1.900	14.01
29) TERTIARY BUT	2.571	2.705	2.592	2.997	2.690	2.811	2.372		2.677	7.36
30) METHYL TERTI	5.502	4.905	4.888	5.358	4.882	4.850	4.726		5.016	5.82
31) TETRAHYDROFU	2.425	2.236	2.203	2.320	2.277	2.278	2.216		2.279	3.33
32) HEXANE	3.939	3.560	3.266	3.803	3.480	3.412	3.239		3.528	7.44
33) VINYL ACETAT	0.358	0.400	0.413	0.490	0.453	0.443	0.439		0.428	9.87
34) 1,1-DICHLORO	4.248	3.788	3.538	4.193	3.679	3.493	3.313		3.750	9.45
35) METHYL ETHYL	0.771	0.796	0.794	0.881	0.819	0.823	0.795		0.811	4.34
36) cis-1,2-DICH	2.424	2.085	1.928	2.137	1.918	1.873	1.833		2.028	10.19
37) ETHYL ACETAT	0.431	0.470	0.477	0.514	0.497	0.490	0.480		0.480	5.45
38) CHLOROFORM	4.092	3.803	3.499	4.079	3.755	3.675	3.559		3.780	6.17
39) 2,4-DIMETHYL	4.434	4.013	3.792	4.487	4.165	4.081	3.843		4.116	6.52
40) 1,1,1-TRICHL	4.262	3.828	3.606	4.131	3.882	3.818	3.737		3.895	5.84
41) CARBON TETRA	4.317	3.829	3.602	4.261	3.985	3.972	3.888		3.979	6.21
42) 1,2-DICHLORO	2.742	2.530	2.329	2.646	2.558	2.549	2.457		2.544	5.17
43) I 1,4-DIFLUOROBENZENE	----------	----------	----------	ISTD	----------	----------	----------	----------		
44) BENZENE	1.326	1.162	1.123	1.303	1.177	1.151	1.159		1.200	6.67
45) CYCLOHEXANE	0.610	0.512	0.489	0.582	0.517	0.510	0.519		0.534	8.30

Initial Calibration Summary

Job Number: JA11797
Account: CARICH C. A. Rich Consultants
Project: Via Verde, 700-730 Brook Avenue, Bronx, NY

Sample: VW861-ICC861
Lab FileID: W20219.D

46)	2,3-DIMETHYL	0.315	0.281	0.270	0.322	0.294	0.294	0.301	0.297	6.14
47)	TRICHLOROETH	0.516	0.460	0.430	0.535	0.499	0.528	0.527	0.499	8.01
48)	1,2-DICHLORO	0.482	0.426	0.407	0.466	0.436	0.431	0.437	0.441	5.78
49)	BROMODICHLOR	0.835	0.734	0.688	0.842	0.794	0.812	0.809	0.788	7.14
50)	2,2,4-TRIMET	2.222	1.961	1.882	2.241	2.136	2.073	1.764	2.040	8.76
51)	1,4-DIOXANE	0.167	0.155	0.161	0.189	0.172	0.182	0.183	0.173	7.29
52)	METHYL METHA	0.369	0.341	0.346	0.390	0.382	0.396	0.416	0.377	7.19
53)	HEPTANE	0.976	0.885	0.781	0.899	0.846	0.835	0.805	0.861	7.62
54)	TVHC as EQUI	4.223	4.000	3.331	3.855	3.464	3.454	3.508	3.691	9.10
55)	METHYL ISOBU	0.856	0.778	0.734	0.864	0.834	0.877	0.865	0.830	6.43
56)	cis-1,3-DICH	0.618	0.558	0.543	0.660	0.625	0.637	0.653	0.614	7.46
57)	TOLUENE	0.814	0.744	0.738	0.880	0.838	0.862	0.892	0.824	7.56
58)	trans-1,3-DI	0.565	0.527	0.512	0.649	0.627	0.649	0.668	0.599	10.65
59)	1,1,2-TRICHL	0.380	0.351	0.337	0.397	0.381	0.393	0.409	0.378	6.85
60)	I CHLOROBENZENE-D5	ISTD								
61)	2-HEXANONE	0.897	0.803	0.781	0.894	0.821	0.841	0.817	0.836	5.30
62)	TETRACHLOROE	0.589	0.520	0.511	0.609	0.555	0.567	0.599	0.564	6.78
63)	DIBROMOCHLOR	0.803	0.717	0.699	0.872	0.796	0.798	0.817	0.786	7.57
64)	1,2-DIBROMOE	0.715	0.653	0.646	0.768	0.703	0.708	0.724	0.702	5.98
65)	OCTANE	1.392	1.230	1.169	1.364	1.228	1.156	1.046	1.227	9.82
66)	CHLOROBENZEN	1.257	1.087	1.056	1.216	1.117	1.110	1.125	1.138	6.31
67)	ETHYLBENZENE	1.956	1.776	1.804	2.074	1.937	1.908	1.892	1.907	5.20
68)	m,p-XYLENE	0.744	0.678	0.692	0.812	0.778	0.789	0.776	0.753	6.70
69)	o-XYLENE	0.707	0.643	0.673	0.792	0.775	0.787	0.753	0.733	8.07
70)	STYRENE	1.018	0.918	0.992	1.216	1.173	1.175	1.196	1.098	10.84
71)	NONANE	1.260	1.141	1.111	1.313	1.215	1.135	1.002	1.168	8.87
72)	BROMOFORM	0.694	0.632	0.644	0.828	0.788	0.824	0.864	0.753	12.62
73)	4-BROMOFLUOR	0.624	0.637	0.648	0.659	0.689	0.684	0.672	0.659	3.68
74)	1,1,2,2-TETR	0.939	0.852	0.855	1.043	1.013	1.011	0.929	0.949	8.12
75)	ISOPROPYLBEN	1.994	1.785	1.840	2.137	2.068	2.030	1.985	1.977	6.29
76)	2-CHLOROTOLU	1.402	1.269	1.272	1.530	1.463	1.436	1.418	1.399	6.90
77)	4-ETHYLTOLUE	1.711	1.611	1.743	2.047	2.033	2.014	1.953	1.873	9.60
78)	1,3,5-TRIMET	1.566	1.445	1.534	1.751	1.735	1.728	1.703	1.637	7.39
79)	1,2,4-TRIMET	1.431	1.318	1.433	1.684	1.688	1.682	1.664	1.557	10.12
80)	m-DICHLOROBE	0.969	0.865	0.884	1.152	1.135	1.182	1.171	1.051	13.34
81)	BENZYL CHLOR	0.964	0.911	0.974	1.380	1.417	1.463	1.427	1.220	20.85
82)	p-DICHLOROBE	0.939	0.831	0.854	1.085	1.087	1.112	1.137	1.006	12.78
83)	o-DICHLOROBE	0.850	0.776	0.788	1.005	0.996	1.013	1.037	0.924	12.37
84)	HEXACHLOROBU	0.344	0.335	0.319	0.416	0.460	0.486	0.504	0.409	18.76
85)	1,2,4-TRICHL	0.245	0.225	0.225	0.353	0.407	0.473	0.523	0.350	35.13
86)	NAPHTHALENE	0.269	0.339	0.510	0.554	0.602	0.667	0.714	0.522	31.54

(#) = Out of Range ### Number of calibration levels exceeded format ###

MW861.M Wed Feb 18 09:29:10 2009 MSW

5.6

5

Initial Calibration Verification

Job Number: JA11797
Account: CARICH C. A. Rich Consultants
Project: Via Verde, 700-730 Brook Avenue, Bronx, NY

Sample: VW861-ICV861
Lab FileID: W20232.D

Evaluate Continuing Calibration Report

Data File : C:\MSDCHEM\1\DATA\W20232.D
Acq On : 17 Feb 2009 6:27 am
Sample : ICV861-10
Misc : MS49009,VW861,,,,,1
MS Integration Params: rteint.p

Vial: 3
Operator: YOUMINH
Inst : MSW
Multiplr: 1.00

Method : C:\MSDCHEM\1\METHODS\MW861.M (RTE Integrator)
Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
Last Update : Tue Feb 17 09:06:59 2009
Response via : Multiple Level Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 30% Max. Rel. Area : 150%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
1	I	BROMOCHLOROMETHANE	1.000	1.000	0.0	85	0.00
2		FREON 115	0.000	0.000	0.0	0#	-5.08#
3		FREON 152A .	2.012	1.419	29.5	86	0.00
4		CHLORODIFLUOROMETHANE	0.500	0.572	-14.4	95	0.00
5		DICHLORODIFLUOROMETHANE	5.054	5.240	-3.7	88	0.00
6		PROPYLENE	2.050	2.179	-6.3	93	0.00
7		FREON 114	5.675	5.696	-0.4	86	0.00
8		CHLOROMETHANE	0.650	0.659	-1.4	88	0.00
9		VINYL CHLORIDE	2.194	2.168	1.2	85	0.00
10		1,3-BUTADIENE	1.786	1.851	-3.6	89	0.00
11		n-BUTANE	4.092	4.320	-5.6	91	0.00
12		BROMOMETHANE	1.742	1.640	5.9	83	0.00
13		CHLOROETHANE	1.216	1.170	3.8	84	0.00
14		FREON 123	2.928	2.917	0.4	87	0.00
15		TRICHLOROFLUOROMETHANE	4.859	4.892	-0.7	88	0.00
16		ISOPROPYL ALCOHOL	3.318	3.605	-8.6	94	0.01
17		ACETONE	0.962	0.976	-1.5	89	0.00
18		PENTANE	2.845	3.010	-5.8	97	0.00
19	H	TVHC as EQUIV PENTANE	16.630	18.931	-13.8	97	0.00
20		ETHYL ETHER	1.024	0.975	4.8	83	0.00
21		1,1-DICHLOROETHYLENE	2.024	1.839	9.1	85	0.00
22		CARBON DISULFIDE	5.778	5.761	0.3	89	0.00
23		ETHANOL	0.894	0.898	-0.4	96	0.01
24		BROMOETHENE	1.686	1.655	1.8	87	0.00
25		METHYLENE CHLORIDE	1.847	1.666	9.8	85	0.00
26		3-CHLOROPROPENE	0.861	0.862	-0.1	88	0.00
27		FREON 113	3.045	2.869	5.8	85	0.00
28		TRANS-1,2-DICHLOROETHYLENE	1.900	1.786	6.0	86	0.00
29		TERTIARY BUTYL ALCOHOL	2.677	2.551	4.7	81	0.01
30		METHYL TERTIARY BUTYL ETHER	5.016	4.964	1.0	87	0.01
31		TETRAHYDROFURAN	2.279	2.465	-8.2	92	0.00
32		HEXANE	3.528	3.699	-4.8	90	0.00
33		VINYL ACETATE	0.428	0.439	-2.6	82	0.00
34		1,1-DICHLOROETHANE	3.750	3.768	-0.5	87	0.00
35		METHYL ETHYL KETONE	0.811	0.835	-3.0	87	0.00
36		cis-1,2-DICHLOROETHYLENE	2.028	1.897	6.5	84	0.00
37		ETHYL ACETATE	0.480	0.512	-6.7	88	0.00
38		CHLOROFORM	3.780	3.927	-3.9	89	0.00
39		2,4-DIMETHYLPENTANE	4.116	4.361	-6.0	89	0.00
40		1,1,1-TRICHLOROETHANE	3.895	4.030	-3.5	88	0.00
41		CARBON TETRACHLORIDE	3.979	4.166	-4.7	89	0.00
42		1,2-DICHLOROETHANE	2.544	2.780	-9.3	93	0.00

Initial Calibration Verification

Job Number: JA11797
Account: CARICH C. A. Rich Consultants
Project: Via Verde, 700-730 Brook Avenue, Bronx, NY

Sample: VW861-ICV861
Lab FileID: W20232.D

43	I	1,4-DIFLUOROBENZENE	1.000	1.000	0.0	85	0.00
44		BENZENE	1.200	1.187	1.1	86	0.00
45		CYCLOHEXANE	0.534	0.528	1.1	87	0.00
46		2,3-DIMETHYLPENTANE	0.297	0.303	-2.0	88	0.00
47		TRICHLOROETHYLENE	0.499	0.521	-4.4	89	0.00
48		1,2-DICHLOROPROPANE	0.441	0.443	-0.5	87	0.00
49		BROMODICHLOROMETHANE	0.788	0.858	-8.9	92	0.00
50		2,2,4-TRIMETHYLPENTANE	2.040	2.356	-15.5	94	0.00
51		1,4-DIOXANE	0.173	0.183	-5.8	90	0.00
52		METHYL METHACRYLATE	0.377	0.384	-1.9	85	0.00
53		HEPTANE	0.861	0.942	-9.4	95	0.00
54	H	TVHC as EQUIV HEPTANE	3.691	3.721	-0.8	91	0.00
55		METHYL ISOBUTYL KETONE	0.830	0.947	-14.1	97	0.00
56		cis-1,3-DICHLOROPROPENE	0.614	0.641	-4.4	87	0.00
57		TOLUENE	0.824	0.840	-1.9	85	0.00
58		trans-1,3-DICHLOROPROPENE	0.599	0.650	-8.5	88	0.00
59		1,1,2-TRICHLOROETHANE	0.378	0.390	-3.2	87	0.00
60	I	CHLOROBENZENE-D5	1.000	1.000	0.0	86	0.00
61		2-HEXANONE	0.836	0.917	-9.7	96	0.00
62		TETRACHLOROETHYLENE	0.564	0.547	3.0	85	0.00
63		DIBROMOCHLOROMETHANE	0.786	0.822	-4.6	89	0.00
64		1,2-DIBROMOETHANE	0.702	0.706	-0.6	86	0.00
65		OCTANE	1.227	1.348	-9.9	94	0.00
66		CHLOROBENZENE	1.138	1.111	2.4	86	0.00
67		ETHYLBENZENE	1.907	1.954	-2.5	87	0.00
68		m,p-XYLENE	0.753	0.775	-2.9	86	0.00
69		o-XYLENE	0.733	0.783	-6.8	87	0.00
70		STYRENE	1.098	1.163	-5.9	85	0.00
71		NONANE	1.168	1.399	-19.8	99	0.00
72		BROMOFORM	0.753	0.816	-8.4	89	0.00
73	S	4-BROMOFLUOROBENZENE	0.659	0.692	-5.0	86	0.00
74		1,1,2,2-TETRACHLOROETHANE	0.949	1.075	-13.3	91	0.00
75		ISOPROPYLBENZENE	1.977	2.176	-10.1	91	0.00
76		2-CHLOROTOLUENE	1.399	1.565	-11.9	92	0.00
77		4-ETHYLTOLUENE	1.873	2.128	-13.6	90	0.00
78		1,3,5-TRIMETHYLBENZENE	1.637	1.789	-9.3	89	0.00
79		1,2,4-TRIMETHYLBENZENE	1.557	1.746	-12.1	89	0.00
80		m-DICHLOROBENZENE	1.051	1.181	-12.4	90	0.00
81		BENZYL CHLORIDE	1.220	1.559	-27.8	95	0.00
82		p-DICHLOROBENZENE	1.006	1.120	-11.3	89	0.00
83		o-DICHLOROBENZENE	0.924	1.037	-12.2	90	0.00
84		HEXACHLOROBUTADIENE	0.409	0.479	-17.1	90	0.00
85		1,2,4-TRICHLOROBENZENE	0.350	0.431	-23.1	91	0.00
86		NAPHTHALENE	0.522	0.000	100.0#	0#	-20.37#

(#) = Out of Range SPCC's out = 0 CCC's out = 0
W20226.D MW861.M Wed Feb 18 09:29:08 2009 MSW

5.9

Continuing Calibration Summary

Job Number: JA11797
Account: CARICH C. A. Rich Consultants
Project: Via Verde, 700-730 Brook Avenue, Bronx, NY

Sample: VW862-CC861
Lab FileID: W20236.D

Evaluate Continuing Calibration Report

Data File : C:\MSDCHEM\1\DATA\W20236.D
Acq On : 17 Feb 2009 9:31 am
Sample : CC861-10
Misc : MS49009,VW862,,,,,1
MS Integration Params: rteint.p

Vial: 2
Operator: YOUMINH
Inst : MSW
Multiplr: 1.00

Method : C:\MSDCHEM\1\METHODS\MW861.M (RTE Integrator)
Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
Last Update : Tue Feb 17 09:06:59 2009
Response via : Multiple Level Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 30% Max. Rel. Area : 150%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
1	I	BROMOCHLOROMETHANE	1.000	1.000	0.0	83	0.00
2		FREON 115	0.000	0.000	0.0	0#	-5.08#
3		FREON 152A	2.012	1.541	23.4	91	0.00
4		CHLORODIFLUOROMETHANE	0.500	0.614	-22.8	99	0.00
5		DICHLORODIFLUOROMETHANE	5.054	5.758	-13.9	94	0.00
6		PROPYLENE	2.050	2.350	-14.6	97	0.00
7		FREON 114	5.675	6.110	-7.7	90	0.00
8		CHLOROMETHANE	0.650	0.707	-8.8	92	0.00
9		VINYL CHLORIDE	2.194	2.318	-5.7	89	0.00
10		1,3-BUTADIENE	1.786	1.956	-9.5	91	0.00
11		n-BUTANE	4.092	4.659	-13.9	95	0.00
12		BROMOMETHANE	1.742	1.748	-0.3	86	0.00
13		CHLOROETHANE	1.216	1.267	-4.2	89	0.00
14		FREON 123	2.928	3.063	-4.6	89	0.00
15		TRICHLOROFLUOROMETHANE	4.859	5.276	-8.6	92	0.00
16		ISOPROPYL ALCOHOL	3.318	3.683	-11.0	94	0.00
17		ACETONE	0.962	0.970	-0.8	86	0.00
18		PENTANE	2.845	3.111	-9.3	98	0.00
19	H	TVHC as EQUIV PENTANE	16.630	19.463	-17.0	97	0.00
20		ETHYL ETHER	1.024	1.008	1.6	84	0.00
21		1,1-DICHLOROETHYLENE	2.024	1.892	6.5	85	0.00
22		CARBON DISULFIDE	5.778	5.863	-1.5	88	0.00
23		ETHANOL	0.894	0.899	-0.6	93	0.00
24		BROMOETHENE	1.686	1.648	2.3	85	0.00
25		METHYLENE CHLORIDE	1.847	1.763	4.5	88	0.00
26		3-CHLOROPROPENE	0.861	0.874	-1.5	87	0.00
27		FREON 113	3.045	2.993	1.7	86	0.00
28		TRANS-1,2-DICHLOROETHYLENE	1.900	1.819	4.3	85	0.00
29		TERTIARY BUTYL ALCOHOL	2.677	2.960	-10.6	91	0.00
30		METHYL TERTIARY BUTYL ETHER	5.016	5.028	-0.2	85	0.00
31		TETRAHYDROFURAN	2.279	2.480	-8.8	90	0.00
32		HEXANE	3.528	3.825	-8.4	91	0.00
33		VINYL ACETATE	0.428	0.446	-4.2	81	0.00
34		1,1-DICHLOROETHANE	3.750	4.027	-7.4	91	0.00
35		METHYL ETHYL KETONE	0.811	0.827	-2.0	84	0.00
36		cis-1,2-DICHLOROETHYLENE	2.028	1.975	2.6	85	0.00
37		ETHYL ACETATE	0.480	0.512	-6.7	85	0.00
38		CHLOROFORM	3.780	4.155	-9.9	92	0.00
39		2,4-DIMETHYLPENTANE	4.116	4.596	-11.7	91	0.00
40		1,1,1-TRICHLOROETHANE	3.895	4.291	-10.2	92	0.00
41		CARBON TETRACHLORIDE	3.979	4.412	-10.9	92	0.00
42		1,2-DICHLOROETHANE	2.544	2.985	-17.3	97	0.00

Continuing Calibration Summary

Job Number: JA11797
Account: CARICH C. A. Rich Consultants
Project: Via Verde, 700-730 Brook Avenue, Bronx, NY

Sample: VW862-CC861
Lab FileID: W20236.D

43	I	1,4-DIFLUOROBENZENE	1.000	1.000	0.0	81	0.00
44		BENZENE	1.200	1.279	-6.6	88	0.00
45		CYCLOHEXANE	0.534	0.550	-3.0	86	0.00
46		2,3-DIMETHYLPENTANE	0.297	0.321	-8.1	88	0.00
47		TRICHLOROETHYLENE	0.499	0.557	-11.6	90	0.00
48		1,2-DICHLOROPROPANE	0.441	0.477	-8.2	89	0.00
49		BROMODICHLOROMETHANE	0.788	0.908	-15.2	93	0.00
50		2,2,4-TRIMETHYLPENTANE	2.040	2.458	-20.5	93	0.00
51		1,4-DIOXANE	0.173	0.181	-4.6	85	0.00
52		METHYL METHACRYLATE	0.377	0.402	-6.6	85	0.00
53		HEPTANE	0.861	1.002	-16.4	96	0.00
54	H	TVHC as EQUIV HEPTANE	3.691	4.088	-10.8	95	0.00
55		METHYL ISOBUTYL KETONE	0.830	0.977	-17.7	95	0.00
56		cis-1,3-DICHLOROPROPENE	0.614	0.682	-11.1	88	0.00
57		TOLUENE	0.824	0.889	-7.9	86	0.00
58		trans-1,3-DICHLOROPROPENE	0.599	0.694	-15.9	90	0.00
59		1,1,2-TRICHLOROETHANE	0.378	0.414	-9.5	88	0.00
60	I	CHLOROBENZENE-D5	1.000	1.000	0.0	80	0.00
61		2-HEXANONE	0.836	0.978	-17.0	95	0.00
62		TETRACHLOROETHYLENE	0.564	0.585	-3.7	84	0.00
63		DIBROMOCHLOROMETHANE	0.786	0.875	-11.3	88	0.00
64		1,2-DIBROMOETHANE	0.702	0.761	-8.4	87	0.00
65		OCTANE	1.227	1.477	-20.4	96	0.00
66		CHLOROBENZENE	1.138	1.186	-4.2	85	0.00
67		ETHYLBENZENE	1.907	2.093	-9.8	87	0.00
68		m,p-XYLENE	0.753	0.828	-10.0	85	0.00
69		o-XYLENE	0.733	0.832	-13.5	86	0.00
70		STYRENE	1.098	1.239	-12.8	85	0.00
71		NONANE	1.168	1.478	-26.5	97	0.00
72		BROMOFORM	0.753	0.857	-13.8	87	0.00
73	S	4-BROMOFLUOROBENZENE	0.659	0.692	-5.0	80	0.00
74		1,1,2,2-TETRACHLOROETHANE	0.949	1.117	-17.7	88	0.00
75		ISOPROPYLBENZENE	1.977	2.219	-12.2	86	0.00
76		2-CHLOROTOLUENE	1.399	1.608	-14.9	88	0.00
77		4-ETHYLTOLUENE	1.873	2.147	-14.6	85	0.00
78		1,3,5-TRIMETHYLBENZENE	1.637	1.839	-12.3	85	0.00
79		1,2,4-TRIMETHYLBENZENE	1.557	1.777	-14.1	84	0.00
80		m-DICHLOROBENZENE	1.051	1.212	-15.3	86	0.00
81		BENZYL CHLORIDE	1.220	1.544	-26.6	87	0.00
82		p-DICHLOROBENZENE	1.006	1.148	-14.1	85	0.00
83		o-DICHLOROBENZENE	0.924	1.036	-12.1	83	0.00
84		HEXACHLOROBUTADIENE	0.409	0.454	-11.0	79	0.00
85		1,2,4-TRICHLOROBENZENE	0.350	0.394	-12.6	78	0.00
86		NAPHTHALENE	0.522	0.000	100.0#	0#	-20.37#

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

W20226.D MW861.M Wed Feb 18 10:31:34 2009 MSW

5.9

Volatile Internal Standard Area Summary

Job Number: JA11797
Account: CARICH C. A. Rich Consultants
Project: Via Verde, 700-730 Brook Avenue, Bronx, NY

Check Std:	V2W950-CC943	Injection Date:	02/17/09
Lab File ID:	2W22116.D	Injection Time:	06:34
Instrument ID:	GCMS2W	Method:	TO-15

	IS 1 AREA	RT	IS 2 AREA	RT	IS 3 AREA	RT
Check Std	134160	8.32	639285	9.91	588814	14.04
Upper Limit [a]	187824	8.65	894999	10.24	824340	14.37
Lower Limit [b]	80496	7.99	383571	9.58	353288	13.71

Lab Sample ID	IS 1 AREA	RT	IS 2 AREA	RT	IS 3 AREA	RT
V2W950-BS	137971	8.31	644359	9.91	589688	14.04
V2W950-BSD	142206	8.32	666060	9.91	604158	14.04
V2W950-MB	163913	8.31	754017	9.90	599868	14.04
ZZZZZZ	139540	8.32	678227	9.91	566652	14.05
ZZZZZZ	159759	8.31	770209	9.91	687705	14.05
ZZZZZZ	165854	8.31	790114	9.90	649265	14.04
ZZZZZZ	174476	8.32	821687	9.91	696953	14.04
V2W950-SCC	160559	8.32	733647	9.91	571266	14.04
JA11797-1	168258	8.31	769992	9.90	627337	14.04
JA11797-1DUP	148834	8.32	704034	9.90	573274	14.04
JA11797-2	153020	8.31	716645	9.90	580787	14.04
JA11797-4	144562	8.31	675515	9.90	549847	14.04
JA11797-5	147899	8.32	706187	9.90	570108	14.04
ZZZZZZ	132636	8.32	646547	9.91	528529	14.07

IS 1 = Bromochloromethane
IS 2 = 1,4-Difluorobenzene
IS 3 = Chlorobenzene-D5

(a) Upper Limit = +40% of check standard area; Retention time +0.33 minutes.
(b) Lower Limit = -40% of check standard area; Retention time -0.33 minutes.

Volatile Internal Standard Area Summary

Job Number: JA11797
Account: CARICH C. A. Rich Consultants
Project: Via Verde, 700-730 Brook Avenue, Bronx, NY

Check Std:	VW862-CC861	Injection Date:	02/17/09
Lab File ID:	W20236.D	Injection Time:	09:31
Instrument ID:	GCMSW	Method:	TO-15

	IS 1 AREA	RT	IS 2 AREA	RT	IS 3 AREA	RT
Check Std	98555	8.69	499555	10.40	466340	14.64
Upper Limit [a]	137977	9.02	699377	10.73	652876	14.97
Lower Limit [b]	59133	8.36	299733	10.07	279804	14.31

Lab Sample ID	IS 1 AREA	RT	IS 2 AREA	RT	IS 3 AREA	RT
VW862-BS	110041	8.69	570760	10.40	527377	14.64
VW862-BSD	123718	8.68	654092	10.39	601477	14.63
VW862-MB	104665	8.69	507890	10.39	418685	14.63
JA11797-6	97243	8.67	537768	10.37	463978	14.62
JA11797-7	96833	8.68	521866	10.38	451273	14.62
JA11797-8	96533	8.68	523021	10.38	445849	14.62
JA11797-9	94902	8.68	530164	10.38	449046	14.62
JA11797-10	94851	8.69	515658	10.39	475093	14.63
JA11797-10DUP	107229	8.68	580857	10.38	519541	14.62
ZZZZZZ	110232	8.70	605622	10.41	509904	14.64
ZZZZZZ	103789	8.70	570452	10.40	480947	14.63
ZZZZZZ	104067	8.70	566055	10.40	471334	14.64
ZZZZZZ	99650	8.70	547644	10.41	471688	14.64
ZZZZZZ	123105	8.69	650718	10.40	525237	14.64
ZZZZZZ	96353	8.71	527730	10.42	440246	14.64
ZZZZZZ	98973	8.70	534461	10.41	444134	14.64
ZZZZZZ	84736	8.69	462546	10.39	391142	14.64
ZZZZZZ	81128	8.70	447045	10.41	376468	14.64
ZZZZZZ	76344	8.70	421505	10.40	360345	14.65
ZZZZZZ	103377	8.70	540666	10.40	439511	14.64
ZZZZZZ	86748	8.72	473326	10.42	395484	14.65
ZZZZZZ	78315	8.70	433464	10.40	364955	14.64
ZZZZZZ	73392	8.70	402702	10.40	340092	14.64
VW862-SCC	97342	8.69	474107	10.39	363861	14.63

IS 1 = Bromochloromethane
IS 2 = 1,4-Difluorobenzene
IS 3 = Chlorobenzene-D5

(a) Upper Limit = +40% of check standard area; Retention time +0.33 minutes.
(b) Lower Limit = -40% of check standard area; Retention time -0.33 minutes.

QC SUMMARY FORMS
SAMPLE SVP-3 (2/25/09)

Method Blank Summary

Job Number: JA12930
Account: CARICH C. A. Rich Consultants
Project: Via Verde, 700-730 Brook Avenue, Bronx, NY

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
V3W420-MB	3W10147.D	1	03/04/09	BR	n/a	n/a	V3W420

The QC reported here applies to the following samples: **Method:** TO-15

JA12930-1

CAS No.	Compound	Result	RL	Units	Q	Result	RL	Units
67-64-1	Acetone	ND	0.20	ppbv		ND	0.48	ug/m3
106-99-0	1,3-Butadiene	ND	0.20	ppbv		ND	0.44	ug/m3
71-43-2	Benzene	ND	0.20	ppbv		ND	0.64	ug/m3
75-27-4	Bromodichloromethane	ND	0.20	ppbv		ND	1.3	ug/m3
75-25-2	Bromoform	ND	0.20	ppbv		ND	2.1	ug/m3
74-83-9	Bromomethane	ND	0.20	ppbv		ND	0.78	ug/m3
593-60-2	Bromoethene	ND	0.20	ppbv		ND	0.87	ug/m3
100-44-7	Benzyl Chloride	ND	0.20	ppbv		ND	1.0	ug/m3
75-15-0	Carbon disulfide	ND	0.20	ppbv		ND	0.62	ug/m3
108-90-7	Chlorobenzene	ND	0.20	ppbv		ND	0.92	ug/m3
75-00-3	Chloroethane	ND	0.20	ppbv		ND	0.53	ug/m3
67-66-3	Chloroform	ND	0.20	ppbv		ND	0.98	ug/m3
74-87-3	Chloromethane	ND	0.20	ppbv		ND	0.41	ug/m3
107-05-1	3-Chloropropene	ND	0.20	ppbv		ND	0.63	ug/m3
95-49-8	2-Chlorotoluene	ND	0.20	ppbv		ND	1.0	ug/m3
56-23-5	Carbon tetrachloride	ND	0.20	ppbv		ND	1.3	ug/m3
110-82-7	Cyclohexane	ND	0.20	ppbv		ND	0.69	ug/m3
75-34-3	1,1-Dichloroethane	ND	0.20	ppbv		ND	0.81	ug/m3
75-35-4	1,1-Dichloroethylene	ND	0.20	ppbv		ND	0.79	ug/m3
106-93-4	1,2-Dibromoethane	ND	0.20	ppbv		ND	1.5	ug/m3
107-06-2	1,2-Dichloroethane	ND	0.20	ppbv		ND	0.81	ug/m3
78-87-5	1,2-Dichloropropane	ND	0.20	ppbv		ND	0.92	ug/m3
123-91-1	1,4-Dioxane	ND	0.20	ppbv		ND	0.72	ug/m3
75-71-8	Dichlorodifluoromethane	ND	0.20	ppbv		ND	0.99	ug/m3
124-48-1	Dibromochloromethane	ND	0.20	ppbv		ND	1.7	ug/m3
156-60-5	trans-1,2-Dichloroethylene	ND	0.20	ppbv		ND	0.79	ug/m3
156-59-2	cis-1,2-Dichloroethylene	ND	0.20	ppbv		ND	0.79	ug/m3
10061-01-5	cis-1,3-Dichloropropene	ND	0.20	ppbv		ND	0.91	ug/m3
541-73-1	m-Dichlorobenzene	ND	0.20	ppbv		ND	1.2	ug/m3
95-50-1	o-Dichlorobenzene	ND	0.20	ppbv		ND	1.2	ug/m3
106-46-7	p-Dichlorobenzene	ND	0.20	ppbv		ND	1.2	ug/m3
10061-02-6	trans-1,3-Dichloropropene	ND	0.20	ppbv		ND	0.91	ug/m3
64-17-5	Ethanol	ND	0.50	ppbv		ND	0.94	ug/m3
100-41-4	Ethylbenzene	ND	0.20	ppbv		ND	0.87	ug/m3
141-78-6	Ethyl Acetate	ND	0.20	ppbv		ND	0.72	ug/m3
622-96-8	4-Ethyltoluene	ND	0.20	ppbv		ND	0.98	ug/m3

Method Blank Summary

Job Number: JA12930
Account: CARICH C. A. Rich Consultants
Project: Via Verde, 700-730 Brook Avenue, Bronx, NY

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
V3W420-MB	3W10147.D	1	03/04/09	BR	n/a	n/a	V3W420

The QC reported here applies to the following samples: **Method:** TO-15

JA12930-1

CAS No.	Compound	Result	RL	Units	Q	Result	RL	Units
76-13-1	Freon 113	ND	0.20	ppbv		ND	1.5	ug/m3
76-14-2	Freon 114	ND	0.20	ppbv		ND	1.4	ug/m3
142-82-5	Heptane	ND	0.20	ppbv		ND	0.82	ug/m3
87-68-3	Hexachlorobutadiene	ND	0.20	ppbv		ND	2.1	ug/m3
110-54-3	Hexane	ND	0.20	ppbv		ND	0.70	ug/m3
591-78-6	2-Hexanone	ND	0.20	ppbv		ND	0.82	ug/m3
67-63-0	Isopropyl Alcohol	ND	0.20	ppbv		ND	0.49	ug/m3
75-09-2	Methylene chloride	ND	0.20	ppbv		ND	0.69	ug/m3
78-93-3	Methyl ethyl ketone	ND	0.20	ppbv		ND	0.59	ug/m3
108-10-1	Methyl Isobutyl Ketone	ND	0.20	ppbv		ND	0.82	ug/m3
1634-04-4	Methyl Tert Butyl Ether	ND	0.20	ppbv		ND	0.72	ug/m3
115-07-1	Propylene	ND	0.50	ppbv		ND	0.86	ug/m3
100-42-5	Styrene	ND	0.20	ppbv		ND	0.85	ug/m3
71-55-6	1,1,1-Trichloroethane	ND	0.20	ppbv		ND	1.1	ug/m3
79-34-5	1,1,2,2-Tetrachloroethane	ND	0.20	ppbv		ND	1.4	ug/m3
79-00-5	1,1,2-Trichloroethane	ND	0.20	ppbv		ND	1.1	ug/m3
120-82-1	1,2,4-Trichlorobenzene	ND	0.20	ppbv		ND	1.5	ug/m3
95-63-6	1,2,4-Trimethylbenzene	ND	0.20	ppbv		ND	0.98	ug/m3
108-67-8	1,3,5-Trimethylbenzene	ND	0.20	ppbv		ND	0.98	ug/m3
540-84-1	2,2,4-Trimethylpentane	ND	0.20	ppbv		ND	0.93	ug/m3
75-65-0	Tertiary Butyl Alcohol	ND	0.20	ppbv		ND	0.61	ug/m3
127-18-4	Tetrachloroethylene	ND	0.20	ppbv		ND	1.4	ug/m3
109-99-9	Tetrahydrofuran	ND	0.20	ppbv		ND	0.59	ug/m3
108-88-3	Toluene	ND	0.20	ppbv		ND	0.75	ug/m3
79-01-6	Trichloroethylene	ND	0.20	ppbv		ND	1.1	ug/m3
75-69-4	Trichlorofluoromethane	ND	0.20	ppbv		ND	1.1	ug/m3
75-01-4	Vinyl chloride	ND	0.20	ppbv		ND	0.51	ug/m3
108-05-4	Vinyl Acetate	ND	0.20	ppbv		ND	0.70	ug/m3
	m,p-Xylene	ND	0.20	ppbv		ND	0.87	ug/m3
95-47-6	o-Xylene	ND	0.20	ppbv		ND	0.87	ug/m3
1330-20-7	Xylenes (total)	ND	0.20	ppbv		ND	0.87	ug/m3

CAS No.	Surrogate Recoveries		Limits
460-00-4	4-Bromofluorobenzene	87%	78-124%

Method Blank Summary

Job Number: JA12930
Account: CARICH C. A. Rich Consultants
Project: Via Verde, 700-730 Brook Avenue, Bronx, NY

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
V3W420-MB	3W10147.D	1	03/04/09	BR	n/a	n/a	V3W420

The QC reported here applies to the following samples: **Method:**

JA12930-1

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

Method Blank Summary

Job Number: JA12930
Account: CARICH C. A. Rich Consultants
Project: Via Verde, 700-730 Brook Avenue, Bronx, NY

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
V2W949-MB	2W22088.D	1	02/16/09	YMH	n/a	n/a	V2W949

The QC reported here applies to the following samples: **Method:** TO-15

V2W949-SCC

CAS No.	Compound	Result	RL	Units	Q	Result	RL	Units
67-64-1	Acetone	ND	0.20	ppbv		ND	0.48	ug/m3
106-99-0	1,3-Butadiene	ND	0.20	ppbv		ND	0.44	ug/m3
71-43-2	Benzene	ND	0.20	ppbv		ND	0.64	ug/m3
75-27-4	Bromodichloromethane	ND	0.20	ppbv		ND	1.3	ug/m3
75-25-2	Bromoform	ND	0.20	ppbv		ND	2.1	ug/m3
74-83-9	Bromomethane	ND	0.20	ppbv		ND	0.78	ug/m3
593-60-2	Bromoethene	ND	0.20	ppbv		ND	0.87	ug/m3
100-44-7	Benzyl Chloride	ND	0.20	ppbv		ND	1.0	ug/m3
75-15-0	Carbon disulfide	ND	0.20	ppbv		ND	0.62	ug/m3
108-90-7	Chlorobenzene	ND	0.20	ppbv		ND	0.92	ug/m3
75-00-3	Chloroethane	ND	0.20	ppbv		ND	0.53	ug/m3
67-66-3	Chloroform	ND	0.20	ppbv		ND	0.98	ug/m3
74-87-3	Chloromethane	ND	0.20	ppbv		ND	0.41	ug/m3
107-05-1	3-Chloropropene	ND	0.20	ppbv		ND	0.63	ug/m3
95-49-8	2-Chlorotoluene	ND	0.20	ppbv		ND	1.0	ug/m3
56-23-5	Carbon tetrachloride	ND	0.20	ppbv		ND	1.3	ug/m3
110-82-7	Cyclohexane	ND	0.20	ppbv		ND	0.69	ug/m3
75-34-3	1,1-Dichloroethane	ND	0.20	ppbv		ND	0.81	ug/m3
75-35-4	1,1-Dichloroethylene	ND	0.20	ppbv		ND	0.79	ug/m3
106-93-4	1,2-Dibromoethane	ND	0.20	ppbv		ND	1.5	ug/m3
107-06-2	1,2-Dichloroethane	ND	0.20	ppbv		ND	0.81	ug/m3
78-87-5	1,2-Dichloropropane	ND	0.20	ppbv		ND	0.92	ug/m3
123-91-1	1,4-Dioxane	ND	0.20	ppbv		ND	0.72	ug/m3
75-71-8	Dichlorodifluoromethane	ND	0.20	ppbv		ND	0.99	ug/m3
124-48-1	Dibromochloromethane	ND	0.20	ppbv		ND	1.7	ug/m3
156-60-5	trans-1,2-Dichloroethylene	ND	0.20	ppbv		ND	0.79	ug/m3
156-59-2	cis-1,2-Dichloroethylene	ND	0.20	ppbv		ND	0.79	ug/m3
10061-01-5	cis-1,3-Dichloropropene	ND	0.20	ppbv		ND	0.91	ug/m3
541-73-1	m-Dichlorobenzene	ND	0.20	ppbv		ND	1.2	ug/m3
95-50-1	o-Dichlorobenzene	ND	0.20	ppbv		ND	1.2	ug/m3
106-46-7	p-Dichlorobenzene	ND	0.20	ppbv		ND	1.2	ug/m3
10061-02-6	trans-1,3-Dichloropropene	ND	0.20	ppbv		ND	0.91	ug/m3
64-17-5	Ethanol	ND	0.50	ppbv		ND	0.94	ug/m3
100-41-4	Ethylbenzene	ND	0.20	ppbv		ND	0.87	ug/m3
141-78-6	Ethyl Acetate	ND	0.20	ppbv		ND	0.72	ug/m3
622-96-8	4-Ethyltoluene	ND	0.20	ppbv		ND	0.98	ug/m3

Method Blank Summary

Job Number: JA12930
Account: CARICH C. A. Rich Consultants
Project: Via Verde, 700-730 Brook Avenue, Bronx, NY

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
V2W949-MB	2W22088.D	1	02/16/09	YMH	n/a	n/a	V2W949

The QC reported here applies to the following samples: **Method:** TO-15

V2W949-SCC

CAS No.	Compound	Result	RL	Units	Q	Result	RL	Units
76-13-1	Freon 113	ND	0.20	ppbv		ND	1.5	ug/m3
76-14-2	Freon 114	ND	0.20	ppbv		ND	1.4	ug/m3
142-82-5	Heptane	ND	0.20	ppbv		ND	0.82	ug/m3
87-68-3	Hexachlorobutadiene	ND	0.20	ppbv		ND	2.1	ug/m3
110-54-3	Hexane	ND	0.20	ppbv		ND	0.70	ug/m3
591-78-6	2-Hexanone	ND	0.20	ppbv		ND	0.82	ug/m3
67-63-0	Isopropyl Alcohol	ND	0.20	ppbv		ND	0.49	ug/m3
75-09-2	Methylene chloride	ND	0.20	ppbv		ND	0.69	ug/m3
78-93-3	Methyl ethyl ketone	ND	0.20	ppbv		ND	0.59	ug/m3
108-10-1	Methyl Isobutyl Ketone	ND	0.20	ppbv		ND	0.82	ug/m3
1634-04-4	Methyl Tert Butyl Ether	ND	0.20	ppbv		ND	0.72	ug/m3
115-07-1	Propylene	ND	0.50	ppbv		ND	0.86	ug/m3
100-42-5	Styrene	ND	0.20	ppbv		ND	0.85	ug/m3
71-55-6	1,1,1-Trichloroethane	ND	0.20	ppbv		ND	1.1	ug/m3
79-34-5	1,1,2,2-Tetrachloroethane	ND	0.20	ppbv		ND	1.4	ug/m3
79-00-5	1,1,2-Trichloroethane	ND	0.20	ppbv		ND	1.1	ug/m3
120-82-1	1,2,4-Trichlorobenzene	ND	0.20	ppbv		ND	1.5	ug/m3
95-63-6	1,2,4-Trimethylbenzene	ND	0.20	ppbv		ND	0.98	ug/m3
108-67-8	1,3,5-Trimethylbenzene	ND	0.20	ppbv		ND	0.98	ug/m3
540-84-1	2,2,4-Trimethylpentane	ND	0.20	ppbv		ND	0.93	ug/m3
75-65-0	Tertiary Butyl Alcohol	ND	0.20	ppbv		ND	0.61	ug/m3
127-18-4	Tetrachloroethylene	ND	0.20	ppbv		ND	1.4	ug/m3
109-99-9	Tetrahydrofuran	ND	0.20	ppbv		ND	0.59	ug/m3
108-88-3	Toluene	ND	0.20	ppbv		ND	0.75	ug/m3
79-01-6	Trichloroethylene	ND	0.20	ppbv		ND	1.1	ug/m3
75-69-4	Trichlorofluoromethane	ND	0.20	ppbv		ND	1.1	ug/m3
75-01-4	Vinyl chloride	ND	0.20	ppbv		ND	0.51	ug/m3
108-05-4	Vinyl Acetate	ND	0.20	ppbv		ND	0.70	ug/m3
	m,p-Xylene	ND	0.20	ppbv		ND	0.87	ug/m3
95-47-6	o-Xylene	ND	0.20	ppbv		ND	0.87	ug/m3
1330-20-7	Xylenes (total)	ND	0.20	ppbv		ND	0.87	ug/m3

CAS No.	Surrogate Recoveries		Limits
460-00-4	4-Bromofluorobenzene	91%	78-124%

Method Blank Summary

Job Number: JA12930
Account: CARICH C. A. Rich Consultants
Project: Via Verde, 700-730 Brook Avenue, Bronx, NY

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
V2W949-MB	2W22088.D	1	02/16/09	YMH	n/a	n/a	V2W949

The QC reported here applies to the following samples: **Method:**

V2W949-SCC

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

Blank Spike/Blank Spike Duplicate Summary

Job Number: JA12930
Account: CARICH C. A. Rich Consultants
Project: Via Verde, 700-730 Brook Avenue, Bronx, NY

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
V3W420-BS	3W10145.D	1	03/04/09	BR	n/a	n/a	V3W420
V3W420-BSD	3W10146.D	1	03/04/09	BR	n/a	n/a	V3W420

The QC reported here applies to the following samples: **Method:** TO-15

JA12930-1

CAS No.	Compound	Spike ppbv	BSP ppbv	BSP %	BSD ppbv	BSD %	RPD	Limits Rec/RPD
67-64-1	Acetone	10	9.2	92	9.7	97	5	70-130/30
106-99-0	1,3-Butadiene	10	10.2	102	10	100	2	70-130/30
71-43-2	Benzene	10	8.5	85	8.7	87	2	70-130/30
75-27-4	Bromodichloromethane	10	9.2	92	9.4	94	2	70-130/30
75-25-2	Bromoform	10	9.4	94	9.8	98	4	70-130/30
74-83-9	Bromomethane	10	8.8	88	8.6	86	2	70-130/30
593-60-2	Bromoethene	10	9.7	97	9.6	96	1	70-130/30
100-44-7	Benzyl Chloride	10	9.2	92	9.6	96	4	70-130/30
75-15-0	Carbon disulfide	10	9.0	90	9.0	90	0	70-130/30
108-90-7	Chlorobenzene	10	8.2	82	8.6	86	5	70-130/30
75-00-3	Chloroethane	10	8.8	88	8.8	88	0	70-130/30
67-66-3	Chloroform	10	8.8	88	9.1	91	3	70-130/30
74-87-3	Chloromethane	10	11.9	119	11.3	113	5	70-130/30
107-05-1	3-Chloropropene	10	9.8	98	10.0	100	2	70-130/30
95-49-8	2-Chlorotoluene	10	9.0	90	9.3	93	3	70-130/30
56-23-5	Carbon tetrachloride	10	8.7	87	9.0	90	3	70-130/30
110-82-7	Cyclohexane	10	8.8	88	8.9	89	1	70-130/30
75-34-3	1,1-Dichloroethane	10	9.0	90	9.2	92	2	70-130/30
75-35-4	1,1-Dichloroethylene	10	8.5	85	8.6	86	1	70-130/30
106-93-4	1,2-Dibromoethane	10	8.6	86	8.9	89	3	70-130/30
107-06-2	1,2-Dichloroethane	10	9.0	90	9.2	92	2	70-130/30
78-87-5	1,2-Dichloropropane	10	8.5	85	8.6	86	1	70-130/30
123-91-1	1,4-Dioxane	10	8.1	81	8.9	89	9	70-130/30
75-71-8	Dichlorodifluoromethane	10	9.5	95	8.9	89	7	70-130/30
124-48-1	Dibromochloromethane	10	9.2	92	9.6	96	4	70-130/30
156-60-5	trans-1,2-Dichloroethylene	10	8.5	85	8.8	88	3	70-130/30
156-59-2	cis-1,2-Dichloroethylene	10	8.4	84	8.9	89	6	70-130/30
10061-01-5	cis-1,3-Dichloropropene	10	9.0	90	9.3	93	3	70-130/30
541-73-1	m-Dichlorobenzene	10	8.6	86	8.8	88	2	70-130/30
95-50-1	o-Dichlorobenzene	10	8.2	82	8.6	86	5	70-130/30
106-46-7	p-Dichlorobenzene	10	8.6	86	8.8	88	2	70-130/30
10061-02-6	trans-1,3-Dichloropropene	10	9.3	93	9.5	95	2	70-130/30
64-17-5	Ethanol	10	8.7	87	9.1	91	4	70-130/30
100-41-4	Ethylbenzene	10	8.2	82	8.6	86	5	70-130/30
141-78-6	Ethyl Acetate	10	8.0	80	9.1	91	13	70-130/30
622-96-8	4-Ethyltoluene	10	8.6	86	9.1	91	6	70-130/30

Blank Spike/Blank Spike Duplicate Summary

Job Number: JA12930
Account: CARICH C. A. Rich Consultants
Project: Via Verde, 700-730 Brook Avenue, Bronx, NY

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
V3W420-BS	3W10145.D	1	03/04/09	BR	n/a	n/a	V3W420
V3W420-BSD	3W10146.D	1	03/04/09	BR	n/a	n/a	V3W420

The QC reported here applies to the following samples: **Method:** TO-15

JA12930-1

CAS No.	Compound	Spike ppbv	BSP ppbv	BSP %	BSD ppbv	BSD %	RPD	Limits Rec/RPD
76-13-1	Freon 113	10	8.5	85	8.7	87	2	70-130/30
76-14-2	Freon 114	10	9.4	94	9.0	90	4	70-130/30
142-82-5	Heptane	10	9.0	90	9.1	91	1	70-130/30
87-68-3	Hexachlorobutadiene	10	8.9	89	8.8	88	1	70-130/30
110-54-3	Hexane	10	8.9	89	9.1	91	2	70-130/30
591-78-6	2-Hexanone	10	8.0	80	8.6	86	7	70-130/30
67-63-0	Isopropyl Alcohol	10	8.1	81	8.5	85	5	70-130/30
75-09-2	Methylene chloride	10	8.1	81	8.3	83	2	70-130/30
78-93-3	Methyl ethyl ketone	10	8.0	80	8.8	88	10	70-130/30
108-10-1	Methyl Isobutyl Ketone	10	8.2	82	8.7	87	6	70-130/30
1634-04-4	Methyl Tert Butyl Ether	10	7.9	79	8.5	85	7	70-130/30
115-07-1	Propylene	10	10.2	102	9.4	94	8	70-130/30
100-42-5	Styrene	10	8.8	88	9.3	93	6	70-130/30
71-55-6	1,1,1-Trichloroethane	10	8.8	88	9.1	91	3	70-130/30
79-34-5	1,1,2,2-Tetrachloroethane	10	8.7	87	9.1	91	4	70-130/30
79-00-5	1,1,2-Trichloroethane	10	8.8	88	9.0	90	2	70-130/30
120-82-1	1,2,4-Trichlorobenzene	10	7.8	78	7.9	79	1	70-130/30
95-63-6	1,2,4-Trimethylbenzene	10	8.3	83	8.8	88	6	70-130/30
108-67-8	1,3,5-Trimethylbenzene	10	8.3	83	8.7	87	5	70-130/30
540-84-1	2,2,4-Trimethylpentane	10	9.1	91	9.4	94	3	70-130/30
75-65-0	Tertiary Butyl Alcohol	10	7.6	76	8.1	81	6	70-130/30
127-18-4	Tetrachloroethylene	10	7.9	79	8.4	84	6	70-130/30
109-99-9	Tetrahydrofuran	10	8.2	82	8.9	89	8	70-130/30
108-88-3	Toluene	10	8.5	85	8.8	88	3	70-130/30
79-01-6	Trichloroethylene	10	8.3	83	8.5	85	2	70-130/30
75-69-4	Trichlorofluoromethane	10	9.0	90	8.8	88	2	70-130/30
75-01-4	Vinyl chloride	10	9.8	98	9.5	95	3	70-130/30
108-05-4	Vinyl Acetate	10	8.7	87	9.3	93	7	70-130/30
	m,p-Xylene	20	16.6	83	17.4	87	5	70-130/30
95-47-6	o-Xylene	10	8.4	84	8.9	89	6	70-130/30
1330-20-7	Xylenes (total)	30	25.0	83	26.3	88	5	70-130/30

CAS No.	Surrogate Recoveries	BSP	BSD	Limits
460-00-4	4-Bromofluorobenzene	109%	106%	78-124%

Blank Spike/Blank Spike Duplicate Summary

Job Number: JA12930
Account: CARICH C. A. Rich Consultants
Project: Via Verde, 700-730 Brook Avenue, Bronx, NY

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
V2W949-BS	2W22085.D	1	02/16/09	YMH	n/a	n/a	V2W949
V2W949-BSD	2W22086.D	1	02/16/09	YMH	n/a	n/a	V2W949

The QC reported here applies to the following samples: **Method:** TO-15

V2W949-SCC

CAS No.	Compound	Spike ppbv	BSP ppbv	BSP %	BSD ppbv	BSD %	RPD	Limits Rec/RPD
67-64-1	Acetone	10	10.1	101	10.1	101	0	70-130/30
106-99-0	1,3-Butadiene	10	9.8	98	9.8	98	0	70-130/30
71-43-2	Benzene	10	10.4	104	10.3	103	1	70-130/30
75-27-4	Bromodichloromethane	10	11.1	111	11.0	110	1	70-130/30
75-25-2	Bromoform	10	10.2	102	10.2	102	0	70-130/30
74-83-9	Bromomethane	10	9.9	99	9.8	98	1	70-130/30
593-60-2	Bromoethene	10	10.7	107	10.7	107	0	70-130/30
100-44-7	Benzyl Chloride	10	10.5	105	10.6	106	1	70-130/30
75-15-0	Carbon disulfide	10	10.0	100	10.0	100	0	70-130/30
108-90-7	Chlorobenzene	10	9.8	98	9.7	97	1	70-130/30
75-00-3	Chloroethane	10	10.3	103	10.2	102	1	70-130/30
67-66-3	Chloroform	10	10.5	105	10.4	104	1	70-130/30
74-87-3	Chloromethane	10	9.7	97	9.6	96	1	70-130/30
107-05-1	3-Chloropropene	10	10.9	109	10.9	109	0	70-130/30
95-49-8	2-Chlorotoluene	10	10.9	109	10.8	108	1	70-130/30
56-23-5	Carbon tetrachloride	10	10.7	107	10.5	105	2	70-130/30
110-82-7	Cyclohexane	10	10.2	102	10.1	101	1	70-130/30
75-34-3	1,1-Dichloroethane	10	10.6	106	10.6	106	0	70-130/30
75-35-4	1,1-Dichloroethylene	10	9.9	99	9.8	98	1	70-130/30
106-93-4	1,2-Dibromoethane	10	9.8	98	9.7	97	1	70-130/30
107-06-2	1,2-Dichloroethane	10	11.6	116	11.4	114	2	70-130/30
78-87-5	1,2-Dichloropropane	10	10.8	108	10.6	106	2	70-130/30
123-91-1	1,4-Dioxane	10	9.4	94	9.6	96	2	70-130/30
75-71-8	Dichlorodifluoromethane	10	10.3	103	10.2	102	1	70-130/30
124-48-1	Dibromochloromethane	10	10.5	105	10.4	104	1	70-130/30
156-60-5	trans-1,2-Dichloroethylene	10	9.8	98	9.9	99	1	70-130/30
156-59-2	cis-1,2-Dichloroethylene	10	9.8	98	9.9	99	1	70-130/30
10061-01-5	cis-1,3-Dichloropropene	10	11.1	111	10.9	109	2	70-130/30
541-73-1	m-Dichlorobenzene	10	9.5	95	9.5	95	0	70-130/30
95-50-1	o-Dichlorobenzene	10	9.6	96	9.5	95	1	70-130/30
106-46-7	p-Dichlorobenzene	10	9.3	93	9.2	92	1	70-130/30
10061-02-6	trans-1,3-Dichloropropene	10	11.5	115	11.2	112	3	70-130/30
64-17-5	Ethanol	10	10.0	100	10.1	101	1	70-130/30
100-41-4	Ethylbenzene	10	9.9	99	9.8	98	1	70-130/30
141-78-6	Ethyl Acetate	10	10.7	107	10.1	101	6	70-130/30
622-96-8	4-Ethyltoluene	10	10.3	103	10.1	101	2	70-130/30

Blank Spike/Blank Spike Duplicate Summary

Job Number: JA12930
Account: CARICH C. A. Rich Consultants
Project: Via Verde, 700-730 Brook Avenue, Bronx, NY

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
V2W949-BS	2W22085.D	1	02/16/09	YMH	n/a	n/a	V2W949
V2W949-BSD	2W22086.D	1	02/16/09	YMH	n/a	n/a	V2W949

The QC reported here applies to the following samples: **Method:** TO-15

V2W949-SCC

CAS No.	Compound	Spike ppbv	BSP ppbv	BSP %	BSD ppbv	BSD %	RPD	Limits Rec/RPD
76-13-1	Freon 113	10	9.9	99	9.8	98	1	70-130/30
76-14-2	Freon 114	10	9.6	96	9.6	96	0	70-130/30
142-82-5	Heptane	10	11.4	114	11.3	113	1	70-130/30
87-68-3	Hexachlorobutadiene	10	9.4	94	9.6	96	2	70-130/30
110-54-3	Hexane	10	10.8	108	10.7	107	1	70-130/30
591-78-6	2-Hexanone	10	9.3	93	9.5	95	2	70-130/30
67-63-0	Isopropyl Alcohol	10	10.5	105	10.7	107	2	70-130/30
75-09-2	Methylene chloride	10	9.3	93	9.3	93	0	70-130/30
78-93-3	Methyl ethyl ketone	10	9.9	99	10.2	102	3	70-130/30
108-10-1	Methyl Isobutyl Ketone	10	10.9	109	10.9	109	0	70-130/30
1634-04-4	Methyl Tert Butyl Ether	10	10	100	10	100	0	70-130/30
115-07-1	Propylene	10	10.1	101	9.9	99	2	70-130/30
100-42-5	Styrene	10	9.8	98	9.7	97	1	70-130/30
71-55-6	1,1,1-Trichloroethane	10	10.7	107	10.6	106	1	70-130/30
79-34-5	1,1,2,2-Tetrachloroethane	10	9.8	98	9.7	97	1	70-130/30
79-00-5	1,1,2-Trichloroethane	10	10.6	106	10.5	105	1	70-130/30
120-82-1	1,2,4-Trichlorobenzene	10	8.5	85	9.0	90	6	70-130/30
95-63-6	1,2,4-Trimethylbenzene	10	10	100	9.9	99	1	70-130/30
108-67-8	1,3,5-Trimethylbenzene	10	9.5	95	9.6	96	1	70-130/30
540-84-1	2,2,4-Trimethylpentane	10	10.9	109	10.8	108	1	70-130/30
75-65-0	Tertiary Butyl Alcohol	10	9.3	93	9.4	94	1	70-130/30
127-18-4	Tetrachloroethylene	10	9.3	93	9.2	92	1	70-130/30
109-99-9	Tetrahydrofuran	10	11.2	112	11.3	113	1	70-130/30
108-88-3	Toluene	10	10.5	105	10.3	103	2	70-130/30
79-01-6	Trichloroethylene	10	10.1	101	10	100	1	70-130/30
75-69-4	Trichlorofluoromethane	10	10.5	105	10.4	104	1	70-130/30
75-01-4	Vinyl chloride	10	9.9	99	9.8	98	1	70-130/30
108-05-4	Vinyl Acetate	10	10.4	104	10.3	103	1	70-130/30
	m,p-Xylene	20	19.4	97	19.2	96	1	70-130/30
95-47-6	o-Xylene	10	9.7	97	9.6	96	1	70-130/30
1330-20-7	Xylenes (total)	30	29.1	97	28.8	96	1	70-130/30

CAS No.	Surrogate Recoveries	BSP	BSD	Limits
460-00-4	4-Bromofluorobenzene	111%	110%	78-124%

Duplicate Summary

Job Number: JA12930
Account: CARICH C. A. Rich Consultants
Project: Via Verde, 700-730 Brook Avenue, Bronx, NY

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
JA12893-3RDUP	3W10155.D	1	03/04/09	BR	n/a	n/a	V3W420
JA12893-3R	3W10154.D	1	03/04/09	BR	n/a	n/a	V3W420

The QC reported here applies to the following samples: **Method:** TO-15

JA12930-1

CAS No.	Compound	JA12893-3R ppbv	Q	DUP ppbv	Q	RPD	Limits
67-64-1	Acetone	5.1		5.1		0	24
106-99-0	1,3-Butadiene	ND		ND		nc	10
71-43-2	Benzene	0.80		0.80		0	14
75-27-4	Bromodichloromethane	ND		ND		nc	10
75-25-2	Bromoform	ND		ND		nc	10
74-83-9	Bromomethane	ND		ND		nc	10
593-60-2	Bromoethene	ND		ND		nc	10
100-44-7	Benzyl Chloride	ND		ND		nc	10
75-15-0	Carbon disulfide	ND		ND		nc	11
108-90-7	Chlorobenzene	ND		ND		nc	10
75-00-3	Chloroethane	ND		ND		nc	10
67-66-3	Chloroform	ND		ND		nc	12
74-87-3	Chloromethane	0.57		0.59		3	20
107-05-1	3-Chloropropene	ND		ND		nc	10
95-49-8	2-Chlorotoluene	ND		ND		nc	10
56-23-5	Carbon tetrachloride	ND		ND		nc	10
110-82-7	Cyclohexane	ND		ND		nc	30
75-34-3	1,1-Dichloroethane	ND		ND		nc	10
75-35-4	1,1-Dichloroethylene	ND		ND		nc	10
106-93-4	1,2-Dibromoethane	ND		ND		nc	10
107-06-2	1,2-Dichloroethane	ND		ND		nc	10
78-87-5	1,2-Dichloropropane	ND		ND		nc	10
123-91-1	1,4-Dioxane	ND		ND		nc	10
75-71-8	Dichlorodifluoromethane	0.51		0.53		4	28
124-48-1	Dibromochloromethane	ND		ND		nc	10
156-60-5	trans-1,2-Dichloroethylene	ND		ND		nc	10
156-59-2	cis-1,2-Dichloroethylene	ND		ND		nc	10
10061-01-5	cis-1,3-Dichloropropene	ND		ND		nc	10
541-73-1	m-Dichlorobenzene	ND		ND		nc	10
95-50-1	o-Dichlorobenzene	ND		ND		nc	10
106-46-7	p-Dichlorobenzene	ND		ND		nc	10
10061-02-6	trans-1,3-Dichloropropene	ND		ND		nc	10
64-17-5	Ethanol	8.4		8.9		6	22
100-41-4	Ethylbenzene	0.21		0.21		0	17
141-78-6	Ethyl Acetate	ND		ND		nc	10
622-96-8	4-Ethyltoluene	ND		ND		nc	14

Duplicate Summary

Job Number: JA12930
Account: CARICH C. A. Rich Consultants
Project: Via Verde, 700-730 Brook Avenue, Bronx, NY

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
JA12893-3RDUP	3W10155.D	1	03/04/09	BR	n/a	n/a	V3W420
JA12893-3R	3W10154.D	1	03/04/09	BR	n/a	n/a	V3W420

The QC reported here applies to the following samples: **Method:** TO-15

JA12930-1

CAS No.	Compound	JA12893-3R ppbv	Q	DUP ppbv	Q	RPD	Limits
76-13-1	Freon 113	ND		ND		nc	15
76-14-2	Freon 114	ND		ND		nc	10
142-82-5	Heptane	0.26		0.27		4	20
87-68-3	Hexachlorobutadiene	ND		ND		nc	10
110-54-3	Hexane	0.57		0.55		4	16
591-78-6	2-Hexanone	ND		ND		nc	10
67-63-0	Isopropyl Alcohol	0.97		1.0		3	14
75-09-2	Methylene chloride	0.51		0.52		2	30
78-93-3	Methyl ethyl ketone	0.91		0.92		1	21
108-10-1	Methyl Isobutyl Ketone	ND		ND		nc	10
1634-04-4	Methyl Tert Butyl Ether	ND		ND		nc	16
115-07-1	Propylene	ND		ND		nc	10
100-42-5	Styrene	ND		ND		nc	10
71-55-6	1,1,1-Trichloroethane	ND		ND		nc	10
79-34-5	1,1,2,2-Tetrachloroethane	ND		ND		nc	10
79-00-5	1,1,2-Trichloroethane	ND		ND		nc	10
120-82-1	1,2,4-Trichlorobenzene	ND		ND		nc	10
95-63-6	1,2,4-Trimethylbenzene	0.17	J	0.16	J	6	15
108-67-8	1,3,5-Trimethylbenzene	ND		ND		nc	12
540-84-1	2,2,4-Trimethylpentane	ND		ND		nc	10
75-65-0	Tertiary Butyl Alcohol	ND		ND		nc	28
127-18-4	Tetrachloroethylene	0.15	J	0.15	J	0	12
109-99-9	Tetrahydrofuran	ND		ND		nc	14
108-88-3	Toluene	1.6		1.6		0	13
79-01-6	Trichloroethylene	0.76		0.75		1	10
75-69-4	Trichlorofluoromethane	0.25		0.25		0	21
75-01-4	Vinyl chloride	ND		ND		nc	10
108-05-4	Vinyl Acetate	ND		ND		nc	10
	m,p-Xylene	0.63		0.62		2	18
95-47-6	o-Xylene	0.22		0.21		5	16
1330-20-7	Xylenes (total)	0.85		0.83		2	16

CAS No.	Surrogate Recoveries	DUP	JA12893-3R	Limits
460-00-4	4-Bromofluorobenzene	91%	91%	78-124%

Summa Cleaning Certification

Job Number: JA12930
Account: CARICH C. A. Rich Consultants
Project: Via Verde, 700-730 Brook Avenue, Bronx, NY

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
V2W949-SCC	2W22114.D	1	02/17/09	YMH	n/a	n/a	V2W949

The QC reported here (Summa A631) applies to the following samples: **Method:** TO-15

Batch CP3254 cleaned 02/13/09: JA12930-1(A231)

CAS No.	Compound	Result	RL	MDL	Units	Q	Result	RL	Units
67-64-1	Acetone	ND	0.20	0.044	ppbv		ND	0.48	ug/m3
106-99-0	1,3-Butadiene	ND	0.20	0.054	ppbv		ND	0.44	ug/m3
71-43-2	Benzene	ND	0.20	0.017	ppbv		ND	0.64	ug/m3
75-27-4	Bromodichloromethane	ND	0.20	0.023	ppbv		ND	1.3	ug/m3
75-25-2	Bromoform	ND	0.20	0.029	ppbv		ND	2.1	ug/m3
74-83-9	Bromomethane	ND	0.20	0.031	ppbv		ND	0.78	ug/m3
593-60-2	Bromoethene	ND	0.20	0.032	ppbv		ND	0.87	ug/m3
100-44-7	Benzyl Chloride	ND	0.20	0.037	ppbv		ND	1.0	ug/m3
75-15-0	Carbon disulfide	ND	0.20	0.018	ppbv		ND	0.62	ug/m3
108-90-7	Chlorobenzene	ND	0.20	0.028	ppbv		ND	0.92	ug/m3
75-00-3	Chloroethane	ND	0.20	0.026	ppbv		ND	0.53	ug/m3
67-66-3	Chloroform	ND	0.20	0.021	ppbv		ND	0.98	ug/m3
74-87-3	Chloromethane	ND	0.20	0.039	ppbv		ND	0.41	ug/m3
107-05-1	3-Chloropropene	ND	0.20	0.029	ppbv		ND	0.63	ug/m3
95-49-8	2-Chlorotoluene	ND	0.20	0.022	ppbv		ND	1.0	ug/m3
56-23-5	Carbon tetrachloride	ND	0.20	0.027	ppbv		ND	1.3	ug/m3
110-82-7	Cyclohexane	ND	0.20	0.034	ppbv		ND	0.69	ug/m3
75-34-3	1,1-Dichloroethane	ND	0.20	0.021	ppbv		ND	0.81	ug/m3
75-35-4	1,1-Dichloroethylene	ND	0.20	0.040	ppbv		ND	0.79	ug/m3
106-93-4	1,2-Dibromoethane	ND	0.20	0.030	ppbv		ND	1.5	ug/m3
107-06-2	1,2-Dichloroethane	ND	0.20	0.038	ppbv		ND	0.81	ug/m3
78-87-5	1,2-Dichloropropane	ND	0.20	0.029	ppbv		ND	0.92	ug/m3
123-91-1	1,4-Dioxane	ND	0.20	0.046	ppbv		ND	0.72	ug/m3
75-71-8	Dichlorodifluoromethane	ND	0.20	0.030	ppbv		ND	0.99	ug/m3
124-48-1	Dibromochloromethane	ND	0.20	0.019	ppbv		ND	1.7	ug/m3
156-60-5	trans-1,2-Dichloroethylene	ND	0.20	0.023	ppbv		ND	0.79	ug/m3
156-59-2	cis-1,2-Dichloroethylene	ND	0.20	0.028	ppbv		ND	0.79	ug/m3
10061-01-5	cis-1,3-Dichloropropene	ND	0.20	0.027	ppbv		ND	0.91	ug/m3
541-73-1	m-Dichlorobenzene	ND	0.20	0.044	ppbv		ND	1.2	ug/m3
95-50-1	o-Dichlorobenzene	ND	0.20	0.040	ppbv		ND	1.2	ug/m3
106-46-7	p-Dichlorobenzene	ND	0.20	0.044	ppbv		ND	1.2	ug/m3
10061-02-6	trans-1,3-Dichloropropene	ND	0.20	0.032	ppbv		ND	0.91	ug/m3
64-17-5	Ethanol	ND	0.50	0.047	ppbv		ND	0.94	ug/m3
100-41-4	Ethylbenzene	ND	0.20	0.018	ppbv		ND	0.87	ug/m3
141-78-6	Ethyl Acetate	ND	0.20	0.046	ppbv		ND	0.72	ug/m3
622-96-8	4-Ethyltoluene	ND	0.20	0.036	ppbv		ND	0.98	ug/m3

Summa Cleaning Certification

Job Number: JA12930
Account: CARICH C. A. Rich Consultants
Project: Via Verde, 700-730 Brook Avenue, Bronx, NY

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
V2W949-SCC	2W22114.D	1	02/17/09	YMH	n/a	n/a	V2W949

The QC reported here (Summa A631) applies to the following samples: **Method:** TO-15

Batch CP3254 cleaned 02/13/09: JA12930-1(A231)

CAS No.	Compound	Result	RL	MDL	Units	Q	Result	RL	Units
76-13-1	Freon 113	ND	0.20	0.020	ppbv		ND	1.5	ug/m3
76-14-2	Freon 114	ND	0.20	0.027	ppbv		ND	1.4	ug/m3
142-82-5	Heptane	ND	0.20	0.021	ppbv		ND	0.82	ug/m3
87-68-3	Hexachlorobutadiene	ND	0.20	0.084	ppbv		ND	2.1	ug/m3
110-54-3	Hexane	ND	0.20	0.054	ppbv		ND	0.70	ug/m3
591-78-6	2-Hexanone	ND	0.20	0.025	ppbv		ND	0.82	ug/m3
67-63-0	Isopropyl Alcohol	ND	0.20	0.036	ppbv		ND	0.49	ug/m3
75-09-2	Methylene chloride	ND	0.20	0.040	ppbv		ND	0.69	ug/m3
78-93-3	Methyl ethyl ketone	ND	0.20	0.039	ppbv		ND	0.59	ug/m3
108-10-1	Methyl Isobutyl Ketone	ND	0.20	0.022	ppbv		ND	0.82	ug/m3
1634-04-4	Methyl Tert Butyl Ether	ND	0.20	0.018	ppbv		ND	0.72	ug/m3
115-07-1	Propylene	ND	0.50	0.053	ppbv		ND	0.86	ug/m3
100-42-5	Styrene	ND	0.20	0.023	ppbv		ND	0.85	ug/m3
71-55-6	1,1,1-Trichloroethane	ND	0.20	0.026	ppbv		ND	1.1	ug/m3
79-34-5	1,1,2,2-Tetrachloroethane	ND	0.20	0.024	ppbv		ND	1.4	ug/m3
79-00-5	1,1,2-Trichloroethane	ND	0.20	0.020	ppbv		ND	1.1	ug/m3
120-82-1	1,2,4-Trichlorobenzene	ND	0.20	0.066	ppbv		ND	1.5	ug/m3
95-63-6	1,2,4-Trimethylbenzene	ND	0.20	0.024	ppbv		ND	0.98	ug/m3
108-67-8	1,3,5-Trimethylbenzene	ND	0.20	0.021	ppbv		ND	0.98	ug/m3
540-84-1	2,2,4-Trimethylpentane	ND	0.20	0.026	ppbv		ND	0.93	ug/m3
75-65-0	Tertiary Butyl Alcohol	ND	0.20	0.027	ppbv		ND	0.61	ug/m3
127-18-4	Tetrachloroethylene	ND	0.20	0.027	ppbv		ND	1.4	ug/m3
109-99-9	Tetrahydrofuran	ND	0.20	0.027	ppbv		ND	0.59	ug/m3
108-88-3	Toluene	ND	0.20	0.020	ppbv		ND	0.75	ug/m3
79-01-6	Trichloroethylene	ND	0.20	0.029	ppbv		ND	1.1	ug/m3
75-69-4	Trichlorofluoromethane	ND	0.20	0.029	ppbv		ND	1.1	ug/m3
75-01-4	Vinyl chloride	ND	0.20	0.031	ppbv		ND	0.51	ug/m3
108-05-4	Vinyl Acetate	ND	0.20	0.088	ppbv		ND	0.70	ug/m3
	m,p-Xylene	ND	0.20	0.10	ppbv		ND	0.87	ug/m3
95-47-6	o-Xylene	ND	0.20	0.026	ppbv		ND	0.87	ug/m3
1330-20-7	Xylenes (total)	ND	0.20	0.026	ppbv		ND	0.87	ug/m3

CAS No.	Surrogate Recoveries		Limits
460-00-4	4-Bromofluorobenzene	81%	78-124%

Instrument Performance Check (BFB)

Job Number: JA12930
Account: CARICH C. A. Rich Consultants
Project: Via Verde, 700-730 Brook Avenue, Bronx, NY

Sample:	V2W943-BFB	**Injection Date:**	02/06/09
Lab File ID:	2W21935.D	**Injection Time:**	10:58
Instrument ID:	GCMS2W		

m/e	Ion Abundance Criteria	Raw Abundance	% Relative Abundance		Pass/Fail
50	8.0 - 40.0% of mass 95	11611	16.6		Pass
75	30.0 - 66.0% of mass 95	33802	48.4		Pass
95	Base peak, 100% relative abundance	69888	100.0		Pass
96	5.0 - 9.0% of mass 95	4834	6.9		Pass
173	Less than 2.0% of mass 174	0	0.0	(0.0) [a]	Pass
174	50.0 - 120.0% of mass 95	65589	93.8		Pass
175	4.0 - 9.01% of mass 174	5563	8.0	(8.5) [a]	Pass
176	93.0 - 101.0% of mass 174	63808	91.3	(97.3) [a]	Pass
177	5.0 - 9.0% of mass 176	4356	6.2	(6.8) [b]	Pass

(a) Value is % of mass 174
(b) Value is % of mass 176

This check applies to the following Samples, MS, MSD, Blanks, and Standards:

Lab Sample ID	Lab File ID	Date Analyzed	Time Analyzed	Hours Lapsed	Client Sample ID
V2W943-ICC943	2W21936.D	02/06/09	11:40	00:42	Initial cal 10
V2W943-IC943	2W21937.D	02/06/09	12:23	01:25	Initial cal 1.0
V2W943-IC943	2W21939.D	02/06/09	13:47	02:49	Initial cal 0.2
V2W943-IC943	2W21940.D	02/06/09	14:29	03:31	Initial cal 20
V2W943-IC943	2W21941.D	02/06/09	15:12	04:14	Initial cal 5.0
V2W943-IC943	2W21942.D	02/06/09	15:54	04:56	Initial cal 0.4
V2W943-IC943	2W21943.D	02/06/09	16:37	05:39	Initial cal 10
V2W943-IC943	2W21944.D	02/06/09	17:19	06:21	Initial cal 40
V2W943-IC943	2W21945.D	02/06/09	18:02	07:04	Initial cal 0.2
V2W943-ICV943	2W21946.D	02/06/09	18:44	07:46	Initial cal verification 10
V2W943-SCC	2W21948.D	02/06/09	20:08	09:10	Summa Cleaning Certification

Instrument Performance Check (BFB)

Job Number: JA12930
Account: CARICH C. A. Rich Consultants
Project: Via Verde, 700-730 Brook Avenue, Bronx, NY

Sample:	V2W949-BFB	**Injection Date:**	02/16/09
Lab File ID:	2W22083.D	**Injection Time:**	05:46
Instrument ID:	GCMS2W		

m/e	Ion Abundance Criteria	Raw Abundance	% Relative Abundance		Pass/Fail
50	8.0 - 40.0% of mass 95	12919	19.0		Pass
75	30.0 - 66.0% of mass 95	35013	51.5		Pass
95	Base peak, 100% relative abundance	68048	100.0		Pass
96	5.0 - 9.0% of mass 95	4695	6.9		Pass
173	Less than 2.0% of mass 174	0	0.0	(0.0) [a]	Pass
174	50.0 - 120.0% of mass 95	61413	90.2		Pass
175	4.0 - 9.01% of mass 174	4926	7.2	(8.0) [a]	Pass
176	93.0 - 101.0% of mass 174	58677	86.2	(95.5) [a]	Pass
177	5.0 - 9.0% of mass 176	4140	6.1	(7.1) [b]	Pass

(a) Value is % of mass 174
(b) Value is % of mass 176

This check applies to the following Samples, MS, MSD, Blanks, and Standards:

Lab Sample ID	Lab File ID	Date Analyzed	Time Analyzed	Hours Lapsed	Client Sample ID
V2W949-CC943	2W22084.D	02/16/09	06:28	00:42	Continuing cal 10
V2W949-BS	2W22085.D	02/16/09	07:11	01:25	Blank Spike
V2W949-BSD	2W22086.D	02/16/09	07:53	02:07	Blank Spike Duplicate
V2W949-MB	2W22088.D	02/16/09	10:24	04:38	Method Blank
ZZZZZZ	2W22089.D	02/16/09	11:07	05:21	(unrelated sample)
ZZZZZZ	2W22090.D	02/16/09	11:49	06:03	(unrelated sample)
ZZZZZZ	2W22091.D	02/16/09	12:32	06:46	(unrelated sample)
ZZZZZZ	2W22092.D	02/16/09	13:14	07:28	(unrelated sample)
V2W949-SCC	2W22094.D	02/16/09	14:39	08:53	Summa Cleaning Certification
ZZZZZZ	2W22095.D	02/16/09	15:21	09:35	(unrelated sample)
ZZZZZZ	2W22096.D	02/16/09	16:04	10:18	(unrelated sample)
ZZZZZZ	2W22097.D	02/16/09	16:46	11:00	(unrelated sample)
ZZZZZZ	2W22098.D	02/16/09	17:28	11:42	(unrelated sample)
ZZZZZZ	2W22099.D	02/16/09	18:11	12:25	(unrelated sample)
ZZZZZZ	2W22100.D	02/16/09	18:53	13:07	(unrelated sample)
JA11912-9	2W22101.D	02/16/09	19:35	13:49	(used for QC only; not part of job JA12930)
JA11912-9DUP	2W22102.D	02/16/09	20:17	14:31	Duplicate
ZZZZZZ	2W22103.D	02/16/09	21:00	15:14	(unrelated sample)
ZZZZZZ	2W22106.D	02/16/09	23:06	17:20	(unrelated sample)
ZZZZZZ	2W22107.D	02/16/09	23:48	18:02	(unrelated sample)
ZZZZZZ	2W22108.D	02/17/09	00:30	18:44	(unrelated sample)
ZZZZZZ	2W22109.D	02/17/09	01:12	19:26	(unrelated sample)
ZZZZZZ	2W22110.D	02/17/09	01:54	20:08	(unrelated sample)
ZZZZZZ	2W22111.D	02/17/09	02:36	20:50	(unrelated sample)

Instrument Performance Check (BFB)

Job Number: JA12930
Account: CARICH C. A. Rich Consultants
Project: Via Verde, 700-730 Brook Avenue, Bronx, NY

Sample:	V2W949-BFB	**Injection Date:**	02/16/09
Lab File ID:	2W22083.D	**Injection Time:**	05:46
Instrument ID:	GCMS2W		

Lab Sample ID	Lab File ID	Date Analyzed	Time Analyzed	Hours Lapsed	Client Sample ID
ZZZZZZ	2W22112.D	02/17/09	03:18	21:32	(unrelated sample)
ZZZZZZ	2W22113.D	02/17/09	04:00	22:14	(unrelated sample)
V2W949-SCC	2W22114.D	02/17/09	04:42	22:56	Summa Cleaning Certification

5.5

Instrument Performance Check (BFB)

Job Number: JA12930
Account: CARICH C. A. Rich Consultants
Project: Via Verde, 700-730 Brook Avenue, Bronx, NY

Sample:	V3W418-BFB	**Injection Date:**	03/02/09
Lab File ID:	3W10097.D	**Injection Time:**	13:33
Instrument ID:	GCMS3W		

m/e	Ion Abundance Criteria	Raw Abundance	% Relative Abundance		Pass/Fail
50	8.0 - 40.0% of mass 95	3099	15.1		Pass
75	30.0 - 66.0% of mass 95	8974	43.8		Pass
95	Base peak, 100% relative abundance	20485	100.0		Pass
96	5.0 - 9.0% of mass 95	1471	7.2		Pass
173	Less than 2.0% of mass 174	45	0.22	(0.21) [a]	Pass
174	50.0 - 120.0% of mass 95	21872	106.8		Pass
175	4.0 - 9.01% of mass 174	1619	7.9	(7.4) [a]	Pass
176	93.0 - 101.0% of mass 174	21541	105.2	(98.5) [a]	Pass
177	5.0 - 9.0% of mass 176	1428	7.0	(6.6) [b]	Pass

(a) Value is % of mass 174
(b) Value is % of mass 176

This check applies to the following Samples, MS, MSD, Blanks, and Standards:

Lab Sample ID	Lab File ID	Date Analyzed	Time Analyzed	Hours Lapsed	Client Sample ID
V3W418-ICC418	3W10098.D	03/02/09	14:12	00:39	Initial cal 10
V3W418-IC418	3W10099.D	03/02/09	14:52	01:19	Initial cal 0.5
V3W418-IC418	3W10100.D	03/02/09	15:31	01:58	Initial cal 5.0
V3W418-IC418	3W10101.D	03/02/09	16:11	02:38	Initial cal 0.2
V3W418-IC418	3W10102.D	03/02/09	16:51	03:18	Initial cal 0.04
V3W418-IC418	3W10103.D	03/02/09	17:30	03:57	Initial cal 20
V3W418-IC418	3W10104.D	03/02/09	18:10	04:37	Initial cal 0.5
V3W418-IC418	3W10105.D	03/02/09	18:49	05:16	Initial cal 10
V3W418-IC418	3W10106.D	03/02/09	19:29	05:56	Initial cal 40
V3W418-IC418	3W10107.D	03/02/09	20:08	06:35	Initial cal 0.2
V3W418-IC418	3W10108.D	03/02/09	20:48	07:15	Initial cal 5.0
V3W418-ICV418	3W10109.D	03/02/09	21:27	07:54	Initial cal verification 10
V3W418-IC418	3W10110.D	03/02/09	22:07	08:34	Initial cal 20
V3W418-IC418	3W10111.D	03/02/09	22:47	09:14	Initial cal 40

Instrument Performance Check (BFB)

Job Number: JA12930
Account: CARICH C. A. Rich Consultants
Project: Via Verde, 700-730 Brook Avenue, Bronx, NY

Sample:	V3W420-BFB	**Injection Date:**	03/04/09
Lab File ID:	3W10143.D	**Injection Time:**	12:24
Instrument ID:	GCMS3W		

m/e	Ion Abundance Criteria	Raw Abundance	% Relative Abundance		Pass/Fail
50	8.0 - 40.0% of mass 95	3451	18.4		Pass
75	30.0 - 66.0% of mass 95	8964	47.9		Pass
95	Base peak, 100% relative abundance	18725	100.0		Pass
96	5.0 - 9.0% of mass 95	1357	7.2		Pass
173	Less than 2.0% of mass 174	0	0.0	(0.0) [a]	Pass
174	50.0 - 120.0% of mass 95	17907	95.6		Pass
175	4.0 - 9.01% of mass 174	1313	7.0	(7.3) [a]	Pass
176	93.0 - 101.0% of mass 174	17654	94.3	(98.6) [a]	Pass
177	5.0 - 9.0% of mass 176	1209	6.5	(6.8) [b]	Pass

(a) Value is % of mass 174
(b) Value is % of mass 176

This check applies to the following Samples, MS, MSD, Blanks, and Standards:

Lab Sample ID	Lab File ID	Date Analyzed	Time Analyzed	Hours Lapsed	Client Sample ID
V3W420-CC418	3W10144.D	03/04/09	13:14	00:50	Continuing cal 10
V3W420-BS	3W10145.D	03/04/09	14:19	01:55	Blank Spike
V3W420-BSD	3W10146.D	03/04/09	14:59	02:35	Blank Spike Duplicate
V3W420-MB	3W10147.D	03/04/09	16:19	03:55	Method Blank
ZZZZZZ	3W10148.D	03/04/09	17:28	05:04	(unrelated sample)
ZZZZZZ	3W10149.D	03/04/09	18:08	05:44	(unrelated sample)
ZZZZZZ	3W10151.D	03/04/09	19:28	07:04	(unrelated sample)
JA12930-1	3W10152.D	03/04/09	20:07	07:43	SVP-3
ZZZZZZ	3W10153.D	03/04/09	21:26	09:02	(unrelated sample)
JA12893-3R	3W10154.D	03/04/09	22:06	09:42	(used for QC only; not part of job JA12930)
JA12893-3RDUP	3W10155.D	03/04/09	22:46	10:22	Duplicate
V3W420-SCC	3W10156.D	03/05/09	00:05	11:41	Summa Cleaning Certification
ZZZZZZ	3W10157.D	03/05/09	00:44	12:20	(unrelated sample)
ZZZZZZ	3W10158.D	03/05/09	01:24	13:00	(unrelated sample)
ZZZZZZ	3W10159.D	03/05/09	02:04	13:40	(unrelated sample)
V3W420-SCC	3W10160.D	03/05/09	03:22	14:58	Summa Cleaning Certification
ZZZZZZ	3W10161.D	03/05/09	04:01	15:37	(unrelated sample)
ZZZZZZ	3W10162.D	03/05/09	04:41	16:17	(unrelated sample)
ZZZZZZ	3W10163.D	03/05/09	05:21	16:57	(unrelated sample)

Volatile Internal Standard Area Summary

Job Number: JA12930
Account: CARICH C. A. Rich Consultants
Project: Via Verde, 700-730 Brook Avenue, Bronx, NY

Check Std:	V2W949-CC943	**Injection Date:**	02/16/09
Lab File ID:	2W22084.D	**Injection Time:**	06:28
Instrument ID:	GCMS2W	**Method:**	TO-15

	IS 1 AREA	RT	IS 2 AREA	RT	IS 3 AREA	RT
Check Std	150104	8.30	710598	9.89	665661	14.04
Upper Limit [a]	210146	8.63	994837	10.22	931925	14.37
Lower Limit [b]	90062	7.97	426359	9.56	399397	13.71

Lab Sample ID	IS 1 AREA	RT	IS 2 AREA	RT	IS 3 AREA	RT
V2W949-BS	153921	8.30	725358	9.89	678503	14.04
V2W949-BSD	155380	8.30	737995	9.89	683909	14.04
V2W949-MB	163377	8.31	775785	9.89	626579	14.03
ZZZZZZ	147602	8.30	698160	9.89	585208	14.03
ZZZZZZ	154670	8.30	730171	9.89	604864	14.03
ZZZZZZ	147937	8.32	709736	9.91	645806	14.04
ZZZZZZ	164760	8.30	770235	9.89	674722	14.04
V2W949-SCC	180617	8.31	826721	9.90	655245	14.04
ZZZZZZ	171542	8.31	798677	9.90	672143	14.04
ZZZZZZ	169670	8.31	772710	9.90	662681	14.04
ZZZZZZ	160555	8.31	755655	9.90	640665	14.04
ZZZZZZ	154253	8.30	732392	9.89	623868	14.04
ZZZZZZ	168633	8.31	776050	9.90	628931	14.04
ZZZZZZ	167360	8.32	777268	9.91	629280	14.04
JA11912-9	124456	8.32	642746	9.92	521494	14.07
JA11912-9DUP	136258	8.32	707588	9.93	565713	14.07
ZZZZZZ	175807	8.32	808870	9.91	667354	14.04
ZZZZZZ	174698	8.32	819532	9.91	684307	14.04
ZZZZZZ	152734	8.32	700860	9.91	582391	14.04
ZZZZZZ	162990	8.32	762790	9.90	618171	14.04
ZZZZZZ	145410	8.32	669887	9.91	547105	14.05
ZZZZZZ	152193	8.32	711757	9.91	617386	14.04
ZZZZZZ	154818	8.31	705191	9.90	574911	14.04
ZZZZZZ	125527	8.33	574656	9.92	541564	14.05
ZZZZZZ	147724	8.32	678215	9.91	592585	14.04
V2W949-SCC	160944	8.32	713106	9.90	558116	14.04

IS 1 = Bromochloromethane
IS 2 = 1,4-Difluorobenzene
IS 3 = Chlorobenzene-D5

(a) Upper Limit = +40% of check standard area; Retention time +0.33 minutes.
(b) Lower Limit = -40% of check standard area; Retention time -0.33 minutes.

Volatile Internal Standard Area Summary

Job Number: JA12930
Account: CARICH C. A. Rich Consultants
Project: Via Verde, 700-730 Brook Avenue, Bronx, NY

Check Std:	V3W420-CC418	**Injection Date:**	03/04/09
Lab File ID:	3W10144.D	**Injection Time:**	13:14
Instrument ID:	GCMS3W	**Method:**	TO-15

	IS 1 AREA	RT	IS 2 AREA	RT	IS 3 AREA	RT
Check Std	54523	7.92	261421	9.63	237146	13.87
Upper Limit [a]	76332	8.25	365989	9.96	332004	14.20
Lower Limit [b]	32714	7.59	156853	9.30	142288	13.54

Lab Sample ID	IS 1 AREA	RT	IS 2 AREA	RT	IS 3 AREA	RT
V3W420-BS	62703	7.92	290935	9.63	261375	13.87
V3W420-BSD	67713	7.92	320407	9.63	283023	13.87
V3W420-MB	71572	7.92	309547	9.63	240365	13.87
ZZZZZZ	57548	7.91	267108	9.62	225903	13.87
ZZZZZZ	55106	7.92	259991	9.63	221951	13.87
ZZZZZZ	55677	7.92	258657	9.63	203787	13.87
JA12930-1	54129	7.92	245397	9.63	197522	13.87
ZZZZZZ	63001	7.92	287582	9.63	222065	13.87
JA12893-3R	60385	7.92	280772	9.63	212674	13.87
JA12893-3RDUP	56678	7.92	264590	9.63	204715	13.87
V3W420-SCC	59766	7.92	243120	9.63	187231	13.87
ZZZZZZ	58102	7.92	274221	9.63	217701	13.87
ZZZZZZ	56704	7.92	261520	9.63	196984	13.87
ZZZZZZ	54639	7.92	253637	9.63	198354	13.87
V3W420-SCC	60306	7.92	239648	9.63	180133	13.87
ZZZZZZ	58652	7.92	264346	9.63	201652	13.87
ZZZZZZ	57159	7.92	262088	9.63	199230	13.87
ZZZZZZ	54797	7.92	250808	9.63	189184	13.87

IS 1 = Bromochloromethane
IS 2 = 1,4-Difluorobenzene
IS 3 = Chlorobenzene-D5

(a) Upper Limit = +40% of check standard area; Retention time +0.33 minutes.
(b) Lower Limit = -40% of check standard area; Retention time -0.33 minutes.

Volatile Surrogate Recovery Summary

Job Number: JA12930
Account: CARICH C. A. Rich Consultants
Project: Via Verde, 700-730 Brook Avenue, Bronx, NY

Method: TO-15	**Matrix:** AIR

Samples and QC shown here apply to the above method

Lab Sample ID	Lab File ID	S1
JA12930-1	3W10152.D	94.0
JA12893-3RDUP	3W10155.D	91.0
V2W949-SCC	2W22114.D	81.0
V3W420-BS	3W10145.D	109.0
V3W420-BSD	3W10146.D	106.0
V3W420-MB	3W10147.D	87.0
V2W949-BS	2W22085.D	111.0
V2W949-BSD	2W22086.D	110.0
V2W949-MB	2W22088.D	91.0

Surrogate Compounds	Recovery Limits
S1 = 4-Bromofluorobenzene	78-124%

Initial Calibration Summary

Job Number: JA12930
Account: CARICH C. A. Rich Consultants
Project: Via Verde, 700-730 Brook Avenue, Bronx, NY

Sample: V2W943-ICC943
Lab FileID: 2W21936.D

Response Factor Report MS2W

Method : C:\MSDCHEM\1\METHODS\M2W943.M (RTE Integrator)
Title : TO15 by GCMS w/RTX1 60 m X .32 mm ID 1.0 um
Last Update : Mon Feb 09 08:53:58 2009
Response via : Initial Calibration

Calibration Files
1.0 =2W21937.D 0.2 =2W21939.D 0.4 =2W21942.D 5.0 =2W21941.D
10. =2W21936.D 20. =2W21940.D 40. =2W21944.D 99 =2W21943.D
= =

Compound	1.0	0.2	0.4	5.0	10.	20.	40.	99	Avg	%RSD
1) I BROMOCHLOROMETHANE	ISTD									
2) FREON 115									0.000	-1.00
3) DICHLORODIFLUOROMETHANE	4.472	4.582	5.191	4.680	4.097	3.913	3.723		4.380	11.52
4) FREON 152A	1.077	1.086	1.162	1.118	1.063	1.006	0.972		1.069	6.02
5) CHLORODIFLUOROMETHANE	0.504	0.542	0.619	0.500	0.442	0.438	0.444		0.498	13.25
6) PROPYLENE	1.145	1.225	1.168	1.081	0.979	0.865	0.787		1.036	15.86
7) FREON 114	4.689	4.695	5.327	4.681	4.180	3.832	3.474		4.411	14.14
8) CHLOROMETHANE	0.440	0.463	0.523	0.452	0.429	0.407	0.399		0.445	9.28
9) VINYL CHLORIDE	1.619	1.534	1.787	1.661	1.566	1.480	1.413		1.580	7.81
10) 1,3-BUTADIENE	1.122	1.123	1.250	1.146	1.089	0.992	0.936		1.094	9.45
11) n-BUTANE	2.235	2.604	2.440	2.105	1.920	1.736	1.596		2.091	17.52
12) BROMOMETHANE	1.616	1.593	1.794	1.712	1.605	1.516	1.465		1.614	6.90
13) CHLOROETHANE	0.857	0.822	0.899	0.879	0.860	0.808	0.782		0.844	4.90
14) FREON 123	2.340	2.431	2.558	2.322	2.232	2.022	1.855		2.251	10.71
15) TRICHLOROFLUOROMETHANE	4.089	4.112	4.633	4.275	3.819	3.664	3.508		4.014	9.56
16) ISOPROPYL ALCOHOL	1.840	1.911	1.952	1.983	1.903	1.828	1.807		1.889	3.50
17) ACETONE	0.641	0.616	0.670	0.583	0.584	0.551	0.522		0.595	8.60
18) PENTANE	1.379	1.476	1.565	1.338	1.239	1.075	0.932		1.286	17.30
19) TVHC as EQUIV PENTANE	7.201	8.350	8.495	9.081	8.671	7.866	7.036		8.100	9.43
20) ETHYL ETHER	0.667	0.670	0.711	0.675	0.677	0.625	0.563		0.655	7.32
21) 1,1-DICHLOROETHYLENE	1.676	1.705	1.866	1.723	1.594	1.463	1.393		1.631	9.92
22) CARBON DISULFIDE	4.546	4.381	4.954	4.472	4.150	3.725	3.402		4.233	12.40
23) ETHANOL										

5.9.5

Initial Calibration Summary

Job Number: JA12930 **Sample:** V2W943-ICC943
Account: CARICH C. A. Rich Consultants **Lab FileID:** 2W21936.D
Project: Via Verde, 700-730 Brook Avenue, Bronx, NY

	0.538 0.523 0.568 0.475 0.482 0.460 0.455	0.500	8.60
24)	BROMOETHENE		
	1.561 1.487 1.669 1.659 1.560 1.465 1.408	1.544	6.32
25)	METHYLENE CHLORIDE		
	1.498 1.855 1.732 1.426 1.349 1.230 1.166	1.465	17.26
26)	3-CHLOROPROPENE		
	0.604 0.628 0.651 0.627 0.621 0.572 0.549	0.608	5.84
27)	FREON 113		
	2.653 2.648 2.936 2.742 2.507 2.345 2.252	2.583	9.09
28)	TRANS-1,2-DICHLOROETHYLENE		
	1.634 1.658 1.755 1.683 1.577 1.427 1.358	1.585	9.03
29)	TERTIARY BUTYL ALCOHOL		
	2.030 2.099 2.185 2.205 2.022 1.925 1.803	2.038	6.97
30)	METHYL TERTIARY BUTYL ETHER		
	4.032 4.283 4.379 3.988 3.762 3.447 3.251	3.878	10.75
31)	TETRAHYDROFURAN		
	1.253 1.198 1.237 1.255 1.273 1.134 1.077	1.204	6.05
32)	HEXANE		
	1.970 1.930 2.038 2.050 1.988 1.754 1.618	1.907	8.45
33)	VINYL ACETATE		
	0.314 0.283 0.304 0.326 0.338 0.315 0.304	0.312	5.55
34)	1,1-DICHLOROETHANE		
	2.819 2.781 2.974 2.804 2.711 2.409 2.210	2.672	9.97
35)	METHYL ETHYL KETONE		
	0.666 0.654 0.674 0.679 0.689 0.637 0.626	0.661	3.46
36)	cis-1,2-DICHLOROETHYLENE		
	1.770 1.825 1.879 1.790 1.756 1.598 1.503	1.731	7.68
37)	ETHYL ACETATE		
	0.334 0.284 0.319 0.337 0.327 0.294 0.279	0.310	7.86
38)	CHLOROFORM		
	3.216 3.229 3.460 3.276 3.119 2.897 2.758	3.137	7.59
39)	2,4-DIMETHYLPENTANE		
	2.595 2.553 2.599 2.494 2.367 2.013 1.756	2.340	14.06
40)	1,1,1-TRICHLOROETHANE		
	3.383 3.372 3.724 3.480 3.272 3.088 2.966	3.326	7.54
41)	CARBON TETRACHLORIDE		
	3.436 3.443 3.771 3.634 3.262 3.104 2.965	3.374	8.44
42)	1,2-DICHLOROETHANE		
	2.047 1.967 2.204 2.114 2.014 1.939 1.895	2.026	5.26
43)	I 1,4-DIFLUOROBENZENE ----------ISTD----------		
44)	BENZENE		
	1.005 0.979 1.042 0.989 0.940 0.826 0.727	0.930	12.11
45)	CYCLOHEXANE		
	0.439 0.456 0.462 0.436 0.394 0.348 0.315	0.407	13.94
46)	2,3-DIMETHYLPENTANE		
	0.203 0.187 0.214 0.212 0.201 0.176 0.159	0.193	10.52
47)	TRICHLOROETHYLENE		
	0.426 0.441 0.472 0.415 0.377 0.333 0.303	0.395	15.29
48)	1,2-DICHLOROPROPANE		
	0.326 0.331 0.339 0.316 0.309 0.269 0.237	0.304	12.27
49)	BROMODICHLOROMETHANE		
	0.686 0.680 0.735 0.702 0.646 0.578 0.520	0.650	11.63
50)	2,2,4-TRIMETHYLPENTANE		
	1.214 1.263 1.306 1.150 1.034 0.834 0.672	1.067	22.14
51)	1,4-DIOXANE		
	0.183 0.198 0.191 0.172 0.156 0.145 0.137	0.169	13.73
52)	METHYL METHACRYLATE		
	0.293 0.296 0.290 0.295 0.293 0.260 0.243	0.281	7.50
53)	HEPTANE		

Initial Calibration Summary

Job Number: JA12930
Account: CARICH C. A. Rich Consultants
Project: Via Verde, 700-730 Brook Avenue, Bronx, NY

Sample: V2W943-ICC943
Lab FileID: 2W21936.D

		0.459	0.503	0.486	0.428	0.401	0.339	0.288	0.415	18.90
54)	TVHC as EQUIV HEPTANE	2.305	2.570	2.376	2.133	1.936	1.739	1.655	2.102	16.20
55)	METHYL ISOBUTYL KETONE	0.562	0.596	0.564	0.525	0.489	0.433	0.415	0.512	13.43
56)	cis-1,3-DICHLOROPROPENE	0.503	0.499	0.534	0.516	0.497	0.455	0.420	0.489	7.97
57)	TOLUENE	0.686	0.673	0.726	0.685	0.666	0.598	0.547	0.655	9.29
58)	trans-1,3-DICHLOROPROPENE	0.475	0.471	0.503	0.524	0.501	0.469	0.450	0.485	5.25
59)	1,1,2-TRICHLOROETHANE	0.314	0.302	0.336	0.316	0.307	0.275	0.252	0.300	9.33
60)	I CHLOROBENZENE-D5	----------ISTD----------								
61)	2-HEXANONE	0.637	0.913	0.758	0.548	0.505	0.449	0.434	0.606	29.05
62)	TETRACHLOROETHYLENE	0.562	0.564	0.616	0.537	0.486	0.434	0.399	0.514	15.11
63)	DIBROMOCHLOROMETHANE	0.781	0.760	0.810	0.782	0.726	0.666	0.624	0.736	9.26
64)	1,2-DIBROMOETHANE	0.680	0.677	0.745	0.664	0.627	0.566	0.526	0.641	11.58
65)	OCTANE	0.672	0.648	0.682	0.614	0.566	0.467	0.396	0.578	18.89
66)	CHLOROBENZENE	0.946	0.968	1.007	0.902	0.856	0.766	0.700	0.878	12.70
67)	ETHYLBENZENE	1.633	1.692	1.771	1.542	1.441	1.247	1.086	1.487	16.65
68)	m,p-XYLENE	0.637	0.657	0.687	0.596	0.558	0.491	0.441	0.581	15.48
69)	o-XYLENE	0.615	0.617	0.671	0.571	0.540	0.477	0.437	0.561	14.77
70)	STYRENE	0.893	0.922	0.935	0.897	0.883	0.821	0.747	0.871	7.55
71)	NONANE	0.574	0.564	0.584	0.544	0.521	0.437	0.377	0.514	15.21
72)	BROMOFORM	0.688	0.664	0.712	0.715	0.675	0.631	0.601	0.670	6.25
73)	4-BROMOFLUOROBENZENE	0.569	0.578	0.593	0.627	0.651	0.664	0.670	0.621	6.74
74)	1,1,2,2-TETRACHLOROETHANE	0.733	0.783	0.776	0.694	0.645	0.549	0.482	0.666	17.25
75)	ISOPROPYLBENZENE	1.577	1.633	1.709	1.531	1.406	1.228	1.066	1.450	15.97
76)	2-CHLOROTOLUENE	1.083	1.142	1.193	1.070	1.001	0.888	0.790	1.024	13.94
77)	4-ETHYLTOLUENE	1.402	1.481	1.512	1.434	1.334	1.173	0.996	1.333	13.98
78)	1,3,5-TRIMETHYLBENZENE	1.321	1.426	1.452	1.267	1.145	1.004	0.877	1.213	17.74
79)	1,2,4-TRIMETHYLBENZENE	1.187	1.264	1.276	1.215	1.107	0.983	0.871	1.129	13.46
80)	m-DICHLOROBENZENE	0.717	0.850	0.794	0.751	0.704	0.653	0.612	0.726	11.18
81)	BENZYL CHLORIDE	0.643	0.872	0.767	0.770	0.727	0.687	0.656	0.732	10.89
82)	p-DICHLOROBENZENE	0.672	0.857	0.788	0.707	0.673	0.621	0.577	0.699	13.73
83)	o-DICHLOROBENZENE									

Initial Calibration Summary

Job Number: JA12930
Account: CARICH C. A. Rich Consultants
Project: Via Verde, 700-730 Brook Avenue, Bronx, NY

Sample: V2W943-ICC943
Lab FileID: 2W21936.D

	0.636	0.761	0.714	0.695	0.645	0.597	0.557		0.658	10.70
84) HEXACHLOROBUTADIENE										
	0.282	0.342	0.323	0.305	0.264	0.235	0.234		0.284	14.85
85) 1,2,4-TRICHLOROBENZENE										
	0.202	0.306	0.261	0.249	0.186	0.204	0.251		0.237	17.76
86) NAPHTHALENE										
								0.408	0.408	0.00

(#) = Out of Range ### Number of calibration levels exceeded format ###

M2W943.M Mon Feb 09 09:58:22 2009 MS2W

5.9

5

Initial Calibration Verification

Job Number: JA12930
Account: CARICH C. A. Rich Consultants
Project: Via Verde, 700-730 Brook Avenue, Bronx, NY

Sample: V2W943-ICV943
Lab FileID: 2W21946.D

Evaluate Continuing Calibration Report

Data File : C:\MSDCHEM\1\DATA\2W21946.D
Acq On : 6 Feb 2009 6:44 pm
Sample : ICV943-10
Misc : MS49009,V2W943,,,,,1
MS Integration Params: rteint.p

Vial: 3
Operator: YOUMINH
Inst : MS2W
Multiplr: 1.00

Method : C:\MSDCHEM\1\METHODS\M2W943.M (RTE Integrator)
Title : TO15 by GCMS w/RTX1 60 m X .32 mm ID 1.0 um
Last Update : Mon Feb 09 08:53:58 2009
Response via : Multiple Level Calibration

Min. RRF : 0.000 Min. Rel. Area : 25% Max. R.T. Dev 0.30min
Max. RRF Dev : 30% Max. Rel. Area : 200%

	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)	R.T.
1 I	BROMOCHLOROMETHANE	1.000	1.000	0.0	92	0.00	8.31
2	FREON 115		----------NA----------				
3	DICHLORODIFLUOROMETHANE	4.380	4.399	-0.4	99	-0.01	5.04
4	FREON 152A	1.069	1.050	1.8	91	-0.01	4.94
5	CHLORODIFLUOROMETHANE	0.498	0.483	3.0	101	-0.02	4.97
6	PROPYLENE	1.036	0.980	5.4	92	-0.02	4.99
7	FREON 114	4.411	4.169	5.5	92	-0.01	5.22
8	CHLOROMETHANE	0.445	0.399	10.3	86	-0.01	5.16
9	VINYL CHLORIDE	1.580	1.478	6.5	87	-0.01	5.31
10	1,3-BUTADIENE	1.094	1.024	6.4	87	-0.01	5.40
11	n-BUTANE	2.091	1.825	12.7	88	0.00	5.44
12	BROMOMETHANE	1.614	1.562	3.2	90	-0.01	5.59
13	CHLOROETHANE	0.844	0.804	4.7	86	-0.01	5.70
14	FREON 123	2.251	2.227	1.1	92	0.00	6.02
15	TRICHLOROFLUOROMETHANE	4.014	4.070	-1.4	98	-0.01	6.21
16	ISOPROPYL ALCOHOL	1.889	1.851	2.0	90	0.00	6.29
17	ACETONE	0.595	0.565	5.0	89	-0.02	6.11
18	PENTANE	1.286	1.244	3.3	93	-0.01	6.43
19 H	TVHC as EQUIV PENTANE	8.100	8.638	-6.6	92	-0.01	6.44
20	ETHYL ETHER	0.655	0.645	1.5	88	0.00	6.46
21	1,1-DICHLOROETHYLENE	1.631	1.577	3.3	91	-0.01	6.64
22	CARBON DISULFIDE	4.233	4.003	5.4	89	-0.01	6.95
23	ETHANOL	0.500	0.461	7.8	88	-0.01	5.81
24	BROMOETHENE	1.544	1.658	-7.4	98	-0.01	5.93
25	METHYLENE CHLORIDE	1.465	1.319	10.0	90	-0.01	6.72
26	3-CHLOROPROPENE	0.608	0.618	-1.6	92	0.00	6.80
27	FREON 113	2.583	2.580	0.1	95	-0.01	6.89
28	TRANS-1,2-DICHLOROETHYLEN	1.585	1.549	2.3	91	-0.01	7.38
29	TERTIARY BUTYL ALCOHOL	2.038	1.864	8.5	85	-0.01	6.69
30	METHYL TERTIARY BUTYL ETH	3.878	3.724	4.0	91	0.00	7.58
31	TETRAHYDROFURAN	1.204	1.137	5.6	82	0.00	8.77
32	HEXANE	1.907	1.869	2.0	87	0.00	8.31
33	VINYL ACETATE	0.312	0.311	0.3	85	0.00	7.63
34	1,1-DICHLOROETHANE	2.672	2.588	3.1	88	0.00	7.54
35	METHYL ETHYL KETONE	0.661	0.645	2.4	86	-0.01	7.84
36	cis-1,2-DICHLOROETHYLENE	1.731	1.669	3.6	88	-0.01	8.17
37	ETHYL ACETATE	0.310	0.304	1.9	86	0.00	8.35
38	CHLOROFORM	3.137	3.122	0.5	92	0.00	8.41
39	2,4-DIMETHYLPENTANE	2.340	2.181	6.8	85	0.00	9.03
40	1,1,1-TRICHLOROETHANE	3.326	3.389	-1.9	96	0.00	9.22
41	CARBON TETRACHLORIDE	3.374	3.472	-2.9	98	0.00	9.74
42	1,2-DICHLOROETHANE	2.026	2.076	-2.5	95	-0.01	9.01

5.9

Initial Calibration Verification

Job Number: JA12930
Account: CARICH C. A. Rich Consultants
Project: Via Verde, 700-730 Brook Avenue, Bronx, NY

Sample: V2W943-ICV943
Lab FileID: 2W21946.D

43	I	1,4-DIFLUOROBENZENE	1.000	1.000	0.0	90	0.00	9.90
44		BENZENE	0.930	0.892	4.1	85	0.00	9.61
45		CYCLOHEXANE	0.407	0.386	5.2	88	-0.01	9.83
46		2,3-DIMETHYLPENTANE	0.193	0.190	1.6	85	0.00	10.03
47		TRICHLOROETHYLENE	0.395	0.372	5.8	89	0.00	10.53
48		1,2-DICHLOROPROPANE	0.304	0.282	7.2	82	0.00	10.32
49		BROMODICHLOROMETHANE	0.650	0.664	-2.2	92	0.00	10.50
50		2,2,4-TRIMETHYLPENTANE	1.067	1.004	5.9	87	0.00	10.54
51		1,4-DIOXANE	0.169	0.152	10.1	87	-0.01	10.59
52		METHYL METHACRYLATE	0.281	0.262	6.8	81	0.00	10.72
53		HEPTANE	0.415	0.374	9.9	84	0.00	10.78
54	H	TVHC as EQUIV HEPTANE	2.102	1.859	11.6	86	0.00	10.78
55		METHYL ISOBUTYL KETONE	0.512	0.464	9.4	85	-0.01	11.38
56		cis-1,3-DICHLOROPROPENE	0.489	0.482	1.4	87	0.00	11.33
57		TOLUENE	0.655	0.632	3.5	85	0.00	12.26
58		trans-1,3-DICHLOROPROPENE	0.485	0.495	-2.1	89	0.00	11.83
59		1,1,2-TRICHLOROETHANE	0.300	0.289	3.7	85	0.00	12.00
60	I	CHLOROBENZENE-D5	1.000	1.000	0.0	89	0.00	14.05
61		2-HEXANONE	0.606	0.483	20.3	86	0.00	12.55
62		TETRACHLOROETHYLENE	0.514	0.487	5.3	90	0.00	13.39
63		DIBROMOCHLOROMETHANE	0.736	0.758	-3.0	93	0.00	12.69
64		1,2-DIBROMOETHANE	0.641	0.614	4.2	88	0.00	12.93
65		OCTANE	0.578	0.534	7.6	84	0.00	13.23
66		CHLOROBENZENE	0.878	0.829	5.6	87	0.00	14.09
67		ETHYLBENZENE	1.487	1.403	5.6	87	0.00	14.49
68		m,p-XYLENE	0.581	0.541	6.9	87	0.00	14.68
69		o-XYLENE	0.561	0.522	7.0	87	0.00	15.19
70		STYRENE	0.871	0.832	4.5	84	0.00	15.07
71		NONANE	0.514	0.519	-1.0	89	0.00	15.42
72		BROMOFORM	0.670	0.701	-4.6	93	0.00	14.77
73	S	4-BROMOFLUOROBENZENE	0.621	0.661	-6.4	91	0.00	15.69
74		1,1,2,2-TETRACHLOROETHANE	0.666	0.608	8.7	84	0.00	15.19
75		ISOPROPYLBENZENE	1.450	1.492	-2.9	95	0.00	15.84
76		2-CHLOROTOLUENE	1.024	1.058	-3.3	95	0.00	16.38
77		4-ETHYLTOLUENE	1.333	1.322	0.8	89	0.00	16.60
78		1,3,5-TRIMETHYLBENZENE	1.213	1.130	6.8	88	0.00	16.69
79		1,2,4-TRIMETHYLBENZENE	1.129	1.104	2.2	89	0.00	17.16
80		m-DICHLOROBENZENE	0.726	0.700	3.6	89	0.00	17.33
81		BENZYL CHLORIDE	0.732	0.758	-3.6	93	0.00	17.32
82		p-DICHLOROBENZENE	0.699	0.670	4.1	89	0.00	17.41
83		o-DICHLOROBENZENE	0.658	0.645	2.0	89	0.00	17.81
84		HEXACHLOROBUTADIENE	0.284	0.292	-2.8	99	0.00	20.34
85		1,2,4-TRICHLOROBENZENE	0.237	0.234	1.3	113	0.00	19.80
86		NAPHTHALENE		----------NA----------				

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

2W21936.D M2W943.M Mon Feb 09 09:58:21 2009 MS2W

5.9

Continuing Calibration Summary

Job Number: JA12930
Account: CARICH C. A. Rich Consultants
Project: Via Verde, 700-730 Brook Avenue, Bronx, NY

Sample: V2W949-CC943
Lab FileID: 2W22084.D

Evaluate Continuing Calibration Report

Data File : C:\MSDCHEM\1\DATA\2W22084.D
Acq On : 16 Feb 2009 6:28 am
Sample : CC943-10
Misc : MS76032,V2W949,,,,,1
MS Integration Params: rteint.p

Vial: 2
Operator: YOUMINH
Inst : MS2W
Multiplr: 1.00

Method : C:\MSDCHEM\1\METHODS\M2W943.M (RTE Integrator)
Title : TO15 by GCMS w/RTX1 60 m X .32 mm ID 1.0 um
Last Update : Mon Feb 09 08:53:58 2009
Response via : Multiple Level Calibration

Min. RRF : 0.000 Min. Rel. Area : 25% Max. R.T. Dev 0.30min
Max. RRF Dev : 30% Max. Rel. Area : 200%

	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)	R.T.
1 I	BROMOCHLOROMETHANE	1.000	1.000	0.0	90	0.00	8.30
2	FREON 115		----------NA----------				
3	DICHLORODIFLUOROMETHANE	4.380	4.808	-9.8	105	-0.01	5.04
4	FREON 152A	1.069	1.137	-6.4	96	-0.01	4.94
5	CHLORODIFLUOROMETHANE	0.498	0.539	-8.2	110	-0.02	4.97
6	PROPYLENE	1.036	1.094	-5.6	100	-0.02	4.99
7	FREON 114	4.411	4.463	-1.2	96	-0.01	5.22
8	CHLOROMETHANE	0.445	0.453	-1.8	95	-0.01	5.16
9	VINYL CHLORIDE	1.580	1.652	-4.6	95	-0.01	5.31
10	1,3-BUTADIENE	1.094	1.109	-1.4	92	-0.02	5.40
11	n-BUTANE	2.091	2.091	0.0	98	-0.01	5.43
12	BROMOMETHANE	1.614	1.628	-0.9	91	-0.02	5.59
13	CHLOROETHANE	0.844	0.877	-3.9	92	-0.02	5.70
14	FREON 123	2.251	2.251	0.0	91	-0.01	6.01
15	TRICHLOROFLUOROMETHANE	4.014	4.422	-10.2	104	-0.02	6.20
16	ISOPROPYL ALCOHOL	1.889	2.026	-7.3	96	-0.02	6.27
17	ACETONE	0.595	0.581	2.4	89	-0.02	6.11
18	PENTANE	1.286	1.349	-4.9	98	-0.01	6.43
19 H	TVHC as EQUIV PENTANE	8.100	9.369	-15.7	97	-0.02	6.43
20	ETHYL ETHER	0.655	0.664	-1.4	88	-0.02	6.44
21	1,1-DICHLOROETHYLENE	1.631	1.605	1.6	90	-0.02	6.63
22	CARBON DISULFIDE	4.233	4.217	0.4	91	-0.02	6.95
23	ETHANOL	0.500	0.500	0.0	93	-0.02	5.81
24	BROMOETHENE	1.544	1.564	-1.3	90	-0.02	5.93
25	METHYLENE CHLORIDE	1.465	1.381	5.7	92	-0.02	6.71
26	3-CHLOROPROPENE	0.608	0.629	-3.5	91	-0.02	6.79
27	FREON 113	2.583	2.553	1.2	92	-0.01	6.89
28	TRANS-1,2-DICHLOROETHYLEN	1.585	1.539	2.9	88	-0.02	7.37
29	TERTIARY BUTYL ALCOHOL	2.038	2.163	-6.1	96	-0.02	6.69
30	METHYL TERTIARY BUTYL ETH	3.878	3.811	1.7	91	-0.02	7.57
31	TETRAHYDROFURAN	1.204	1.317	-9.4	93	-0.02	8.76
32	HEXANE	1.907	1.996	-4.7	90	-0.01	8.31
33	VINYL ACETATE	0.312	0.308	1.3	82	-0.02	7.62
34	1,1-DICHLOROETHANE	2.672	2.795	-4.6	93	-0.02	7.53
35	METHYL ETHYL KETONE	0.661	0.642	2.9	84	-0.02	7.84
36	cis-1,2-DICHLOROETHYLENE	1.731	1.678	3.1	86	-0.02	8.17
37	ETHYL ACETATE	0.310	0.322	-3.9	89	-0.01	8.34
38	CHLOROFORM	3.137	3.269	-4.2	94	-0.02	8.40
39	2,4-DIMETHYLPENTANE	2.340	2.397	-2.4	91	-0.02	9.02
40	1,1,1-TRICHLOROETHANE	3.326	3.592	-8.0	99	-0.02	9.21
41	CARBON TETRACHLORIDE	3.374	3.703	-9.8	102	-0.02	9.72
42	1,2-DICHLOROETHANE	2.026	2.316	-14.3	103	-0.02	9.00

5.6

Continuing Calibration Summary

Job Number: JA12930
Account: CARICH C. A. Rich Consultants
Project: Via Verde, 700-730 Brook Avenue, Bronx, NY

Sample: V2W949-CC943
Lab FileID: 2W22084.D

43	I	1,4-DIFLUOROBENZENE	1.000	1.000	0.0	86	0.00	9.89
44		BENZENE	0.930	0.945	-1.6	87	-0.02	9.60
45		CYCLOHEXANE	0.407	0.406	0.2	89	-0.02	9.83
46		2,3-DIMETHYLPENTANE	0.193	0.207	-7.3	89	-0.02	10.02
47		TRICHLOROETHYLENE	0.395	0.400	-1.3	91	-0.02	10.52
48		1,2-DICHLOROPROPANE	0.304	0.320	-5.3	89	-0.01	10.31
49		BROMODICHLOROMETHANE	0.650	0.707	-8.8	94	-0.02	10.49
50		2,2,4-TRIMETHYLPENTANE	1.067	1.110	-4.0	93	-0.02	10.53
51		1,4-DIOXANE	0.169	0.149	11.8	82	-0.02	10.58
52		METHYL METHACRYLATE	0.281	0.290	-3.2	85	-0.02	10.71
53		HEPTANE	0.415	0.463	-11.6	99	-0.02	10.76
54	H	TVHC as EQUIV HEPTANE	2.102	2.216	-5.4	99	-0.02	10.76
55		METHYL ISOBUTYL KETONE	0.512	0.548	-7.0	97	-0.02	11.37
56		cis-1,3-DICHLOROPROPENE	0.489	0.535	-9.4	93	-0.02	11.32
57		TOLUENE	0.655	0.672	-2.6	87	-0.01	12.25
58		trans-1,3-DICHLOROPROPENE	0.485	0.551	-13.6	95	-0.02	11.82
59		1,1,2-TRICHLOROETHANE	0.300	0.314	-4.7	88	-0.01	11.99
60	I	CHLOROBENZENE-D5	1.000	1.000	0.0	89	0.00	14.04
61		2-HEXANONE	0.606	0.559	7.8	98	-0.02	12.54
62		TETRACHLOROETHYLENE	0.514	0.479	6.8	88	-0.02	13.37
63		DIBROMOCHLOROMETHANE	0.736	0.758	-3.0	93	-0.02	12.68
64		1,2-DIBROMOETHANE	0.641	0.620	3.3	88	-0.02	12.92
65		OCTANE	0.578	0.654	-13.1	103	-0.01	13.22
66		CHLOROBENZENE	0.878	0.852	3.0	88	-0.01	14.08
67		ETHYLBENZENE	1.487	1.453	2.3	89	-0.01	14.47
68		m,p-XYLENE	0.581	0.556	4.3	88	-0.01	14.67
69		o-XYLENE	0.561	0.539	3.9	89	-0.01	15.17
70		STYRENE	0.871	0.841	3.4	84	-0.01	15.06
71		NONANE	0.514	0.605	-17.7	103	-0.01	15.41
72		BROMOFORM	0.670	0.677	-1.0	89	-0.01	14.76
73	S	4-BROMOFLUOROBENZENE	0.621	0.688	-10.8	94	0.00	15.68
74		1,1,2,2-TETRACHLOROETHANE	0.666	0.651	2.3	90	-0.02	15.18
75		ISOPROPYLBENZENE	1.450	1.437	0.9	91	-0.01	15.83
76		2-CHLOROTOLUENE	1.024	1.044	-2.0	93	-0.02	16.37
77		4-ETHYLTOLUENE	1.333	1.330	0.2	88	-0.01	16.59
78		1,3,5-TRIMETHYLBENZENE	1.213	1.182	2.6	92	-0.01	16.68
79		1,2,4-TRIMETHYLBENZENE	1.129	1.146	-1.5	92	-0.01	17.15
80		m-DICHLOROBENZENE	0.726	0.695	4.3	88	0.00	17.33
81		BENZYL CHLORIDE	0.732	0.774	-5.7	94	0.00	17.32
82		p-DICHLOROBENZENE	0.699	0.655	6.3	86	-0.01	17.41
83		o-DICHLOROBENZENE	0.658	0.640	2.7	88	-0.01	17.80
84		HEXACHLOROBUTADIENE	0.284	0.267	6.0	90	0.00	20.33
85		1,2,4-TRICHLOROBENZENE	0.237	0.199	16.0	95	0.00	19.80
86		NAPHTHALENE		----------NA----------				

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

2W21936.D M2W943.M Tue Feb 17 09:53:43 2009 MS2W

5.9 5

Initial Calibration Summary

Job Number: JA12930
Account: CARICH C. A. Rich Consultants
Project: Via Verde, 700-730 Brook Avenue, Bronx, NY

Sample: V3W418-ICC418
Lab FileID: 3W10098.D

Response Factor Report MS3W

Method : C:\MSDCHEM\1\METHODS\M3W418.M (RTE Integrator)
Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
Last Update : Tue Mar 03 10:06:01 2009
Response via : Initial Calibration

Calibration Files
0.2 =3W10101.D 0.5 =3W10104.D 0.04=3W10102.D 5.0 =3W10108.D
10. =3W10105.D 20. =3W10110.D 40. =3W10106.D

	Compound	0.2	0.5	0.04	5.0	10.	20.	40.	Avg	%RSD
1)	I BROMOCHLOROMETHANE	----------ISTD----------								
2)	FREON 115								0.000	-1.00
3)	FREON 152A	1.165	0.865	0.782	0.908	0.944	0.909	0.905	0.925	12.69
4)	CHLORODIFLUOROMET	0.411	0.325		0.356	0.359	0.351	0.357	0.360	7.78
5)	DICHLORODIFLUOROM	4.926	3.792	3.949	3.804	3.900	3.773	3.722	3.981	10.64
6)	PROPYLENE	1.221	1.240		1.085	1.075	1.076	1.044	1.123	7.50
7)	FREON 114	5.783	4.192	4.511	4.391	4.575	4.324	4.129	4.558	12.35
8)	CHLOROMETHANE	1.772	1.153		1.284	1.258	1.226	1.257	1.325	16.86
9)	VINYL CHLORIDE	1.805	1.373	1.339	1.514	1.524	1.476	1.463	1.499	10.12
10)	1,3-BUTADIENE	1.337	0.952	0.768	1.055	1.069	1.034	0.982	1.028	16.53
11)	n-BUTANE	2.769	2.450	2.644	2.162	2.155	2.092	1.963	2.319	13.10
12)	BROMOMETHANE	1.919	1.357	1.881	1.476	1.514	1.429	1.416	1.570	14.69
13)	CHLOROETHANE	1.163	0.746		0.791	0.803	0.771	0.751	0.837	19.22
14)	FREON 123	3.106	2.225	2.538	2.365	2.455	2.306	2.121	2.445	13.21
15)	TRICHLOROFLUOROME	4.861	3.553	4.151	3.872	3.998	3.860	3.774	4.010	10.43
16)	ISOPROPYL ALCOHOL	2.981	2.004		1.834	2.051	2.013	1.911	2.133	19.84
17)	ACETONE	0.802	0.544	0.600	0.599	0.670	0.648	0.615	0.640	12.84
18)	PENTANE	1.862	1.275	1.727	1.401	1.404	1.356	1.263	1.470	15.79
19)	H TVHC as EQUIV PEN	7.364	5.720	6.607	6.674	7.514	7.531	7.406	6.974	9.69
20)	ETHYL ETHER	0.825	0.614	0.705	0.688	0.766	0.722	0.679	0.714	9.38
21)	1,1-DICHLOROETHYL	1.930	1.453	1.679	1.525	1.566	1.490	1.457	1.586	10.75
22)	CARBON DISULFIDE	5.410	4.022	4.563	4.127	4.303	4.076	4.034	4.362	11.47
23)	ETHANOL	0.532	0.564		0.486	0.533	0.519	0.496	0.522	5.37
24)	BROMOETHENE	1.794	1.350	1.416	1.474	1.515	1.432	1.418	1.486	9.79
25)	METHYLENE CHLORID	2.108	1.386		1.347	1.376	1.310	1.265	1.465	21.69
26)	3-CHLOROPROPENE	0.764	0.579	0.427	0.642	0.681	0.654	0.631	0.625	16.61
27)	FREON 113	3.590	2.729	2.841	2.973	3.186	2.979	2.930	3.032	9.33
28)	TRANS-1,2-DICHLOR	1.826	1.385	1.574	1.461	1.539	1.450	1.434	1.524	9.70
29)	TERTIARY BUTYL AL	2.428	1.673		1.715	1.923	1.833	1.599	1.862	16.14
30)	METHYL TERTIARY B	4.976	3.585	4.549	3.629	4.333	4.033	3.821	4.132	12.44
31)	TETRAHYDROFURAN	0.672	0.519		0.582	0.726	0.680	0.667	0.641	11.87
32)	HEXANE	2.913	2.073	2.673	2.272	2.387	2.248	2.088	2.379	13.06
33)	VINYL ACETATE	0.266	0.244		0.304	0.368	0.345	0.343	0.312	15.73
34)	1,1-DICHLOROETHAN	3.544	2.573	2.682	2.795	2.901	2.765	2.594	2.837	11.72
35)	METHYL ETHYL KETO	0.663	0.524		0.571	0.734	0.701	0.689	0.647	12.63
36)	cis-1,2-DICHLOROE	2.081	1.487	1.713	1.671	1.795	1.676	1.622	1.721	10.72
37)	ETHYL ACETATE	0.307	0.300		0.303	0.416	0.397	0.393	0.353	15.55
38)	CHLOROFORM	3.901	2.894	2.989	3.142	3.353	3.173	3.086	3.220	10.36
39)	2,4-DIMETHYLPENTA	3.506	2.486	2.721	2.736	2.905	2.723	2.563	2.806	11.99
40)	1,1,1-TRICHLOROET	3.932	2.885	3.052	3.240	3.467	3.349	3.266	3.313	10.07
41)	CARBON TETRACHLOR	4.126	3.057	3.345	3.533	3.774	3.653	3.596	3.583	9.34
42)	1,2-DICHLOROETHAN	2.325	1.639	1.929	1.869	2.033	1.960	1.903	1.951	10.53
43)	I 1,4-DIFLUOROBENZENE	----------ISTD----------								
44)	BENZENE	1.274	0.957	1.088	0.994	1.055	0.999	0.966	1.048	10.52
45)	CYCLOHEXANE	0.678	0.522	0.493	0.521	0.546	0.520	0.513	0.542	11.44

Initial Calibration Summary

Job Number: JA12930
Account: CARICH C. A. Rich Consultants
Project: Via Verde, 700-730 Brook Avenue, Bronx, NY

Sample: V3W418-ICC418
Lab FileID: 3W10098.D

46)	2,3-DIMETHYLPENTA	0.357	0.253		0.229	0.238	0.223	0.212	0.252	21.17
47)	TRICHLOROETHYLENE	0.581	0.447	0.559	0.446	0.470	0.445	0.417	0.481	13.15
48)	1,2-DICHLOROPROPA	0.462	0.349	0.443	0.358	0.383	0.364	0.348	0.387	12.12
49)	BROMODICHLOROMETH	0.779	0.619	0.652	0.663	0.720	0.685	0.643	0.680	7.93
50)	2,2,4-TRIMETHYLPE	1.959	1.537	1.771	1.507	1.554	1.450	1.337	1.588	13.19
51)	1,4-DIOXANE	0.176	0.119		0.144	0.176	0.170	0.170	0.159	14.53
52)	HEPTANE	0.778	0.589	0.677	0.555	0.564	0.534	0.483	0.597	16.62
53)H	TVHC as EQUIV HEP	3.381	2.569	2.575	2.788	2.932	2.949	2.714	2.844	9.90
54)	METHYL METHACRYLA	0.299	0.238		0.259	0.334	0.325	0.318	0.295	13.13
55)	METHYL ISOBUTYL K	0.668	0.524		0.484	0.567	0.559	0.544	0.558	11.09
56)	cis-1,3-DICHLOROP	0.598	0.485	0.504	0.528	0.591	0.565	0.551	0.546	7.85
57)	TOLUENE	0.864	0.646	0.777	0.716	0.796	0.758	0.732	0.755	9.04
58)	trans-1,3-DICHLOR	0.553	0.436	0.403	0.495	0.574	0.558	0.553	0.510	13.21
59)	1,1,2-TRICHLOROET	0.405	0.313	0.336	0.333	0.371	0.357	0.347	0.352	8.52
60)	I CHLOROBENZENE-D5	ISTD								
61)	2-HEXANONE	0.659	0.519		0.504	0.593	0.581	0.572	0.572	9.73
62)	TETRACHLOROETHYLE	0.831	0.670	0.761	0.649	0.695	0.655	0.644	0.701	10.01
63)	DIBROMOCHLOROMETH	0.920	0.760	0.738	0.860	0.966	0.913	0.890	0.864	9.86
64)	1,2-DIBROMOETHANE	0.823	0.651	0.662	0.685	0.786	0.744	0.730	0.726	8.82
65)	OCTANE	1.187	0.895	1.068	0.867	0.880	0.808	0.715	0.917	17.37
66)	CHLOROBENZENE	1.433	1.085	1.208	1.104	1.220	1.137	1.102	1.184	10.28
67)	ETHYLBENZENE	2.160	1.623	1.897	1.663	1.859	1.745	1.651	1.800	10.58
68)	m,p-XYLENE	0.839	0.654	0.740	0.680	0.766	0.723	0.673	0.725	8.85
69)	o-XYLENE	0.815	0.637	0.613	0.661	0.745	0.710	0.678	0.694	9.95
70)	STYRENE	0.952	0.823	0.683	0.937	1.115	1.079	1.051	0.949	16.21
71)	NONANE	1.125	0.867	0.962	0.844	0.871	0.810	0.692	0.882	15.24
72)	BROMOFORM	0.784	0.646	0.627	0.834	0.996	0.964	0.954	0.829	18.32
73)S	4-BROMOFLUOROBENZ	0.487	0.505	0.492	0.545	0.564	0.588	0.596	0.540	8.41
74)	1,1,2,2-TETRACHLO	0.993	0.787	0.787	0.852	0.960	0.922	0.873	0.882	9.15
75)	ISOPROPYLBENZENE	2.319	1.765	1.918	1.786	2.001	1.899	1.783	1.924	10.10
76)	2-CHLOROTOLUENE	1.574	1.174	1.357	1.180	1.308	1.246	1.195	1.291	11.05
77)	4-ETHYLTOLUENE	1.972	1.510	1.633	1.652	1.939	1.851	1.755	1.759	9.73
78)	1,3,5-TRIMETHYLBE	1.864	1.414	1.470	1.464	1.704	1.621	1.541	1.582	10.06
79)	1,2,4-TRIMETHYLBE	1.603	1.295	1.338	1.360	1.619	1.551	1.478	1.464	9.09
80)	m-DICHLOROBENZENE	1.127	0.860	0.990	0.932	1.111	1.095	1.058	1.025	9.84
81)	BENZYL CHLORIDE	0.977	0.741	0.672	0.848	1.119	1.123	1.078	0.937	19.77
82)	p-DICHLOROBENZENE	1.117	0.819	0.873	0.895	1.073	1.057	1.068	0.986	12.09
83)	o-DICHLOROBENZENE	1.090	0.790	0.923	0.868	1.009	0.995	0.992	0.952	10.47
84)	HEXACHLOROBUTADIE	0.521	0.393	0.399	0.477	0.616	0.578	0.550	0.505	17.10
85)	1,2,4-TRICHLOROBE	0.404	0.342	0.382	0.286	0.419	0.421	0.440	0.385	14.02
86)	I CHLOROBENZENE-D5(a)	ISTD								
87)	NAPHTHALENE	0.530	0.509		0.639	0.511	0.614	0.736	0.590	15.29

(#) = Out of Range

M3W418.M Tue Mar 03 11:08:28 2009 MS3W

5.9

Initial Calibration Verification

Job Number: JA12930
Account: CARICH C. A. Rich Consultants
Project: Via Verde, 700-730 Brook Avenue, Bronx, NY

Sample: V3W418-ICV418
Lab FileID: 3W10109.D

Evaluate Continuing Calibration Report

Data File : C:\MSDCHEM\1\DATA\3W10109.D
Acq On : 2 Mar 2009 9:27 pm
Sample : ICV418-10
Misc : MS49009,V3W418,,,,,1
MS Integration Params: rteint.p

Vial: 3
Operator: BENR
Inst : MS3W
Multiplr: 1.00

Method : C:\MSDCHEM\1\METHODS\M3W418.M (RTE Integrator)
Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
Last Update : Tue Mar 03 10:06:01 2009
Response via : Multiple Level Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 30% Max. Rel. Area : 150%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)	R.T.
1	I	BROMOCHLOROMETHANE	1.000	1.000	0.0	88	-0.01	7.92
2		FREON 115		----------NA----------				
3		FREON 152A	0.925	0.912	1.4	85	0.00	4.18
4		CHLORODIFLUOROMETHANE	0.360	0.364	-1.1	90	0.00	4.22
5		DICHLORODIFLUOROMETHANE	3.981	3.773	5.2	86	0.00	4.29
6		PROPYLENE	1.123	1.117	0.5	92	0.01	4.24
7		FREON 114	4.558	4.445	2.5	86	0.00	4.47
8		CHLOROMETHANE	1.325	1.253	5.4	88	0.00	4.42
9		VINYL CHLORIDE	1.499	1.480	1.3	86	0.01	4.58
10		1,3-BUTADIENE	1.028	1.077	-4.8	89	0.00	4.66
11		n-BUTANE	2.319	2.206	4.9	91	0.00	4.69
12		BROMOMETHANE	1.570	1.439	8.3	84	0.00	4.88
13		CHLOROETHANE	0.837	0.778	7.0	86	0.00	4.99
14		FREON 123	2.445	2.470	-1.0	89	0.00	5.34
15		TRICHLOROFLUOROMETHANE	4.010	3.893	2.9	86	0.00	5.55
16		ISOPROPYL ALCOHOL	2.133	1.888	11.5	81	0.00	5.62
17		ACETONE	0.640	0.683	-6.7	90	0.00	5.43
18		PENTANE	1.470	1.526	-3.8	96	0.00	5.76
19	H	TVHC as EQUIV PENTANE	6.974	7.920	-13.6	93	0.00	5.76
20		ETHYL ETHER	0.714	0.758	-6.2	88	0.00	5.79
21		1,1-DICHLOROETHYLENE	1.586	1.521	4.1	86	0.00	6.04
22		CARBON DISULFIDE	4.362	4.231	3.0	87	0.00	6.38
23		ETHANOL	0.522	0.494	5.4	82	0.00	5.10
24		BROMOETHENE	1.486	1.535	-3.3	90	0.00	5.25
25		METHYLENE CHLORIDE	1.465	1.373	6.3	88	0.00	6.15
26		3-CHLOROPROPENE	0.625	0.704	-12.6	92	0.00	6.21
27		FREON 113	3.032	2.988	1.5	83	0.00	6.30
28		TRANS-1,2-DICHLOROETHYLEN	1.524	1.510	0.9	87	0.00	6.85
29		TERTIARY BUTYL ALCOHOL	1.862	1.597	14.2	74	0.00	6.05
30		METHYL TERTIARY BUTYL ETH	4.132	4.107	0.6	84	0.00	7.03
31		TETRAHYDROFURAN	0.641	0.677	-5.6	82	-0.02	8.35
32		HEXANE	2.379	2.413	-1.4	89	0.00	7.81
33		VINYL ACETATE	0.312	0.336	-7.7	81	0.00	7.14
34		1,1-DICHLOROETHANE	2.837	2.880	-1.5	88	0.00	7.03
35		METHYL ETHYL KETONE	0.647	0.673	-4.0	81	0.00	7.36
36		cis-1,2-DICHLOROETHYLENE	1.721	1.721	0.0	85	0.00	7.78
37		ETHYL ACETATE	0.353	0.390	-10.5	83	-0.02	7.90
38		CHLOROFORM	3.220	3.289	-2.1	87	0.00	8.01
39		2,4-DIMETHYLPENTANE	2.806	2.883	-2.7	88	0.00	8.57
40		1,1,1-TRICHLOROETHANE	3.313	3.413	-3.0	87	0.00	8.87
41		CARBON TETRACHLORIDE	3.583	3.661	-2.2	86	0.00	9.43
42		1,2-DICHLOROETHANE	1.951	2.027	-3.9	88	0.00	8.66

5.9
5

Initial Calibration Verification

Job Number: JA12930
Account: CARICH C. A. Rich Consultants
Project: Via Verde, 700-730 Brook Avenue, Bronx, NY

Sample: V3W418-ICV418
Lab FileID: 3W10109.D

43	I	1,4-DIFLUOROBENZENE	1.000	1.000	0.0	88	-0.01	9.63
44		BENZENE	1.048	1.033	1.4	86	0.00	9.30
45		CYCLOHEXANE	0.542	0.539	0.6	86	0.00	9.48
46		2,3-DIMETHYLPENTANE	0.252	0.233	7.5	86	0.00	9.64
47		TRICHLOROETHYLENE	0.481	0.455	5.4	85	-0.01	10.26
48		1,2-DICHLOROPROPANE	0.387	0.374	3.4	86	-0.01	10.03
49		BROMODICHLOROMETHANE	0.680	0.716	-5.3	87	0.00	10.26
50		2,2,4-TRIMETHYLPENTANE	1.588	1.634	-2.9	92	0.00	10.17
51		1,4-DIOXANE	0.159	0.152	4.4	76	-0.01	10.32
52		HEPTANE	0.597	0.594	0.5	92	-0.01	10.42
53	H	TVHC as EQUIV HEPTANE	2.844	2.975	-4.6	89	0.00	10.42
54		METHYL METHACRYLATE	0.295	0.301	-2.0	79	0.00	10.45
55		METHYL ISOBUTYL KETONE	0.558	0.527	5.6	81	-0.01	11.08
56		cis-1,3-DICHLOROPROPENE	0.546	0.569	-4.2	84	0.00	11.11
57		TOLUENE	0.755	0.761	-0.8	84	0.00	12.04
58		trans-1,3-DICHLOROPROPENE	0.510	0.545	-6.9	83	-0.02	11.62
59		1,1,2-TRICHLOROETHANE	0.352	0.359	-2.0	85	0.00	11.80
60	I	CHLOROBENZENE-D5	1.000	1.000	0.0	87	0.00	13.88
61		2-HEXANONE	0.572	0.527	7.9	77	-0.02	12.27
62		TETRACHLOROETHYLENE	0.701	0.658	6.1	83	-0.01	13.18
63		DIBROMOCHLOROMETHANE	0.864	0.932	-7.9	84	0.00	12.52
64		1,2-DIBROMOETHANE	0.726	0.738	-1.7	82	-0.02	12.72
65		OCTANE	0.917	0.912	0.5	90	0.00	12.92
66		CHLOROBENZENE	1.184	1.145	3.3	82	0.00	13.92
67		ETHYLBENZENE	1.800	1.786	0.8	84	-0.01	14.27
68		m,p-XYLENE	0.725	0.734	-1.2	84	0.00	14.46
69		o-XYLENE	0.694	0.717	-3.3	84	0.00	14.97
70		STYRENE	0.949	1.040	-9.6	81	0.00	14.88
71		NONANE	0.882	0.960	-8.8	96	0.00	15.11
72		BROMOFORM	0.829	0.927	-11.8	81	0.00	14.61
73	S	4-BROMOFLUOROBENZENE	0.540	0.575	-6.5	89	0.00	15.51
74		1,1,2,2-TETRACHLOROETHANE	0.882	0.929	-5.3	84	-0.01	15.01
75		ISOPROPYLBENZENE	1.924	2.102	-9.3	92	-0.01	15.61
76		2-CHLOROTOLUENE	1.291	1.377	-6.7	92	-0.02	16.19
77		4-ETHYLTOLUENE	1.759	1.880	-6.9	85	0.00	16.37
78		1,3,5-TRIMETHYLBENZENE	1.582	1.642	-3.8	84	-0.01	16.45
79		1,2,4-TRIMETHYLBENZENE	1.464	1.534	-4.8	83	0.00	16.94
80		m-DICHLOROBENZENE	1.025	1.034	-0.9	81	0.00	17.15
81		BENZYL CHLORIDE	0.937	1.051	-12.2	82	0.00	17.14
82		p-DICHLOROBENZENE	0.986	0.992	-0.6	81	0.00	17.23
83		o-DICHLOROBENZENE	0.952	0.941	1.2	81	-0.01	17.64
84		HEXACHLOROBUTADIENE	0.505	0.511	-1.2	72	0.00	20.13
85		1,2,4-TRICHLOROBENZENE	0.385	0.340	11.7	71	-0.01	19.61
86	I	CHLOROBENZENE-D5(a)	1.000	1.000	0.0	111	0.00	13.88
87		NAPHTHALENE	----------NA----------					

(#) = Out of Range SPCC's out = 0 CCC's out = 0
3W10105.D M3W418.M Tue Mar 03 10:46:45 2009 MS3W

Continuing Calibration Summary

Job Number: JA12930
Account: CARICH C. A. Rich Consultants
Project: Via Verde, 700-730 Brook Avenue, Bronx, NY

Sample: V3W420-CC418
Lab FileID: 3W10144.D

Evaluate Continuing Calibration Report

Data File : C:\MSDCHEM\1\DATA\3W10144.D
Acq On : 4 Mar 2009 1:14 pm
Sample : CC418-10
Misc : MS49009,V3W420,,,,,1
MS Integration Params: rteint.p

Vial: 2
Operator: BENR
Inst : MS3W
Multiplr: 1.00

Method : C:\MSDCHEM\1\METHODS\M3W418.M (RTE Integrator)
Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
Last Update : Tue Mar 03 10:06:01 2009
Response via : Multiple Level Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 30% Max. Rel. Area : 150%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)	R.T.
1	I	BROMOCHLOROMETHANE	1.000	1.000	0.0	91	-0.01	7.92
2		FREON 115		----------NA----------				
3		FREON 152A	0.925	0.974	-5.3	93	0.00	4.18
4		CHLORODIFLUOROMETHANE	0.360	0.402	-11.7	102	0.00	4.22
5		DICHLORODIFLUOROMETHANE	3.981	4.241	-6.5	99	0.00	4.29
6		PROPYLENE	1.123	1.278	-13.8	108	0.00	4.24
7		FREON 114	4.558	4.653	-2.1	92	0.00	4.47
8		CHLOROMETHANE	1.325	1.393	-5.1	100	0.00	4.42
9		VINYL CHLORIDE	1.499	1.583	-5.6	94	0.01	4.58
10		1,3-BUTADIENE	1.028	1.132	-10.1	96	0.00	4.66
11		n-BUTANE	2.319	2.473	-6.6	104	0.00	4.69
12		BROMOMETHANE	1.570	1.459	7.1	87	0.00	4.88
13		CHLOROETHANE	0.837	0.814	2.7	92	0.00	4.99
14		FREON 123	2.445	2.377	2.8	88	0.00	5.34
15		TRICHLOROFLUOROMETHANE	4.010	4.115	-2.6	93	0.00	5.54
16		ISOPROPYL ALCOHOL	2.133	1.998	6.3	88	0.00	5.62
17		ACETONE	0.640	0.638	0.3	86	0.00	5.44
18		PENTANE	1.470	1.560	-6.1	101	0.00	5.76
19	H	TVHC as EQUIV PENTANE	6.974	7.637	-9.5	92	0.00	5.76
20		ETHYL ETHER	0.714	0.690	3.4	82	0.00	5.79
21		1,1-DICHLOROETHYLENE	1.586	1.464	7.7	85	0.00	6.04
22		CARBON DISULFIDE	4.362	4.116	5.6	87	0.00	6.37
23		ETHANOL	0.522	0.541	-3.6	92	0.00	5.10
24		BROMOETHENE	1.486	1.408	5.2	84	0.00	5.25
25		METHYLENE CHLORIDE	1.465	1.325	9.6	87	0.00	6.15
26		3-CHLOROPROPENE	0.625	0.624	0.2	83	0.00	6.21
27		FREON 113	3.032	2.778	8.4	79	0.00	6.30
28		TRANS-1,2-DICHLOROETHYLEN	1.524	1.357	11.0	80	0.00	6.85
29		TERTIARY BUTYL ALCOHOL	1.862	1.811	2.7	85	0.00	6.06
30		METHYL TERTIARY BUTYL ETH	4.132	3.591	13.1	75	0.00	7.03
31		TETRAHYDROFURAN	0.641	0.562	12.3	70	0.00	8.37
32		HEXANE	2.379	2.289	3.8	87	0.00	7.80
33		VINYL ACETATE	0.312	0.295	5.4	73	0.00	7.14
34		1,1-DICHLOROETHANE	2.837	2.785	1.8	87	0.00	7.03
35		METHYL ETHYL KETONE	0.647	0.581	10.2	72	0.00	7.36
36		cis-1,2-DICHLOROETHYLENE	1.721	1.554	9.7	78	0.00	7.78
37		ETHYL ACETATE	0.353	0.339	4.0	74	0.00	7.91
38		CHLOROFORM	3.220	3.106	3.5	84	0.00	8.01
39		2,4-DIMETHYLPENTANE	2.806	2.690	4.1	84	0.00	8.57
40		1,1,1-TRICHLOROETHANE	3.313	3.219	2.8	84	0.00	8.87
41		CARBON TETRACHLORIDE	3.583	3.480	2.9	84	0.00	9.43
42		1,2-DICHLOROETHANE	1.951	1.971	-1.0	88	0.00	8.66

Continuing Calibration Summary

Job Number: JA12930
Account: CARICH C. A. Rich Consultants
Project: Via Verde, 700-730 Brook Avenue, Bronx, NY

Sample: V3W420-CC418
Lab FileID: 3W10144.D

43 I	1,4-DIFLUOROBENZENE	1.000	1.000	0.0	90	-0.01	9.63
44	BENZENE	1.048	0.943	10.0	81	-0.01	9.30
45	CYCLOHEXANE	0.542	0.494	8.9	81	-0.01	9.47
46	2,3-DIMETHYLPENTANE	0.252	0.216	14.3	82	0.00	9.64
47	TRICHLOROETHYLENE	0.481	0.417	13.3	80	-0.01	10.26
48	1,2-DICHLOROPROPANE	0.387	0.344	11.1	81	-0.01	10.03
49	BROMODICHLOROMETHANE	0.680	0.662	2.6	83	0.00	10.26
50	2,2,4-TRIMETHYLPENTANE	1.588	1.494	5.9	87	0.00	10.17
51	1,4-DIOXANE	0.159	0.137	13.8	70	0.00	10.33
52	HEPTANE	0.597	0.573	4.0	91	-0.01	10.42
53 H	TVHC as EQUIV HEPTANE	2.844	2.717	4.5	83	-0.01	10.42
54	METHYL METHACRYLATE	0.295	0.262	11.2	71	0.00	10.45
55	METHYL ISOBUTYL KETONE	0.558	0.511	8.4	81	0.00	11.09
56	cis-1,3-DICHLOROPROPENE	0.546	0.523	4.2	80	0.00	11.11
57	TOLUENE	0.755	0.699	7.4	79	0.00	12.04
58	trans-1,3-DICHLOROPROPENE	0.510	0.506	0.8	80	-0.02	11.62
59	1,1,2-TRICHLOROETHANE	0.352	0.327	7.1	79	-0.02	11.79
60 I	CHLOROBENZENE-D5	1.000	1.000	0.0	92	-0.02	13.87
61	2-HEXANONE	0.572	0.535	6.5	83	-0.01	12.28
62	TETRACHLOROETHYLENE	0.701	0.606	13.6	80	-0.01	13.18
63	DIBROMOCHLOROMETHANE	0.864	0.819	5.2	78	-0.02	12.51
64	1,2-DIBROMOETHANE	0.726	0.653	10.1	76	-0.02	12.72
65	OCTANE	0.917	0.873	4.8	91	0.00	12.92
66	CHLOROBENZENE	1.184	1.020	13.9	77	0.00	13.92
67	ETHYLBENZENE	1.800	1.595	11.4	79	-0.01	14.27
68	m,p-XYLENE	0.725	0.650	10.3	78	0.00	14.46
69	o-XYLENE	0.694	0.643	7.3	79	0.00	14.97
70	STYRENE	0.949	0.899	5.3	74	-0.02	14.87
71	NONANE	0.882	0.866	1.8	91	0.00	15.11
72	BROMOFORM	0.829	0.808	2.5	75	-0.02	14.60
73 S	4-BROMOFLUOROBENZENE	0.540	0.592	-9.6	96	0.00	15.51
74	1,1,2,2-TETRACHLOROETHANE	0.882	0.841	4.6	81	-0.01	15.01
75	ISOPROPYLBENZENE	1.924	1.721	10.6	79	-0.01	15.61
76	2-CHLOROTOLUENE	1.291	1.156	10.5	81	-0.02	16.19
77	4-ETHYLTOLUENE	1.759	1.644	6.5	78	0.00	16.37
78	1,3,5-TRIMETHYLBENZENE	1.582	1.456	8.0	79	-0.01	16.45
79	1,2,4-TRIMETHYLBENZENE	1.464	1.376	6.0	78	0.00	16.94
80	m-DICHLOROBENZENE	1.025	0.947	7.6	78	-0.02	17.15
81	BENZYL CHLORIDE	0.937	0.934	0.3	77	0.00	17.15
82	p-DICHLOROBENZENE	0.986	0.898	8.9	77	0.00	17.23
83	o-DICHLOROBENZENE	0.952	0.853	10.4	78	-0.01	17.64
84	HEXACHLOROBUTADIENE	0.505	0.495	2.0	74	0.00	20.13
85	1,2,4-TRICHLOROBENZENE	0.385	0.309	19.7	68	-0.01	19.61
86 I	CHLOROBENZENE-D5 (a)	1.000	1.000	0.0	117	-0.01	13.87
87	NAPHTHALENE	----------NA----------					

(#) = Out of Range SPCC's out = 0 CCC's out = 0
3W10105.D M3W418.M Thu Mar 05 10:18:08 2009 MS3W

5.9

Premier Environmental Services

DATA USABILTY SUMMARY REPORT (DUSR)

VIA VERDE – 700-730 BROOK STREET
BRONX, NEW YORK

ORGANIC AND INORGANIC ANALYSES
IN AQUEOUS AND NON-AQUEOUS SAMPLES

ACCUTEST LABORATORIES
DAYTON, NEW JERSEY

PROJECT NO.: JA11802

March, 2009

Prepared for
C.A. Rich Consultants, Inc.
Plainview, New York

Prepared by
Premier Environmental Services
2815 Covered Bridge Road
Merrick, New York 11566
(516)223-9761

NYS DEC Data Usability Summary Report

DATA VALIDATION FOR:	**Volatile Organic Analyses, Base Neutral Semivolatile Organic Analyses, Pesticides, Polychlorinated Biphenyls (PCB's)**
SITE:	**Via Verde Site Bronx, New York**
CONTRACT LAB:	**Accutest Laboratories, Inc. Dayton, NJ**
REVIEWER:	**Rence Cohen**
DATE REVIEW COMPLETED:	**March, 2009**
MATRIX:	**Non-Aqueous, Aqueous**

The data validation was performed according to the guidelines in the described in the New York State Department of Environmental Conservation, Division of Environmental Remediation, Guidance for the Development of Data Usability Summary Reports (DUSR). In addition the data was been reviewed using the protocol specified in the NYS Analytical Services Protocol ('95).

All data are considered valid and acceptable except those analytes which have been rejected "R" (unreliable/unusable). Due to various QC problems some analytes may have been qualified with a "J" (estimated), "N" (presumptive evidence for the presence of the material, "U" (non-detect), or "JN" (presumptive evidence for the presence of the material at an estimated value) flag. All actions are detailed on the attached sheets.

Several factors should be noted for all persons using this data. Persons using this data should be aware that no result is guaranteed to be accurate even if it has passed all QC tests. The main purpose of this review is to appropriately qualify outliers and to determine whether the results presented meet the specific site/project criteria for data quality and data use.

This data assessment is for a total of nine (9) non-aqueous samples and one (1) Field Blank sample. The samples were collected February 6, 2009 and February 9, 2009. The samples were received at Accutest Laboratories located in Dayton, NJ. The samples were received at the laboratory on February 10, 2009. The samples were analyzed for Volatile Organic Analytes (EPA Method 8260B), Semivolatile Organic Analytes (SVOA-EPA Method 8270C), Pesticides (EPA Method 8081) and Polychlorinated Biphenyl's (PCB's, EPA Method 8082) as specified on the Chain of Custody (COC) documentation that accompanied the samples to the laboratory. In addition the samples were analyzed for TAL Metals. The inorganic data review is located in the Inorganic Data Usability Summary Report.

A cross-reference between Field Sample ID and Laboratory Sample ID is located in Table 1 of this report. A list of definitions that may be used in this report is located in Appendix A. Copies of qualified data result pages are located in Appendix B of this report and a copy of Chain of Custody (COC) documentation associated with sampling event is located in Appendix C. Copies of the unqualified summary result pages are located in Appendix D of this report.

DATA USABILITY SUMMARY REPORT (DUSR)
VIA VERDE SITE

1. OVERVIEW:

The nine (9) non-aqueous samples and one (1) Field Blank sample were submitted to the laboratory for the analyses requested on the Chain of Custody (COC) documentation. The samples were analyzed for the organic analytes using EPA Test Methods for the Evaluation of Solid Waste (SW 846), Method 8260/8270/8081/8082. The laboratory was to provide a deliverables package in accordance with the guidelines in the NYSDEC ASP, Rev '95, Category B deliverables.

Accutest Laboratories reported this data set in Laboratory Report JA11802.

2. HOLDING TIME:

The amount of an analyte in a sample can change with time due to chemical instability, degradation, volatilization, etc. If the specified holding time is exceeded, the data may not be valid. Preserved volatile organic analyses are required to be analyzed within 10 days of validated time of sample receipt (VTSR) in accordance with the NYSDEC ASP, Rev '95. The technical holding time for properly preserved aqueous and non-aqueous samples is 14 days from collection. Semivolatile Organic Analyses are to be prepared/extracted within five (5) days of validated time of sample receipt (VTSR) in accordance with the NYSDEC ASP, Rev '95. The technical holding time for properly samples is to prepare the aqueous samples within 7 days of collection and the soil samples within fourteen days of collection.

Volatile Organic Analyses – The samples in this data set were collected February 6, 2009 and February 9, 2009. All samples were received at the laboratory on February 10, 2009. Seven (7) non-aqueous samples and the Field Blank sample were analyzed for Volatile Organic analytes. All sample analyses were completed by February 20, 2009. All the field samples and QC samples associated with this data set were analyzed within the ten (10) days of VTSR.

Semivolatile Organic Analyses – Seven (7) non-aqueous samples in this data set were prepared in one (1) sample batch on February 11, 2009. The Field Blank sample was prepared in an aqueous batch on February 11, 2009. All samples in this data set were prepared within the NYS DEC ASP holding time. All extract analyses associated with this data set were completed by February 24, 2009. All samples in this data set were prepared and analyzed within the NYS DEC ASP holding time.

Pesticide Analyses – Seven (7) non-aqueous samples in this data set were prepared in two (2) sample batches on February 11, 2009 and February 18, 2009. The Field Blank sample was prepared in an aqueous batch on February 11, 2009. All samples in this data set were prepared within the NYS DEC ASP holding time. All extract analyses associated with this data set were completed by February 18, 2009. All samples in this data set were prepared and analyzed within the NYS DEC ASP holding time.

Polychlorinated Biphenyl Analyses (PCB's) – Nine (9) non-aqueous samples in this data set were prepared in two (2) sample batches on February 11, 2009 and February 13, 2009. The Field Blank sample was prepared in an aqueous batch on February 11, 2009. All samples in this data set were prepared within the NYS DEC ASP holding time. All extract analyses associated with this data set were completed by February 17, 2009. All samples in this data set were prepared and analyzed within the NYS DEC ASP holding time.

3. SURROGATES:

All samples are spiked with surrogate compounds prior to sample preparation to evaluate the overall laboratory performance and the efficiency of the analytical technique. If the measured surrogate concentrations are outside the QC limits, qualifiers were applied to the effected samples.

Volatile Organic Analyses – Each sample was spiked with the surrogate compounds Dibromofluomethane. 1,2-Dichloroethane-d4, Toluene-d8 and 4-Bromofluorobenzene. In-house recovery limits were utilized by the laboratory. The percent recovery of all surrogates met QC limits in all of the samples associated with this data set.

Semivolatile Organic Analyses – Each sample was spiked with the surrogate compounds 2-Fluorophenol, Phenol-d5, 2,4,6-Tribromophenol, Nitrobenzene-d5, 2-Fluorobiphenyl and Terphenyl-d14. The surrogate recovery of all aqueous and non-aqueous samples in this data set met in-house QC criteria.

Pesticide Analyses – The surrogates Tetrachloro-m-xylene (TCX) and Decachlorobiphenyl (DCB) were added to each sample prior to sample extraction. The laboratory reported surrogate recovery from both columns on the summary forms. The in-house limit for recovery of TCMX is 34-132%. The recovery of TCMX all field samples and QC samples associated with this data set met QA limits. The in-house recovery limit of DCB is 25-146%. The DCB recovery met QC limits in all field samples with the exception of sample MW-4 (1Ft), MW-4 (4Ft) and MW-X (4Ft) from column 2. All recoveries met QC criteria on column 1. The recoveries were slightly above the QC limit. Pesticides were not detected in any samples associated with this data set. In addition, surrogate recoveries are advisory therefore no action has been taken.

Polychlorinated Biphenyl Analyses (PCB's) – The surrogates Tetrachloro-m-xylene (TCX) and Decachlorobiphenyl (DCB) were added to each sample prior to sample extraction. The laboratory reported surrogate recovery from both columns on the summary forms. The laboratory applied in-house QC limits for each of the surrogates. The surrogate recovery of each surrogate met QC criteria in all aqueous and non-aqueous samples associated with this data set.

4. MATRIX SPIKE/SPIKE DUPLICATE, MS/MSD:

The MS/MSD data are generated to determine the long term precision and accuracy of the analytical method in various matrices. The MS/MSD may be used in conjunction with other QC criteria for additional qualification of data. The laboratory used the in-house generated recovery criteria and RPD (precision) data for reporting purposes.

Volatile Organic Analyses – One (1) site specific soil sample was utilized for the MS/MSD analysis. MS/MSD analysis was preformed on sample MW-5 (0-2"). The sample was spiked with method specified analytes and reported on a summary form. The recovery of all spiked compounds met QC. Two (2) batch QC MS/MSD samples are associated with this data set. Data was not qualified based on the recovery of the MS and MSD in the Batch QC samples.

Semivolatile Organic Analyses – One (1) site specific soil sample was utilized for the MS/MSD analysis. MS/MSD analysis was preformed on sample MW-5 (0-2"). The sample was spiked with method specified analytes and reported on a summary form. The recovery of all spiked compounds met QC criteria in both the MS and MSD sample. All RPD criteria were met in this site specific MS/MSD analysis.

Batch QC MS/MSD was reported with the Field Blank sample in this data set. Sample data was not qualified based on the results of Batch QC MS/MSD data.

4. MATRIX SPIKE/SPIKE DUPLICATE, MS/MSD (cont'd):

Pesticide Analyses – One (1) site specific soil sample was utilized for the MS/MSD analysis. MS/MSD analysis was preformed on sample MW-5 (0-2"). The sample was spiked with method specified analytes and reported on a summary form. The recovery of all spiked compounds met QC criteria in both the MS and MSD sample. All RPD criteria with the exception of Endrin Aldehyde were met in this site specific MS/MSD analysis. The RPD was slightly higher than QC limits although the percent recovery of this analyte met QC criteria in the MS and MSD sample. Sample data was not qualified based on this anamoly.

Batch QC MS/MSD was reported with the Field Blank sample in this data set. Sample data was not qualified based on the results of Batch QC MS/MSD data.

Polychlorinated Biphenyl Analyses – One (1) site specific soil sample was utilized for the MS/MSD analysis. MS/MSD analysis was preformed on sample MW-5 (0-2"). The sample was spiked with method specified analytes and reported on a summary form. The recovery of all spiked compounds met QC criteria in both the MS and MSD sample. All RPD criteria were met in this site specific MS/MSD analysis.

Batch QC MS/MSD was reported with the Field Blank sample in this data set. Sample data was not qualified based on the results of Batch QC MS/MSD data.

5. BLANK SPIKE ANALYSIS:

The NY ASP protocol requires that a blank spike analysis be performed with each sample batch. The blank spike analysis is used to insure that the analytical system is in control. The laboratory applied in-house recovery limits for each analyte.

Volatile Organic Analytes – The laboratory performed one (1) blank spike analyses with each sample batch. The laboratory reported the recoveries of each spiked analyte. All spike recoveries met QC criteria in the blank spike samples analyzed on February 20, 2009 (Inst. V3B and VG). The spike recovery of all target analytes with the exception of Isopropylbenzene met QC criteria. The recovery was above the QC limit. Isopropylbenzene was not detected in any of the samples associated with this blank spike sample therefore no action was taken.

Semivolatile Organic Analytes – The laboratory performed one (1) aqueous and one (1) non-aqueous blank spike analysis with this data set. The blank spike samples were spiked with the full target compound list of analytes. The spike recovery of all target analytes met QC criteria in each of the blank spike samples associated with this data set.

Pesticide Analyses - The laboratory prepared and analyzed three (3) matrix spike blank samples with this data set. The recovery of all target analytes met QC criteria in each of the MSB samples.

Polychlorinated Biphenyl Analyses - The laboratory prepared and analyzed three (3) blank spike analyses with this data set. Each of the MSB samples was spiked Aroclor 1016 and Aroclor 1260. The spike recovery of each Aroclor met QC criteria in each of the blank spike samples.

DATA USABILITY SUMMARY REPORT (DUSR)
VIA VERDE SITE

6. BLANK CONTAMINATION:

Quality assurance (QA) blanks, such as the method, trip, field, or rinse blanks are prepared to identify any contamination that may have been introduced into the samples during sample preparation or field activity. Method blanks measure laboratory contamination. Trip blanks measure cross-contamination of samples during shipment. Field blanks measure cross-contamination of samples during field operations. Samples are then qualified based on blank contamination when detected.

A) Method Blank contamination

Volatile Organic Analyses – Three (3) method blank samples are associated with this data set. The aqueous method blank sample was free from contamination of all target analytes. Two (2) non aqueous method blank samples are associated with the soil samples in this data set. The method blank sample that was analyzed on February 19, 2009 was free from contamination of target analytes. The method blank analyzed on February 20, 2009 contained Methylene Chloride at a concentration of 0.96 J ug/l. Methylene Chloride was not detected in the associated samples, therefore, no action was taken.

Semivolatile Organic Analyses – One (1) aqueous and one (1) non-aqueous method blank is associated with the samples in this data set. Both of the method blank samples were free from contamination of all target analytes.

Pesticide Analyses – One (1) aqueous and two (2) non-aqueous method blank samples are associated with this data set. Each of the method blank samples was free from contamination of target analytes.

Polychlorinated Biphenyl Analyses – One (1) aqueous and two (2) non-aqueous method blank samples are associated with the PCB analyses. Each of the method blank samples was free from contamination of target analytes.

B) Field Blank/Rinse Blank contamination

The Field Blank-FB 2/9 (JA11802-10) was free from contamination of target analytes for all organic analytes in this data set.

C) Trip Blank contamination

Volatile Organic Analyses – A Trip Blank sample is not associated with this data set.

DATA USABILITY SUMMARY REPORT (DUSR)
VIA VERDE SITE

7. GC/MS CALIBRATION:

Satisfactory instrument calibration is established to ensure that the instrument is capable of producing acceptable quantitative data. An initial calibration demonstrates that the instrument is capable of giving acceptable performance at the beginning of an experimental sequence. The continuing calibration verifies that the instrument is giving satisfactory daily performance. USEPA data validation criteria is the same for all analytes in both GC/MS Volatile and GC/MS Semivolatile Organic analyses, therefore, all text discussion is for VOA and SVOA samples analyses.

A) RESPONSE FACTOR

The response factor measures the instrument's response to specific chemical compounds. USEPA data review requires that the response factor of all analytes be greater than or equal to 0.05 in both initial and continuing calibration analyses. A value less than 0.05 indicates a serious detection and quantitation problem (poor sensitivity). USEPA data validation criteria states that if the minimum RRF criteria are not met in an initial calibration the positive results are qualified "J". Non-detect results in the initial calibration with a RRF <0.05 are qualified "R", unusable. If RRF criteria is not met in the continuing calibration curve analysis, affected positive analytes will be qualified "J" estimated. Those analytes not detected are not qualified. The SW-846 Methods cite specific analytes known as System Performance Check Compounds (SPCC). Minimum response criteria are set for these analytes. If the minimum criteria are not met, analyses must stop and the source of problems must be found and corrected. Data associated with this set has been reviewed for the criteria in the cited in the EPA Method and the USEPA criteria.

Volatile Organic Analyses – One (1) aqueous initial calibration curve analysis is associated with this data set. The laboratory performed a multi level calibration on February 3, 2009 (Inst V3B). The RRF for all target compounds met QC criteria in this initial calibration curve. One (1) continuing calibration standard is associated with the Field Blank sample analysis. All RRF criteria were met in the continuing calibration standard analyses.

Two (2) non-aqueous initial calibration curve analysis are associated with the soil samples in this data set. The laboratory performed a multi level calibration on February 10, 2009 (Inst VG). The RRF for all target compounds met QC criteria in this initial calibration curve. One (1) continuing calibration standard (File ID: G118124.D, 2/20/09) is associated with this calibration curve. All RRF criteria were met in the continuing calibration standard analyses.

An additional initial calibration curve analysis was performed on February 17, 2009 (Inst. VY). The RRF criteria were met for all target analytes with the exception of 2-Butanone (0.048) and Acetone (0.044). Acetone has been qualified "R" in the samples associated with this initial calibration curve analysis. 2-Butanone was qualified "UJ" estimated because linear regression was used for all sample result calculations. One (1) continuing calibration standard (File ID: Y85118.D, 2/19/09) is associated with this calibration curve. All RRF criteria were met in the continuing calibration standard analyses. All RRF criteria were met in the continuing calibration standard analysis with the exception of Acetone (0.048). This target analyte was previously qualified therefore no additional action was taken.

Qualified data result pages are located in Appendix B of this report.

DATA USABILITY SUMMARY REPORT (DUSR)
VIA VERDE SITE

7. GC/MS CALIBRATION:

A) RESPONSE FACTOR (cont'd):

Semivolatile Organic Analyses – Two (2) initial calibration curve analyses are associated with the samples in this data set. The laboratory performed one initial multi level calibration on December 30, 2008 (Inst. Z). This initial calibration curve analysis is associated with the Field Blank sample. The RRF for all compounds met QC criteria in this curve analysis. One (1) continuing calibration standard was analyzed on February 11, 2009. The RRF for each target analyte met QC criteria in this CCV standard.

An additional initial calibration curve analysis was performed on December 19, 2008/December 23, 2008 (Inst. M). This curve analysis is associated with the soil samples in this data set. The RRF of all target analytes met QC criteria in this initial calibration curve analysis. Three (3) continuing calibration standards are associated with the non-aqueous samples in this data set. The RRF of all target analytes met QC criteria in each of these CCV analyses.

B) PERCENT RELATIVE STANDARD DEVIATION (RSD) AND PERCENT DIFFERENCE (%D):

Percent RSD is calculated from the initial calibration and is used to indicate the stability of the specific compound response factor over increasing concentration. Percent D compares the response factor of the compounds in the continuing calibration standard to the mean response factor (RRF) from the initial calibration. Percent D is a measure of the instrument's daily performance. Region II data validation criteria states that the percent RSD of the initial calibration curve must be less than or equal to 30%. The %D must be <25% in the continuing calibration standard. This criteria has been applied to all target analytes. A value outside of these limits indicates potential detection and quantitation errors. For these reasons, all positive results are flagged as estimated, "J" and non-detects may be flagged "UJ", based on professional judgement. If %RSD and %D grossly exceed QC criteria (>90%), non-detects data may be qualified "R", unuseable. Data associated with this set has been reviewed for the criteria in the cited in the USEPA Data Validation Guidelines.

Volatile Organic Analyses – One (1) aqueous initial calibration curve analysis is associated with this data set. All RSD% met QC criteria in the initial calibration curve analyzed on February 3, 2009 (Inst. V3B). All target analyte RSD% met QC criteria. One (1) continuing calibration standard analysis is associated with the Field Blank sample in this data set. The %Difference met QC criteria for all target analytes with the exception of Acetone (39.4%) in this continuing calibration standard analysis. Acetone has been qualified in the Field Blank sample associated with this data set.

Two (2) non-aqueous initial calibration curve analyses are associated with this data set. One (1) initial curve was analyzed on February 10, 2009 (Inst. VG). All RSD% met QC criteria in this initial calibration curve analysis. One (1) continuing calibration standard (File ID: G118124.D) analysis is associated with this curve analysis. All %Difference criteria were met in this CCV analysis.

An additional calibration curve analysis was performed on February 17, 2009 (Inst. VY). All %RSD criteria were met with the exception of 2-Butanone (35.30%). 2-Butanone has been qualified "UJ" estimated in the samples associated with this calibration curve analysis. One (1) continuing calibration standard analysis is associated with this initial calibration curve analysis. The %Difference of all target analytes met QC criteria in this CCV analysis.

DATA USABILITY SUMMARY REPORT (DUSR)
VIA VERDE SITE

7. GC/MS CALIBRATION:

B) PERCENT RELATIVE STANDARD DEVIATION (RSD) AND PERCENT DIFFERENCE (%D) (cont'd):

Semivolatile Organic Analyses – Two (2) initial calibration curve analyses are associated with the samples in this data set. The laboratory performed one initial multi level calibration on December 30, 2008 (Inst. Z). This initial calibration curve analysis is associated with the Field Blank sample. The %RSD for all compounds met QC criteria in this curve analysis. One (1) continuing calibration standard was analyzed on February 11, 2009. The %Difference for each target analyte met QC criteria in this CCV standard.

An additional initial calibration curve analysis was performed on December 19, 2008/December 23, 2008 (Inst. M). This curve analysis is associated with the soil samples in this data set. The %RSD of all target analytes met QC criteria in this initial calibration curve analysis. Three (3) continuing calibration standards are associated with the non-aqueous samples in this data set. The %Difference of all target analytes met QC criteria in each of these CCV analyses.

8. GC CALIBRATION

GC Calibration for the Pesticides and Polychlorinated Biphenyl's (PCB's) was performed in accordance with the USEPA Method. Analysis was performed via a single injection with a splitter and dual column analysis. Pesticide analysis was performed using a multi level calibration for each of the target pesticide compounds. Retention time windows and response factors/calibration factors were calculated for each target analyte. %RSD was then summarized in the data report. PCB initial calibration was performed using an initial five (5) point calibration of Aroclor 1016 and 1260. The analyte calibration factors and retention time windows are established. A single point of each of the other Aroclors was analyzed and provided for review. The %RSD of each analyte/peak/Arolocr must be less than 20% in the initial calibration curve analysis. Continuing calibration of each analysis is performed after each ten (10) field samples or more frequently. Relative Percent Difference was calculated for each peak/analyte. Data qualifiers were applied to sample results when QC criteria were not met. Instrument and calibration criteria are then summarized on the USEPA CLP 'like' forms that were included in the data report for review.

Pesticide Analyses - Initial calibration curve analyses were performed. The laboratory provided calibration summaries, DDT and Endrin breakdown reports for each day of analysis. Retention time windows were reported for each analyte on each column with each calibraton curve analysis. The laboratory reported the %RSD for each pesticide analyte. All RSD criteria were met for these analyses. A single point standard of Toxaphene and Chlordane were analyzed. All QC criteria associated with the initial calibration curve analysis was met.

PCB Analyses – Three (3) initial calibration curve analyses are associated with this data set. Three (3) five point initial calibration analyses were performed for Aroclor 1016 and Aroclor 1260. Retention Time windows were determined on each column. The laboratory reported the %RSD of each peak in Aroclor 1016 and Aroclor 1260 from each column. All were less than 20%. A single point standard of all other PCB's was analyzed. All QC criteria associated with the initial calibration curve analysis was met.

DATA USABILITY SUMMARY REPORT (DUSR)
VIA VERDE SITE

9. GC/MS MASS SPECTROMETER TUNING:

Tuning and performance criteria are established to ensure adequate mass resolution, proper identification of compounds, and to some degree, sufficient instrument sensitivity. These criteria are not sample specific. Instrument performance is determined using standard materials. Therefore, these criteria should be met in all circumstances. The tuning standard for volatile organics is Bromofluorobenzene (BFB). The tuning compound for semivolatile organic analyses is decafluorotriphenylphosphine (DFTPP). If the mass calibration is in error, or missing, all associated data will be classified as unusable, "R".

Volatile Organic Analyses/ Semivolatile Organic Analyses – All instrument tuning criteria was met for these sample analyses.

10. GC/MS INTERNAL STANDARDS PERFORMANCE:

Internal standard (IS) performance criteria ensure that the GC/MS sensitivity and response are stable during every run. The method recommends that the internal standard area count must not vary by more than a factor of 2 (-50%to +100%) from the associated continuing calibration standard. The method recommends that the retention time of the internal standard must not vary more than ±30 seconds from the associated continuing calibration standard. The EPA CLP validation guidelines state that if the area count is outside the (-50% to +100%) range of the associated standard, all of the positive results for compounds quantitated using that IS are qualified estimated, "J", and all non-detects below 50% are qualified "UJ", non-detects above 100% should not be qualified or "R" if there is a severe loss of sensitivity. The internal standard evaluation criteria has been applied to all field and QC samples.

Volatile Organic Analyses – All samples were fortified with the internal standards Tert Butyl Alcohol-d9, Pentafluorobenzene, 1,4-Difluorobenzene, Chorobenzene-d5 and 1,4-Dichlorobenzene. Internal standard area count criteria were met for all samples and QC samples associated with this data set.

Semivolatile Organic Analyses – All samples were fortified with the internal standards 1,4-Dichlorobenzene-d4, Naphthalene-d8, Acenaphthene-d10, Phenanthrene-d10, Chrysene-d12 and Perylene-d12. Internal standard area count criteria were met in all samples associated with this data set.

DATA USABILITY SUMMARY REPORT (DUSR)
VIA VERDE SITE

11. COMPOUND IDENTIFICATION:

Target compounds are identified on the GC/MS by using the analyte's relative retention time (RRT) and by comparison to the ion spectra obtained from known standards. For the results to be a positive hit, the sample peak must be within ± 0.06 RRT units of the standard compound, and have an ion spectra which has a ratio of the primary and secondary ion intensities with 20% of that in the standard compound. Target compounds are identified on the GC by using the analytes retention time. Concentration is quantitated from the initial calibration curve.

Volatile Organic Analyses – All samples reported the method 8260B list of analytes. Tentatively Identified Compounds (TIC's) were not reported with this data set. All sample data was reported within the calibration range of the instrument. All samples were analyzed without dilution. Soil sample results and reporting limits are reported on a dry weight basis.

Semivolatile Organic Analyses – Seven (7) non-aqueous and one (1) Field Blank sample were analyzed for the Target Compound List (TCL) analytes. Tentatively Identified Compounds (TIC's) were not reported with this data set. Each of the samples in this data set were analyzed and reported without additional dilution. Soil sample results and reporting limits are reported on a dry weight basis.

Pesticide Analyses – Seven (7) soil samples and one (1) Field Blank samplewere extracted, analyzed and reported for the target analyte list of Pesticides. Pesticides were not detected in any of the samples associated with this data set. All samples were reported on a dry weight basis to the base reporting limit.

Polychlorinated Biphenyl Analyses – Nine (9) soil samples and one (1) Field Blank sample were extracted, analyzed and reported for Polychlorinated Biphenyl's (PCB's). Aroclors were not detected in any of the samples in this data set. All samples were reported on a dry weight basis to the base reporting limit.

DATA USABILITY SUMMARY REPORT (DUSR)
VIA VERDE SITE

12. FIELD DUPLICATE ANALYSES:

Field duplicate samples are collected and analyzed as an indication of overall precision. These results are expected to have more variability than laboratory duplicate samples. Soil samples have a greater variability than aqueous samples. Percent moisture and reported dilution factors also tend to lead to greater variability in RPD. Analytes reported above the reporting limit are listed. Data was not qualified based on the calculated RPD of field duplicate sample analyses.

Sample MW-4 (4Ft) and MW-X (4Ft) are field duplicate samples. Volatile Organic, Pesticide and PCB analytes were not detected in either of the field duplicate samples. A comparison of field duplicate data could not be made for theses parameters.

Sample ID: MW-4 (4FT) (JA11802-6)/MW-X (4Ft) (JA11802-7)

Analyte	Result (ug/kg)	Result (ug/kg)	%RPD (%)
Benzo(b)fluoranthene	ND	21.9 J	NC
Bis(2-Ethylhexyl)phthalate	ND	53.9 J	NC
Indeno(1,2,3-cd)pyrene	ND	14.8	NC
Pyrene	ND	17.2	NC

ND denotes Not Detected
NC denotes Not Calculated

13. OVERALL ASSESSMENT:

Analytical QC criteria were met for these analyses. The data reported agrees with the raw data provided by the laboratory for review. The laboratory provided a complete data package/report for review. All soil samples associated with this data set have been reported on a dry weight basis.

The Volatile Organic sample data provided for this data set is acceptable for use, with the noted data qualifiers. Qualifiers are detailed in the above report. The Semivolatile Organic, Pesticide and PCB data associated with this collection set is acceptable for use, without data qualifiers.

Qualified data result pages are located in Appendix B of this report.

Appendix D of this report contains copies of the QC summary report pages that were included in the laboratory data report.

NYS DEC Data Usability Summary Report

DATA VALIDATION FOR:	**TAL Metals**
SITE:	**Via Verde Bronx, New York**
CONTRACT LAB:	**Accutest Laboratories, Inc. Dayton, New Jersey**
REVIEWER:	**Renee Cohen**
DATE REVIEW COMPLETED:	**March, 2009**
MATRIX:	**Aqueous, Non-Aqueous**

The data validation was performed according to the guidelines in the described in the New York State Department of Environmental Conservation, Division of Environmental Remediation, Guidance for the Development of Data Usability Summary Reports (DUSR). In addition the data was been reviewed using the protocol specified in the NYS Analytical Services Protocol ('95).

All data are considered valid and acceptable except those analytes which have been rejected "R" (unreliable/unusable). Due to various QC problems some analytes may have been qualified with a "J" (estimated), "N" (presumptive evidence for the presence of the material, "U" (non-detect), or "JN" (presumptive evidence for the presence of the material at an estimated value) flag. All actions are detailed on the attached sheets.

Several factors should be noted for all persons using this data. Persons using this data should be aware that no result is guaranteed to be accurate even if it has passed all QC tests. The main purpose of this review is to appropriately qualify outliers and to determine whether the results presented meet the specific site/project criteria for data quality and data use.

Nine (9) non-aqueous samples and one (1) Field Blank sample are associated with this data set. This data assessment is for seven (7) non aqueous samples and one (1) Field Blank sample that were marked on the Chain of Custody for TAL Metal analyses. The samples in this data set were collected February 6, 2009 and February 9, 2009. The samples were received at Accutest Laboratories located in Dayton, New Jersey on February 10, 2009. The Chain of Custody documents listed which samples were to be analyzed for the TAL Metal List.

The data evaluation was performed according to the guidelines noted in the "National Functional Guidelines for Inorganic Data Review, October, 2004 and the NYSDEC ASP. A Data Usability Summary Report (DUSR) has been prepared in accordance with the guidelines of the Division of Environmental Remediation.

Table 1 of this report contains a cross reference between the Field Sample ID's and the Laboratory Sample ID's.

Appendix A of this Data Usability Summary Report (DUSR) contains a summary of the data qualifiers that may be used in the report. Appendix B contains the qualified data result pages. Appendix C contains the Chain of Custody (COC) documents associated with this data set. Appendix D of this report contains copies of the QC summary report pages that were included in the final laboratory report. These pages are not notated or qualified. The samples in this data set were also analyzed for organic analytes. The organic analytes are reviewed and reported in the organic DUSR that is included with this report.

DATA USABILITY SUMMARY REPORT (DUSR)
VIA VERDE SITE

1. HOLDING TIME

The amount of an analyte in a sample can change with time due to chemical instability, degradation, volatilization, etc. If the specified holding time is exceeded, the data may not be valid. Metals with the exception of Mercury are required to be digested and analyzed within 180 days of Verified Time of Sample Receipt (VTSR). Mercury samples are to be digested and analyzed within 26 days of VTSR.

All samples associated with this data set were prepared and analyzed within the cited method holding time.

2. CALIBRATION ANALYSIS

Inductively Coupled Plasma (ICP) (EPA Method 6010B) was utilized for the Target Analyte List (TAL) of analytes with the exception of Mercury. Mercury was analyzed by EPA Method 7470A/7471A.

The ICP was calibrated using a single point standard as required by the manufacturer. Initial calibration verification (ICV) standard was then analyzed to verify instrument calibration. The field samples associated with this data set were analyzed within two (2) sequences between February 13, 2009 and February 17, 2009.

Recoveries of the ICV standard associated with the analytical sequence met QC criteria. One continuing calibration verification (CCV) standard was then analyzed after each ten (10) field samples. All CCV percent recoveries met QC criteria.

Analysis for Cold Vapor Mercury is calibrated using multi point standards and calculating the correlation coefficient of the curve. One of the calibrations standards must be analyzed at the CRDL. The non-aqueous Mercury analyses associated with this data set were analyzed February 20, 2009. The initial calibration met QC criteria. Continuing calibration standard analysis was performed using a mid point standard and calculating the concentration of the standard in terms of recovery from the initial calibration curve. All continuing calibration analyses associated with this data set met QC criteria.

The Field Blank Mercury analysis was completed on February 19, 2009. The initial calibration met QC criteria. Continuing calibration standard analysis was performed using a mid point standard and calculating the concentration of the standard in terms of recovery from the initial calibration curve. All continuing calibration analyses associated with this data set met QC criteria.

3. CRDL STANDARD

The CRDL standard is used for the verification of instrument linearity near the CRDL. The CRDL standard control limits are 50%-130% recovery. If the CRDL standard falls outside of the control limits, associated data less than or equal to the 10X the CRDL are qualified estimated (J or UJ) or rejected (R) depending on the recovery of the CRDL standard and the concentration of the analyte in the sample. When the CRDL standard exceeds the control limit, indicating a high bias samples are qualified estimated (J or UJ).

The ICP CRDL standards met QC criteria for analytes with the exception of Lead (60%) in the February 13, 2009 analytical run and Zinc (137%) in the February 16-17, 2009 sequence. Lead and Zinc have been qualified (UJ/J) estimated in the samples that were associated with these analytical sequences.

Qualified data result pages are located in Appendix B of this report.

4. ICP INTERFERENCE CHECK STANDARD

The Interference Check Standard (ICS) is used to verify the laboratory interelement and background correction factors of the ICP. Two solutions comprise the ICS A and ICS AB. Solution A consists of the interferent metals while solution AB is the group of target analytes and the interferents metals. An ICS analysis consists of analyzing both solutions consecutively for all wavelengths used for each analyte reported by ICP. The recovery of each analyte in the ICSAB solution must be +/-20% of the true value.

All ICSA and ICSAB recoveries associated with the reported analyses met QC criteria in each of the analytical sequences associated with this data set.

5. MATRIX SPIKE/MATRIX SPIKE DUPLICATE (MS/MSD) ANALYSIS

The spike sample analysis provides information about the effect of the sample matrix upon the digestion and measurement methodology. The spike control limits are 75%-125% when the sample concentration is less than four (4) times the spike added. If the matrix spike recoveries fall in the range of 30%-74%, the sample results are may be biased low and are qualified as estimated (J or UJ). If the matrix spike recoveries fall in the range of 126%-200%, sample results may be biased high. Positive results are qualified estimated (J). If the spike recovery is greater than 125% and the reported sample result is less than the IDL the data point is acceptable for use. If the matrix spike recovery is greater than 200%, the associated sample data are unusable and are rejected (R). If matrix spike results are less than 30%, the associated non-detect results are qualified unusable and rejected (R), and the results reported above the IDL are qualified estimated (J).

Sample MW-5 (0-2") was utilized as the MS sample in this data set. The sample was prepared and analyzed as both a Matrix Spike and Matrix Spike Duplicate (MS/MSD) sample. All percent recoveries met QC criteria with the exception of Antimony (43.3%/44.4%), Calcium (9.2%/no recovery), Iron (69.4%), Magnesium (0%/0%) and Manganese (52.0%). All of these analytes were qualified N, as required by the laboratory on the sample result pages. These target analytes have been qualified "UJ/J" estimated in each of the soil samples in this data set. This sample was also utilized for the Mercury MS sample analysis. The recovery of Mercury in the MS sample was 79.1%. Mercury has been qualified "UJ/J" estimated in the samples associated with this data set.

Batch QC was utilized for the aqueous Field Blank sample associated with this data set. Sample data was not qualified based on the results of batch QC MS data.

Qualified data result pages are located in Appendix B of this report.

6. POST DIGESTION SPIKE ANALYSIS

The post digestion spike sample analysis provides additional information about the effect of the sample matrix upon the digestion and measurement methodology. The post digestion spike is performed for each analyte that the pre-digestion spike recovery falls outside the 75-125% control limit.

Post digestion spike analysis was not reported with this data set.

7. DUPLICATE SAMPLE ANALYSIS

The laboratory duplicate sample analysis is used to evaluate the laboratory precision of the method for each analyte. If the duplicate sample analysis results for a particular analyte fall outside the control windows of 20% RPD or +/- CRDL, (35% for soil samples) whichever is appropriate depending upon the concentration of the sample, the associated sample results are qualified "J" estimated. Soil samples typically have more variation in data results based on the non-homogeneity of the soil.

Accutest Laboratories did not prepare a laboratory duplicate with this sample batch. Matrix Spike duplicate analysis was performed on sample MW-5 (0-2") for both Mercury and the ICP metals set. The relative percent difference (RPD) between the MS and MSD sample met QC criteria for all target analytes with the exception of Calcium (31.4%). Based on the validation criteria Calcium has been qualified "UJ/J", estimated in each of the samples in this data set.

Qualified data result pages are located in Appendix B of this report.

8. ICP SERIAL DILUTION

The serial dilution analysis indicates whether significant physical or chemical interference's exist due to the sample matrix. If the concentration of any analyte in the original sample is greater than 50 times the instrument detection limit (IDL), an analysis of a 5-fold dilution samples must yield results which have a percent difference (%D) of less than or equal to 10 with the original sample results. If the %D of the serial dilution exceeds the 10% (and is not greater than 100%) for a particular analyte, all the associated sample results are qualified estimated (J).

The non-aqueous samples in this data set were prepared in one (1) batch. Serial dilution analysis was performed on non-aqueous sample MW-5 (0-2"). All Serial Dilution analyses met QC criteria with the exception of Barium (11.6%), Calcium (11.6%), Chromium (12.7%), Iron (12.4%), Lead (27.7%), Manganese (12.9%), Potassium (19.7%) and Vanadium (13.0%). These target analytes have been qualified "UJ/J" estimated in each of the samples in this data set.

Qualified data result pages are located in Appendix B of this report.

9. BLANKS

Blank analyses are assessed to determine the existence and magnitude of contamination problems. The criteria for the evaluation of blanks applies to all blanks, including but not limited to reagent blanks, method blanks and field blanks. The responsibility for action in the case of an unsuitable blank result depends upon the circumstances and the origin of the blank itself. If the problem with any blank exists, then all associated data must be carefully evaluated to determine whether there is inherent variability in the data for that case, or the problem is an isolated occurrence not affecting other data.

ICP Metals – The soil samples in this data set were prepared in one (1) batch on February 13, 2009. The method blank was free from contamination of all target analytes. The Field blank sample was prepared on February 12, 2009. This method blank sample was free from contamination of all target analytes.

Mercury Analyses - The soil samples in this data set were prepared in one (1) batch on February 20, 2009. The method blank was free from contamination. The Field blank sample was prepared on February 19, 2009. This method blank sample was free from contamination of all target analytes.

10. LABORATORY CONTROL SAMPLE ANALYSIS (LCS)

The laboratory control sample (LCS) analysis provides information about the efficiency of the laboratory digestion procedure. If the recovery of any analyte is outside the established control limits, then laboratory performance and method accuracy are in question. Professional judgment is used to determine of data should be qualified or rejected.

Accutest Laboratories prepared and analyzed one (1) non-aqueous LCS sample with the ICP digestion batch associated with the soil samples in this data set. Limits of 80-120% recovery for each target analyte were applied by the laboratory. The recovery of all target analytes met QC criteria in the non-aqueous ICP LCS sample. One (1) LCS sample was prepared and analyzed with the Mercury sample analyses. The recovery of Mercury met QC criteria in the non-aqueous LCS sample.

Accutest Laboratories prepared and analyzed one (1) aqueous LCS sample with the ICP digestion batch associated with the Field Blank sample. Limits of 80-120% recovery for each target analyte were applied by the laboratory. The recovery of all target analytes met QC criteria in the aqueous ICP LCS sample. One (1) LCS sample was prepared and analyzed with the aqueous Mercury sample analyses. The recovery of Mercury met QC criteria in the aqueous LCS sample.

11. SAMPLE COMMENTS

All samples in this data set were analyzed in accordance with the cited method. All data was reported correctly. Sample digestates did not need additional dilution analysis. All sample concentrations were reported within the linear range of the insrument. Soil sample results were reported on a dry weight basis as required

12. INSTRUMENT QC DATA

The laboratory is required by the method to perform specific instrument verification tests on a specific timeframe. Based on a review of the QC summary forms included in the data report, Accutest Laboratories performed the required studies specified by the method.

13. FIELD DUPLICATE SAMPLE ANALYSIS

Field duplicate samples are collected and analyzed as an indication of overall precision. These results are expected to have more variability than laboratory duplicate samples. Soil samples have more variability than aqueous samples due to the non-homogeneity of the soil. Field duplicate samples were collected at sample point MW-4 (4Ft) and reported with this data set.

Sample data has not been qualified based on the results of the field duplicate sample data.

Sample ID: MW-4 (4Ft) JA11802-6)/MW-X (4Ft) (JA11802-7)

Analyte	Concentration (mg/kg)	Concentration (mg/kg)	RPD (%)
Aluminum	5820	6860	16.4
Barium	53.9	60.9	12.2
Calcium	23200	31800	31.1
Chromium	14.8	14.9	<1
Cobalt	ND	5.7	NC
Copper	16.9	16.7	1.2
Iron	10900	11200	2.7
Lead	9.2	4.5	68.6
Magnesium	13100	18900	36.3
Manganese	373	354	5.2
Nickel	12.7	13.8	8.3
Potassium	1710	1890	10
Vanadium	18.8	20.6	9.1
Zinc	39.1	37.7	3.6

ND denotes Not Detected
NC denotes Not Calculated

14. SYSTEM PERFORMANCE AND OVERALL ASSESSMENT

The TAL Metal data set included the analysis of seven (7) non-aqueous samples and one (1) Field Blank sample. The data associated with this data set is acceptable for use with the noted data qualifiers. Data qualifiers have been applied to this data set based on the guidelines in the cited EPA documents. Qualified data result pages are located in Appendix B of this report. A description of the qualifiers and decision for them is detailed in the above report. A summary of qualifiers is located in Appendix A of this report.

The data reported herein is acceptable for use with the noted data qualifiers. Qualified data result pages are located in Appendix B of this report.

Premier Environmental Services

TABLE 1

2815 COVERED BRIDGE ROAD, MERRICK, NEW YORK 11566
(516) 223-9761 • FAX (516) 223-0983

Premier Environmental Services

CLIENT SAMPLE ID	LABORATORY SAMPLE ID
MW-5 (0-2")	JA11802-1
MW-5 (5 Ft)	JA11802-2
SB-1 (1Ft)	JA11802-3
SB-1 (2-4Ft)	JA11802-4
MW-4(1Ft)	JA11802-5
MW-4 (4Ft)	JA11802-6
MW-X (4Ft)	JA11802-7
MW-1 (1-2Ft)	JA11802-8
MW-1 (13 Ft)	JA11802-9
FB 2/9	JA11802-10

2815 COVERED BRIDGE ROAD, MERRICK, NEW YORK 11566
(516) 223-9761 • FAX (516) 223-0983

APPENDIX A

2815 COVERED BRIDGE ROAD, MERRICK, NEW YORK 11566
(516) 223-9761 • FAX (516) 223-0983

DATA QUALIFIER DEFINITIONS

U - The analyte was analyzed for, but was not detected above the reported sample quantitation limit.

J - The analyte was positively identified; the associated numerical value is the approximate concentration of the analyte in the sample.

N - The analysis indicates the presence of an analyte for which there is presumptive evidence to make a "tentative identification."

NJ - The analysis indicates the presence of an analyte that has been "tentatively identified" and the associated numerical value represents its approximate concentration.

UJ - The analyte was not detected above the reported sample quantitation limit. However, the reported quantitation limit is approximate and may or may not represent the actual limit of quantitation necessary to accurately and precisely measure the analyte in the sample.

R - The sample results are unreliable/unusable. The presence or absence of the analyte cannot be verified.

K – The analyte is present. The reported value may be biased high. The actual value is expected to be lower than reported.

L - The analyte is present. The reported value may be biased low. The actual value is expected to be higher than reported.

UL – The analyte was not detected, and the reported quantitation limit is probably higher than reported.

Premier Environmental Services

APPENDIX B

2815 COVERED BRIDGE ROAD, MERRICK, NEW YORK 11566
(516) 223-9761 • FAX (516) 223-0983

Raw Data: Y85125.D

Accutest Laboratories

Report of Analysis

Client Sample ID:	MW-5 (0-2 IN)		
Lab Sample ID:	JA11802-1	Date Sampled:	02/06/09
Matrix:	SO - Soil	Date Received:	02/10/09
Method:	SW846 8260B	Percent Solids:	87.2
Project:	Via Verde, 700-730 Brook Avenue, Bronx, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	Y85125.D	1	02/20/09	HJK	n/a	n/a	VY3539
Run #2							

	Initial Weight
Run #1	4.5 g
Run #2	

VOA 8260 List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	ND R	13	2.7	ug/kg	
71-43-2	Benzene	ND	1.3	0.45	ug/kg	
108-86-1	Bromobenzene	ND	6.4	0.44	ug/kg	
74-97-5	Bromochloromethane	ND	6.4	0.34	ug/kg	
75-27-4	Bromodichloromethane	ND	6.4	0.33	ug/kg	
75-25-2	Bromoform	ND	6.4	0.43	ug/kg	
74-83-9	Bromomethane	ND	6.4	1.1	ug/kg	
78-93-3	2-Butanone (MEK)	ND	13	2.8	ug/kg	
104-51-8	n-Butylbenzene	ND	6.4	2.2	ug/kg	
135-98-8	sec-Butylbenzene	ND	6.4	0.62	ug/kg	
98-06-6	tert-Butylbenzene	ND	6.4	0.36	ug/kg	
56-23-5	Carbon tetrachloride	ND	6.4	1.2	ug/kg	
108-90-7	Chlorobenzene	ND	6.4	0.38	ug/kg	
75-00-3	Chloroethane	ND	6.4	0.87	ug/kg	
67-66-3	Chloroform	ND	6.4	0.59	ug/kg	
74-87-3	Chloromethane	ND	6.4	0.90	ug/kg	
95-49-8	o-Chlorotoluene	ND	6.4	0.37	ug/kg	
106-43-4	p-Chlorotoluene	ND	6.4	0.46	ug/kg	
96-12-8	1,2-Dibromo-3-chloropropane	ND	13	1.9	ug/kg	
124-48-1	Dibromochloromethane	ND	6.4	0.34	ug/kg	
106-93-4	1,2-Dibromoethane	ND	1.3	0.51	ug/kg	
95-50-1	1,2-Dichlorobenzene	ND	6.4	0.47	ug/kg	
541-73-1	1,3-Dichlorobenzene	ND	6.4	0.39	ug/kg	
106-46-7	1,4-Dichlorobenzene	ND	6.4	0.40	ug/kg	
75-71-8	Dichlorodifluoromethane	ND	6.4	2.0	ug/kg	
75-34-3	1,1-Dichloroethane	ND	6.4	0.50	ug/kg	
107-06-2	1,2-Dichloroethane	ND	1.3	0.55	ug/kg	
75-35-4	1,1-Dichloroethene	ND	6.4	0.67	ug/kg	
156-59-2	cis-1,2-Dichloroethene	ND	6.4	0.46	ug/kg	
156-60-5	trans-1,2-Dichloroethene	ND	6.4	0.41	ug/kg	
78-87-5	1,2-Dichloropropane	ND	6.4	0.50	ug/kg	
142-28-9	1,3-Dichloropropane	ND	6.4	0.35	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:	MW-5 (0-2 IN)		
Lab Sample ID:	JA11802-1	Date Sampled:	02/06/09
Matrix:	SO - Soil	Date Received:	02/10/09
Method:	SW846 8260B	Percent Solids:	87.2
Project:	Via Verde, 700-730 Brook Avenue, Bronx, NY		

VOA 8260 List

CAS No.	Compound	Result	RL	MDL	Units	Q
594-20-7	2,2-Dichloropropane	ND	6.4	0.47	ug/kg	
563-58-6	1,1-Dichloropropene	ND	6.4	0.43	ug/kg	
10061-01-5	cis-1,3-Dichloropropene	ND	6.4	0.31	ug/kg	
10061-02-6	trans-1,3-Dichloropropene	ND	6.4	0.32	ug/kg	
100-41-4	Ethylbenzene	0.77	1.3	0.52	ug/kg	J
87-68-3	Hexachlorobutadiene	ND	6.4	0.75	ug/kg	
98-82-8	Isopropylbenzene	ND	6.4	0.57	ug/kg	
99-87-6	p-Isopropyltoluene	ND	6.4	0.64	ug/kg	
1634-04-4	Methyl Tert Butyl Ether	ND	1.3	0.45	ug/kg	
108-10-1	4-Methyl-2-pentanone(MIBK)	ND	6.4	3.0	ug/kg	
74-95-3	Methylene bromide	ND	6.4	0.46	ug/kg	
75-09-2	Methylene chloride	ND	6.4	0.37	ug/kg	
91-20-3	Naphthalene	ND	6.4	0.61	ug/kg	
103-65-1	n-Propylbenzene	ND	6.4	0.61	ug/kg	
100-42-5	Styrene	ND	6.4	0.37	ug/kg	
630-20-6	1,1,1,2-Tetrachloroethane	ND	6.4	0.67	ug/kg	
79-34-5	1,1,2,2-Tetrachloroethane	ND	6.4	0.32	ug/kg	
127-18-4	Tetrachloroethene	ND	6.4	0.59	ug/kg	
108-88-3	Toluene	9.7	1.3	0.42	ug/kg	
87-61-6	1,2,3-Trichlorobenzene	ND	6.4	0.62	ug/kg	
120-82-1	1,2,4-Trichlorobenzene	ND	6.4	0.54	ug/kg	
71-55-6	1,1,1-Trichloroethane	ND	6.4	0.67	ug/kg	
79-00-5	1,1,2-Trichloroethane	ND	6.4	0.32	ug/kg	
79-01-6	Trichloroethene	ND	6.4	0.37	ug/kg	
75-69-4	Trichlorofluoromethane	ND	6.4	1.9	ug/kg	
96-18-4	1,2,3-Trichloropropane	ND	6.4	2.8	ug/kg	
95-63-6	1,2,4-Trimethylbenzene	ND	6.4	0.31	ug/kg	
108-67-8	1,3,5-Trimethylbenzene	ND	6.4	0.44	ug/kg	
75-01-4	Vinyl chloride	ND	6.4	0.81	ug/kg	
	m,p-Xylene	1.9	2.5	0.38	ug/kg	J
95-47-6	o-Xylene	ND	1.3	0.38	ug/kg	
1330-20-7	Xylene (total)	2.2	2.5	0.38	ug/kg	J

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	103%		67-125%
17060-07-0	1,2-Dichloroethane-D4	115%		64-131%
2037-26-5	Toluene-D8	91%		73-124%
460-00-4	4-Bromofluorobenzene	96%		61-136%

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: Y85126.D

Accutest Laboratories

Report of Analysis

Client Sample ID:	MW-5 (5 FT)		
Lab Sample ID:	JA11802-2	Date Sampled:	02/06/09
Matrix:	SO - Soil	Date Received:	02/10/09
Method:	SW846 8260B	Percent Solids:	89.7
Project:	Via Verde, 700-730 Brook Avenue, Bronx, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	Y85126.D	1	02/20/09	HJK	n/a	n/a	VY3539
Run #2							

	Initial Weight
Run #1	4.5 g
Run #2	

VOA 8260 List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	ND R	12	2.7	ug/kg	
71-43-2	Benzene	ND	1.2	0.44	ug/kg	
108-86-1	Bromobenzene	ND	6.2	0.42	ug/kg	
74-97-5	Bromochloromethane	ND	6.2	0.33	ug/kg	
75-27-4	Bromodichloromethane	ND	6.2	0.32	ug/kg	
75-25-2	Bromoform	ND	6.2	0.41	ug/kg	
74-83-9	Bromomethane	ND	6.2	1.1	ug/kg	
78-93-3	2-Butanone (MEK)	ND	12	2.7	ug/kg	
104-51-8	n-Butylbenzene	ND	6.2	2.2	ug/kg	
135-98-8	sec-Butylbenzene	ND	6.2	0.60	ug/kg	
98-06-6	tert-Butylbenzene	ND	6.2	0.35	ug/kg	
56-23-5	Carbon tetrachloride	ND	6.2	1.2	ug/kg	
108-90-7	Chlorobenzene	ND	6.2	0.37	ug/kg	
75-00-3	Chloroethane	ND	6.2	0.84	ug/kg	
67-66-3	Chloroform	ND	6.2	0.57	ug/kg	
74-87-3	Chloromethane	ND	6.2	0.88	ug/kg	
95-49-8	o-Chlorotoluene	ND	6.2	0.36	ug/kg	
106-43-4	p-Chlorotoluene	ND	6.2	0.45	ug/kg	
96-12-8	1,2-Dibromo-3-chloropropane	ND	12	1.9	ug/kg	
124-48-1	Dibromochloromethane	ND	6.2	0.33	ug/kg	
106-93-4	1,2-Dibromoethane	ND	1.2	0.50	ug/kg	
95-50-1	1,2-Dichlorobenzene	ND	6.2	0.46	ug/kg	
541-73-1	1,3-Dichlorobenzene	ND	6.2	0.38	ug/kg	
106-46-7	1,4-Dichlorobenzene	ND	6.2	0.39	ug/kg	
75-71-8	Dichlorodifluoromethane	ND	6.2	2.0	ug/kg	
75-34-3	1,1-Dichloroethane	ND	6.2	0.49	ug/kg	
107-06-2	1,2-Dichloroethane	ND	1.2	0.53	ug/kg	
75-35-4	1,1-Dichloroethene	ND	6.2	0.65	ug/kg	
156-59-2	cis-1,2-Dichloroethene	ND	6.2	0.45	ug/kg	
156-60-5	trans-1,2-Dichloroethene	ND	6.2	0.40	ug/kg	
78-87-5	1,2-Dichloropropane	ND	6.2	0.49	ug/kg	
142-28-9	1,3-Dichloropropane	ND	6.2	0.34	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:	MW-5 (5 FT)		
Lab Sample ID:	JA11802-2	Date Sampled:	02/06/09
Matrix:	SO - Soil	Date Received:	02/10/09
Method:	SW846 8260B	Percent Solids:	89.7
Project:	Via Verde, 700-730 Brook Avenue, Bronx, NY		

VOA 8260 List

CAS No.	Compound	Result	RL	MDL	Units	Q
594-20-7	2,2-Dichloropropane	ND	6.2	0.46	ug/kg	
563-58-6	1,1-Dichloropropene	ND	6.2	0.42	ug/kg	
10061-01-5	cis-1,3-Dichloropropene	ND	6.2	0.30	ug/kg	
10061-02-6	trans-1,3-Dichloropropene	ND	6.2	0.31	ug/kg	
100-41-4	Ethylbenzene	ND	1.2	0.50	ug/kg	
87-68-3	Hexachlorobutadiene	ND	6.2	0.73	ug/kg	
98-82-8	Isopropylbenzene	ND	6.2	0.55	ug/kg	
99-87-6	p-Isopropyltoluene	ND	6.2	0.62	ug/kg	
1634-04-4	Methyl Tert Butyl Ether	ND	1.2	0.44	ug/kg	
108-10-1	4-Methyl-2-pentanone(MIBK)	ND	6.2	3.0	ug/kg	
74-95-3	Methylene bromide	ND	6.2	0.45	ug/kg	
75-09-2	Methylene chloride	ND	6.2	0.36	ug/kg	
91-20-3	Naphthalene	ND	6.2	0.60	ug/kg	
103-65-1	n-Propylbenzene	ND	6.2	0.59	ug/kg	
100-42-5	Styrene	ND	6.2	0.36	ug/kg	
630-20-6	1,1,1,2-Tetrachloroethane	ND	6.2	0.65	ug/kg	
79-34-5	1,1,2,2-Tetrachloroethane	ND	6.2	0.31	ug/kg	
127-18-4	Tetrachloroethene	ND	6.2	0.58	ug/kg	
108-88-3	Toluene	4.3	1.2	0.41	ug/kg	
87-61-6	1,2,3-Trichlorobenzene	ND	6.2	0.60	ug/kg	
120-82-1	1,2,4-Trichlorobenzene	ND	6.2	0.52	ug/kg	
71-55-6	1,1,1-Trichloroethane	ND	6.2	0.65	ug/kg	
79-00-5	1,1,2-Trichloroethane	ND	6.2	0.32	ug/kg	
79-01-6	Trichloroethene	ND	6.2	0.36	ug/kg	
75-69-4	Trichlorofluoromethane	ND	6.2	1.9	ug/kg	
96-18-4	1,2,3-Trichloropropane	ND	6.2	2.7	ug/kg	
95-63-6	1,2,4-Trimethylbenzene	ND	6.2	0.30	ug/kg	
108-67-8	1,3,5-Trimethylbenzene	ND	6.2	0.43	ug/kg	
75-01-4	Vinyl chloride	ND	6.2	0.78	ug/kg	
	m,p-Xylene	1.3	2.5	0.37	ug/kg	J
95-47-6	o-Xylene	ND	1.2	0.37	ug/kg	
1330-20-7	Xylene (total)	1.3	2.5	0.37	ug/kg	J

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	108%		67-125%
17060-07-0	1,2-Dichloroethane-D4	119%		64-131%
2037-26-5	Toluene-D8	91%		73-124%
460-00-4	4-Bromofluorobenzene	95%		61-136%

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: Y85127.D

Accutest Laboratories

Report of Analysis

Client Sample ID:	SB-1 (1 FT)		
Lab Sample ID:	JA11802-3	Date Sampled:	02/06/09
Matrix:	SO - Soil	Date Received:	02/10/09
Method:	SW846 8260B	Percent Solids:	92.5
Project:	Via Verde, 700-730 Brook Avenue, Bronx, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	Y85127.D	1	02/20/09	HJK	n/a	n/a	VY3539
Run #2							

	Initial Weight
Run #1	4.5 g
Run #2	

VOA 8260 List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	ND	12	2.6	ug/kg	
71-43-2	Benzene	ND	1.2	0.42	ug/kg	
108-86-1	Bromobenzene	ND	6.0	0.41	ug/kg	
74-97-5	Bromochloromethane	ND	6.0	0.32	ug/kg	
75-27-4	Bromodichloromethane	ND	6.0	0.31	ug/kg	
75-25-2	Bromoform	ND	6.0	0.40	ug/kg	
74-83-9	Bromomethane	ND	6.0	1.1	ug/kg	
78-93-3	2-Butanone (MEK)	ND	12	2.7	ug/kg	
104-51-8	n-Butylbenzene	ND	6.0	2.1	ug/kg	
135-98-8	sec-Butylbenzene	ND	6.0	0.58	ug/kg	
98-06-6	tert-Butylbenzene	ND	6.0	0.34	ug/kg	
56-23-5	Carbon tetrachloride	ND	6.0	1.1	ug/kg	
108-90-7	Chlorobenzene	ND	6.0	0.36	ug/kg	
75-00-3	Chloroethane	ND	6.0	0.82	ug/kg	
67-66-3	Chloroform	ND	6.0	0.56	ug/kg	
74-87-3	Chloromethane	ND	6.0	0.85	ug/kg	
95-49-8	o-Chlorotoluene	ND	6.0	0.35	ug/kg	
106-43-4	p-Chlorotoluene	ND	6.0	0.43	ug/kg	
96-12-8	1,2-Dibromo-3-chloropropane	ND	12	1.8	ug/kg	
124-48-1	Dibromochloromethane	ND	6.0	0.32	ug/kg	
106-93-4	1,2-Dibromoethane	ND	1.2	0.48	ug/kg	
95-50-1	1,2-Dichlorobenzene	ND	6.0	0.44	ug/kg	
541-73-1	1,3-Dichlorobenzene	ND	6.0	0.36	ug/kg	
106-46-7	1,4-Dichlorobenzene	ND	6.0	0.38	ug/kg	
75-71-8	Dichlorodifluoromethane	ND	6.0	1.9	ug/kg	
75-34-3	1,1-Dichloroethane	ND	6.0	0.47	ug/kg	
107-06-2	1,2-Dichloroethane	ND	1.2	0.51	ug/kg	
75-35-4	1,1-Dichloroethene	ND	6.0	0.63	ug/kg	
156-59-2	cis-1,2-Dichloroethene	ND	6.0	0.43	ug/kg	
156-60-5	trans-1,2-Dichloroethene	ND	6.0	0.39	ug/kg	
78-87-5	1,2-Dichloropropane	ND	6.0	0.47	ug/kg	
142-28-9	1,3-Dichloropropane	ND	6.0	0.33	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:	SB-1 (1 FT)		
Lab Sample ID:	JA11802-3	Date Sampled:	02/06/09
Matrix:	SO - Soil	Date Received:	02/10/09
Method:	SW846 8260B	Percent Solids:	92.5
Project:	Via Verde, 700-730 Brook Avenue, Bronx, NY		

VOA 8260 List

CAS No.	Compound	Result	RL	MDL	Units	Q
594-20-7	2,2-Dichloropropane	ND	6.0	0.45	ug/kg	
563-58-6	1,1-Dichloropropene	ND	6.0	0.40	ug/kg	
10061-01-5	cis-1,3-Dichloropropene	ND	6.0	0.29	ug/kg	
10061-02-6	trans-1,3-Dichloropropene	ND	6.0	0.30	ug/kg	
100-41-4	Ethylbenzene	ND	1.2	0.49	ug/kg	
87-68-3	Hexachlorobutadiene	ND	6.0	0.71	ug/kg	
98-82-8	Isopropylbenzene	ND	6.0	0.54	ug/kg	
99-87-6	p-Isopropyltoluene	ND	6.0	0.60	ug/kg	
1634-04-4	Methyl Tert Butyl Ether	ND	1.2	0.43	ug/kg	
108-10-1	4-Methyl-2-pentanone(MIBK)	ND	6.0	2.9	ug/kg	
74-95-3	Methylene bromide	ND	6.0	0.43	ug/kg	
75-09-2	Methylene chloride	ND	6.0	0.35	ug/kg	
91-20-3	Naphthalene	ND	6.0	0.58	ug/kg	
103-65-1	n-Propylbenzene	ND	6.0	0.58	ug/kg	
100-42-5	Styrene	ND	6.0	0.34	ug/kg	
630-20-6	1,1,1,2-Tetrachloroethane	ND	6.0	0.63	ug/kg	
79-34-5	1,1,2,2-Tetrachloroethane	ND	6.0	0.30	ug/kg	
127-18-4	Tetrachloroethene	ND	6.0	0.56	ug/kg	
108-88-3	Toluene	ND	1.2	0.40	ug/kg	
87-61-6	1,2,3-Trichlorobenzene	ND	6.0	0.58	ug/kg	
120-82-1	1,2,4-Trichlorobenzene	ND	6.0	0.50	ug/kg	
71-55-6	1,1,1-Trichloroethane	ND	6.0	0.63	ug/kg	
79-00-5	1,1,2-Trichloroethane	ND	6.0	0.31	ug/kg	
79-01-6	Trichloroethene	ND	6.0	0.35	ug/kg	
75-69-4	Trichlorofluoromethane	ND	6.0	1.8	ug/kg	
96-18-4	1,2,3-Trichloropropane	ND	6.0	2.6	ug/kg	
95-63-6	1,2,4-Trimethylbenzene	ND	6.0	0.29	ug/kg	
108-67-8	1,3,5-Trimethylbenzene	ND	6.0	0.42	ug/kg	
75-01-4	Vinyl chloride	ND	6.0	0.76	ug/kg	
	m,p-Xylene	ND	2.4	0.36	ug/kg	
95-47-6	o-Xylene	ND	1.2	0.36	ug/kg	
1330-20-7	Xylene (total)	ND	2.4	0.36	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	109%		67-125%
17060-07-0	1,2-Dichloroethane-D4	123%		64-131%
2037-26-5	Toluene-D8	89%		73-124%
460-00-4	4-Bromofluorobenzene	95%		61-136%

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:	SB-1 (2-4 FT)		
Lab Sample ID:	JA11802-4	Date Sampled:	02/06/09
Matrix:	SO - Soil	Date Received:	02/10/09
Method:	SW846 8260B	Percent Solids:	79.5
Project:	Via Verde, 700-730 Brook Avenue, Bronx, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	Y85128.D	1	02/20/09	HJK	n/a	n/a	VY3539
Run #2							

	Initial Weight
Run #1	4.5 g
Run #2	

VOA 8260 List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	ND R	14	3.0	ug/kg	
71-43-2	Benzene	ND	1.4	0.49	ug/kg	
108-86-1	Bromobenzene	ND	7.0	0.48	ug/kg	
74-97-5	Bromochloromethane	ND	7.0	0.38	ug/kg	
75-27-4	Bromodichloromethane	ND	7.0	0.36	ug/kg	
75-25-2	Bromoform	ND	7.0	0.47	ug/kg	
74-83-9	Bromomethane	ND	7.0	1.2	ug/kg	
78-93-3	2-Butanone (MEK)	ND	14	3.1	ug/kg	
104-51-8	n-Butylbenzene	ND	7.0	2.4	ug/kg	
135-98-8	sec-Butylbenzene	ND	7.0	0.68	ug/kg	
98-06-6	tert-Butylbenzene	ND	7.0	0.39	ug/kg	
56-23-5	Carbon tetrachloride	ND	7.0	1.3	ug/kg	
108-90-7	Chlorobenzene	ND	7.0	0.42	ug/kg	
75-00-3	Chloroethane	ND	7.0	0.95	ug/kg	
67-66-3	Chloroform	ND	7.0	0.65	ug/kg	
74-87-3	Chloromethane	ND	7.0	0.99	ug/kg	
95-49-8	o-Chlorotoluene	ND	7.0	0.41	ug/kg	
106-43-4	p-Chlorotoluene	ND	7.0	0.51	ug/kg	
96-12-8	1,2-Dibromo-3-chloropropane	ND	14	2.1	ug/kg	
124-48-1	Dibromochloromethane	ND	7.0	0.38	ug/kg	
106-93-4	1,2-Dibromoethane	ND	1.4	0.56	ug/kg	
95-50-1	1,2-Dichlorobenzene	ND	7.0	0.52	ug/kg	
541-73-1	1,3-Dichlorobenzene	ND	7.0	0.42	ug/kg	
106-46-7	1,4-Dichlorobenzene	ND	7.0	0.44	ug/kg	
75-71-8	Dichlorodifluoromethane	ND	7.0	2.2	ug/kg	
75-34-3	1,1-Dichloroethane	ND	7.0	0.55	ug/kg	
107-06-2	1,2-Dichloroethane	ND	1.4	0.60	ug/kg	
75-35-4	1,1-Dichloroethene	ND	7.0	0.73	ug/kg	
156-59-2	cis-1,2-Dichloroethene	ND	7.0	0.50	ug/kg	
156-60-5	trans-1,2-Dichloroethene	ND	7.0	0.45	ug/kg	
78-87-5	1,2-Dichloropropane	ND	7.0	0.55	ug/kg	
142-28-9	1,3-Dichloropropane	ND	7.0	0.38	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:	SB-1 (2-4 FT)		
Lab Sample ID:	JA11802-4	Date Sampled:	02/06/09
Matrix:	SO - Soil	Date Received:	02/10/09
Method:	SW846 8260B	Percent Solids:	79.5
Project:	Via Verde, 700-730 Brook Avenue, Bronx, NY		

VOA 8260 List

CAS No.	Compound	Result	RL	MDL	Units	Q
594-20-7	2,2-Dichloropropane	ND	7.0	0.52	ug/kg	
563-58-6	1,1-Dichloropropene	ND	7.0	0.47	ug/kg	
10061-01-5	cis-1,3-Dichloropropene	ND	7.0	0.34	ug/kg	
10061-02-6	trans-1,3-Dichloropropene	ND	7.0	0.35	ug/kg	
100-41-4	Ethylbenzene	ND	1.4	0.57	ug/kg	
87-68-3	Hexachlorobutadiene	ND	7.0	0.82	ug/kg	
98-82-8	Isopropylbenzene	ND	7.0	0.62	ug/kg	
99-87-6	p-Isopropyltoluene	ND	7.0	0.70	ug/kg	
1634-04-4	Methyl Tert Butyl Ether	ND	1.4	0.49	ug/kg	
108-10-1	4-Methyl-2-pentanone(MIBK)	ND	7.0	3.3	ug/kg	
74-95-3	Methylene bromide	ND	7.0	0.50	ug/kg	
75-09-2	Methylene chloride	ND	7.0	0.41	ug/kg	
91-20-3	Naphthalene	ND	7.0	0.67	ug/kg	
103-65-1	n-Propylbenzene	ND	7.0	0.67	ug/kg	
100-42-5	Styrene	ND	7.0	0.40	ug/kg	
630-20-6	1,1,1,2-Tetrachloroethane	ND	7.0	0.74	ug/kg	
79-34-5	1,1,2,2-Tetrachloroethane	ND	7.0	0.35	ug/kg	
127-18-4	Tetrachloroethene	ND	7.0	0.65	ug/kg	
108-88-3	Toluene	ND	1.4	0.46	ug/kg	
87-61-6	1,2,3-Trichlorobenzene	ND	7.0	0.68	ug/kg	
120-82-1	1,2,4-Trichlorobenzene	ND	7.0	0.59	ug/kg	
71-55-6	1,1,1-Trichloroethane	ND	7.0	0.74	ug/kg	
79-00-5	1,1,2-Trichloroethane	ND	7.0	0.36	ug/kg	
79-01-6	Trichloroethene	ND	7.0	0.41	ug/kg	
75-69-4	Trichlorofluoromethane	ND	7.0	2.1	ug/kg	
96-18-4	1,2,3-Trichloropropane	ND	7.0	3.1	ug/kg	
95-63-6	1,2,4-Trimethylbenzene	ND	7.0	0.34	ug/kg	
108-67-8	1,3,5-Trimethylbenzene	ND	7.0	0.48	ug/kg	
75-01-4	Vinyl chloride	ND	7.0	0.88	ug/kg	
	m,p-Xylene	ND	2.8	0.42	ug/kg	
95-47-6	o-Xylene	ND	1.4	0.42	ug/kg	
1330-20-7	Xylene (total)	ND	2.8	0.42	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	111%		67-125%
17060-07-0	1,2-Dichloroethane-D4	129%		64-131%
2037-26-5	Toluene-D8	92%		73-124%
460-00-4	4-Bromofluorobenzene	95%		61-136%

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:	MW-4 (1 FT)		
Lab Sample ID:	JA11802-5	Date Sampled:	02/06/09
Matrix:	SO - Soil	Date Received:	02/10/09
Method:	SW846 8260B	Percent Solids:	90.0
Project:	Via Verde, 700-730 Brook Avenue, Bronx, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	Y85129.D	1	02/20/09	HJK	n/a	n/a	VY3539
Run #2							

	Initial Weight
Run #1	4.5 g
Run #2	

VOA 8260 List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	ND	12	2.7	ug/kg	
71-43-2	Benzene	ND	1.2	0.43	ug/kg	
108-86-1	Bromobenzene	ND	6.2	0.42	ug/kg	
74-97-5	Bromochloromethane	ND	6.2	0.33	ug/kg	
75-27-4	Bromodichloromethane	ND	6.2	0.32	ug/kg	
75-25-2	Bromoform	ND	6.2	0.41	ug/kg	
74-83-9	Bromomethane	ND	6.2	1.1	ug/kg	
78-93-3	2-Butanone (MEK)	ND	12	2.7	ug/kg	
104-51-8	n-Butylbenzene	ND	6.2	2.1	ug/kg	
135-98-8	sec-Butylbenzene	ND	6.2	0.60	ug/kg	
98-06-6	tert-Butylbenzene	ND	6.2	0.35	ug/kg	
56-23-5	Carbon tetrachloride	ND	6.2	1.2	ug/kg	
108-90-7	Chlorobenzene	ND	6.2	0.37	ug/kg	
75-00-3	Chloroethane	ND	6.2	0.84	ug/kg	
67-66-3	Chloroform	ND	6.2	0.57	ug/kg	
74-87-3	Chloromethane	ND	6.2	0.87	ug/kg	
95-49-8	o-Chlorotoluene	ND	6.2	0.36	ug/kg	
106-43-4	p-Chlorotoluene	ND	6.2	0.45	ug/kg	
96-12-8	1,2-Dibromo-3-chloropropane	ND	12	1.9	ug/kg	
124-48-1	Dibromochloromethane	ND	6.2	0.33	ug/kg	
106-93-4	1,2-Dibromoethane	ND	1.2	0.50	ug/kg	
95-50-1	1,2-Dichlorobenzene	ND	6.2	0.46	ug/kg	
541-73-1	1,3-Dichlorobenzene	ND	6.2	0.37	ug/kg	
106-46-7	1,4-Dichlorobenzene	ND	6.2	0.39	ug/kg	
75-71-8	Dichlorodifluoromethane	ND	6.2	2.0	ug/kg	
75-34-3	1,1-Dichloroethane	ND	6.2	0.48	ug/kg	
107-06-2	1,2-Dichloroethane	ND	1.2	0.53	ug/kg	
75-35-4	1,1-Dichloroethene	ND	6.2	0.65	ug/kg	
156-59-2	cis-1,2-Dichloroethene	ND	6.2	0.45	ug/kg	
156-60-5	trans-1,2-Dichloroethene	ND	6.2	0.40	ug/kg	
78-87-5	1,2-Dichloropropane	ND	6.2	0.48	ug/kg	
142-28-9	1,3-Dichloropropane	ND	6.2	0.34	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:	MW-4 (1 FT)		
Lab Sample ID:	JA11802-5	Date Sampled:	02/06/09
Matrix:	SO - Soil	Date Received:	02/10/09
Method:	SW846 8260B	Percent Solids:	90.0
Project:	Via Verde, 700-730 Brook Avenue, Bronx, NY		

VOA 8260 List

CAS No.	Compound	Result	RL	MDL	Units	Q
594-20-7	2,2-Dichloropropane	ND	6.2	0.46	ug/kg	
563-58-6	1,1-Dichloropropene	ND	6.2	0.42	ug/kg	
10061-01-5	cis-1,3-Dichloropropene	ND	6.2	0.30	ug/kg	
10061-02-6	trans-1,3-Dichloropropene	ND	6.2	0.31	ug/kg	
100-41-4	Ethylbenzene	1.4	1.2	0.50	ug/kg	
87-68-3	Hexachlorobutadiene	ND	6.2	0.73	ug/kg	
98-82-8	Isopropylbenzene	ND	6.2	0.55	ug/kg	
99-87-6	p-Isopropyltoluene	ND	6.2	0.62	ug/kg	
1634-04-4	Methyl Tert Butyl Ether	ND	1.2	0.44	ug/kg	
108-10-1	4-Methyl-2-pentanone(MIBK)	ND	6.2	3.0	ug/kg	
74-95-3	Methylene bromide	ND	6.2	0.44	ug/kg	
75-09-2	Methylene chloride	ND	6.2	0.36	ug/kg	
91-20-3	Naphthalene	ND	6.2	0.60	ug/kg	
103-65-1	n-Propylbenzene	ND	6.2	0.59	ug/kg	
100-42-5	Styrene	ND	6.2	0.35	ug/kg	
630-20-6	1,1,1,2-Tetrachloroethane	ND	6.2	0.65	ug/kg	
79-34-5	1,1,2,2-Tetrachloroethane	ND	6.2	0.31	ug/kg	
127-18-4	Tetrachloroethene	0.82	6.2	0.58	ug/kg	J
108-88-3	Toluene	4.2	1.2	0.41	ug/kg	
87-61-6	1,2,3-Trichlorobenzene	ND	6.2	0.60	ug/kg	
120-82-1	1,2,4-Trichlorobenzene	ND	6.2	0.52	ug/kg	
71-55-6	1,1,1-Trichloroethane	ND	6.2	0.65	ug/kg	
79-00-5	1,1,2-Trichloroethane	ND	6.2	0.31	ug/kg	
79-01-6	Trichloroethene	ND	6.2	0.36	ug/kg	
75-69-4	Trichlorofluoromethane	ND	6.2	1.9	ug/kg	
96-18-4	1,2,3-Trichloropropane	ND	6.2	2.7	ug/kg	
95-63-6	1,2,4-Trimethylbenzene	ND	6.2	0.30	ug/kg	
108-67-8	1,3,5-Trimethylbenzene	ND	6.2	0.43	ug/kg	
75-01-4	Vinyl chloride	ND	6.2	0.78	ug/kg	
	m,p-Xylene	ND	2.5	0.37	ug/kg	
95-47-6	o-Xylene	ND	1.2	0.37	ug/kg	
1330-20-7	Xylene (total)	ND	2.5	0.37	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	110%		67-125%
17060-07-0	1,2-Dichloroethane-D4	127%		64-131%
2037-26-5	Toluene-D8	93%		73-124%
460-00-4	4-Bromofluorobenzene	96%		61-136%

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: 3B43218.D

Accutest Laboratories

Report of Analysis

3.10

Client Sample ID:	FB 2/9		
Lab Sample ID:	JA11802-10	Date Sampled:	02/09/09
Matrix:	AQ - Field Blank Soil	Date Received:	02/10/09
Method:	SW846 8260B	Percent Solids:	n/a
Project:	Via Verde, 700-730 Brook Avenue, Bronx, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	3B43218.D	1	02/20/09	NMC	n/a	n/a	V3B1993
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

VOA 8260 List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	ND U J	10	2.1	ug/l	
71-43-2	Benzene	ND	1.0	0.26	ug/l	
108-86-1	Bromobenzene	ND	5.0	0.18	ug/l	
74-97-5	Bromochloromethane	ND	5.0	0.24	ug/l	
75-27-4	Bromodichloromethane	ND	1.0	0.14	ug/l	
75-25-2	Bromoform	ND	4.0	0.18	ug/l	
74-83-9	Bromomethane	ND	2.0	0.32	ug/l	
78-93-3	2-Butanone (MEK)	ND	10	2.3	ug/l	
104-51-8	n-Butylbenzene	ND	5.0	0.61	ug/l	
135-98-8	sec-Butylbenzene	ND	5.0	0.27	ug/l	
98-06-6	tert-Butylbenzene	ND	5.0	0.15	ug/l	
56-23-5	Carbon tetrachloride	ND	1.0	0.18	ug/l	
108-90-7	Chlorobenzene	ND	1.0	0.19	ug/l	
75-00-3	Chloroethane	ND	1.0	0.22	ug/l	
67-66-3	Chloroform	ND	1.0	0.16	ug/l	
74-87-3	Chloromethane	ND	1.0	0.29	ug/l	
95-49-8	o-Chlorotoluene	ND	5.0	0.55	ug/l	
106-43-4	p-Chlorotoluene	ND	5.0	0.34	ug/l	
96-12-8	1,2-Dibromo-3-chloropropane	ND	10	1.3	ug/l	
124-48-1	Dibromochloromethane	ND	1.0	0.16	ug/l	
106-93-4	1,2-Dibromoethane	ND	2.0	0.18	ug/l	
95-50-1	1,2-Dichlorobenzene	ND	1.0	0.18	ug/l	
541-73-1	1,3-Dichlorobenzene	ND	1.0	0.26	ug/l	
106-46-7	1,4-Dichlorobenzene	ND	1.0	0.22	ug/l	
75-71-8	Dichlorodifluoromethane	ND	5.0	0.88	ug/l	
75-34-3	1,1-Dichloroethane	ND	1.0	0.24	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.35	ug/l	
75-35-4	1,1-Dichloroethene	ND	1.0	0.29	ug/l	
156-59-2	cis-1,2-Dichloroethene	ND	1.0	0.25	ug/l	
156-60-5	trans-1,2-Dichloroethene	ND	1.0	0.16	ug/l	
78-87-5	1,2-Dichloropropane	ND	1.0	0.18	ug/l	
142-28-9	1,3-Dichloropropane	ND	5.0	0.20	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:	FB 2/9		
Lab Sample ID:	JA11802-10	Date Sampled:	02/09/09
Matrix:	AQ - Field Blank Soil	Date Received:	02/10/09
Method:	SW846 8260B	Percent Solids:	n/a
Project:	Via Verde, 700-730 Brook Avenue, Bronx, NY		

VOA 8260 List

CAS No.	Compound	Result	RL	MDL	Units	Q
594-20-7	2,2-Dichloropropane	ND	5.0	0.19	ug/l	
563-58-6	1,1-Dichloropropene	ND	5.0	0.23	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND	1.0	0.18	ug/l	
10061-02-6	trans-1,3-Dichloropropene	ND	1.0	0.15	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.27	ug/l	
87-68-3	Hexachlorobutadiene	ND	5.0	0.23	ug/l	
98-82-8	Isopropylbenzene	ND	2.0	0.19	ug/l	
99-87-6	p-Isopropyltoluene	ND	5.0	0.25	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	0.16	ug/l	
108-10-1	4-Methyl-2-pentanone(MIBK)	ND	5.0	1.3	ug/l	
74-95-3	Methylene bromide	ND	5.0	0.18	ug/l	
75-09-2	Methylene chloride	ND	2.0	0.16	ug/l	
91-20-3	Naphthalene	ND	5.0	1.2	ug/l	
103-65-1	n-Propylbenzene	ND	5.0	0.18	ug/l	
100-42-5	Styrene	ND	5.0	0.17	ug/l	
630-20-6	1,1,1,2-Tetrachloroethane	ND	5.0	0.12	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0	0.13	ug/l	
127-18-4	Tetrachloroethene	ND	1.0	0.29	ug/l	
108-88-3	Toluene	ND	1.0	0.15	ug/l	
87-61-6	1,2,3-Trichlorobenzene	ND	5.0	1.2	ug/l	
120-82-1	1,2,4-Trichlorobenzene	ND	5.0	1.3	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	0.17	ug/l	
79-01-6	Trichloroethene	ND	1.0	0.18	ug/l	
75-69-4	Trichlorofluoromethane	ND	5.0	0.25	ug/l	
96-18-4	1,2,3-Trichloropropane	ND	5.0	1.3	ug/l	
95-63-6	1,2,4-Trimethylbenzene	ND	5.0	0.22	ug/l	
108-67-8	1,3,5-Trimethylbenzene	ND	5.0	0.58	ug/l	
75-01-4	Vinyl chloride	ND	1.0	0.21	ug/l	
	m,p-Xylene	ND	1.0	0.39	ug/l	
95-47-6	o-Xylene	ND	1.0	0.39	ug/l	
1330-20-7	Xylene (total)	ND	1.0	0.39	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	117%		72-120%
17060-07-0	1,2-Dichloroethane-D4	123%		59-137%
2037-26-5	Toluene-D8	112%		73-116%
460-00-4	4-Bromofluorobenzene	115%		69-126%

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:	MW-5 (0-2 IN)		
Lab Sample ID:	JA11802-1	Date Sampled:	02/06/09
Matrix:	SO - Soil	Date Received:	02/10/09
		Percent Solids:	87.2
Project:	Via Verde, 700-730 Brook Avenue, Bronx, NY		

Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Aluminum	10200	23	mg/kg	1	02/13/09	02/13/09	ND	SW846 6010B [1]	SW846 3050B [4]
Antimony	<2.3 UJ	2.3	mg/kg	1	02/13/09	02/13/09	ND	SW846 6010B [1]	SW846 3050B [4]
Arsenic	2.4	2.3	mg/kg	1	02/13/09	02/13/09	ND	SW846 6010B [1]	SW846 3050B [4]
Barium	70.8 J	23	mg/kg	1	02/13/09	02/13/09	ND	SW846 6010B [1]	SW846 3050B [4]
Beryllium	<0.58	0.58	mg/kg	1	02/13/09	02/13/09	ND	SW846 6010B [1]	SW846 3050B [4]
Cadmium	<0.58	0.58	mg/kg	1	02/13/09	02/13/09	ND	SW846 6010B [1]	SW846 3050B [4]
Calcium	5660 J	580	mg/kg	1	02/13/09	02/13/09	ND	SW846 6010B [1]	SW846 3050B [4]
Chromium	23.9 J	1.2	mg/kg	1	02/13/09	02/13/09	ND	SW846 6010B [1]	SW846 3050B [4]
Cobalt	8.5	5.8	mg/kg	1	02/13/09	02/13/09	ND	SW846 6010B [1]	SW846 3050B [4]
Copper	20.3	2.9	mg/kg	1	02/13/09	02/13/09	ND	SW846 6010B [1]	SW846 3050B [4]
Iron	20900 J	48	mg/kg	1	02/13/09	02/13/09	ND	SW846 6010B [1]	SW846 3050B [4]
Lead	19.9 J	2.3	mg/kg	1	02/13/09	02/13/09	ND	SW846 6010B [1]	SW846 3050B [4]
Magnesium	5350 J	580	mg/kg	1	02/13/09	02/13/09	ND	SW846 6010B [1]	SW846 3050B [4]
Manganese	235 J	1.7	mg/kg	1	02/13/09	02/13/09	ND	SW846 6010B [1]	SW846 3050B [4]
Mercury	0.058 J	0.036	mg/kg	1	02/20/09	02/20/09	JW	SW846 7471A [3]	SW846 7471A [5]
Nickel	13.5	4.6	mg/kg	1	02/13/09	02/13/09	ND	SW846 6010B [1]	SW846 3050B [4]
Potassium	1490 J	1200	mg/kg	1	02/13/09	02/13/09	ND	SW846 6010B [1]	SW846 3050B [4]
Selenium	<2.3	2.3	mg/kg	1	02/13/09	02/13/09	ND	SW846 6010B [1]	SW846 3050B [4]
Silver	<1.2	1.2	mg/kg	1	02/13/09	02/13/09	ND	SW846 6010B [1]	SW846 3050B [4]
Sodium	<1200	1200	mg/kg	1	02/13/09	02/13/09	ND	SW846 6010B [1]	SW846 3050B [4]
Thallium	<1.2	1.2	mg/kg	1	02/13/09	02/17/09	GT	SW846 6010B [2]	SW846 3050B [4]
Vanadium	28.1 J	5.8	mg/kg	1	02/13/09	02/13/09	ND	SW846 6010B [1]	SW846 3050B [4]
Zinc	43.3	2.3	mg/kg	1	02/13/09	02/13/09	ND	SW846 6010B [1]	SW846 3050B [4]

(1) Instrument QC Batch: MA22149
(2) Instrument QC Batch: MA22155
(3) Instrument QC Batch: MA22176
(4) Prep QC Batch: MP47199
(5) Prep QC Batch: MP47289

RL = Reporting Limit

Accutest Laboratories

Report of Analysis

Client Sample ID:	MW-5 (5 FT)		
Lab Sample ID:	JA11802-2	Date Sampled:	02/06/09
Matrix:	SO - Soil	Date Received:	02/10/09
		Percent Solids:	89.7
Project:	Via Verde, 700-730 Brook Avenue, Bronx, NY		

Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Aluminum	9360	22	mg/kg	1	02/13/09	02/13/09	ND	SW846 6010B [1]	SW846 3050B [4]
Antimony	<2.2 UJ	2.2	mg/kg	1	02/13/09	02/13/09	ND	SW846 6010B [1]	SW846 3050B [4]
Arsenic	<2.2	2.2	mg/kg	1	02/13/09	02/13/09	ND	SW846 6010B [1]	SW846 3050B [4]
Barium	66.2 J	22	mg/kg	1	02/13/09	02/13/09	ND	SW846 6010B [1]	SW846 3050B [4]
Beryllium	<0.55	0.55	mg/kg	1	02/13/09	02/13/09	ND	SW846 6010B [1]	SW846 3050B [4]
Cadmium	<0.55	0.55	mg/kg	1	02/13/09	02/13/09	ND	SW846 6010B [1]	SW846 3050B [4]
Calcium	2540 J	550	mg/kg	1	02/13/09	02/13/09	ND	SW846 6010B [1]	SW846 3050B [4]
Chromium	23.9 J	1.1	mg/kg	1	02/13/09	02/13/09	ND	SW846 6010B [1]	SW846 3050B [4]
Cobalt	7.2	5.5	mg/kg	1	02/13/09	02/13/09	ND	SW846 6010B [1]	SW846 3050B [4]
Copper	20.3	2.8	mg/kg	1	02/13/09	02/13/09	ND	SW846 6010B [1]	SW846 3050B [4]
Iron	21000 J	44	mg/kg	1	02/13/09	02/13/09	ND	SW846 6010B [1]	SW846 3050B [4]
Lead	7.5 J	2.2	mg/kg	1	02/13/09	02/13/09	ND	SW846 6010B [1]	SW846 3050B [4]
Magnesium	3500 J	550	mg/kg	1	02/13/09	02/13/09	ND	SW846 6010B [1]	SW846 3050B [4]
Manganese	312 J	1.7	mg/kg	1	02/13/09	02/13/09	ND	SW846 6010B [1]	SW846 3050B [4]
Mercury	<0.034 UJ	0.034	mg/kg	1	02/20/09	02/20/09	JW	SW846 7471A [3]	SW846 7471A [5]
Nickel	14.6	4.4	mg/kg	1	02/13/09	02/13/09	ND	SW846 6010B [1]	SW846 3050B [4]
Potassium	1470 J	1100	mg/kg	1	02/13/09	02/13/09	ND	SW846 6010B [1]	SW846 3050B [4]
Selenium	<2.2	2.2	mg/kg	1	02/13/09	02/13/09	ND	SW846 6010B [1]	SW846 3050B [4]
Silver	<1.1	1.1	mg/kg	1	02/13/09	02/13/09	ND	SW846 6010B [1]	SW846 3050B [4]
Sodium	<1100	1100	mg/kg	1	02/13/09	02/13/09	ND	SW846 6010B [1]	SW846 3050B [4]
Thallium	<1.1	1.1	mg/kg	1	02/13/09	02/17/09	GT	SW846 6010B [2]	SW846 3050B [4]
Vanadium	32.5 J	5.5	mg/kg	1	02/13/09	02/13/09	ND	SW846 6010B [1]	SW846 3050B [4]
Zinc	33.0	2.2	mg/kg	1	02/13/09	02/13/09	ND	SW846 6010B [1]	SW846 3050B [4]

(1) Instrument QC Batch: MA22149
(2) Instrument QC Batch: MA22155
(3) Instrument QC Batch: MA22176
(4) Prep QC Batch: MP47199
(5) Prep QC Batch: MP47289

RL = Reporting Limit

Accutest Laboratories

Report of Analysis

Client Sample ID:	SB-1 (1 FT)		
Lab Sample ID:	JA11802-3	Date Sampled:	02/06/09
Matrix:	SO - Soil	Date Received:	02/10/09
		Percent Solids:	92.5
Project:	Via Verde, 700-730 Brook Avenue, Bronx, NY		

Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Aluminum	7120	22	mg/kg	1	02/13/09	02/13/09	ND	SW846 6010B [1]	SW846 3050B [4]
Antimony	<2.2 UJ	2.2	mg/kg	1	02/13/09	02/13/09	ND	SW846 6010B [1]	SW846 3050B [4]
Arsenic	2.2	2.2	mg/kg	1	02/13/09	02/13/09	ND	SW846 6010B [1]	SW846 3050B [4]
Barium	35.2 J	22	mg/kg	1	02/13/09	02/13/09	ND	SW846 6010B [1]	SW846 3050B [4]
Beryllium	<0.54	0.54	mg/kg	1	02/13/09	02/13/09	ND	SW846 6010B [1]	SW846 3050B [4]
Cadmium	<0.54	0.54	mg/kg	1	02/13/09	02/13/09	ND	SW846 6010B [1]	SW846 3050B [4]
Calcium	2990 J	540	mg/kg	1	02/13/09	02/13/09	ND	SW846 6010B [1]	SW846 3050B [4]
Chromium	15.2 J	1.1	mg/kg	1	02/13/09	02/13/09	ND	SW846 6010B [1]	SW846 3050B [4]
Cobalt	6.3	5.4	mg/kg	1	02/13/09	02/13/09	ND	SW846 6010B [1]	SW846 3050B [4]
Copper	32.6	2.7	mg/kg	1	02/13/09	02/13/09	ND	SW846 6010B [1]	SW846 3050B [4]
Iron	15300 J	44	mg/kg	1	02/13/09	02/13/09	ND	SW846 6010B [1]	SW846 3050B [4]
Lead	15.3 J	2.2	mg/kg	1	02/13/09	02/13/09	ND	SW846 6010B [1]	SW846 3050B [4]
Magnesium	2920 J	540	mg/kg	1	02/13/09	02/13/09	ND	SW846 6010B [1]	SW846 3050B [4]
Manganese	252 J	1.6	mg/kg	1	02/13/09	02/13/09	ND	SW846 6010B [1]	SW846 3050B [4]
Mercury	<0.035 UJ	0.035	mg/kg	1	02/20/09	02/20/09	JW	SW846 7471A [3]	SW846 7471A [5]
Nickel	10.7	4.3	mg/kg	1	02/13/09	02/13/09	ND	SW846 6010B [1]	SW846 3050B [4]
Potassium	1660 J	1100	mg/kg	1	02/13/09	02/13/09	ND	SW846 6010B [1]	SW846 3050B [4]
Selenium	<2.2	2.2	mg/kg	1	02/13/09	02/13/09	ND	SW846 6010B [1]	SW846 3050B [4]
Silver	<1.1	1.1	mg/kg	1	02/13/09	02/13/09	ND	SW846 6010B [1]	SW846 3050B [4]
Sodium	<1100	1100	mg/kg	1	02/13/09	02/13/09	ND	SW846 6010B [1]	SW846 3050B [4]
Thallium	<1.1	1.1	mg/kg	1	02/13/09	02/17/09	GT	SW846 6010B [2]	SW846 3050B [4]
Vanadium	43.2 J	5.4	mg/kg	1	02/13/09	02/13/09	ND	SW846 6010B [1]	SW846 3050B [4]
Zinc	35.8	2.2	mg/kg	1	02/13/09	02/13/09	ND	SW846 6010B [1]	SW846 3050B [4]

(1) Instrument QC Batch: MA22149
(2) Instrument QC Batch: MA22155
(3) Instrument QC Batch: MA22176
(4) Prep QC Batch: MP47199
(5) Prep QC Batch: MP47289

RL = Reporting Limit

Accutest Laboratories

Report of Analysis

Client Sample ID:	SB-1 (2-4 FT)		
Lab Sample ID:	JA11802-4	Date Sampled:	02/06/09
Matrix:	SO - Soil	Date Received:	02/10/09
		Percent Solids:	79.5
Project:	Via Verde, 700-730 Brook Avenue, Bronx, NY		

Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Aluminum	8470	24	mg/kg	1	02/13/09	02/13/09	ND	SW846 6010B [1]	SW846 3050B [4]
Antimony	<2.4 UJ	2.4	mg/kg	1	02/13/09	02/13/09	ND	SW846 6010B [1]	SW846 3050B [4]
Arsenic	<2.4	2.4	mg/kg	1	02/13/09	02/13/09	ND	SW846 6010B [1]	SW846 3050B [4]
Barium	51.3 J	24	mg/kg	1	02/13/09	02/13/09	ND	SW846 6010B [1]	SW846 3050B [4]
Beryllium	<0.60	0.60	mg/kg	1	02/13/09	02/13/09	ND	SW846 6010B [1]	SW846 3050B [4]
Cadmium	<0.60	0.60	mg/kg	1	02/13/09	02/17/09	GT	SW846 6010B [2]	SW846 3050B [4]
Calcium	3540 J	600	mg/kg	1	02/13/09	02/13/09	ND	SW846 6010B [1]	SW846 3050B [4]
Chromium	23.5 J	1.2	mg/kg	1	02/13/09	02/13/09	ND	SW846 6010B [1]	SW846 3050B [4]
Cobalt	7.7	6.0	mg/kg	1	02/13/09	02/17/09	GT	SW846 6010B [2]	SW846 3050B [4]
Copper	26.2	3.0	mg/kg	1	02/13/09	02/13/09	ND	SW846 6010B [1]	SW846 3050B [4]
Iron	16000 J	48	mg/kg	1	02/13/09	02/13/09	ND	SW846 6010B [1]	SW846 3050B [4]
Lead	13.5 J	2.4	mg/kg	1	02/13/09	02/13/09	ND	SW846 6010B [1]	SW846 3050B [4]
Magnesium	4300 J	600	mg/kg	1	02/13/09	02/13/09	ND	SW846 6010B [1]	SW846 3050B [4]
Manganese	276 J	1.8	mg/kg	1	02/13/09	02/13/09	ND	SW846 6010B [1]	SW846 3050B [4]
Mercury	<0.040 UJ	0.040	mg/kg	1	02/20/09	02/20/09	JW	SW846 7471A [3]	SW846 7471A [5]
Nickel	14.8	4.8	mg/kg	1	02/13/09	02/13/09	ND	SW846 6010B [1]	SW846 3050B [4]
Potassium	2140 J	1200	mg/kg	1	02/13/09	02/13/09	ND	SW846 6010B [1]	SW846 3050B [4]
Selenium	<2.4	2.4	mg/kg	1	02/13/09	02/13/09	ND	SW846 6010B [1]	SW846 3050B [4]
Silver	<1.2	1.2	mg/kg	1	02/13/09	02/13/09	ND	SW846 6010B [1]	SW846 3050B [4]
Sodium	<1200	1200	mg/kg	1	02/13/09	02/13/09	ND	SW846 6010B [1]	SW846 3050B [4]
Thallium	<1.2	1.2	mg/kg	1	02/13/09	02/17/09	GT	SW846 6010B [2]	SW846 3050B [4]
Vanadium	27.9 J	6.0	mg/kg	1	02/13/09	02/13/09	ND	SW846 6010B [1]	SW846 3050B [4]
Zinc	48.0 J	2.4	mg/kg	1	02/13/09	02/17/09	GT	SW846 6010B [2]	SW846 3050B [4]

(1) Instrument QC Batch: MA22149
(2) Instrument QC Batch: MA22155
(3) Instrument QC Batch: MA22176
(4) Prep QC Batch: MP47199
(5) Prep QC Batch: MP47289

RL = Reporting Limit

Accutest Laboratories

Report of Analysis

Client Sample ID:	MW-4 (1 FT)		
Lab Sample ID:	JA11802-5	Date Sampled:	02/06/09
Matrix:	SO - Soil	Date Received:	02/10/09
		Percent Solids:	90.0
Project:	Via Verde, 700-730 Brook Avenue, Bronx, NY		

Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Aluminum	7140	21	mg/kg	1	02/13/09	02/13/09	ND	SW846 6010B [1]	SW846 3050B [4]
Antimony	<2.1 U J	2.1	mg/kg	1	02/13/09	02/13/09	ND	SW846 6010B [1]	SW846 3050B [4]
Arsenic	<2.1	2.1	mg/kg	1	02/13/09	02/13/09	ND	SW846 6010B [1]	SW846 3050B [4]
Barium	43.7 J	21	mg/kg	1	02/13/09	02/13/09	ND	SW846 6010B [1]	SW846 3050B [4]
Beryllium	<0.53	0.53	mg/kg	1	02/13/09	02/13/09	ND	SW846 6010B [1]	SW846 3050B [4]
Cadmium	<0.53	0.53	mg/kg	1	02/13/09	02/17/09	GT	SW846 6010B [2]	SW846 3050B [4]
Calcium	3380 J	530	mg/kg	1	02/13/09	02/13/09	ND	SW846 6010B [1]	SW846 3050B [4]
Chromium	17.3 J	1.1	mg/kg	1	02/13/09	02/13/09	ND	SW846 6010B [1]	SW846 3050B [4]
Cobalt	6.5	5.3	mg/kg	1	02/13/09	02/17/09	GT	SW846 6010B [2]	SW846 3050B [4]
Copper	23.2	2.7	mg/kg	1	02/13/09	02/13/09	ND	SW846 6010B [1]	SW846 3050B [4]
Iron	13400 J	44	mg/kg	1	02/13/09	02/13/09	ND	SW846 6010B [1]	SW846 3050B [4]
Lead	9.1 J	2.1	mg/kg	1	02/13/09	02/13/09	ND	SW846 6010B [1]	SW846 3050B [4]
Magnesium	4130 J	530	mg/kg	1	02/13/09	02/13/09	ND	SW846 6010B [1]	SW846 3050B [4]
Manganese	270 J	1.6	mg/kg	1	02/13/09	02/13/09	ND	SW846 6010B [1]	SW846 3050B [4]
Mercury	<0.033 UJ	0.033	mg/kg	1	02/20/09	02/20/09	JW	SW846 7471A [3]	SW846 7471A [5]
Nickel	14.6	4.3	mg/kg	1	02/13/09	02/13/09	ND	SW846 6010B [1]	SW846 3050B [4]
Potassium	1730 J	1100	mg/kg	1	02/13/09	02/13/09	ND	SW846 6010B [1]	SW846 3050B [4]
Selenium	<2.1	2.1	mg/kg	1	02/13/09	02/13/09	ND	SW846 6010B [1]	SW846 3050B [4]
Silver	<1.1	1.1	mg/kg	1	02/13/09	02/13/09	ND	SW846 6010B [1]	SW846 3050B [4]
Sodium	<1100	1100	mg/kg	1	02/13/09	02/13/09	ND	SW846 6010B [1]	SW846 3050B [4]
Thallium	<1.1	1.1	mg/kg	1	02/13/09	02/17/09	GT	SW846 6010B [2]	SW846 3050B [4]
Vanadium	22.5 J	5.3	mg/kg	1	02/13/09	02/13/09	ND	SW846 6010B [1]	SW846 3050B [4]
Zinc	38.1 J	2.1	mg/kg	1	02/13/09	02/17/09	GT	SW846 6010B [2]	SW846 3050B [4]

(1) Instrument QC Batch: MA22149
(2) Instrument QC Batch: MA22155
(3) Instrument QC Batch: MA22176
(4) Prep QC Batch: MP47199
(5) Prep QC Batch: MP47289

RL = Reporting Limit

Accutest Laboratories

Report of Analysis

Client Sample ID:	MW-4 (4 FT)		
Lab Sample ID:	JA11802-6	Date Sampled:	02/06/09
Matrix:	SO - Soil	Date Received:	02/10/09
		Percent Solids:	89.0
Project:	Via Verde, 700-730 Brook Avenue, Bronx, NY		

Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Aluminum	5820	23	mg/kg	1	02/13/09	02/13/09	ND	SW846 6010B [1]	SW846 3050B [4]
Antimony	<2.3 UJ	2.3	mg/kg	1	02/13/09	02/13/09	ND	SW846 6010B [1]	SW846 3050B [4]
Arsenic	<2.3	2.3	mg/kg	1	02/13/09	02/13/09	ND	SW846 6010B [1]	SW846 3050B [4]
Barium	53.9 J	23	mg/kg	1	02/13/09	02/13/09	ND	SW846 6010B [1]	SW846 3050B [4]
Beryllium	<0.57	0.57	mg/kg	1	02/13/09	02/13/09	ND	SW846 6010B [1]	SW846 3050B [4]
Cadmium	<0.57	0.57	mg/kg	1	02/13/09	02/17/09	GT	SW846 6010B [2]	SW846 3050B [4]
Calcium	23200 J	570	mg/kg	1	02/13/09	02/13/09	ND	SW846 6010B [1]	SW846 3050B [4]
Chromium	14.8 J	1.1	mg/kg	1	02/13/09	02/13/09	ND	SW846 6010B [1]	SW846 3050B [4]
Cobalt	<5.7	5.7	mg/kg	1	02/13/09	02/17/09	GT	SW846 6010B [2]	SW846 3050B [4]
Copper	16.9	2.8	mg/kg	1	02/13/09	02/13/09	ND	SW846 6010B [1]	SW846 3050B [4]
Iron	10900 J	44	mg/kg	1	02/13/09	02/13/09	ND	SW846 6010B [1]	SW846 3050B [4]
Lead	9.2 J	2.3	mg/kg	1	02/13/09	02/13/09	ND	SW846 6010B [1]	SW846 3050B [4]
Magnesium	13100 J	570	mg/kg	1	02/13/09	02/13/09	ND	SW846 6010B [1]	SW846 3050B [4]
Manganese	373 J	1.7	mg/kg	1	02/13/09	02/13/09	ND	SW846 6010B [1]	SW846 3050B [4]
Mercury	<0.033 vJ	0.033	mg/kg	1	02/20/09	02/20/09	JW	SW846 7471A [3]	SW846 7471A [5]
Nickel	12.7	4.5	mg/kg	1	02/13/09	02/13/09	ND	SW846 6010B [1]	SW846 3050B [4]
Potassium	1710 J	1100	mg/kg	1	02/13/09	02/13/09	ND	SW846 6010B [1]	SW846 3050B [4]
Selenium	<2.3	2.3	mg/kg	1	02/13/09	02/13/09	ND	SW846 6010B [1]	SW846 3050B [4]
Silver	<1.1	1.1	mg/kg	1	02/13/09	02/13/09	ND	SW846 6010B [1]	SW846 3050B [4]
Sodium	<1100	1100	mg/kg	1	02/13/09	02/13/09	ND	SW846 6010B [1]	SW846 3050B [4]
Thallium	<1.1	1.1	mg/kg	1	02/13/09	02/17/09	GT	SW846 6010B [2]	SW846 3050B [4]
Vanadium	18.8 J	5.7	mg/kg	1	02/13/09	02/13/09	ND	SW846 6010B [1]	SW846 3050B [4]
Zinc	39.1 J	2.3	mg/kg	1	02/13/09	02/17/09	GT	SW846 6010B [2]	SW846 3050B [4]

(1) Instrument QC Batch: MA22149
(2) Instrument QC Batch: MA22155
(3) Instrument QC Batch: MA22176
(4) Prep QC Batch: MP47199
(5) Prep QC Batch: MP47289

RL = Reporting Limit

Accutest Laboratories

Report of Analysis

Client Sample ID:	MW-X (4 FT)		
Lab Sample ID:	JA11802-7	Date Sampled:	02/06/09
Matrix:	SO - Soil	Date Received:	02/10/09
		Percent Solids:	89.0
Project:	Via Verde, 700-730 Brook Avenue, Bronx, NY		

Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Aluminum	6860	22	mg/kg	1	02/13/09	02/13/09	ND	SW846 6010B [1]	SW846 3050B [4]
Antimony	<2.2 UJ	2.2	mg/kg	1	02/13/09	02/13/09	ND	SW846 6010B [1]	SW846 3050B [4]
Arsenic	<2.2	2.2	mg/kg	1	02/13/09	02/13/09	ND	SW846 6010B [1]	SW846 3050B [4]
Barium	60.9 J	22	mg/kg	1	02/13/09	02/13/09	ND	SW846 6010B [1]	SW846 3050B [4]
Beryllium	<0.56	0.56	mg/kg	1	02/13/09	02/13/09	ND	SW846 6010B [1]	SW846 3050B [4]
Cadmium	<0.56	0.56	mg/kg	1	02/13/09	02/17/09	GT	SW846 6010B [2]	SW846 3050B [4]
Calcium	31800 J	560	mg/kg	1	02/13/09	02/13/09	ND	SW846 6010B [1]	SW846 3050B [4]
Chromium	14.9 J	1.1	mg/kg	1	02/13/09	02/13/09	ND	SW846 6010B [1]	SW846 3050B [4]
Cobalt	5.7	5.6	mg/kg	1	02/13/09	02/17/09	GT	SW846 6010B [2]	SW846 3050B [4]
Copper	16.7	2.8	mg/kg	1	02/13/09	02/13/09	ND	SW846 6010B [1]	SW846 3050B [4]
Iron	11200 J	44	mg/kg	1	02/13/09	02/13/09	ND	SW846 6010B [1]	SW846 3050B [4]
Lead	4.5 J	2.2	mg/kg	1	02/13/09	02/13/09	ND	SW846 6010B [1]	SW846 3050B [4]
Magnesium	18900 J	560	mg/kg	1	02/13/09	02/13/09	ND	SW846 6010B [1]	SW846 3050B [4]
Manganese	354 J	1.7	mg/kg	1	02/13/09	02/13/09	ND	SW846 6010B [1]	SW846 3050B [4]
Mercury	<0.033 UJ	0.033	mg/kg	1	02/20/09	02/20/09	JW	SW846 7471A [3]	SW846 7471A [5]
Nickel	13.8	4.5	mg/kg	1	02/13/09	02/13/09	ND	SW846 6010B [1]	SW846 3050B [4]
Potassium	1890 J	1100	mg/kg	1	02/13/09	02/13/09	ND	SW846 6010B [1]	SW846 3050B [4]
Selenium	<2.2	2.2	mg/kg	1	02/13/09	02/13/09	ND	SW846 6010B [1]	SW846 3050B [4]
Silver	<1.1	1.1	mg/kg	1	02/13/09	02/13/09	ND	SW846 6010B [1]	SW846 3050B [4]
Sodium	<1100	1100	mg/kg	1	02/13/09	02/13/09	ND	SW846 6010B [1]	SW846 3050B [4]
Thallium	<1.1	1.1	mg/kg	1	02/13/09	02/17/09	GT	SW846 6010B [2]	SW846 3050B [4]
Vanadium	20.6 J	5.6	mg/kg	1	02/13/09	02/13/09	ND	SW846 6010B [1]	SW846 3050B [4]
Zinc	37.7 J	2.2	mg/kg	1	02/13/09	02/17/09	GT	SW846 6010B [2]	SW846 3050B [4]

(1) Instrument QC Batch: MA22149
(2) Instrument QC Batch: MA22155
(3) Instrument QC Batch: MA22176
(4) Prep QC Batch: MP47199
(5) Prep QC Batch: MP47289

RL = Reporting Limit

Accutest Laboratories

Report of Analysis

Client Sample ID:	FB 2/9		
Lab Sample ID:	JA11802-10	Date Sampled:	02/09/09
Matrix:	AQ - Field Blank Soil	Date Received:	02/10/09
		Percent Solids:	n/a
Project:	Via Verde, 700-730 Brook Avenue, Bronx, NY		

Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Aluminum	< 200	200	ug/l	1	02/12/09	02/13/09	GT	SW846 6010B [1]	SW846 3010A [3]
Antimony	< 6.0 UJ	6.0	ug/l	1	02/12/09	02/13/09	GT	SW846 6010B [1]	SW846 3010A [3]
Arsenic	< 3.0 UJ	3.0	ug/l	1	02/12/09	02/13/09	GT	SW846 6010B [1]	SW846 3010A [3]
Barium	< 200	200	ug/l	1	02/12/09	02/13/09	GT	SW846 6010B [1]	SW846 3010A [3]
Beryllium	< 1.0	1.0	ug/l	1	02/12/09	02/13/09	GT	SW846 6010B [1]	SW846 3010A [3]
Cadmium	< 3.0	3.0	ug/l	1	02/12/09	02/13/09	GT	SW846 6010B [1]	SW846 3010A [3]
Calcium	< 5000	5000	ug/l	1	02/12/09	02/13/09	GT	SW846 6010B [1]	SW846 3010A [3]
Chromium	< 10	10	ug/l	1	02/12/09	02/13/09	GT	SW846 6010B [1]	SW846 3010A [3]
Cobalt	< 50	50	ug/l	1	02/12/09	02/13/09	GT	SW846 6010B [1]	SW846 3010A [3]
Copper	< 10	10	ug/l	1	02/12/09	02/13/09	GT	SW846 6010B [1]	SW846 3010A [3]
Iron	< 100 UJ	100	ug/l	1	02/12/09	02/13/09	GT	SW846 6010B [1]	SW846 3010A [3]
Lead	< 3.0	3.0	ug/l	1	02/12/09	02/13/09	GT	SW846 6010B [1]	SW846 3010A [3]
Magnesium	< 5000	5000	ug/l	1	02/12/09	02/13/09	GT	SW846 6010B [1]	SW846 3010A [3]
Manganese	< 15	15	ug/l	1	02/12/09	02/13/09	GT	SW846 6010B [1]	SW846 3010A [3]
Mercury	< 0.20	0.20	ug/l	1	02/19/09	02/19/09	JW	SW846 7470A [2]	SW846 7470A [4]
Nickel	< 10	10	ug/l	1	02/12/09	02/13/09	GT	SW846 6010B [1]	SW846 3010A [3]
Potassium	< 10000	10000	ug/l	1	02/12/09	02/13/09	GT	SW846 6010B [1]	SW846 3010A [3]
Selenium	< 10	10	ug/l	1	02/12/09	02/13/09	GT	SW846 6010B [1]	SW846 3010A [3]
Silver	< 10	10	ug/l	1	02/12/09	02/13/09	GT	SW846 6010B [1]	SW846 3010A [3]
Sodium	< 10000	10000	ug/l	1	02/12/09	02/13/09	GT	SW846 6010B [1]	SW846 3010A [3]
Thallium	< 2.0	2.0	ug/l	1	02/12/09	02/13/09	GT	SW846 6010B [1]	SW846 3010A [3]
Vanadium	< 50	50	ug/l	1	02/12/09	02/13/09	GT	SW846 6010B [1]	SW846 3010A [3]
Zinc	< 20 UJ	20	ug/l	1	02/12/09	02/13/09	GT	SW846 6010B [1]	SW846 3010A [3]

(1) Instrument QC Batch: MA22151
(2) Instrument QC Batch: MA22172
(3) Prep QC Batch: MP47193
(4) Prep QC Batch: MP47276

RL = Reporting Limit

APPENDIX C

2815 COVERED BRIDGE ROAD, MERRICK, NEW YORK 11566
(516) 223-9761 • FAX (516) 223-0983

ACCUTEST Laboratories

50 FB

CHAIN OF CUSTODY

PAGE 1 OF 1

2235 Route 130, Dayton, NJ 08810
TEL. 732-329-0200 FAX: 732-329-3499/3480
www.accutest.com

FED EX Tracking #: | Bottle Order Control #:
Accutest Quote #: | Accutest Job #: J A11802

Client / Reporting Information

Company Name: CA Rich Inc
Street Address: 17 Dupont Street
City: Plainview State: NY Zip: 11803
Project Contact: Deborah Shapiro E-mail:
Phone #: 516 576-8844 Fax #:
Sampler(s) Name(s): Victoria Whelan Phone #:

Project Information

Project Name: Ka Verde
Street: Brook Streets
City: Bronx State: NY
Project #:
Client Purchase Order #: 5591 2009-531
Project Manager: D. Shapiro
Attention:

Billing Information (If different from Report to)
Company Name:
Street Address:
City: Same State: Zip:

Requested Analysis (see TEST CODE sheet)

Matrix Codes: DW - Drinking Water; GW - Ground Water; WW - Water; SW - Surface Water; SO - Soil; SL - Sludge; SED - Sediment; OL - Oil; LIQ - Other Liquid; AIR - Air; SOL - Other Solid; WP - Wipe; FB - Field Blank; EB - Equipment Blank; RB - Rinse Blank; TB - Trip Blank

Accutest Sample #	Field ID / Point of Collection	MEOH Vial #	Collection Date	Collection Time	Sampled by	Matrix	# of bottles	Number of preserved Bottles: HCl	NaOH	HNO3	H2SO4	NONE	Oil Water	MEOH	ENCORE	VOC 8260	SVOC 8270	Pest. 8081	PCB 8082	Metals TAL	LAB USE ONLY
	MW-5 (0-2in)		2/6/09	915	VO	S										X	X	X	X	X	EX17,
1	MS		2/6/09	915	VO	S	2									X	X	X	X	X	AMET11,
	MSD		2/6/09	915	VO	S										X	X	X	X	X	925
-2	MW-5 (5ft)		2/6/09	930	VO	S	2									X	X	X	X	X	EX80
-3	SB-1 (4ft)		2/6/09	920	VO	S	2									X	X	X	X	X	1905
-4	SB-1 (2-4ft)		2/6/09	940	VO	S	2									X	X	X	X	X	
-5	MW-4 (1ft)		2/6/09	1135	VO	S	2									X	X	X	X	X	
-6	MW-4 (4ft)		2/6/09	1145	VO	S	2									X	X	X	X	X	
-7	MW-X (4ft)		2/6/09	140	VO	S	2									X	X	X	X	X	
8	MW-1 (1-3ft)		2/9/09	1055	VO	S	2 (1)												X		
9	MW-1 (13ft)		2/9/09	130	VO	S	2 (1)												X		
10	FB 219		2/9/09	1300	VO	W	2 (6)									X	X	X	X	X	

Turnaround Time (Business days)

- [X] Std. 15 Business Days
- [ ] Std. 10 Business Days (by Contract only)
- [ ] 10 Day RUSH
- [ ] 5 Day RUSH
- [ ] 3 Day EMERGENCY
- [ ] 2 Day EMERGENCY
- [ ] 1 Day EMERGENCY

Emergency & Rush TAT data available VIA Labtrk

Approved By (Accutest PM): / Date:

Data Deliverable Information

- [ ] Commercial "A" (Level 1)
- [ ] Commercial "B" (Level 2)
- [ ] FULLT1 (Level 3+4)
- [ ] NJ Reduced
- [ ] Commercial "C"
- [ ] NYASP Category A
- [X] NYASP Category B
- [ ] State Forms
- [ ] EDD Format
- [ ] Other

Commercial "A" = Results Only
Commercial "B" = Results + QC Summary
NJ Reduced = Results + QC Summary + Partial Raw data

Comments / Special Instructions

Site Address is 700-730 Brook Ave, Bronx NY
per Deborah Shapiro 2/10/09 (AP)

Sample Custody must be documented below each time samples change possession, including courier delivery.

	Relinquished by Sampler:	Date Time:	Received By:	Relinquished By:	Date Time:	Received By:
1		2/10/09 1030	1	2	2/10/09 1850	2
3			3	4		4
5			5	Custody Seal #	Intact / Not Intact	Preserved where applicable: On Ice: Cooler Temp: 3.6°C

B

4.1 4

JA11802: Chain of Custody
Page 1 of 3

Premier Environmental Services

APPENDIX D

2815 COVERED BRIDGE ROAD, MERRICK, NEW YORK 11566
(516) 223-9761 • FAX (516) 223-0983

Volatile Surrogate Recovery Summary

Job Number: JA11802
Account: CARICH C. A. Rich Consultants
Project: Via Verde, 700-730 Brook Avenue, Bronx, NY

Method: SW846 8260B Matrix: AQ

Samples and QC shown here apply to the above method

Lab Sample ID	Lab File ID	S1	S2	S3	S4
JA11802-10	3B43218.D	117.0	123.0	112.0	115.0
JA12450-1MS	3B43214.D	123.0* [a]	123.0	113.0	115.0
JA12450-1MSD	3B43215.D	121.0* [a]	119.0	111.0	115.0
V3B1993-BS	3B43207.D	119.0	112.0	111.0	113.0
V3B1993-MB	3B43206.D	113.0	111.0	111.0	111.0

Surrogate Compounds	Recovery Limits
S1 = Dibromofluoromethane	72-120%
S2 = 1,2-Dichloroethane-D4	59-137%
S3 = Toluene-D8	73-116%
S4 = 4-Bromofluorobenzene	69-126%

(a) Outside in house control limits.

Volatile Surrogate Recovery Summary

Job Number: JA11802
Account: CARICH C. A. Rich Consultants
Project: Via Verde, 700-730 Brook Avenue, Bronx, NY

Method: SW846 8260B Matrix: SO

Samples and QC shown here apply to the above method

Lab Sample ID	Lab File ID	S1	S2	S3	S4
JA11802-1	Y85125.D	103.0	115.0	91.0	96.0
JA11802-2	Y85126.D	108.0	119.0	91.0	95.0
JA11802-3	Y85127.D	109.0	123.0	89.0	95.0
JA11802-4	Y85128.D	111.0	129.0	92.0	95.0
JA11802-5	Y85129.D	110.0	127.0	93.0	96.0
JA11802-6	G118135.D	97.0	96.0	93.0	98.0
JA11802-7	G118136.D	96.0	98.0	93.0	98.0
JA11802-1MS	Y85122.D	96.0	104.0	94.0	95.0
JA11802-1MSD	Y85123.D	95.0	101.0	94.0	95.0
JA12475-2MS	G118137.D	97.0	98.0	98.0	98.0
JA12475-2MSD	G118138.D	96.0	97.0	97.0	100.0
VG5659-BS	G118128.D	94.0	92.0	96.0	96.0
VG5659-MB1	G118126.D	92.0	92.0	92.0	98.0
VY3539-BS	Y85121.D	96.0	103.0	98.0	91.0
VY3539-MB1	Y85120.D	104.0	114.0	91.0	93.0

Surrogate Compounds	Recovery Limits
S1 = Dibromofluoromethane	67-125%
S2 = 1,2-Dichloroethane-D4	64-131%
S3 = Toluene-D8	73-124%
S4 = 4-Bromofluorobenzene	61-136%

Raw Data: Y85122.D Y85123.D

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: JA11802
Account: CARICH C. A. Rich Consultants
Project: Via Verde, 700-730 Brook Avenue, Bronx, NY

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
JA11802-1MS	Y85122.D	1	02/19/09	HJK	n/a	n/a	VY3539
JA11802-1MSD	Y85123.D	1	02/19/09	HJK	n/a	n/a	VY3539
JA11802-1	Y85125.D	1	02/20/09	HJK	n/a	n/a	VY3539

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

JA11802-1, JA11802-2, JA11802-3, JA11802-4, JA11802-5

CAS No.	Compound	JA11802-1 ug/kg	Q	Spike ug/kg	MS ug/kg	MS %	MSD ug/kg	MSD %	RPD	Limits Rec/RPD
67-64-1	Acetone	ND		61	53.0	87	31.1	51	52* [a]	28-182/31
71-43-2	Benzene	ND		61	42.3	69	46.8	77	10	50-133/26
108-86-1	Bromobenzene	ND		61	28.0	46	32.7	54	15	33-148/27
74-97-5	Bromochloromethane	ND		61	38.9	64	45.7	75	16	55-136/25
75-27-4	Bromodichloromethane	ND		61	43.7	72	49.6	81	13	49-148/27
75-25-2	Bromoform	ND		61	36.4	60	43.0	70	17	40-149/26
74-83-9	Bromomethane	ND		61	43.2	71	46.3	76	7	12-138/32
78-93-3	2-Butanone (MEK)	ND		61	44.5	73	45.3	74	2	35-164/28
104-51-8	n-Butylbenzene	ND		61	24.3	40	28.0	46	14	11-162/32
135-98-8	sec-Butylbenzene	ND		61	35.2	58	40.0	66	13	18-156/30
98-06-6	tert-Butylbenzene	ND		61	41.7	68	47.2	77	12	23-155/28
56-23-5	Carbon tetrachloride	ND		61	50.6	83	53.8	88	6	25-169/26
108-90-7	Chlorobenzene	ND		61	31.6	52	36.6	60	15	39-141/28
75-00-3	Chloroethane	ND		61	43.7	72	46.4	76	6	6-141/31
67-66-3	Chloroform	ND		61	48.6	80	53.9	88	10	53-133/26
74-87-3	Chloromethane	ND		61	47.6	78	48.9	80	3	29-134/29
95-49-8	o-Chlorotoluene	ND		61	32.4	53	36.2	59	11	27-148/29
106-43-4	p-Chlorotoluene	ND		61	27.8	46	31.7	52	13	24-146/28
96-12-8	1,2-Dibromo-3-chloropropane	ND		61	40.6	67	46.6	76	14	34-149/28
124-48-1	Dibromochloromethane	ND		61	41.1	67	46.5	76	12	38-163/27
106-93-4	1,2-Dibromoethane	ND		61	32.9	54	39.9	65	19	49-141/27
95-50-1	1,2-Dichlorobenzene	ND		61	26.4	43	30.3	50	14	22-152/26
541-73-1	1,3-Dichlorobenzene	ND		61	23.4	38	27.3	45	15	21-150/28
106-46-7	1,4-Dichlorobenzene	ND		61	21.9	36	26.0	43	17	21-148/28
75-71-8	Dichlorodifluoromethane	ND		61	48.8	80	47.3	78	3	10-164/28
75-34-3	1,1-Dichloroethane	ND		61	51.1	84	55.6	91	8	54-130/26
107-06-2	1,2-Dichloroethane	ND		61	43.5	71	50.3	82	14	50-143/25
75-35-4	1,1-Dichloroethene	ND		61	39.2	64	46.2	76	16	40-140/26
156-59-2	cis-1,2-Dichloroethene	ND		61	36.0	59	42.3	69	16	51-134/26
156-60-5	trans-1,2-Dichloroethene	ND		61	34.2	56	41.0	67	18	45-136/26
78-87-5	1,2-Dichloropropane	ND		61	48.7	80	54.5	89	11	57-130/25
142-28-9	1,3-Dichloropropane	ND		61	40.0	66	46.3	76	15	56-132/26
594-20-7	2,2-Dichloropropane	ND		61	54.2	89	56.2	92	4	31-135/27
563-58-6	1,1-Dichloropropene	ND		61	36.7	60	45.0	74	20	40-142/26
10061-01-5	cis-1,3-Dichloropropene	ND		61	32.4	53	40.4	66	22	46-137/27
10061-02-6	trans-1,3-Dichloropropene	ND		61	28.7	47	36.7	60	24	41-143/27

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: JA11802
Account: CARICH C. A. Rich Consultants
Project: Via Verde, 700-730 Brook Avenue, Bronx, NY

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
JA11802-1MS	Y85122.D	1	02/19/09	HJK	n/a	n/a	VY3539
JA11802-1MSD	Y85123.D	1	02/19/09	HJK	n/a	n/a	VY3539
JA11802-1	Y85125.D	1	02/20/09	HJK	n/a	n/a	VY3539

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

JA11802-1, JA11802-2, JA11802-3, JA11802-4, JA11802-5

CAS No.	Compound	JA11802-1 ug/kg	Q	Spike ug/kg	MS ug/kg	MS %	MSD ug/kg	MSD %	RPD	Limits Rec/RPD
100-41-4	Ethylbenzene	0.77	J	61	38.0	61	42.7	69	12	36-146/27
87-68-3	Hexachlorobutadiene	ND		61	25.6	42	31.9	52	22	6-175/33
98-82-8	Isopropylbenzene	ND		61	40.6	67	46.1	76	13	30-148/27
99-87-6	p-Isopropyltoluene	ND		61	33.5	55	38.0	62	13	16-160/30
1634-04-4	Methyl Tert Butyl Ether	ND		61	58.6	96	60.4	99	3	54-134/24
108-10-1	4-Methyl-2-pentanone(MIBK)	ND		61	51.6	85	64.9	106	23	44-146/28
74-95-3	Methylene bromide	ND		61	36.6	60	45.0	74	21	55-137/25
75-09-2	Methylene chloride	ND		61	39.1	64	43.7	72	11	49-133/25
91-20-3	Naphthalene	ND		61	18.8	31	21.8	36	15	6-163/35
103-65-1	n-Propylbenzene	ND		61	33.5	55	37.8	62	12	25-148/28
100-42-5	Styrene	ND		61	29.4	48	33.9	56	14	31-154/29
630-20-6	1,1,1,2-Tetrachloroethane	ND		61	46.6	76	50.1	82	7	41-153/27
79-34-5	1,1,2,2-Tetrachloroethane	ND		61	43.9	72	49.8	82	13	45-135/28
127-18-4	Tetrachloroethene	ND		61	46.7	77	51.0	84	9	32-168/29
108-88-3	Toluene	9.7		61	58.2	80	63.0	87	8	43-142/26
87-61-6	1,2,3-Trichlorobenzene	ND		61	15.0	25	17.7	29	17	3-160/35
120-82-1	1,2,4-Trichlorobenzene	ND		61	13.4	22	16.3	27	20	6-161/32
71-55-6	1,1,1-Trichloroethane	ND		61	53.9	88	56.4	92	5	40-146/26
79-00-5	1,1,2-Trichloroethane	ND		61	43.8	72	49.8	82	13	53-137/27
79-01-6	Trichloroethene	ND		61	35.1	58	41.1	67	16	42-148/26
75-69-4	Trichlorofluoromethane	ND		61	48.5	80	49.3	81	2	22-159/28
96-18-4	1,2,3-Trichloropropane	ND		61	45.2	74	51.0	84	12	53-137/26
95-63-6	1,2,4-Trimethylbenzene	ND		61	33.0	54	37.3	61	12	19-157/31
108-67-8	1,3,5-Trimethylbenzene	ND		61	35.9	59	39.9	65	11	24-155/29
75-01-4	Vinyl chloride	ND		61	40.8	67	42.8	70	5	33-135/27
	m,p-Xylene	1.9	J	122	74.7	60	81.9	66	9	29-150/29
95-47-6	o-Xylene	ND		61	41.1	67	44.7	73	8	37-146/28
1330-20-7	Xylene (total)	2.2	J	183	116	62	127	68	9	31-149/28

CAS No.	Surrogate Recoveries	MS	MSD	JA11802-1	Limits
1868-53-7	Dibromofluoromethane	96%	95%	103%	67-125%
17060-07-0	1,2-Dichloroethane-D4	104%	101%	115%	64-131%
2037-26-5	Toluene-D8	94%	94%	91%	73-124%
460-00-4	4-Bromofluorobenzene	95%	95%	96%	61-136%

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: JA11802
Account: CARICH C. A. Rich Consultants
Project: Via Verde, 700-730 Brook Avenue, Bronx, NY

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
JA11802-1MS	Y85122.D	1	02/19/09	HJK	n/a	n/a	VY3539
JA11802-1MSD	Y85123.D	1	02/19/09	HJK	n/a	n/a	VY3539
JA11802-1	Y85125.D	1	02/20/09	HJK	n/a	n/a	VY3539

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

JA11802-1, JA11802-2, JA11802-3, JA11802-4, JA11802-5

(a) Outside control limits due to matrix interference.

Raw Data: 3B43214.D 3B43215.D

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: JA11802
Account: CARICH C. A. Rich Consultants
Project: Via Verde, 700-730 Brook Avenue, Bronx, NY

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
JA12450-1MS	3B43214.D	1	02/20/09	NMC	n/a	n/a	V3B1993
JA12450-1MSD	3B43215.D	1	02/20/09	NMC	n/a	n/a	V3B1993
JA12450-1	3B43209.D	1	02/20/09	NMC	n/a	n/a	V3B1993

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

JA11802-10

CAS No.	Compound	JA12450-1 ug/l	Q	Spike ug/l	MS ug/l	MS %	MSD ug/l	MSD %	RPD	Limits Rec/RPD
67-64-1	Acetone	ND		50	47.8	96	50.0	100	4	40-156/23
71-43-2	Benzene	ND		50	51.2	102	53.3	107	4	43-144/15
108-86-1	Bromobenzene	ND		50	48.6	97	51.4	103	6	69-129/17
74-97-5	Bromochloromethane	ND		50	53.4	107	55.6	111	4	70-131/17
75-27-4	Bromodichloromethane	ND		50	55.5	111	56.2	112	1	69-142/17
75-25-2	Bromoform	ND		50	40.7	81	42.4	85	4	46-147/19
74-83-9	Bromomethane	ND		50	66.2	132	63.9	128	4	53-149/21
78-93-3	2-Butanone (MEK)	ND		50	48.2	96	49.1	98	2	57-139/18
104-51-8	n-Butylbenzene	ND		50	55.4	111	58.1	116	5	50-159/18
135-98-8	sec-Butylbenzene	ND		50	54.4	109	57.4	115	5	55-144/18
98-06-6	tert-Butylbenzene	ND		50	57.2	114	60.7	121	6	52-152/19
56-23-5	Carbon tetrachloride	ND		50	56.5	113	58.0	116	3	50-169/21
108-90-7	Chlorobenzene	ND		50	49.7	99	52.6	105	6	69-128/16
75-00-3	Chloroethane	ND		50	55.6	111	54.0	108	3	52-150/22
67-66-3	Chloroform	ND		50	54.5	109	55.8	112	2	66-138/18
74-87-3	Chloromethane	ND		50	58.3	117	54.8	110	6	43-148/24
95-49-8	o-Chlorotoluene	ND		50	52.3	105	54.1	108	3	62-140/18
106-43-4	p-Chlorotoluene	ND		50	52.1	104	54.1	108	4	62-135/18
96-12-8	1,2-Dibromo-3-chloropropane	ND		50	57.6	115	59.1	118	3	56-150/19
124-48-1	Dibromochloromethane	ND		50	50.9	102	52.9	106	4	63-141/17
106-93-4	1,2-Dibromoethane	ND		50	52.3	105	54.1	108	3	69-132/15
95-50-1	1,2-Dichlorobenzene	ND		50	50.5	101	53.2	106	5	69-127/16
541-73-1	1,3-Dichlorobenzene	ND		50	49.4	99	52.0	104	5	67-129/16
106-46-7	1,4-Dichlorobenzene	ND		50	49.1	98	51.8	104	5	67-127/17
75-71-8	Dichlorodifluoromethane	ND		50	62.0	124	57.6	115	7	29-173/26
75-34-3	1,1-Dichloroethane	ND		50	55.9	112	57.8	116	3	62-137/19
107-06-2	1,2-Dichloroethane	ND		50	58.9	118	59.3	119	1	61-155/17
75-35-4	1,1-Dichloroethene	ND		50	47.3	95	49.9	100	5	51-145/20
156-59-2	cis-1,2-Dichloroethene	ND		50	50.4	101	52.9	106	5	61-134/17
156-60-5	trans-1,2-Dichloroethene	ND		50	48.0	96	50.8	102	6	59-134/19
78-87-5	1,2-Dichloropropane	ND		50	52.3	105	53.7	107	3	68-131/17
142-28-9	1,3-Dichloropropane	ND		50	51.9	104	53.3	107	3	74-128/16
594-20-7	2,2-Dichloropropane	ND		50	58.3	117	59.5	119	2	36-157/21
563-58-6	1,1-Dichloropropene	ND		50	55.1	110	57.2	114	4	58-147/20
10061-01-5	cis-1,3-Dichloropropene	ND		50	53.7	107	55.0	110	2	67-134/18
10061-02-6	trans-1,3-Dichloropropene	ND		50	53.5	107	54.2	108	1	64-141/18

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: JA11802
Account: CARICH C. A. Rich Consultants
Project: Via Verde, 700-730 Brook Avenue, Bronx, NY

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
JA12450-1MS	3B43214.D	1	02/20/09	NMC	n/a	n/a	V3B1993
JA12450-1MSD	3B43215.D	1	02/20/09	NMC	n/a	n/a	V3B1993
JA12450-1	3B43209.D	1	02/20/09	NMC	n/a	n/a	V3B1993

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

JA11802-10

CAS No.	Compound	JA12450-1 ug/l	Q	Spike ug/l	MS ug/l	MS %	MSD ug/l	MSD %	RPD	Limits Rec/RPD
100-41-4	Ethylbenzene	ND		50	51.0	102	53.7	107	5	41-149/16
87-68-3	Hexachlorobutadiene	ND		50	51.6	103	54.7	109	6	43-153/21
98-82-8	Isopropylbenzene	ND		50	54.3	109	57.6	115	6	56-143/17
99-87-6	p-Isopropyltoluene	ND		50	53.6	107	57.0	114	6	57-143/18
1634-04-4	Methyl Tert Butyl Ether	ND		50	53.2	106	54.6	109	3	50-141/15
108-10-1	4-Methyl-2-pentanone(MIBK)	ND		50	55.4	111	55.4	111	0	55-148/18
74-95-3	Methylene bromide	ND		50	55.1	110	55.7	111	1	73-135/17
75-09-2	Methylene chloride	ND		50	48.9	98	51.3	103	5	63-130/17
91-20-3	Naphthalene	ND		50	50.0	100	52.4	105	5	36-158/18
103-65-1	n-Propylbenzene	ND		50	52.6	105	55.6	111	6	52-149/17
100-42-5	Styrene	ND		50	50.8	102	53.5	107	5	59-142/17
630-20-6	1,1,1,2-Tetrachloroethane	ND		50	52.2	104	54.2	108	4	69-142/17
79-34-5	1,1,2,2-Tetrachloroethane	ND		50	52.5	105	54.3	109	3	65-129/17
127-18-4	Tetrachloroethene	ND		50	52.3	105	55.3	111	6	49-151/18
108-88-3	Toluene	ND		50	50.7	101	52.7	105	4	43-148/16
87-61-6	1,2,3-Trichlorobenzene	ND		50	49.7	99	52.6	105	6	54-143/19
120-82-1	1,2,4-Trichlorobenzene	ND		50	52.6	105	55.9	112	6	60-138/19
71-55-6	1,1,1-Trichloroethane	ND		50	59.3	119	61.4	123	3	56-158/20
79-00-5	1,1,2-Trichloroethane	ND		50	52.1	104	53.3	107	2	72-131/17
79-01-6	Trichloroethene	13.5		50	67.7	108	69.9	113	3	56-145/17
75-69-4	Trichlorofluoromethane	ND		50	56.0	112	53.3	107	5	48-167/24
96-18-4	1,2,3-Trichloropropane	ND		50	53.3	107	55.2	110	4	67-134/17
95-63-6	1,2,4-Trimethylbenzene	ND		50	52.6	105	55.1	110	5	36-155/16
108-67-8	1,3,5-Trimethylbenzene	ND		50	54.2	108	57.1	114	5	47-151/17
75-01-4	Vinyl chloride	ND		50	53.1	106	52.1	104	2	43-151/23
	m,p-Xylene	ND		100	99.5	100	105	105	5	36-151/16
95-47-6	o-Xylene	ND		50	51.1	102	53.8	108	5	49-144/16
1330-20-7	Xylene (total)	ND		150	151	101	158	105	5	40-149/16

CAS No.	Surrogate Recoveries	MS	MSD	JA12450-1	Limits
1868-53-7	Dibromofluoromethane	123%* [a]	121%* [a]	116%	72-120%
17060-07-0	1,2-Dichloroethane-D4	123%	119%	114%	59-137%
2037-26-5	Toluene-D8	113%	111%	111%	73-116%
460-00-4	4-Bromofluorobenzene	115%	115%	113%	69-126%

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: JA11802
Account: CARICH C. A. Rich Consultants
Project: Via Verde, 700-730 Brook Avenue, Bronx, NY

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
JA12450-1MS	3B43214.D	1	02/20/09	NMC	n/a	n/a	V3B1993
JA12450-1MSD	3B43215.D	1	02/20/09	NMC	n/a	n/a	V3B1993
JA12450-1	3B43209.D	1	02/20/09	NMC	n/a	n/a	V3B1993

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

JA11802-10

(a) Outside in house control limits.

Raw Data: G118137.D G118138.D

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: JA11802
Account: CARICH C. A. Rich Consultants
Project: Via Verde, 700-730 Brook Avenue, Bronx, NY

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
JA12475-2MS	G118137.D	1	02/20/09	SJM	n/a	n/a	VG5659
JA12475-2MSD	G118138.D	1	02/20/09	SJM	n/a	n/a	VG5659
JA12475-2	G118130.D	1	02/20/09	SJM	n/a	n/a	VG5659

5.3

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

JA11802-6, JA11802-7

CAS No.	Compound	JA12475-2 ug/kg	Q	Spike ug/kg	MS ug/kg	MS %	MSD ug/kg	MSD %	RPD	Limits Rec/RPD
67-64-1	Acetone	ND		59.5	79.3	133	51.7	85	42* [a]	28-182/31
71-43-2	Benzene	ND		59.5	51.6	87	58.4	96	12	50-133/26
108-86-1	Bromobenzene	ND		59.5	50.9	86	60.3	99	17	33-148/27
74-97-5	Bromochloromethane	ND		59.5	51.2	86	57.3	94	11	55-136/25
75-27-4	Bromodichloromethane	ND		59.5	60.6	102	68.0	112	12	49-148/27
75-25-2	Bromoform	ND		59.5	52.1	88	56.5	93	8	40-149/26
74-83-9	Bromomethane	ND		59.5	56.4	95	57.1	94	1	12-138/32
78-93-3	2-Butanone (MEK)	ND		59.5	46.4	78	45.8	75	1	35-164/28
104-51-8	n-Butylbenzene	ND		59.5	42.2	71	54.9	90	26	11-162/32
135-98-8	sec-Butylbenzene	ND		59.5	46.1	78	58.1	96	23	18-156/30
98-06-6	tert-Butylbenzene	ND		59.5	50.3	85	61.9	102	21	23-155/28
56-23-5	Carbon tetrachloride	ND		59.5	61.4	103	71.2	117	15	25-169/26
108-90-7	Chlorobenzene	ND		59.5	51.0	86	59.8	98	16	39-141/28
75-00-3	Chloroethane	ND		59.5	59.1	99	59.6	98	1	6-141/31
67-66-3	Chloroform	ND		59.5	54.6	92	62.0	102	13	53-133/26
74-87-3	Chloromethane	ND		59.5	64.1	108	56.5	93	13	29-134/29
95-49-8	o-Chlorotoluene	ND		59.5	45.0	76	63.4	104	34*	27-148/29
106-43-4	p-Chlorotoluene	ND		59.5	51.2	86	59.1	97	14	24-146/28
96-12-8	1,2-Dibromo-3-chloropropane	ND		59.5	51.2	86	54.6	90	6	34-149/28
124-48-1	Dibromochloromethane	ND		59.5	58.2	98	65.8	108	12	38-163/27
106-93-4	1,2-Dibromoethane	ND		59.5	50.9	86	55.9	92	9	49-141/27
95-50-1	1,2-Dichlorobenzene	ND		59.5	45.9	77	56.5	93	21	22-152/26
541-73-1	1,3-Dichlorobenzene	ND		59.5	45.8	77	56.3	93	21	21-150/28
106-46-7	1,4-Dichlorobenzene	ND		59.5	42.1	71	52.3	86	22	21-148/28
75-71-8	Dichlorodifluoromethane	ND		59.5	64.0	108	61.7	101	4	10-164/28
75-34-3	1,1-Dichloroethane	ND		59.5	53.3	90	61.7	101	15	54-130/26
107-06-2	1,2-Dichloroethane	ND		59.5	61.8	104	65.7	108	6	50-143/25
75-35-4	1,1-Dichloroethene	ND		59.5	47.5	80	57.0	94	18	40-140/26
156-59-2	cis-1,2-Dichloroethene	ND		59.5	50.2	84	58.6	96	15	51-134/26
156-60-5	trans-1,2-Dichloroethene	ND		59.5	48.7	82	59.7	98	20	45-136/26
78-87-5	1,2-Dichloropropane	ND		59.5	55.2	93	62.1	102	12	57-130/25
142-28-9	1,3-Dichloropropane	ND		59.5	54.4	91	59.9	98	10	56-132/26
594-20-7	2,2-Dichloropropane	ND		59.5	51.9	87	60.1	99	15	31-135/27
563-58-6	1,1-Dichloropropene	ND		59.5	55.4	93	63.7	105	14	40-142/26
10061-01-5	cis-1,3-Dichloropropene	ND		59.5	55.8	94	61.3	101	9	46-137/27
10061-02-6	trans-1,3-Dichloropropene	ND		59.5	55.2	93	60.6	100	9	41-143/27

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: JA11802
Account: CARICH C. A. Rich Consultants
Project: Via Verde, 700-730 Brook Avenue, Bronx, NY

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
JA12475-2MS	G118137.D	1	02/20/09	SJM	n/a	n/a	VG5659
JA12475-2MSD	G118138.D	1	02/20/09	SJM	n/a	n/a	VG5659
JA12475-2	G118130.D	1	02/20/09	SJM	n/a	n/a	VG5659

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

JA11802-6, JA11802-7

CAS No.	Compound	JA12475-2 ug/kg	Q	Spike ug/kg	MS ug/kg	MS %	MSD ug/kg	MSD %	RPD	Limits Rec/RPD
100-41-4	Ethylbenzene	ND		59.5	52.5	88	62.1	102	17	36-146/27
87-68-3	Hexachlorobutadiene	ND		59.5	34.2	57	48.6	80	35* [a]	6-175/33
98-82-8	Isopropylbenzene	ND		59.5	52.2	88	63.2	104	19	30-148/27
99-87-6	p-Isopropyltoluene	ND		59.5	46.3	78	58.9	97	24	16-160/30
1634-04-4	Methyl Tert Butyl Ether	ND		59.5	52.4	88	55.6	91	6	54-134/24
108-10-1	4-Methyl-2-pentanone(MIBK)	ND		59.5	51.6	87	52.5	86	2	44-146/28
74-95-3	Methylene bromide	ND		59.5	57.4	97	61.8	102	7	55-137/25
75-09-2	Methylene chloride	ND		59.5	50.4	85	56.6	93	12	49-133/25
91-20-3	Naphthalene	ND		59.5	38.1	64	46.0	76	19	6-163/35
103-65-1	n-Propylbenzene	ND		59.5	49.9	84	60.5	99	19	25-148/28
100-42-5	Styrene	ND		59.5	52.6	88	64.1	105	20	31-154/29
630-20-6	1,1,1,2-Tetrachloroethane	ND		59.5	57.8	97	67.3	111	15	41-153/27
79-34-5	1,1,2,2-Tetrachloroethane	ND		59.5	52.8	89	57.6	95	9	45-135/28
127-18-4	Tetrachloroethene	ND		59.5	50.3	85	61.5	101	20	32-168/29
108-88-3	Toluene	ND		59.5	53.3	90	61.8	102	15	43-142/26
87-61-6	1,2,3-Trichlorobenzene	ND		59.5	32.8	55	44.4	73	30	3-160/35
120-82-1	1,2,4-Trichlorobenzene	ND		59.5	32.9	55	47.2	78	36* [a]	6-161/32
71-55-6	1,1,1-Trichloroethane	ND		59.5	56.1	94	65.2	107	15	40-146/26
79-00-5	1,1,2-Trichloroethane	ND		59.5	55.1	93	59.5	98	8	53-137/27
79-01-6	Trichloroethene	ND		59.5	54.4	91	63.3	104	15	42-148/26
75-69-4	Trichlorofluoromethane	ND		59.5	67.0	113	67.1	110	0	22-159/28
96-18-4	1,2,3-Trichloropropane	ND		59.5	55.1	93	58.3	96	6	53-137/26
95-63-6	1,2,4-Trimethylbenzene	ND		59.5	49.4	83	60.6	100	20	19-157/31
108-67-8	1,3,5-Trimethylbenzene	ND		59.5	49.1	83	60.6	100	21	24-155/29
75-01-4	Vinyl chloride	ND		59.5	62.0	104	62.7	103	1	33-135/27
	m,p-Xylene	ND		119	102	86	121	99	17	29-150/29
95-47-6	o-Xylene	ND		59.5	51.6	87	62.0	102	18	37-146/28
1330-20-7	Xylene (total)	ND		178	153	86	183	100	18	31-149/28

CAS No.	Surrogate Recoveries	MS	MSD	JA12475-2	Limits
1868-53-7	Dibromofluoromethane	97%	96%	94%	67-125%
17060-07-0	1,2-Dichloroethane-D4	98%	97%	93%	64-131%
2037-26-5	Toluene-D8	98%	97%	93%	73-124%
460-00-4	4-Bromofluorobenzene	98%	100%	100%	61-136%

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: JA11802
Account: CARICH C. A. Rich Consultants
Project: Via Verde, 700-730 Brook Avenue, Bronx, NY

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
JA12475-2MS	G118137.D	1	02/20/09	SJM	n/a	n/a	VG5659
JA12475-2MSD	G118138.D	1	02/20/09	SJM	n/a	n/a	VG5659
JA12475-2	G118130.D	1	02/20/09	SJM	n/a	n/a	VG5659

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

JA11802-6, JA11802-7

(a) Outside control limits due to matrix interference.

5.3
5

Raw Data: Y85121.D

Blank Spike Summary

Job Number: JA11802
Account: CARICH C. A. Rich Consultants
Project: Via Verde, 700-730 Brook Avenue, Bronx, NY

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
VY3539-BS	Y85121.D	1	02/19/09	HJK	n/a	n/a	VY3539

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

JA11802-1, JA11802-2, JA11802-3, JA11802-4, JA11802-5

CAS No.	Compound	Spike ug/kg	BSP ug/kg	BSP %	Limits
67-64-1	Acetone	50	64.0	128	46-158
71-43-2	Benzene	50	50.2	100	81-121
108-86-1	Bromobenzene	50	53.0	106	79-122
74-97-5	Bromochloromethane	50	52.8	106	81-124
75-27-4	Bromodichloromethane	50	56.0	112	80-134
75-25-2	Bromoform	50	54.4	109	70-137
74-83-9	Bromomethane	50	58.7	117	64-138
78-93-3	2-Butanone (MEK)	50	56.0	112	54-140
104-51-8	n-Butylbenzene	50	54.1	108	63-134
135-98-8	sec-Butylbenzene	50	55.7	111	70-127
98-06-6	tert-Butylbenzene	50	55.3	111	71-130
56-23-5	Carbon tetrachloride	50	54.4	109	63-157
108-90-7	Chlorobenzene	50	52.5	105	81-118
75-00-3	Chloroethane	50	56.4	113	67-140
67-66-3	Chloroform	50	57.1	114	79-123
74-87-3	Chloromethane	50	53.4	107	53-140
95-49-8	o-Chlorotoluene	50	51.8	104	75-121
106-43-4	p-Chlorotoluene	50	54.2	108	74-120
96-12-8	1,2-Dibromo-3-chloropropane	50	59.7	119	66-132
124-48-1	Dibromochloromethane	50	56.5	113	69-149
106-93-4	1,2-Dibromoethane	50	55.4	111	80-125
95-50-1	1,2-Dichlorobenzene	50	54.8	110	75-121
541-73-1	1,3-Dichlorobenzene	50	52.4	105	75-119
106-46-7	1,4-Dichlorobenzene	50	51.9	104	72-118
75-71-8	Dichlorodifluoromethane	50	46.9	94	38-168
75-34-3	1,1-Dichloroethane	50	55.6	111	75-126
107-06-2	1,2-Dichloroethane	50	61.5	123	74-138
75-35-4	1,1-Dichloroethene	50	49.6	99	75-127
156-59-2	cis-1,2-Dichloroethene	50	51.0	102	77-123
156-60-5	trans-1,2-Dichloroethene	50	50.6	101	78-124
78-87-5	1,2-Dichloropropane	50	56.5	113	77-124
142-28-9	1,3-Dichloropropane	50	56.3	113	82-121
594-20-7	2,2-Dichloropropane	50	52.5	105	51-141
563-58-6	1,1-Dichloropropene	50	54.2	108	80-124
10061-01-5	cis-1,3-Dichloropropene	50	55.7	111	79-125
10061-02-6	trans-1,3-Dichloropropene	50	60.3	121	77-128

Blank Spike Summary

Job Number: JA11802
Account: CARICH C. A. Rich Consultants
Project: Via Verde, 700-730 Brook Avenue, Bronx, NY

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
VY3539-BS	Y85121.D	1	02/19/09	HJK	n/a	n/a	VY3539

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

JA11802-1, JA11802-2, JA11802-3, JA11802-4, JA11802-5

CAS No.	Compound	Spike ug/kg	BSP ug/kg	BSP %	Limits
100-41-4	Ethylbenzene	50	53.7	107	84-122
87-68-3	Hexachlorobutadiene	50	66.8	134	52-144
98-82-8	Isopropylbenzene	50	64.4	129* [a]	77-125
99-87-6	p-Isopropyltoluene	50	54.2	108	69-129
1634-04-4	Methyl Tert Butyl Ether	50	53.4	107	73-127
108-10-1	4-Methyl-2-pentanone(MIBK)	50	57.2	114	67-137
74-95-3	Methylene bromide	50	58.4	117	82-125
75-09-2	Methylene chloride	50	45.1	90	72-125
91-20-3	Naphthalene	50	54.2	108	37-143
103-65-1	n-Propylbenzene	50	55.9	112	76-122
100-42-5	Styrene	50	54.1	108	83-124
630-20-6	1,1,1,2-Tetrachloroethane	50	56.1	112	77-135
79-34-5	1,1,2,2-Tetrachloroethane	50	55.5	111	73-123
127-18-4	Tetrachloroethene	50	51.5	103	75-133
108-88-3	Toluene	50	52.4	105	84-123
87-61-6	1,2,3-Trichlorobenzene	50	52.4	105	36-146
120-82-1	1,2,4-Trichlorobenzene	50	52.6	105	49-138
71-55-6	1,1,1-Trichloroethane	50	54.5	109	74-134
79-00-5	1,1,2-Trichloroethane	50	55.5	111	79-124
79-01-6	Trichloroethene	50	52.9	106	83-122
75-69-4	Trichlorofluoromethane	50	54.2	108	63-153
96-18-4	1,2,3-Trichloropropane	50	51.4	103	67-126
95-63-6	1,2,4-Trimethylbenzene	50	55.8	112	77-123
108-67-8	1,3,5-Trimethylbenzene	50	52.1	104	77-124
75-01-4	Vinyl chloride	50	52.1	104	62-135
	m,p-Xylene	100	104	104	81-122
95-47-6	o-Xylene	50	54.1	108	81-122
1330-20-7	Xylene (total)	150	158	105	82-121

CAS No.	Surrogate Recoveries	BSP	Limits
1868-53-7	Dibromofluoromethane	96%	67-125%
17060-07-0	1,2-Dichloroethane-D4	103%	64-131%
2037-26-5	Toluene-D8	98%	73-124%
460-00-4	4-Bromofluorobenzene	91%	61-136%

Blank Spike Summary

Job Number: JA11802
Account: CARICH C. A. Rich Consultants
Project: Via Verde, 700-730 Brook Avenue, Bronx, NY

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
VY3539-BS	Y85121.D	1	02/19/09	HJK	n/a	n/a	VY3539

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

JA11802-1, JA11802-2, JA11802-3, JA11802-4, JA11802-5

(a) High percent recoveries and no associated positive found in the QC batch.

Raw Data: 3B43207.D

Blank Spike Summary

Job Number: JA11802
Account: CARICH C. A. Rich Consultants
Project: Via Verde, 700-730 Brook Avenue, Bronx, NY

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
V3B1993-BS	3B43207.D	1	02/20/09	NMC	n/a	n/a	V3B1993

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

JA11802-10

CAS No.	Compound	Spike ug/l	BSP ug/l	BSP %	Limits
67-64-1	Acetone	50	45.0	90	47-150
71-43-2	Benzene	50	50.1	100	78-121
108-86-1	Bromobenzene	50	51.2	102	78-120
74-97-5	Bromochloromethane	50	54.5	109	78-125
75-27-4	Bromodichloromethane	50	53.0	106	77-134
75-25-2	Bromoform	50	46.0	92	52-146
74-83-9	Bromomethane	50	67.1	134	57-147
78-93-3	2-Butanone (MEK)	50	49.6	99	64-130
104-51-8	n-Butylbenzene	50	51.8	104	74-129
135-98-8	sec-Butylbenzene	50	52.1	104	74-127
98-06-6	tert-Butylbenzene	50	55.9	112	72-135
56-23-5	Carbon tetrachloride	50	53.3	107	67-157
108-90-7	Chlorobenzene	50	50.6	101	80-118
75-00-3	Chloroethane	50	55.0	110	63-147
67-66-3	Chloroform	50	51.8	104	77-128
74-87-3	Chloromethane	50	54.4	109	52-151
95-49-8	o-Chlorotoluene	50	51.2	102	74-124
106-43-4	p-Chlorotoluene	50	51.5	103	73-123
96-12-8	1,2-Dibromo-3-chloropropane	50	59.2	118	63-138
124-48-1	Dibromochloromethane	50	54.9	110	71-137
106-93-4	1,2-Dibromoethane	50	55.1	110	77-126
95-50-1	1,2-Dichlorobenzene	50	51.6	103	78-119
541-73-1	1,3-Dichlorobenzene	50	49.8	100	74-122
106-46-7	1,4-Dichlorobenzene	50	50.1	100	75-120
75-71-8	Dichlorodifluoromethane	50	56.2	112	43-172
75-34-3	1,1-Dichloroethane	50	52.9	106	74-128
107-06-2	1,2-Dichloroethane	50	57.0	114	70-149
75-35-4	1,1-Dichloroethene	50	48.6	97	72-132
156-59-2	cis-1,2-Dichloroethene	50	48.9	98	73-121
156-60-5	trans-1,2-Dichloroethene	50	47.3	95	74-127
78-87-5	1,2-Dichloropropane	50	52.1	104	77-122
142-28-9	1,3-Dichloropropane	50	52.8	106	81-120
594-20-7	2,2-Dichloropropane	50	53.5	107	47-147
563-58-6	1,1-Dichloropropene	50	52.0	104	78-129
10061-01-5	cis-1,3-Dichloropropene	50	55.0	110	77-124
10061-02-6	trans-1,3-Dichloropropene	50	54.2	108	73-132

Blank Spike Summary

Job Number: JA11802
Account: CARICH C. A. Rich Consultants
Project: Via Verde, 700-730 Brook Avenue, Bronx, NY

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
V3B1993-BS	3B43207.D	1	02/20/09	NMC	n/a	n/a	V3B1993

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

JA11802-10

CAS No.	Compound	Spike ug/l	BSP ug/l	BSP %	Limits
100-41-4	Ethylbenzene	50	50.4	101	80-125
87-68-3	Hexachlorobutadiene	50	51.4	103	57-145
98-82-8	Isopropylbenzene	50	62.0	124	69-132
99-87-6	p-Isopropyltoluene	50	51.0	102	75-125
1634-04-4	Methyl Tert Butyl Ether	50	52.4	105	74-126
108-10-1	4-Methyl-2-pentanone(MIBK)	50	56.4	113	62-141
74-95-3	Methylene bromide	50	55.3	111	81-126
75-09-2	Methylene chloride	50	48.6	97	71-125
91-20-3	Naphthalene	50	52.8	106	37-151
103-65-1	n-Propylbenzene	50	52.4	105	76-128
100-42-5	Styrene	50	51.9	104	79-126
630-20-6	1,1,1,2-Tetrachloroethane	50	53.5	107	77-132
79-34-5	1,1,2,2-Tetrachloroethane	50	55.8	112	72-122
127-18-4	Tetrachloroethene	50	52.4	105	69-138
108-88-3	Toluene	50	49.8	100	78-125
87-61-6	1,2,3-Trichlorobenzene	50	52.0	104	62-134
120-82-1	1,2,4-Trichlorobenzene	50	55.1	110	70-129
71-55-6	1,1,1-Trichloroethane	50	54.7	109	73-145
79-00-5	1,1,2-Trichloroethane	50	52.4	105	77-122
79-01-6	Trichloroethene	50	52.9	106	81-125
75-69-4	Trichlorofluoromethane	50	50.9	102	69-157
96-18-4	1,2,3-Trichloropropane	50	51.0	102	67-118
95-63-6	1,2,4-Trimethylbenzene	50	52.7	105	77-125
108-67-8	1,3,5-Trimethylbenzene	50	54.3	109	77-127
75-01-4	Vinyl chloride	50	54.2	108	59-146
	m,p-Xylene	100	98.7	99	79-123
95-47-6	o-Xylene	50	50.6	101	80-122
1330-20-7	Xylene (total)	150	149	99	80-122

CAS No.	Surrogate Recoveries	BSP	Limits
1868-53-7	Dibromofluoromethane	119%	72-120%
17060-07-0	1,2-Dichloroethane-D4	112%	59-137%
2037-26-5	Toluene-D8	111%	73-116%
460-00-4	4-Bromofluorobenzene	113%	69-126%

Raw Data: G118128.D

Blank Spike Summary

Job Number: JA11802
Account: CARICH C. A. Rich Consultants
Project: Via Verde, 700-730 Brook Avenue, Bronx, NY

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
VG5659-BS	G118128.D	1	02/20/09	SJM	n/a	n/a	VG5659

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

JA11802-6, JA11802-7

CAS No.	Compound	Spike ug/kg	BSP ug/kg	BSP %	Limits
67-64-1	Acetone	50	50.5	101	46-158
71-43-2	Benzene	50	47.1	94	81-121
108-86-1	Bromobenzene	50	49.3	99	79-122
74-97-5	Bromochloromethane	50	46.6	93	81-124
75-27-4	Bromodichloromethane	50	50.1	100	80-134
75-25-2	Bromoform	50	44.7	89	70-137
74-83-9	Bromomethane	50	52.1	104	64-138
78-93-3	2-Butanone (MEK)	50	40.3	81	54-140
104-51-8	n-Butylbenzene	50	53.1	106	63-134
135-98-8	sec-Butylbenzene	50	50.2	100	70-127
98-06-6	tert-Butylbenzene	50	49.5	99	71-130
56-23-5	Carbon tetrachloride	50	54.7	109	63-157
108-90-7	Chlorobenzene	50	48.6	97	81-118
75-00-3	Chloroethane	50	51.9	104	67-140
67-66-3	Chloroform	50	49.5	99	79-123
74-87-3	Chloromethane	50	52.1	104	53-140
95-49-8	o-Chlorotoluene	50	50.2	100	75-121
106-43-4	p-Chlorotoluene	50	46.5	93	74-120
96-12-8	1,2-Dibromo-3-chloropropane	50	45.4	91	66-132
124-48-1	Dibromochloromethane	50	50.6	101	69-149
106-93-4	1,2-Dibromoethane	50	44.8	90	80-125
95-50-1	1,2-Dichlorobenzene	50	47.7	95	75-121
541-73-1	1,3-Dichlorobenzene	50	48.6	97	75-119
106-46-7	1,4-Dichlorobenzene	50	44.3	89	72-118
75-71-8	Dichlorodifluoromethane	50	49.7	99	38-168
75-34-3	1,1-Dichloroethane	50	49.1	98	75-126
107-06-2	1,2-Dichloroethane	50	51.4	103	74-138
75-35-4	1,1-Dichloroethene	50	50.4	101	75-127
156-59-2	cis-1,2-Dichloroethene	50	46.7	93	77-123
156-60-5	trans-1,2-Dichloroethene	50	49.8	100	78-124
78-87-5	1,2-Dichloropropane	50	49.2	98	77-124
142-28-9	1,3-Dichloropropane	50	48.2	96	82-121
594-20-7	2,2-Dichloropropane	50	49.2	98	51-141
563-58-6	1,1-Dichloropropene	50	51.3	103	80-124
10061-01-5	cis-1,3-Dichloropropene	50	50.3	101	79-125
10061-02-6	trans-1,3-Dichloropropene	50	47.9	96	77-128

Blank Spike Summary

Job Number: JA11802
Account: CARICH C. A. Rich Consultants
Project: Via Verde, 700-730 Brook Avenue, Bronx, NY

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
VG5659-BS	G118128.D	1	02/20/09	SJM	n/a	n/a	VG5659

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

JA11802-6, JA11802-7

CAS No.	Compound	Spike ug/kg	BSP ug/kg	BSP %	Limits
100-41-4	Ethylbenzene	50	49.3	99	84-122
87-68-3	Hexachlorobutadiene	50	57.4	115	52-144
98-82-8	Isopropylbenzene	50	59.2	118	77-125
99-87-6	p-Isopropyltoluene	50	49.3	99	69-129
1634-04-4	Methyl Tert Butyl Ether	50	45.0	90	73-127
108-10-1	4-Methyl-2-pentanone(MIBK)	50	42.8	86	67-137
74-95-3	Methylene bromide	50	48.6	97	82-125
75-09-2	Methylene chloride	50	45.0	90	72-125
91-20-3	Naphthalene	50	42.2	84	37-143
103-65-1	n-Propylbenzene	50	50.8	102	76-122
100-42-5	Styrene	50	50.9	102	83-124
630-20-6	1,1,1,2-Tetrachloroethane	50	53.6	107	77-135
79-34-5	1,1,2,2-Tetrachloroethane	50	46.0	92	73-123
127-18-4	Tetrachloroethene	50	50.6	101	75-133
108-88-3	Toluene	50	50.1	100	84-123
87-61-6	1,2,3-Trichlorobenzene	50	45.5	91	36-146
120-82-1	1,2,4-Trichlorobenzene	50	49.9	100	49-138
71-55-6	1,1,1-Trichloroethane	50	51.5	103	74-134
79-00-5	1,1,2-Trichloroethane	50	46.6	93	79-124
79-01-6	Trichloroethene	50	51.5	103	83-122
75-69-4	Trichlorofluoromethane	50	52.6	105	63-153
96-18-4	1,2,3-Trichloropropane	50	41.7	83	67-126
95-63-6	1,2,4-Trimethylbenzene	50	49.8	100	77-123
108-67-8	1,3,5-Trimethylbenzene	50	50.1	100	77-124
75-01-4	Vinyl chloride	50	52.3	105	62-135
	m,p-Xylene	100	97.4	97	81-122
95-47-6	o-Xylene	50	50.1	100	81-122
1330-20-7	Xylene (total)	150	147	98	82-121

CAS No.	Surrogate Recoveries	BSP	Limits
1868-53-7	Dibromofluoromethane	94%	67-125%
17060-07-0	1,2-Dichloroethane-D4	92%	64-131%
2037-26-5	Toluene-D8	96%	73-124%
460-00-4	4-Bromofluorobenzene	96%	61-136%

Raw Data: Y85120.D

Method Blank Summary

Job Number: JA11802
Account: CARICH C. A. Rich Consultants
Project: Via Verde, 700-730 Brook Avenue, Bronx, NY

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
VY3539-MB1	Y85120.D	1	02/19/09	HJK	n/a	n/a	VY3539

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

JA11802-1, JA11802-2, JA11802-3, JA11802-4, JA11802-5

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	ND	10	2.2	ug/kg	
71-43-2	Benzene	ND	1.0	0.35	ug/kg	
108-86-1	Bromobenzene	ND	5.0	0.34	ug/kg	
74-97-5	Bromochloromethane	ND	5.0	0.27	ug/kg	
75-27-4	Bromodichloromethane	ND	5.0	0.26	ug/kg	
75-25-2	Bromoform	ND	5.0	0.34	ug/kg	
74-83-9	Bromomethane	ND	5.0	0.88	ug/kg	
78-93-3	2-Butanone (MEK)	ND	10	2.2	ug/kg	
104-51-8	n-Butylbenzene	ND	5.0	1.7	ug/kg	
135-98-8	sec-Butylbenzene	ND	5.0	0.49	ug/kg	
98-06-6	tert-Butylbenzene	ND	5.0	0.28	ug/kg	
56-23-5	Carbon tetrachloride	ND	5.0	0.94	ug/kg	
108-90-7	Chlorobenzene	ND	5.0	0.30	ug/kg	
75-00-3	Chloroethane	ND	5.0	0.68	ug/kg	
67-66-3	Chloroform	ND	5.0	0.46	ug/kg	
74-87-3	Chloromethane	ND	5.0	0.71	ug/kg	
95-49-8	o-Chlorotoluene	ND	5.0	0.29	ug/kg	
106-43-4	p-Chlorotoluene	ND	5.0	0.36	ug/kg	
96-12-8	1,2-Dibromo-3-chloropropane	ND	10	1.5	ug/kg	
124-48-1	Dibromochloromethane	ND	5.0	0.27	ug/kg	
106-93-4	1,2-Dibromoethane	ND	1.0	0.40	ug/kg	
95-50-1	1,2-Dichlorobenzene	ND	5.0	0.37	ug/kg	
541-73-1	1,3-Dichlorobenzene	ND	5.0	0.30	ug/kg	
106-46-7	1,4-Dichlorobenzene	ND	5.0	0.31	ug/kg	
75-71-8	Dichlorodifluoromethane	ND	5.0	1.6	ug/kg	
75-34-3	1,1-Dichloroethane	ND	5.0	0.39	ug/kg	
107-06-2	1,2-Dichloroethane	ND	1.0	0.43	ug/kg	
75-35-4	1,1-Dichloroethene	ND	5.0	0.52	ug/kg	
156-59-2	cis-1,2-Dichloroethene	ND	5.0	0.36	ug/kg	
156-60-5	trans-1,2-Dichloroethene	ND	5.0	0.32	ug/kg	
78-87-5	1,2-Dichloropropane	ND	5.0	0.39	ug/kg	
142-28-9	1,3-Dichloropropane	ND	5.0	0.27	ug/kg	
594-20-7	2,2-Dichloropropane	ND	5.0	0.37	ug/kg	
563-58-6	1,1-Dichloropropene	ND	5.0	0.34	ug/kg	
10061-01-5	cis-1,3-Dichloropropene	ND	5.0	0.24	ug/kg	
10061-02-6	trans-1,3-Dichloropropene	ND	5.0	0.25	ug/kg	

Method Blank Summary

Job Number: JA11802
Account: CARICH C. A. Rich Consultants
Project: Via Verde, 700-730 Brook Avenue, Bronx, NY

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
VY3539-MB1	Y85120.D	1	02/19/09	HJK	n/a	n/a	VY3539

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

JA11802-1, JA11802-2, JA11802-3, JA11802-4, JA11802-5

CAS No.	Compound	Result	RL	MDL	Units	Q
100-41-4	Ethylbenzene	ND	1.0	0.41	ug/kg	
87-68-3	Hexachlorobutadiene	ND	5.0	0.59	ug/kg	
98-82-8	Isopropylbenzene	ND	5.0	0.45	ug/kg	
99-87-6	p-Isopropyltoluene	ND	5.0	0.50	ug/kg	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	0.35	ug/kg	
108-10-1	4-Methyl-2-pentanone(MIBK)	ND	5.0	2.4	ug/kg	
74-95-3	Methylene bromide	ND	5.0	0.36	ug/kg	
75-09-2	Methylene chloride	ND	5.0	0.29	ug/kg	
91-20-3	Naphthalene	ND	5.0	0.48	ug/kg	
103-65-1	n-Propylbenzene	ND	5.0	0.48	ug/kg	
100-42-5	Styrene	ND	5.0	0.29	ug/kg	
630-20-6	1,1,1,2-Tetrachloroethane	ND	5.0	0.53	ug/kg	
79-34-5	1,1,2,2-Tetrachloroethane	ND	5.0	0.25	ug/kg	
127-18-4	Tetrachloroethene	ND	5.0	0.47	ug/kg	
108-88-3	Toluene	ND	1.0	0.33	ug/kg	
87-61-6	1,2,3-Trichlorobenzene	ND	5.0	0.48	ug/kg	
120-82-1	1,2,4-Trichlorobenzene	ND	5.0	0.42	ug/kg	
71-55-6	1,1,1-Trichloroethane	ND	5.0	0.53	ug/kg	
79-00-5	1,1,2-Trichloroethane	ND	5.0	0.26	ug/kg	
79-01-6	Trichloroethene	ND	5.0	0.29	ug/kg	
75-69-4	Trichlorofluoromethane	ND	5.0	1.5	ug/kg	
96-18-4	1,2,3-Trichloropropane	ND	5.0	2.2	ug/kg	
95-63-6	1,2,4-Trimethylbenzene	ND	5.0	0.24	ug/kg	
108-67-8	1,3,5-Trimethylbenzene	ND	5.0	0.35	ug/kg	
75-01-4	Vinyl chloride	ND	5.0	0.63	ug/kg	
	m,p-Xylene	ND	2.0	0.30	ug/kg	
95-47-6	o-Xylene	ND	1.0	0.30	ug/kg	
1330-20-7	Xylene (total)	ND	2.0	0.30	ug/kg	

CAS No.	Surrogate Recoveries		Limits
1868-53-7	Dibromofluoromethane	104%	67-125%
17060-07-0	1,2-Dichloroethane-D4	114%	64-131%
2037-26-5	Toluene-D8	91%	73-124%
460-00-4	4-Bromofluorobenzene	93%	61-136%

Method Blank Summary

Job Number: JA11802
Account: CARICH C. A. Rich Consultants
Project: Via Verde, 700-730 Brook Avenue, Bronx, NY

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
VY3539-MB1	Y85120.D	1	02/19/09	HJK	n/a	n/a	VY3539

The QC reported here applies to the following samples: Method:

JA11802-1, JA11802-2, JA11802-3, JA11802-4, JA11802-5

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

Raw Data: 3B43206.D

Method Blank Summary

Job Number: JA11802
Account: CARICH C. A. Rich Consultants
Project: Via Verde, 700-730 Brook Avenue, Bronx, NY

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
V3B1993-MB	3B43206.D	1	02/20/09	NMC	n/a	n/a	V3B1993

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

JA11802-10

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	ND	10	2.1	ug/l	
71-43-2	Benzene	ND	1.0	0.26	ug/l	
108-86-1	Bromobenzene	ND	5.0	0.18	ug/l	
74-97-5	Bromochloromethane	ND	5.0	0.24	ug/l	
75-27-4	Bromodichloromethane	ND	1.0	0.14	ug/l	
75-25-2	Bromoform	ND	4.0	0.18	ug/l	
74-83-9	Bromomethane	ND	2.0	0.32	ug/l	
78-93-3	2-Butanone (MEK)	ND	10	2.3	ug/l	
104-51-8	n-Butylbenzene	ND	5.0	0.61	ug/l	
135-98-8	sec-Butylbenzene	ND	5.0	0.27	ug/l	
98-06-6	tert-Butylbenzene	ND	5.0	0.15	ug/l	
56-23-5	Carbon tetrachloride	ND	1.0	0.18	ug/l	
108-90-7	Chlorobenzene	ND	1.0	0.19	ug/l	
75-00-3	Chloroethane	ND	1.0	0.22	ug/l	
67-66-3	Chloroform	ND	1.0	0.16	ug/l	
74-87-3	Chloromethane	ND	1.0	0.29	ug/l	
95-49-8	o-Chlorotoluene	ND	5.0	0.55	ug/l	
106-43-4	p-Chlorotoluene	ND	5.0	0.34	ug/l	
96-12-8	1,2-Dibromo-3-chloropropane	ND	10	1.3	ug/l	
124-48-1	Dibromochloromethane	ND	1.0	0.16	ug/l	
106-93-4	1,2-Dibromoethane	ND	2.0	0.18	ug/l	
95-50-1	1,2-Dichlorobenzene	ND	1.0	0.18	ug/l	
541-73-1	1,3-Dichlorobenzene	ND	1.0	0.26	ug/l	
106-46-7	1,4-Dichlorobenzene	ND	1.0	0.22	ug/l	
75-71-8	Dichlorodifluoromethane	ND	5.0	0.88	ug/l	
75-34-3	1,1-Dichloroethane	ND	1.0	0.24	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.35	ug/l	
75-35-4	1,1-Dichloroethene	ND	1.0	0.29	ug/l	
156-59-2	cis-1,2-Dichloroethene	ND	1.0	0.25	ug/l	
156-60-5	trans-1,2-Dichloroethene	ND	1.0	0.16	ug/l	
78-87-5	1,2-Dichloropropane	ND	1.0	0.18	ug/l	
142-28-9	1,3-Dichloropropane	ND	5.0	0.20	ug/l	
594-20-7	2,2-Dichloropropane	ND	5.0	0.19	ug/l	
563-58-6	1,1-Dichloropropene	ND	5.0	0.23	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND	1.0	0.18	ug/l	
10061-02-6	trans-1,3-Dichloropropene	ND	1.0	0.15	ug/l	

Method Blank Summary

Job Number: JA11802
Account: CARICH C. A. Rich Consultants
Project: Via Verde, 700-730 Brook Avenue, Bronx, NY

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
V3B1993-MB	3B43206.D	1	02/20/09	NMC	n/a	n/a	V3B1993

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

JA11802-10

CAS No.	Compound	Result	RL	MDL	Units	Q
100-41-4	Ethylbenzene	ND	1.0	0.27	ug/l	
87-68-3	Hexachlorobutadiene	ND	5.0	0.23	ug/l	
98-82-8	Isopropylbenzene	ND	2.0	0.19	ug/l	
99-87-6	p-Isopropyltoluene	ND	5.0	0.25	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	0.16	ug/l	
108-10-1	4-Methyl-2-pentanone(MIBK)	ND	5.0	1.3	ug/l	
74-95-3	Methylene bromide	ND	5.0	0.18	ug/l	
75-09-2	Methylene chloride	ND	2.0	0.16	ug/l	
91-20-3	Naphthalene	ND	5.0	1.2	ug/l	
103-65-1	n-Propylbenzene	ND	5.0	0.18	ug/l	
100-42-5	Styrene	ND	5.0	0.17	ug/l	
630-20-6	1,1,1,2-Tetrachloroethane	ND	5.0	0.12	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0	0.13	ug/l	
127-18-4	Tetrachloroethene	ND	1.0	0.29	ug/l	
108-88-3	Toluene	ND	1.0	0.15	ug/l	
87-61-6	1,2,3-Trichlorobenzene	ND	5.0	1.2	ug/l	
120-82-1	1,2,4-Trichlorobenzene	ND	5.0	1.3	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	0.17	ug/l	
79-01-6	Trichloroethene	ND	1.0	0.18	ug/l	
75-69-4	Trichlorofluoromethane	ND	5.0	0.25	ug/l	
96-18-4	1,2,3-Trichloropropane	ND	5.0	1.3	ug/l	
95-63-6	1,2,4-Trimethylbenzene	ND	5.0	0.22	ug/l	
108-67-8	1,3,5-Trimethylbenzene	ND	5.0	0.58	ug/l	
75-01-4	Vinyl chloride	ND	1.0	0.21	ug/l	
	m,p-Xylene	ND	1.0	0.39	ug/l	
95-47-6	o-Xylene	ND	1.0	0.39	ug/l	
1330-20-7	Xylene (total)	ND	1.0	0.39	ug/l	

CAS No.	Surrogate Recoveries		Limits
1868-53-7	Dibromofluoromethane	113%	72-120%
17060-07-0	1,2-Dichloroethane-D4	111%	59-137%
2037-26-5	Toluene-D8	111%	73-116%
460-00-4	4-Bromofluorobenzene	111%	69-126%

Raw Data: G118126.D

Method Blank Summary

Job Number: JA11802
Account: CARICH C. A. Rich Consultants
Project: Via Verde, 700-730 Brook Avenue, Bronx, NY

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
VG5659-MB1	G118126.D	1	02/20/09	SJM	n/a	n/a	VG5659

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

JA11802-6, JA11802-7

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	ND	10	2.2	ug/kg	
71-43-2	Benzene	ND	1.0	0.35	ug/kg	
108-86-1	Bromobenzene	ND	5.0	0.34	ug/kg	
74-97-5	Bromochloromethane	ND	5.0	0.27	ug/kg	
75-27-4	Bromodichloromethane	ND	5.0	0.26	ug/kg	
75-25-2	Bromoform	ND	5.0	0.34	ug/kg	
74-83-9	Bromomethane	ND	5.0	0.88	ug/kg	
78-93-3	2-Butanone (MEK)	ND	10	2.2	ug/kg	
104-51-8	n-Butylbenzene	ND	5.0	1.7	ug/kg	
135-98-8	sec-Butylbenzene	ND	5.0	0.49	ug/kg	
98-06-6	tert-Butylbenzene	ND	5.0	0.28	ug/kg	
56-23-5	Carbon tetrachloride	ND	5.0	0.94	ug/kg	
108-90-7	Chlorobenzene	ND	5.0	0.30	ug/kg	
75-00-3	Chloroethane	ND	5.0	0.68	ug/kg	
67-66-3	Chloroform	ND	5.0	0.46	ug/kg	
74-87-3	Chloromethane	ND	5.0	0.71	ug/kg	
95-49-8	o-Chlorotoluene	ND	5.0	0.29	ug/kg	
106-43-4	p-Chlorotoluene	ND	5.0	0.36	ug/kg	
96-12-8	1,2-Dibromo-3-chloropropane	ND	10	1.5	ug/kg	
124-48-1	Dibromochloromethane	ND	5.0	0.27	ug/kg	
106-93-4	1,2-Dibromoethane	ND	1.0	0.40	ug/kg	
95-50-1	1,2-Dichlorobenzene	ND	5.0	0.37	ug/kg	
541-73-1	1,3-Dichlorobenzene	ND	5.0	0.30	ug/kg	
106-46-7	1,4-Dichlorobenzene	ND	5.0	0.31	ug/kg	
75-71-8	Dichlorodifluoromethane	ND	5.0	1.6	ug/kg	
75-34-3	1,1-Dichloroethane	ND	5.0	0.39	ug/kg	
107-06-2	1,2-Dichloroethane	ND	1.0	0.43	ug/kg	
75-35-4	1,1-Dichloroethene	ND	5.0	0.52	ug/kg	
156-59-2	cis-1,2-Dichloroethene	ND	5.0	0.36	ug/kg	
156-60-5	trans-1,2-Dichloroethene	ND	5.0	0.32	ug/kg	
78-87-5	1,2-Dichloropropane	ND	5.0	0.39	ug/kg	
142-28-9	1,3-Dichloropropane	ND	5.0	0.27	ug/kg	
594-20-7	2,2-Dichloropropane	ND	5.0	0.37	ug/kg	
563-58-6	1,1-Dichloropropene	ND	5.0	0.34	ug/kg	
10061-01-5	cis-1,3-Dichloropropene	ND	5.0	0.24	ug/kg	
10061-02-6	trans-1,3-Dichloropropene	ND	5.0	0.25	ug/kg	

Method Blank Summary

Job Number: JA11802
Account: CARICH C. A. Rich Consultants
Project: Via Verde, 700-730 Brook Avenue, Bronx, NY

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
VG5659-MB1	G118126.D	1	02/20/09	SJM	n/a	n/a	VG5659

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

JA11802-6, JA11802-7

CAS No.	Compound	Result	RL	MDL	Units	Q
100-41-4	Ethylbenzene	ND	1.0	0.41	ug/kg	
87-68-3	Hexachlorobutadiene	ND	5.0	0.59	ug/kg	
98-82-8	Isopropylbenzene	ND	5.0	0.45	ug/kg	
99-87-6	p-Isopropyltoluene	ND	5.0	0.50	ug/kg	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	0.35	ug/kg	
108-10-1	4-Methyl-2-pentanone(MIBK)	ND	5.0	2.4	ug/kg	
74-95-3	Methylene bromide	ND	5.0	0.36	ug/kg	
75-09-2	Methylene chloride	0.96	5.0	0.29	ug/kg	J
91-20-3	Naphthalene	ND	5.0	0.48	ug/kg	
103-65-1	n-Propylbenzene	ND	5.0	0.48	ug/kg	
100-42-5	Styrene	ND	5.0	0.29	ug/kg	
630-20-6	1,1,1,2-Tetrachloroethane	ND	5.0	0.53	ug/kg	
79-34-5	1,1,2,2-Tetrachloroethane	ND	5.0	0.25	ug/kg	
127-18-4	Tetrachloroethene	ND	5.0	0.47	ug/kg	
108-88-3	Toluene	ND	1.0	0.33	ug/kg	
87-61-6	1,2,3-Trichlorobenzene	ND	5.0	0.48	ug/kg	
120-82-1	1,2,4-Trichlorobenzene	ND	5.0	0.42	ug/kg	
71-55-6	1,1,1-Trichloroethane	ND	5.0	0.53	ug/kg	
79-00-5	1,1,2-Trichloroethane	ND	5.0	0.26	ug/kg	
79-01-6	Trichloroethene	ND	5.0	0.29	ug/kg	
75-69-4	Trichlorofluoromethane	ND	5.0	1.5	ug/kg	
96-18-4	1,2,3-Trichloropropane	ND	5.0	2.2	ug/kg	
95-63-6	1,2,4-Trimethylbenzene	ND	5.0	0.24	ug/kg	
108-67-8	1,3,5-Trimethylbenzene	ND	5.0	0.35	ug/kg	
75-01-4	Vinyl chloride	ND	5.0	0.63	ug/kg	
	m,p-Xylene	ND	2.0	0.30	ug/kg	
95-47-6	o-Xylene	ND	1.0	0.30	ug/kg	
1330-20-7	Xylene (total)	ND	2.0	0.30	ug/kg	

CAS No.	Surrogate Recoveries		Limits
1868-53-7	Dibromofluoromethane	92%	67-125%
17060-07-0	1,2-Dichloroethane-D4	92%	64-131%
2037-26-5	Toluene-D8	92%	73-124%
460-00-4	4-Bromofluorobenzene	98%	61-136%

Method Blank Summary

Job Number: JA11802
Account: CARICH C. A. Rich Consultants
Project: Via Verde, 700-730 Brook Avenue, Bronx, NY

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
VG5659-MB1	G118126.D	1	02/20/09	SJM	n/a	n/a	VG5659

The QC reported here applies to the following samples: Method:

JA11802-6, JA11802-7

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

Instrument Performance Check (BFB)

Job Number: JA11802
Account: CARICH C. A. Rich Consultants
Project: Via Verde, 700-730 Brook Avenue, Bronx, NY

Sample: V3B1965-BFB
Lab File ID: 3B42613.D
Instrument ID: GCMS3B

Injection Date: 02/03/09
Injection Time: 10:29

m/e	Ion Abundance Criteria	Raw Abundance	% Relative Abundance		Pass/Fail
50	15.0 - 40.0% of mass 95	9545	15.9		Pass
75	30.0 - 60.0% of mass 95	27432	45.6		Pass
95	Base peak, 100% relative abundance	60093	100.0		Pass
96	5.0 - 9.0% of mass 95	3924	6.5		Pass
173	Less than 2.0% of mass 174	118	0.2	(0.18) [a]	Pass
174	50.0 - 120.0% of mass 95	66237	110.2		Pass
175	5.0 - 9.0% of mass 174	4727	7.9	(7.1) [a]	Pass
176	95.0 - 101.0% of mass 174	65173	108.5	(98.4) [a]	Pass
177	5.0 - 9.0% of mass 176	4370	7.3	(6.7) [b]	Pass

(a) Value is % of mass 174
(b) Value is % of mass 176

This check applies to the following Samples, MS, MSD, Blanks, and Standards:

Lab Sample ID	Lab File ID	Date Analyzed	Time Analyzed	Hours Lapsed	Client Sample ID
V3B1965-IC1965	3B42614.D	02/03/09	11:05	00:36	Initial cal 10
V3B1965-IC1965	3B42615.D	02/03/09	11:35	01:06	Initial cal 5
V3B1965-IC1965	3B42616.D	02/03/09	12:05	01:36	Initial cal 2
V3B1965-IC1965	3B42617.D	02/03/09	12:34	02:05	Initial cal 1
V3B1965-IC1965	3B42619.D	02/03/09	13:33	03:04	Initial cal 20
V3B1965-ICC1965	3B42620.D	02/03/09	14:03	03:34	Initial cal 50
V3B1965-IC1965	3B42621.D	02/03/09	14:33	04:04	Initial cal 100
V3B1965-IC1965	3B42622.D	02/03/09	15:03	04:34	Initial cal 200
V3B1965-ICV1965	3B42625.D	02/03/09	16:31	06:02	Initial cal verification 50

Instrument Performance Check (BFB)

Job Number: JA11802
Account: CARICH C. A. Rich Consultants
Project: Via Verde, 700-730 Brook Avenue, Bronx, NY

Sample:	V3B1993-BFB	Injection Date:	02/20/09
Lab File ID:	3B43203.D	Injection Time:	08:03
Instrument ID:	GCMS3B		

m/e	Ion Abundance Criteria	Raw Abundance	% Relative Abundance		Pass/Fail
50	15.0 - 40.0% of mass 95	11777	17.3		Pass
75	30.0 - 60.0% of mass 95	31762	46.6		Pass
95	Base peak, 100% relative abundance	68210	100.0		Pass
96	5.0 - 9.0% of mass 95	4589	6.7		Pass
173	Less than 2.0% of mass 174	0	0.0	(0.0) [a]	Pass
174	50.0 - 150.0% of mass 95	69760	102.3		Pass
175	5.0 - 9.0% of mass 174	5245	7.7	(7.5) [a]	Pass
176	95.0 - 101.0% of mass 174	68557	100.5	(98.3) [a]	Pass
177	5.0 - 9.0% of mass 176	4475	6.6	(6.5) [b]	Pass

(a) Value is % of mass 174
(b) Value is % of mass 176

This check applies to the following Samples, MS, MSD, Blanks, and Standards:

Lab Sample ID	Lab File ID	Date Analyzed	Time Analyzed	Hours Lapsed	Client Sample ID
V3B1993-CC1965	3B43205.D	02/20/09	09:12	01:09	Continuing cal 20
V3B1993-MB	3B43206.D	02/20/09	09:48	01:45	Method Blank
V3B1993-BS	3B43207.D	02/20/09	10:21	02:18	Blank Spike
JA12450-1	3B43209.D	02/20/09	11:22	03:19	(used for QC only; not part of job JA11802)
ZZZZZZ	3B43210.D	02/20/09	11:52	03:49	(unrelated sample)
ZZZZZZ	3B43211.D	02/20/09	12:22	04:19	(unrelated sample)
ZZZZZZ	3B43212.D	02/20/09	12:51	04:48	(unrelated sample)
ZZZZZZ	3B43213.D	02/20/09	13:21	05:18	(unrelated sample)
JA12450-1MS	3B43214.D	02/20/09	13:51	05:48	Matrix Spike
JA12450-1MSD	3B43215.D	02/20/09	14:21	06:18	Matrix Spike Duplicate
ZZZZZZ	3B43217.D	02/20/09	15:20	07:17	(unrelated sample)
JA11802-10	3B43218.D	02/20/09	15:50	07:47	FB 2/9
ZZZZZZ	3B43219.D	02/20/09	16:20	08:17	(unrelated sample)

Instrument Performance Check (BFB)

Job Number: JA11802
Account: CARICH C. A. Rich Consultants
Project: Via Verde, 700-730 Brook Avenue, Bronx, NY

Sample:	VG5644-BFB1	Injection Date:	02/10/09
Lab File ID:	G117798.D	Injection Time:	11:49
Instrument ID:	GCMSG		

m/e	Ion Abundance Criteria	Raw Abundance	% Relative Abundance		Pass/Fail
50	15.0 - 40.0% of mass 95	4927	24.4		Pass
75	30.0 - 60.0% of mass 95	11253	55.8		Pass
95	Base peak, 100% relative abundance	20184	100.0		Pass
96	5.0 - 9.0% of mass 95	1576	7.8		Pass
173	Less than 2.0% of mass 174	0	0.0	(0.0) [a]	Pass
174	50.0 - 120.0% of mass 95	13628	67.5		Pass
175	5.0 - 9.0% of mass 174	1021	5.1	(7.5) [a]	Pass
176	95.0 - 101.0% of mass 174	13366	66.2	(98.1) [a]	Pass
177	5.0 - 9.0% of mass 176	1009	5.0	(7.5) [b]	Pass

(a) Value is % of mass 174
(b) Value is % of mass 176

This check applies to the following Samples, MS, MSD, Blanks, and Standards:

Lab Sample ID	Lab File ID	Date Analyzed	Time Analyzed	Hours Lapsed	Client Sample ID
VG5644-IC5644	G117799.D	02/10/09	12:27	00:38	Initial cal 0.5
VG5644-IC5644	G117800.D	02/10/09	13:08	01:19	Initial cal 1
VG5644-IC5644	G117801.D	02/10/09	13:50	02:01	Initial cal 5
VG5644-IC5644	G117803.D	02/10/09	15:08	03:19	Initial cal 20
VG5644-ICC5644	G117804.D	02/10/09	15:46	03:57	Initial cal 50
VG5644-IC5644	G117805.D	02/10/09	16:21	04:32	Initial cal 100
VG5644-IC5644	G117806.D	02/10/09	16:56	05:07	Initial cal 200
VG5644-IC5644	G117808.D	02/10/09	18:09	06:20	Initial cal 10
VG5644-ICV5644	G117809.D	02/10/09	18:44	06:55	Initial cal verification 50

Raw Data: G118123.D

Instrument Performance Check (BFB)

Job Number: JA11802
Account: CARICH C. A. Rich Consultants
Project: Via Verde, 700-730 Brook Avenue, Bronx, NY

Sample:	VG5659-BFB	Injection Date:	02/20/09
Lab File ID:	G118123.D	Injection Time:	09:26
Instrument ID:	GCMSG		

m/e	Ion Abundance Criteria	Raw Abundance	% Relative Abundance		Pass/Fail
50	15.0 - 40.0% of mass 95	6950	26.2		Pass
75	30.0 - 60.0% of mass 95	15686	59.1		Pass
95	Base peak, 100% relative abundance	26554	100.0		Pass
96	5.0 - 9.0% of mass 95	2035	7.7		Pass
173	Less than 2.0% of mass 174	0	0.0	(0.0) [a]	Pass
174	50.0 - 120.0% of mass 95	17751	66.8		Pass
175	5.0 - 9.0% of mass 174	1466	5.5	(8.3) [a]	Pass
176	95.0 - 101.0% of mass 174	17544	66.1	(98.8) [a]	Pass
177	5.0 - 9.0% of mass 176	1275	4.8	(7.3) [b]	Pass

(a) Value is % of mass 174
(b) Value is % of mass 176

This check applies to the following Samples, MS, MSD, Blanks, and Standards:

Lab Sample ID	Lab File ID	Date Analyzed	Time Analyzed	Hours Lapsed	Client Sample ID
VG5659-CC5644	G118124.D	02/20/09	10:08	00:42	Continuing cal 50
VG5659-MB1	G118126.D	02/20/09	11:28	02:02	Method Blank
ZZZZZZ	G118127.D	02/20/09	12:06	02:40	(unrelated sample)
VG5659-BS	G118128.D	02/20/09	12:43	03:17	Blank Spike
ZZZZZZ	G118129.D	02/20/09	13:19	03:53	(unrelated sample)
JA12475-2	G118130.D	02/20/09	13:55	04:29	(used for QC only; not part of job JA11802)
ZZZZZZ	G118131.D	02/20/09	14:34	05:08	(unrelated sample)
ZZZZZZ	G118132.D	02/20/09	15:10	05:44	(unrelated sample)
ZZZZZZ	G118133.D	02/20/09	15:48	06:22	(unrelated sample)
ZZZZZZ	G118134.D	02/20/09	16:24	06:58	(unrelated sample)
JA11802-6	G118135.D	02/20/09	17:05	07:39	MW-4 (4 FT)
JA11802-7	G118136.D	02/20/09	17:41	08:15	MW-X (4 FT)
JA12475-2MS	G118137.D	02/20/09	18:17	08:51	Matrix Spike
JA12475-2MSD	G118138.D	02/20/09	18:53	09:27	Matrix Spike Duplicate
ZZZZZZ	G118140.D	02/20/09	20:06	10:40	(unrelated sample)
ZZZZZZ	G118141.D	02/20/09	20:43	11:17	(unrelated sample)
ZZZZZZ	G118142.D	02/20/09	21:19	11:53	(unrelated sample)

Instrument Performance Check (BFB)

Job Number: JA11802
Account: CARICH C. A. Rich Consultants
Project: Via Verde, 700-730 Brook Avenue, Bronx, NY

Sample:	VY3534-BFB	Injection Date:	02/17/09
Lab File ID:	Y85012.D	Injection Time:	10:38
Instrument ID:	GCMSY		

m/e	Ion Abundance Criteria	Raw Abundance	% Relative Abundance		Pass/Fail
50	15.0 - 40.0% of mass 95	8220	18.9		Pass
75	30.0 - 60.0% of mass 95	21192	48.8		Pass
95	Base peak, 100% relative abundance	43402	100.0		Pass
96	5.0 - 9.0% of mass 95	2944	6.8		Pass
173	Less than 2.0% of mass 174	0	0.0	(0.0) [a]	Pass
174	50.0 - 120.0% of mass 95	38842	89.5		Pass
175	5.0 - 9.0% of mass 174	2885	6.6	(7.4) [a]	Pass
176	95.0 - 101.0% of mass 174	37544	86.5	(96.7) [a]	Pass
177	5.0 - 9.0% of mass 176	2462	5.7	(6.6) [b]	Pass

(a) Value is % of mass 174
(b) Value is % of mass 176

This check applies to the following Samples, MS, MSD, Blanks, and Standards:

Lab Sample ID	Lab File ID	Date Analyzed	Time Analyzed	Hours Lapsed	Client Sample ID
VY3534-IC3534	Y85013.D	02/17/09	11:10	00:32	Initial cal 0.5
VY3534-IC3534	Y85015.D	02/17/09	12:11	01:33	Initial cal 5
VY3534-IC3534	Y85016.D	02/17/09	12:42	02:04	Initial cal 10
VY3534-IC3534	Y85017.D	02/17/09	13:12	02:34	Initial cal 20
VY3534-ICC3534	Y85018.D	02/17/09	13:42	03:04	Initial cal 50
VY3534-IC3534	Y85019.D	02/17/09	14:12	03:34	Initial cal 100
VY3534-IC3534	Y85020.D	02/17/09	14:42	04:04	Initial cal 200
VY3534-IC3534	Y85024.D	02/17/09	16:20	05:42	Initial cal 1
VY3535-BS	Y85032.D	02/17/09	20:51	10:13	Blank Spike
ZZZZZZ	Y85045.D	02/18/09	03:26	16:48	(unrelated sample)
ZZZZZZ	Y85049.D	02/18/09	05:27	18:49	(unrelated sample)
ZZZZZZ	Y85050.D	02/18/09	05:58	19:20	(unrelated sample)

Raw Data: Y85117.D

Instrument Performance Check (BFB)

Job Number: JA11802
Account: CARICH C. A. Rich Consultants
Project: Via Verde, 700-730 Brook Avenue, Bronx, NY

Sample:	VY3539-BFB	Injection Date:	02/19/09
Lab File ID:	Y85117.D	Injection Time:	20:23
Instrument ID:	GCMSY		

m/e	Ion Abundance Criteria	Raw Abundance	% Relative Abundance		Pass/Fail
50	15.0 - 40.0% of mass 95	5482	21.7		Pass
75	30.0 - 60.0% of mass 95	13366	53.0		Pass
95	Base peak, 100% relative abundance	25208	100.0		Pass
96	5.0 - 9.0% of mass 95	1663	6.6		Pass
173	Less than 2.0% of mass 174	0	0.0	(0.0) [a]	Pass
174	50.0 - 120.0% of mass 95	20986	83.3		Pass
175	5.0 - 9.0% of mass 174	1559	6.2	(7.4) [a]	Pass
176	95.0 - 101.0% of mass 174	20173	80.0	(96.1) [a]	Pass
177	5.0 - 9.0% of mass 176	1349	5.4	(6.7) [b]	Pass

(a) Value is % of mass 174
(b) Value is % of mass 176

This check applies to the following Samples, MS, MSD, Blanks, and Standards:

Lab Sample ID	Lab File ID	Date Analyzed	Time Analyzed	Hours Lapsed	Client Sample ID
VY3539-CC3534	Y85118.D	02/19/09	20:53	00:30	Continuing cal 50
VY3539-MB1	Y85120.D	02/19/09	22:25	02:02	Method Blank
VY3539-BS	Y85121.D	02/19/09	22:55	02:32	Blank Spike
JA11802-1MS	Y85122.D	02/19/09	23:26	03:03	Matrix Spike
JA11802-1MSD	Y85123.D	02/19/09	23:56	03:33	Matrix Spike Duplicate
JA11802-1	Y85125.D	02/20/09	00:56	04:33	MW-5 (0-2 IN)
JA11802-2	Y85126.D	02/20/09	01:26	05:03	MW-5 (5 FT)
JA11802-3	Y85127.D	02/20/09	01:56	05:33	SB-1 (1 FT)
JA11802-4	Y85128.D	02/20/09	02:26	06:03	SB-1 (2-4 FT)
JA11802-5	Y85129.D	02/20/09	02:56	06:33	MW-4 (1 FT)
ZZZZZZ	Y85132.D	02/20/09	04:27	08:04	(unrelated sample)
ZZZZZZ	Y85133.D	02/20/09	04:58	08:35	(unrelated sample)
ZZZZZZ	Y85134.D	02/20/09	05:28	09:05	(unrelated sample)
ZZZZZZ	Y85135.D	02/20/09	05:59	09:36	(unrelated sample)
ZZZZZZ	Y85136.D	02/20/09	06:29	10:06	(unrelated sample)
ZZZZZZ	Y85137.D	02/20/09	06:59	10:36	(unrelated sample)

Initial Calibration Summary

Job Number: JA11802
Account: CARICH C. A. Rich Consultants
Project: Via Verde, 700-730 Brook Avenue, Bronx, NY

Sample: V3B1965-ICC1965
Lab FileID: 3B42620.D

Response Factor Report MS3B

Method : C:\MSDCHEM\1\METHODS\M3B1965.M (RTE Integrator)
Title : SW-846 Method 8260B
Last Update : Thu Feb 05 10:19:26 2009
Response via : Initial Calibration

Calibration Files
1 =3b42617.D 2 =3b42616.D 100 =3b42621.D 50 =3b42620.D
20 =3b42619.D 200 =3b42622.D 5 =3b42615.D 10 =3b42614.D
0.5 =3b42618.D =

Compound	1	2	100	50	20	200	5	10	0.5	Avg	%RSD
1) I Tert Butyl Alcohol-d9	ISTD										
2) ethanol										0.000#	-1.00
3) tertiary butyl alcohol	0.812	0.805	1.102	0.861	0.844	1.046	0.985	0.827		0.910	12.81
4) 1,4-dioxane	0.074	0.101	0.080	0.077	0.092	0.087	0.078			0.084	11.49
5) I pentafluorobenzene	ISTD										
6) freon 115	0.078	0.066	0.065	0.073	0.062	0.059				0.067	10.76
7) freon 23	0.064	0.096	0.079	0.085	0.086	0.083	0.088			0.083	11.97
8) freon 143a	0.055	0.084	0.070	0.075	0.078	0.078	0.071			0.073	12.40
9) freon 152a	0.189	0.226	0.295	0.244	0.261	0.267	0.269	0.263		0.252	12.75
10) chlorotrifluoroethene	0.162	0.123	0.131	0.152	0.138	0.116				0.137	12.61
11) chlorodifluoromethane	0.442	0.413	0.510	0.423	0.475	0.462	0.506	0.465	0.312	0.445	13.49
12) dichlorodifluoromethane	0.504	0.584	0.502	0.508	0.664	0.613	0.480			0.551	12.65
13) freon 114	0.190	0.272	0.221	0.239	0.230	0.238	0.238			0.233	10.55
14) freon 142b	0.347	0.428	0.516	0.455	0.511	0.442	0.507	0.505	0.382	0.455	13.42
15) chloromethane	0.563	0.632	0.688	0.492	0.493	0.561	0.657	0.561		0.581	12.45
16) vinyl chloride	0.578	0.613	0.681	0.505	0.508	0.604	0.653	0.583	0.737	0.607	12.54
17) acetaldehyde										0.000#	-1.00
18) bromomethane	0.445	0.458	0.312	0.316	0.334		0.461	0.403		0.390	17.38
----- Linear regression ----- Coefficient = 0.9994											
Response Ratio = 0.01055 + 0.30676 *A											
19) chloroethane	0.305	0.344	0.304	0.254	0.259		0.349	0.309		0.304	12.18
20) trichlorofluoromethane	0.665	0.727	0.842	0.622	0.614	0.751	0.792	0.734	0.798	0.727	10.95
21) PENTANE	0.587	0.532	0.631	0.522	0.574	0.584	0.629	0.536	0.523	0.569	7.56

Initial Calibration Summary

Job Number: JA11802
Account: CARICH C. A. Rich Consultants
Project: Via Verde, 700-730 Brook Avenue, Bronx, NY

Sample: V3B1965-ICC1965
Lab FileID: 3B42620.D

22)	ethyl ether										0.209	13.98
	0.167	0.191	0.259	0.216	0.217	0.236	0.226	0.195	0.177			
23)	freon 123										0.492	12.56
	0.393	0.462	0.574	0.471	0.515	0.525	0.550	0.525	0.411			
24)	freon 141b										0.503	14.64
	0.362	0.436	0.596	0.486	0.529	0.544	0.543	0.532				
25)	freon 123a										0.336	13.73
	0.252	0.291	0.393	0.317	0.350	0.358	0.369	0.356				
26)	acrolein										0.063	12.13
	0.052	0.058	0.073	0.066	0.058	0.073	0.066	0.059				
27)	1,1-dichloroethene										0.383	11.71
	0.398	0.382	0.394	0.340	0.353	0.369	0.393	0.334	0.484			
28)	acetone										0.155	8.89
			0.173	0.146	0.145	0.169	0.156	0.140				
29)	allyl chloride										1.242	8.62
	1.291	1.234	1.338	1.147	1.169	1.248	1.442	1.229	1.082			
30)	acetonitrile										0.041	7.11
			0.042	0.037	0.040	0.039		0.045				
31)	iodomethane										0.744	10.29
	0.637	0.710	0.875	0.725	0.734	0.837	0.795	0.693	0.692			
32)	iso-butyl alcohol										0.013	8.62
	0.011	0.012	0.015	0.012	0.012	0.013	0.014	0.013				
33)	carbon disulfide										1.293	6.51
	1.211	1.262	1.436	1.216	1.255	1.358	1.365	1.195	1.340			
34)	methylene chloride										0.441	8.98
			0.489	0.475	0.398	0.409	0.448	0.472	0.395			
35)	methyl acetate										0.314	13.21
			0.243	0.340	0.289	0.296	0.316	0.364	0.347			
36)	methyl tert butyl ether										1.318	7.61
	1.200	1.236	1.502	1.278	1.282	1.388	1.395	1.217	1.362			
37)	trans-1,2-dichloroethene										0.402	8.72
	0.434	0.415	0.421	0.360	0.374	0.394	0.433	0.347	0.443			
38)	di-isopropyl ether										1.256	7.66
	1.296	1.179	1.408	1.204	1.236	1.255	1.387	1.234	1.106			
39)	2-butanone										0.046	19.10
			0.058	0.047	0.044	0.055	0.035	0.039				
	----- Linear regression ----- Coefficient = 0.9978											
	Response Ratio = -0.00400 + 0.05669 *A											
40)	1,1-dichloroethane										0.667	6.97
	0.615	0.631	0.750	0.646	0.668	0.684	0.731	0.647	0.634			
41)	chloroprene										0.545	9.20
	0.504	0.469	0.627	0.521	0.542	0.574	0.590	0.536				
42)	acrylonitrile										0.146	12.31
	0.115	0.135	0.173	0.149	0.147	0.159	0.156	0.132				
43)	vinyl acetate										0.071	19.86
			0.090	0.071	0.066	0.085	0.056	0.057				
	----- Linear regression ----- Coefficient = 0.9944											
	Response Ratio = -0.00470 + 0.08583 *A											
44)	ethyl tert-butyl ether										1.325	8.67
	1.346	1.231	1.509	1.267	1.281	1.393	1.467	1.284	1.150			
45)	ethyl acetate										0.053	10.77
			0.061	0.051	0.056	0.056	0.052	0.045				
46)	2,2-dichloropropane										0.652	7.07
	0.609	0.623	0.698	0.607	0.629	0.636	0.692	0.634	0.738			
47)	cis-1,2-dichloroethene										0.440	6.36
	0.433	0.436	0.488	0.410	0.425	0.449	0.474	0.401	0.447			
48)	propionitrile										0.060	11.95
			0.049	0.070	0.059	0.057	0.067	0.060	0.057			

5.7 5

Initial Calibration Summary

Job Number: JA11802
Account: CARICH C. A. Rich Consultants
Project: Via Verde, 700-730 Brook Avenue, Bronx, NY

Sample: V3B1965-ICC1965
Lab FileID: 3B42620.D

49)	methylacrylate										0.440	11.18
		0.515	0.430	0.416	0.487	0.398	0.397						
50)	bromochloromethane										0.212	13.44
		0.179	0.194	0.260	0.214	0.212	0.243	0.228	0.199	0.176			
51)	tetrahydrofuran										0.148	7.66
		0.163	0.143	0.160	0.139	0.137	0.148	0.162	0.146	0.132			
52)	chloroform										0.681	5.59
		0.650	0.663	0.754	0.643	0.666	0.690	0.725	0.648	0.694			
53)	t-butyl formate										0.386	14.11
		0.380	0.359	0.453	0.389	0.389	0.419	0.434	0.384	0.263			
54)	dibromofluoromethane (s)										0.372	12.26
		0.370	0.352	0.427	0.353	0.440	0.407	0.365	0.340	0.295			
55)	1,2-dichloroethane-d4 (s)										0.450	9.10
		0.460	0.446	0.473	0.403	0.524	0.432	0.486	0.437	0.392			
56)	freon 113										0.372	7.93
		0.358	0.326	0.411	0.349	0.366	0.389	0.409	0.364				
57)	methacrylonitrile										0.225	14.54
		0.183	0.274	0.227	0.218	0.262	0.214	0.198					
58)	1,1,1-trichloroethane										0.641	8.46
		0.574	0.615	0.746	0.631	0.641	0.687	0.676	0.610	0.588			
59)	Cyclohexane										0.633	6.81
		0.591	0.618	0.715	0.608	0.625	0.679	0.663	0.603	0.593			
60)	tert amyl alcohol										0.000#	-1.00
61)	iso-octane										1.456	12.53
		1.419	1.399	1.746	1.350	1.471	1.578	1.631	1.397	1.114			
62)	I 1,4-difluorobenzene	----------ISTD----------											
63)	tert-amyl ethyl ether										0.000#	-1.00
64)	epichlorohydrin										0.029	14.61
		0.024	0.024	0.035	0.028	0.028	0.034	0.032	0.030				
65)	n-butyl alcohol										0.008#	11.27
		0.007	0.010	0.008	0.007	0.009	0.008	0.008					
66)	carbon tetrachloride										0.428	5.92
		0.388	0.422	0.474	0.407	0.423	0.438	0.449	0.412	0.439			
67)	1,1-dichloropropene										0.359	6.15
		0.343	0.337	0.401	0.342	0.357	0.368	0.384	0.340	0.358			
68)	hexane										0.365	6.57
		0.371	0.333	0.406	0.346	0.352	0.372	0.387	0.350				
69)	benzene										1.018	6.01
		0.984	1.039	1.102	0.939	0.983	0.996	1.113	0.960	1.050			
70)	tert-amyl methyl ether										0.905	7.21
		0.976	0.902	0.960	0.829	0.855	0.866	1.021	0.874	0.862			
71)	heptane										0.207	7.36
		0.208	0.181	0.230	0.197	0.202	0.217	0.219	0.199				
72)	isopropyl acetate										0.977	6.75
		1.012	0.928	1.078	0.908	0.938	0.961	1.065	0.928				
73)	1,2-dichloroethane										0.337	7.76
		0.304	0.322	0.377	0.327	0.344	0.333	0.379	0.337	0.310			
74)	ethyl acrylate										0.303	13.42
		0.251	0.369	0.285	0.294	0.343	0.309	0.273					
75)	trichloroethene										0.269	7.44
		0.245	0.257	0.309	0.260	0.270	0.281	0.288	0.259	0.253			
76)	2-nitropropane										0.105	8.37
		0.092	0.094	0.117	0.102	0.109	0.105	0.114	0.106				
77)	2-chloroethyl vinyl ether										0.181	8.97
		0.164	0.163	0.200	0.175	0.179	0.174	0.208	0.185				
78)	methyl methacrylate										0.102	9.96
		0.105	0.094	0.115	0.098	0.103	0.102	0.115	0.107	0.082			

Initial Calibration Summary

Job Number: JA11802
Account: CARICH C. A. Rich Consultants
Project: Via Verde, 700-730 Brook Avenue, Bronx, NY

Sample: V3B1965-ICC1965
Lab FileID: 3B42620.D

79)	1,2-dichloropropane	0.249	0.249	0.299	0.250	0.266	0.266	0.284	0.249	0.243	0.262	7.25
80)	dibromomethane	0.146	0.158	0.206	0.171	0.173	0.190	0.189	0.163	0.144	0.171	12.09
81)	methylcyclohexane	0.522	0.471	0.578	0.494	0.521	0.540	0.572	0.525	0.346	0.508	13.65
82)	bromodichloromethane	0.344	0.335	0.440	0.366	0.370	0.402	0.386	0.357	0.344	0.371	9.02
83)	cis-1,3-dichloropropene	0.370	0.408	0.534	0.448	0.447	0.491	0.472	0.433	0.400	0.445	11.23
84)	toluene-d8 (s)	1.045	0.976	1.044	0.885	1.108	0.973	1.031	0.947	0.885	0.988	7.68
85)	4-methyl-2-pentanone	0.089	0.136	0.113	0.112	0.129	0.119	0.106			0.115	13.41
86)	toluene	0.595	0.629	0.742	0.619	0.627	0.696	0.718	0.629	0.617	0.653	7.95
87)	3-methyl-1-butanol	0.010	0.011	0.015	0.013	0.012	0.015	0.014	0.013		0.013	14.01
88)	trans-1,3-dichloropropene	0.349	0.384	0.487	0.420	0.423	0.445	0.466	0.420	0.352	0.416	11.42
89)	ethyl methacrylate	0.278	0.428	0.356	0.337	0.401	0.340	0.321			0.352	14.23
90)	1,1,2-trichloroethane	0.195	0.201	0.247	0.207	0.206	0.228	0.231	0.204	0.195	0.213	8.54
91)	2-hexanone	0.131	0.113	0.109	0.111	0.110	0.106				0.113	8.07
92)	I chlorobenzene-d5	----------	ISTD	----------								
93)	tetrachloroethene	0.220	0.252	0.311	0.255	0.258	0.291	0.287	0.248	0.256	0.264	10.28
94)	3,3-dimethyl-1-butanol	0.039	0.032	0.029	0.038	0.033	0.030				0.034	11.93
95)	1,3-dichloropropane	0.398	0.420	0.501	0.429	0.431	0.452	0.484	0.427	0.370	0.435	9.25
96)	butyl acetate	0.158	0.157	0.226	0.187	0.187	0.211	0.208	0.190		0.191	12.87
97)	dibromochloromethane	0.265	0.282	0.415	0.333	0.327	0.387	0.342	0.312		0.333	14.98
98)	1,2-dibromoethane	0.253	0.247	0.353	0.289	0.282	0.329	0.303	0.275	0.218	0.283	14.72
99)	n-butyl ether	1.014	1.113	1.426	1.107	1.202	1.278	1.360	1.133	0.924	1.173	13.75
100)	chlorobenzene	0.747	0.752	0.946	0.777	0.779	0.880	0.851	0.753	0.761	0.805	8.78
101)	1,1,1,2-tetrachloroethane	0.281	0.285	0.384	0.314	0.315	0.363	0.339	0.297	0.302	0.320	11.06
102)	ethylbenzene	1.208	1.215	1.475	1.236	1.282	1.348	1.406	1.233	1.288	1.299	7.12
103)	m,p-xylene	0.478	0.496	0.621	0.504	0.519	0.579	0.575	0.503	0.500	0.531	9.18
104)	o-xylene	0.462	0.503	0.667	0.545	0.547	0.628	0.589	0.526	0.501	0.552	11.83
105)	styrene	0.672	0.737	1.023	0.839	0.839	0.959	0.884	0.795	0.690	0.826	14.27
106)	bromoform	0.213	0.350	0.278	0.260	0.335	0.263	0.241			0.277	17.86

----- Linear regression ----- Coefficient = 0.9974
Response Ratio = -0.01988 + 0.34176 *A

5.7 5

Initial Calibration Summary

Job Number: JA11802
Account: CARICH C. A. Rich Consultants
Project: Via Verde, 700-730 Brook Avenue, Bronx, NY

Sample: V3B1965-ICC1965
Lab FileID: 3B42620.D

107)	I	1,4-dichlorobenzene-d	ISTD									
108)		isopropylbenzene	1.768	1.817	2.222	1.883	1.942	2.023	2.081	1.875	1.772	1.932	7.89
109)		4-bromofluorobenzene (s)	0.703	0.645	0.705	0.603	0.754	0.659	0.683	0.624	0.581	0.662	8.29
110)		cyclohexanone	0.016	0.015	0.021	0.019	0.018	0.019	0.019	0.018		0.018	11.10
111)		bromobenzene	0.581	0.607	0.711	0.593	0.599	0.678	0.683	0.588	0.587	0.625	8.06
112)		1,1,2,2-tetrachloroethane	0.583	0.586	0.718	0.617	0.607	0.666	0.671	0.604	0.584	0.626	7.63
113)		trans-1,4-dichloro-2-butene	0.140	0.220	0.188	0.183	0.201	0.189	0.177			0.185	13.32
114)		1,2,3-trichloropropane	0.166	0.169	0.205	0.177	0.179	0.191	0.202	0.177	0.150	0.180	9.69
115)		n-propylbenzene	2.471	2.534	2.800	2.429	2.536	2.528	2.841	2.524	2.450	2.568	5.79
116)		4-ETHYLTOLUENE										0.000#	-1.00
117)		2-chlorotoluene	1.787	1.773	1.949	1.673	1.724	1.783	1.920	1.692	1.830	1.792	5.28
118)		4-chlorotoluene	1.655	1.604	1.826	1.556	1.573	1.685	1.794	1.562	1.612	1.652	6.01
119)		1,3,5-trimethylbenzene	1.684	1.816	2.217	1.861	1.884	2.038	2.051	1.812	1.743	1.901	8.93
120)		tert-butylbenzene	1.840	1.648	2.338	1.957	1.775	2.201	1.891	1.714	1.628	1.888	12.91
121)		pentachloroethane	0.388	0.395	0.529	0.436	0.428	0.503	0.452	0.413	0.338	0.431	13.53
122)		1,2,4-trimethylbenzene	1.828	1.861	2.261	1.905	1.935	2.074	2.140	1.897	1.836	1.971	7.72
123)		sec-butylbenzene	2.396	2.531	2.998	2.537	2.595	2.753	2.788	2.495	2.542	2.626	7.07
124)		1,3-dichlorobenzene	1.187	1.209	1.428	1.198	1.189	1.340	1.351	1.172	1.248	1.258	7.32
125)		p-isopropyltoluene	2.074	2.213	2.672	2.252	2.265	2.434	2.473	2.174	2.127	2.298	8.34
126)		1,4-dichlorobenzene	1.235	1.215	1.464	1.210	1.198	1.365	1.313	1.169	1.272	1.271	7.47
127)		benzyl chloride	1.288	1.225	1.623	1.343	1.317	1.465	1.538	1.395	1.002	1.355	13.46
128)		1,2-dichlorobenzene	1.192	1.233	1.457	1.218	1.215	1.324	1.345	1.194	1.207	1.265	7.20
129)		1,4-DIETHYLBENZENE										0.000#	-1.00
130)		n-butylbenzene	1.050	1.142	1.347	1.159	1.181	1.196	1.276	1.143	1.133	1.181	7.33
131)		1,2,4,5-TETRAMETHYLBENZENE										0.000#	-1.00
132)		1,2-dibromo-3-chloropropane	0.134	0.133	0.178	0.150	0.147	0.161	0.152	0.143		0.150	9.82
133)		1,2,4-trichlorobenzene	1.097	1.101	1.311	1.115	1.166	1.165	1.231	1.110	1.088	1.154	6.49
134)		hexachlorobutadiene	0.595	0.618	0.655	0.576	0.625	0.614	0.681	0.610	0.635	0.623	5.03
135)		naphthalene	2.522	2.465	2.892	2.473	2.624	2.572	2.817	2.544	2.512	2.602	5.84
136)		1,2,3-trichlorobenzene	1.032	1.065	1.185	0.998	1.074	1.081	1.169	1.046	1.051	1.078	5.69
137)		hexachloroethane											

Initial Calibration Summary

Job Number: JA11802
Account: CARICH C. A. Rich Consultants
Project: Via Verde, 700-730 Brook Avenue, Bronx, NY

Sample: V3B1965-ICC1965
Lab FileID: 3B42620.D

```
                0.379 0.579 0.465 0.451 0.541 0.444 0.421          0.469   14.72
-------------------------------------------------------------------------------
(#) = Out of Range  ###  Number of calibration levels exceeded format  ###

          M3B1965.M          Thu Feb 05 12:23:41 2009    MS3B
```

5.7 5

Initial Calibration Verification

Job Number: JA11802
Account: CARICH C. A. Rich Consultants
Project: Via Verde, 700-730 Brook Avenue, Bronx, NY

Sample: V3B1965-ICV1965
Lab FileID: 3B42625.D

Evaluate Continuing Calibration Report

Data File : C:\MSDChem\1\DATA\3b42625.D
Acq On : 3 Feb 2009 4:31 pm
Sample : icv1965-50
Misc : MS74574,V3B1965,w,,,,1
MS Integration Params: RTEINT.P

Vial: 13
Operator: neilc1
Inst : MS3B
Multiplr: 1.00

Method : C:\MSDCHEM\1\METHODS\M3B1965.M (RTE Integrator)
Title : SW-846 Method 8260B
Last Update : Thu Feb 05 10:19:26 2009
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	107	0.00	8.32
2		ethanol		----------NA----------				
3		tertiary butyl alcohol	0.910	0.979	-7.6	122	0.00	8.46
4		1,4-dioxane	0.084	0.083	1.2	112	0.00	12.49
5	I	pentafluorobenzene	1.000	1.000	0.0	110	0.00	10.76
6		freon 115	0.067	0.064	4.5	108	0.02	3.85
7		freon 23	0.083	0.081	2.4	113	0.00	3.84
8		freon 143a	0.073	0.074	-1.4	117	0.00	3.89
9		freon 152a	0.252	0.262	-4.0	119	0.00	4.09
10		chlorotrifluoroethene	0.137	0.145	-5.8	130	0.01	4.15
11		chlorodifluoromethane	0.445	0.467	-4.9	122	0.00	4.28
12		dichlorodifluoromethane	0.551	0.446	19.1	98	0.00	4.25
13		freon 114	0.233	0.253	-8.6	126	0.01	4.57
14		freon 142b	0.455	0.505	-11.0	123	0.00	4.59
15		chloromethane	0.581	0.535	7.9	120	0.00	4.68
16		vinyl chloride	0.607	0.579	4.6	127	0.01	4.98
17		acetaldehyde		----------NA----------				
		----------	True	Calc.	% Drift	----------		
18		bromomethane	50.000	56.876	-13.8	126	0.00	5.75
		----------	AvgRF	CCRF	% Dev	----------		
19		chloroethane	0.304	0.297	2.3	129	0.01	5.97
20		trichlorofluoromethane	0.727	0.658	9.5	117	0.00	6.51
21		PENTANE	0.569	0.590	-3.7	125	0.00	6.58
22		ethyl ether	0.209	0.247	-18.2	126	0.00	6.99
23		freon 123	0.492	0.538	-9.3	126	0.00	7.16
24		freon 141b	0.503	0.548	-8.9	125	0.00	7.01
25		freon 123a	0.336	0.379	-12.8	132	0.00	7.04
26		acrolein	0.063	0.106	-68.3#	179	0.00	7.31
27		1,1-dichloroethene	0.383	0.396	-3.4	129	0.00	7.49
28		acetone	0.155	0.161	-3.9	121	0.00	7.58
29		allyl chloride	1.242	1.207	2.8	116	0.00	8.11
30		acetonitrile	0.041	0.039	4.9	116	0.00	8.11
31		iodomethane	0.744	0.815	-9.5	124	0.00	7.82
32		iso-butyl alcohol	0.013	0.013	0.0	121	0.00	11.34
33		carbon disulfide	1.293	1.389	-7.4	126	0.00	7.96
34		methylene chloride	0.441	0.445	-0.9	123	0.00	8.35
35		methyl acetate	0.314	0.321	-2.2	122	0.00	8.11
36		methyl tert butyl ether	1.318	1.417	-7.5	122	0.00	8.71
37		trans-1,2-dichloroethene	0.402	0.402	0.0	123	0.00	8.76

Initial Calibration Verification

Job Number: JA11802
Account: CARICH C. A. Rich Consultants
Project: Via Verde, 700-730 Brook Avenue, Bronx, NY

Sample: V3B1965-ICV1965
Lab FileID: 3B42625.D

38	di-isopropyl ether	1.256	1.299	-3.4	119	0.00	9.37
		True	Calc.	% Drift			
39	2-butanone	50.000	50.378	-0.8	125	0.00	10.19
		AvgRF	CCRF	% Dev			
40	1,1-dichloroethane	0.667	0.707	-6.0	121	0.00	9.40
41	chloroprene	0.545	0.561	-2.9	119	0.00	9.51
42	acrylonitrile	0.146	0.158	-8.2	117	0.00	8.73
		True	Calc.	% Drift			
43	vinyl acetate	50.000	49.399	1.2	124	0.00	9.39
		AvgRF	CCRF	% Dev			
44	ethyl tert-butyl ether	1.325	1.374	-3.7	120	0.00	9.88
45	ethyl acetate	0.053	0.055	-3.8	120	0.00	10.19
46	2,2-dichloropropane	0.652	0.632	3.1	115	0.00	10.21
47	cis-1,2-dichloroethene	0.440	0.454	-3.2	122	0.00	10.21
48	propionitrile	0.060	0.064	-6.7	119	0.00	10.30
49	methylacrylate	0.440	0.470	-6.8	121	0.00	10.29
50	bromochloromethane	0.212	0.246	-16.0	127	0.00	10.55
51	tetrahydrofuran	0.148	0.152	-2.7	121	0.00	10.59
52	chloroform	0.681	0.706	-3.7	121	0.00	10.61
53	t-butyl formate	0.386	0.420	-8.8	119	0.00	10.64
54 S	dibromofluoromethane (s)	0.372	0.394	-5.9	123	0.00	10.83
55 S	1,2-dichloroethane-d4 (s)	0.450	0.439	2.4	120	0.00	11.27
56	freon 113	0.372	0.383	-3.0	121	0.00	7.46
57	methacrylonitrile	0.225	0.246	-9.3	120	0.00	10.49
58	1,1,1-trichloroethane	0.641	0.679	-5.9	119	0.00	10.87
59	Cyclohexane	0.633	0.602	4.9	109	0.00	10.94
60	tert amyl alcohol		----------NA----------				
61	iso-octane	1.456	1.499	-3.0	123	0.00	11.32
62 I	1,4-difluorobenzene	1.000	1.000	0.0	111	0.00	11.73
63	tert-amyl ethyl ether		----------NA----------				
64	epichlorohydrin	0.029	0.032	-10.3	123	0.00	13.06
65	n-butyl alcohol	0.008	0.009#	-12.5	119	0.00	11.88
66	carbon tetrachloride	0.428	0.439	-2.6	119	0.00	11.08
67	1,1-dichloropropene	0.359	0.371	-3.3	120	0.00	11.06
68	hexane	0.365	0.381	-4.4	122	0.00	9.08
69	benzene	1.018	1.047	-2.8	124	0.00	11.33
70	tert-amyl methyl ether	0.905	0.908	-0.3	121	0.00	11.36
71	heptane	0.207	0.225	-8.7	126	0.00	11.50
72	isopropyl acetate	0.977	0.962	1.5	117	0.00	11.25
73	1,2-dichloroethane	0.337	0.361	-7.1	122	0.00	11.36
74	ethyl acrylate	0.303	0.346	-14.2	134	0.00	12.09
75	trichloroethene	0.269	0.291	-8.2	124	0.00	12.09
76	2-nitropropane	0.105	0.111	-5.7	120	0.00	12.91
77	2-chloroethyl vinyl ether	0.181	0.192	-6.1	121	0.00	12.91
78	methyl methacrylate	0.102	0.106	-3.9	119	0.00	12.30
79	1,2-dichloropropane	0.262	0.280	-6.9	124	0.00	12.36
80	dibromomethane	0.171	0.193	-12.9	125	0.00	12.54
81	methylcyclohexane	0.508	0.539	-6.1	121	0.00	12.30
82	bromodichloromethane	0.371	0.390	-5.1	118	0.00	12.67
83	cis-1,3-dichloropropene	0.445	0.496	-11.5	123	0.00	13.15
84 S	toluene-d8 (s)	0.988	1.000	-1.2	125	0.00	13.45
85	4-methyl-2-pentanone	0.115	0.128	-11.3	125	0.00	13.25
86	toluene	0.653	0.687	-5.2	123	0.00	13.53
87	3-methyl-1-butanol	0.013	0.014	-7.7	120	0.00	13.28
88	trans-1,3-dichloropropene	0.416	0.456	-9.6	120	0.00	13.75

Initial Calibration Verification

Job Number: JA11802
Account: CARICH C. A. Rich Consultants
Project: Via Verde, 700-730 Brook Avenue, Bronx, NY

Sample: V3B1965-ICV1965
Lab FileID: 3B42625.D

89	ethyl methacrylate	0.352	0.360	-2.3	112	0.00	13.72
90	1,1,2-trichloroethane	0.213	0.228	-7.0	122	0.00	13.98
91	2-hexanone	0.113	0.123	-8.8	120	0.00	14.15
92 I	chlorobenzene-d5	1.000	1.000	0.0	108	0.00	15.08
93	tetrachloroethene	0.264	0.297	-12.5	126	0.00	14.15
94	3,3-dimethyl-1-butanol	0.034	0.035	-2.9	120	0.00	14.34
95	1,3-dichloropropane	0.435	0.484	-11.3	122	0.00	14.17
96	butyl acetate	0.191	0.210	-9.9	121	0.00	14.22
97	dibromochloromethane	0.333	0.381	-14.4	123	0.00	14.46
98	1,2-dibromoethane	0.283	0.336	-18.7	125	0.00	14.62
99	n-butyl ether	1.173	1.344	-14.6	131	0.00	14.98
100	chlorobenzene	0.805	0.878	-9.1	122	0.00	15.11
101	1,1,1,2-tetrachloroethane	0.320	0.360	-12.5	124	0.00	15.17
102	ethylbenzene	1.299	1.401	-7.9	122	0.00	15.16
103	m,p-xylene	0.531	0.575	-8.3	123	0.00	15.27
104	o-xylene	0.552	0.611	-10.7	121	0.00	15.72
105	styrene	0.826	0.948	-14.8	122	0.00	15.74
	----------	True	Calc.	% Drift	----------		
106	bromoform	50.000	50.336	-0.7	126	0.00	16.04
	----------	AvgRF	CCRF	% Dev	----------		
107 I	1,4-dichlorobenzene-d4	1.000	1.000	0.0	109	0.00	17.57
108	isopropylbenzene	1.932	2.416	-25.1#	139	0.00	16.08
109 S	4-bromofluorobenzene (s)	0.662	0.674	-1.8	121	0.00	16.32
110	cyclohexanone	0.018	0.019	-5.6	112	0.00	16.29
111	bromobenzene	0.625	0.676	-8.2	124	0.00	16.53
112	1,1,2,2-tetrachloroethane	0.626	0.700	-11.8	123	0.00	16.43
113	trans-1,4-dichloro-2-bute	0.185	0.194	-4.9	112	0.00	16.46
114	1,2,3-trichloropropane	0.180	0.181	-0.6	111	0.00	16.51
115	n-propylbenzene	2.568	2.689	-4.7	120	0.00	16.52
116	4-ETHYLTOLUENE		----------NA----------				
117	2-chlorotoluene	1.792	1.825	-1.8	118	0.00	16.69
118	4-chlorotoluene	1.652	1.701	-3.0	119	0.00	16.79
119	1,3,5-trimethylbenzene	1.901	2.078	-9.3	121	0.00	16.67
120	tert-butylbenzene	1.888	2.153	-14.0	120	0.00	17.06
121	pentachloroethane	0.431	0.486	-12.8	121	0.00	17.16
122	1,2,4-trimethylbenzene	1.971	2.117	-7.4	121	0.00	17.10
123	sec-butylbenzene	2.626	2.806	-6.9	120	0.00	17.29
124	1,3-dichlorobenzene	1.258	1.321	-5.0	120	0.00	17.51
125	p-isopropyltoluene	2.298	2.415	-5.1	117	0.00	17.41
126	1,4-dichlorobenzene	1.271	1.355	-6.6	122	0.00	17.60
127	benzyl chloride	1.355	1.549	-14.3	125	0.00	17.72
128	1,2-dichlorobenzene	1.265	1.361	-7.6	121	0.00	18.03
129	1,4-DIETHYLBENZENE		----------NA----------				
130	n-butylbenzene	1.181	1.249	-5.8	117	0.00	17.86
131	1,2,4,5-TETRAMETHYLBENZEN		----------NA----------				
132	1,2-dibromo-3-chloropropa	0.150	0.167	-11.3	121	0.00	18.89
133	1,2,4-trichlorobenzene	1.154	1.273	-10.3	124	0.00	19.78
134	hexachlorobutadiene	0.623	0.659	-5.8	124	0.00	19.88
135	naphthalene	2.602	2.798	-7.5	123	0.00	20.10
136	1,2,3-trichlorobenzene	1.078	1.134	-5.2	123	0.00	20.37
137	hexachloroethane	0.469	0.503	-7.2	117	0.00	18.32

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

3b42620.D M3B1965.M Thu Feb 05 12:24:56 2009 MS3B

Continuing Calibration Summary

Job Number: JA11802
Account: CARICH C. A. Rich Consultants
Project: Via Verde, 700-730 Brook Avenue, Bronx, NY

Sample: V3B1993-CC1965
Lab FileID: 3B43205.D

Evaluate Continuing Calibration Report

Data File : C:\MSDChem\1\DATA\3b43205.D
Acq On : 20 Feb 2009 9:12 am
Sample : cc1965-20
Misc : MS76284,V3B1993,w,,,,1
MS Integration Params: RTEINT.P

Vial: 3
Operator: neilc1
Inst : MS3B
Multiplr: 1.00

Method : C:\MSDCHEM\1\METHODS\M3B1965.M (RTE Integrator)
Title : SW-846 Method 8260B
Last Update : Thu Feb 05 10:19:26 2009
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	117	0.00	8.31
2	ethanol		----------NA----------				
3	tertiary butyl alcohol	0.910	1.686	-85.3#	235#	0.00	8.45
4	1,4-dioxane	0.084	0.083	1.2	127	0.00	12.49
5 I	pentafluorobenzene	1.000	1.000	0.0	110	0.00	10.76
6	freon 115		----------NA----------				
7	freon 23		----------NA----------				
8	freon 143a		----------NA----------				
9	freon 152a		----------NA----------				
10	chlorotrifluoroethene		----------NA----------				
11	chlorodifluoromethane	0.445	0.481	-8.1	111	0.00	4.26
12	dichlorodifluoromethane	0.551	0.592	-7.4	128	0.00	4.24
13	freon 114		----------NA----------				
14	freon 142b		----------NA----------				
15	chloromethane	0.581	0.578	0.5	128	0.00	4.66
16	vinyl chloride	0.607	0.582	4.1	126	0.00	4.96
17	acetaldehyde		----------NA----------				
	----------	True	Calc.	% Drift	----------		
18	bromomethane	20.000	23.859	-19.3	129	0.00	5.75
	----------	AvgRF	CCRF	% Dev	----------		
19	chloroethane	0.304	0.311	-2.3	131	0.01	5.97
20	trichlorofluoromethane	0.727	0.725	0.3	129	0.00	6.51
21	PENTANE		----------NA----------				
22	ethyl ether	0.209	0.231	-10.5	117	0.00	6.99
23	freon 123		----------NA----------				
24	freon 141b		----------NA----------				
25	freon 123a		----------NA----------				
26	acrolein	0.063	0.053	15.9	100	0.01	7.32
27	1,1-dichloroethene	0.383	0.342	10.7	106	0.00	7.49
28	acetone	0.155	0.216	-39.4#	163	0.03	7.60
29	allyl chloride	1.242	1.266	-1.9	119	0.00	8.12
30	acetonitrile	0.041	0.045	-9.8	122	0.01	8.11
31	iodomethane	0.744	0.790	-6.2	118	0.00	7.82
32	iso-butyl alcohol	0.013	0.013	0.0	114	0.00	11.34
33	carbon disulfide	1.293	1.343	-3.9	117	0.01	7.97
34	methylene chloride	0.441	0.413	6.3	111	0.00	8.34
35	methyl acetate	0.314	0.331	-5.4	123	0.02	8.12
36	methyl tert butyl ether	1.318	1.356	-2.9	116	0.00	8.70
37	trans-1,2-dichloroethene	0.402	0.375	6.7	110	0.00	8.76

Continuing Calibration Summary

Job Number: JA11802
Account: CARICH C. A. Rich Consultants
Project: Via Verde, 700-730 Brook Avenue, Bronx, NY

Sample: V3B1993-CC1965
Lab FileID: 3B43205.D

38		di-isopropyl ether	1.256	1.249	0.6	111	0.00	9.37
			True	Calc.	% Drift			
39		2-butanone	20.000	24.709	-23.5#	151	0.02	10.20
			AvgRF	CCRF	% Dev			
40		1,1-dichloroethane	0.667	0.696	-4.3	114	0.00	9.40
41		chloroprene	0.545	0.539	1.1	109	0.00	9.51
42		acrylonitrile	0.146	0.165	-13.0	122	0.00	8.73
			True	Calc.	% Drift			
43		vinyl acetate	20.000	17.873	10.6	109	0.01	9.40
			AvgRF	CCRF	% Dev			
44		ethyl tert-butyl ether	1.325	1.290	2.6	110	0.00	9.87
45		ethyl acetate	0.053	0.062	-17.0	122	0.00	10.20
46		2,2-dichloropropane	0.652	0.698	-7.1	122	0.00	10.20
47		cis-1,2-dichloroethene	0.440	0.424	3.6	109	0.00	10.21
48		propionitrile	0.060	0.067	-11.7	128	0.00	10.30
49		methylacrylate	0.440	0.456	-3.6	120	0.00	10.29
50		bromochloromethane	0.212	0.222	-4.7	115	0.00	10.55
51		tetrahydrofuran	0.148	0.159	-7.4	126	0.00	10.60
52		chloroform	0.681	0.685	-0.6	113	0.00	10.61
53		t-butyl formate	0.386	0.416	-7.8	117	0.00	10.64
54	S	dibromofluoromethane (s)	0.372	0.430	-15.6	107	0.00	10.82
55	S	1,2-dichloroethane-d4 (s)	0.450	0.520	-15.6	109	0.00	11.27
56		freon 113	0.372	0.360	3.2	108	0.00	7.45
57		methacrylonitrile	0.225	0.239	-6.2	120	0.00	10.49
58		1,1,1-trichloroethane	0.641	0.663	-3.4	113	0.00	10.87
59		Cyclohexane	0.633	0.616	2.7	108	0.00	10.94
60		tert amyl alcohol		----------NA----------				
61		iso-octane		----------NA----------				
62	I	1,4-difluorobenzene	1.000	1.000	0.0	108	0.00	11.73
63		tert-amyl ethyl ether		----------NA----------				
64		epichlorohydrin	0.029	0.034	-17.2	128	0.00	13.06
65		n-butyl alcohol	0.008	0.009#	-12.5	133	0.00	11.88
66		carbon tetrachloride	0.428	0.450	-5.1	115	0.00	11.08
67		1,1-dichloropropene	0.359	0.367	-2.2	111	0.00	11.06
68		hexane	0.365	0.357	2.2	109	0.00	9.09
69		benzene	1.018	1.013	0.5	111	0.00	11.33
70		tert-amyl methyl ether	0.905	0.880	2.8	111	0.00	11.36
71		heptane	0.207	0.204	1.4	109	0.00	11.50
72		isopropyl acetate	0.977	0.503	48.5#	58	0.00	11.26
73		1,2-dichloroethane	0.337	0.370	-9.8	116	0.00	11.36
74		ethyl acrylate		----------NA----------				
75		trichloroethene	0.269	0.275	-2.2	110	0.00	12.09
76		2-nitropropane	0.105	0.120	-14.3	119	0.00	12.91
77		2-chloroethyl vinyl ether	0.181	0.176	2.8	106	0.00	12.91
78		methyl methacrylate	0.102	0.103	-1.0	108	0.00	12.30
79		1,2-dichloropropane	0.262	0.269	-2.7	109	0.00	12.36
80		dibromomethane	0.171	0.183	-7.0	114	0.00	12.54
81		methylcyclohexane	0.508	0.504	0.8	104	0.00	12.30
82		bromodichloromethane	0.371	0.389	-4.9	114	0.00	12.67
83		cis-1,3-dichloropropene	0.445	0.467	-4.9	113	0.00	13.15
84	S	toluene-d8 (s)	0.988	1.091	-10.4	106	0.00	13.45
85		4-methyl-2-pentanone	0.115	0.127	-10.4	123	0.00	13.25
86		toluene	0.653	0.634	2.9	109	0.00	13.53
87		3-methyl-1-butanol	0.013	0.015	-15.4	134	0.00	13.28
88		trans-1,3-dichloropropene	0.416	0.440	-5.8	112	0.00	13.75

5.7

5

Continuing Calibration Summary

Job Number: JA11802
Account: CARICH C. A. Rich Consultants
Project: Via Verde, 700-730 Brook Avenue, Bronx, NY

Sample: V3B1993-CC1965
Lab FileID: 3B43205.D

89	ethyl methacrylate	0.352	0.365	-3.7	117	0.00	13.72
90	1,1,2-trichloroethane	0.213	0.216	-1.4	113	0.00	13.98
91	2-hexanone	0.113	0.130	-15.0	129	0.00	14.16
92 I	chlorobenzene-d5	1.000	1.000	0.0	107	0.00	15.07
93	tetrachloroethene	0.264	0.268	-1.5	111	0.00	14.15
94	3,3-dimethyl-1-butanol	0.034	0.037	-8.8	136	0.00	14.34
95	1,3-dichloropropane	0.435	0.452	-3.9	112	0.00	14.17
96	butyl acetate	0.191	0.199	-4.2	114	0.00	14.23
97	dibromochloromethane	0.333	0.347	-4.2	114	0.00	14.46
98	1,2-dibromoethane	0.283	0.299	-5.7	113	0.00	14.62
99	n-butyl ether		----------NA----------				
100	chlorobenzene	0.805	0.801	0.5	110	0.00	15.11
101	1,1,1,2-tetrachloroethane	0.320	0.328	-2.5	112	0.00	15.17
102	ethylbenzene	1.299	1.298	0.1	109	0.00	15.16
103	m,p-xylene	0.531	0.520	2.1	107	0.00	15.27
104	o-xylene	0.552	0.565	-2.4	111	0.00	15.72
105	styrene	0.826	0.855	-3.5	109	0.00	15.74
	----------	True	Calc.	% Drift	----------		
106	bromoform	20.000	18.825	5.9	112	0.00	16.04
	----------	AvgRF	CCRF	% Dev	----------		
107 I	1,4-dichlorobenzene-d4	1.000	1.000	0.0	104	0.00	17.57
108	isopropylbenzene	1.932	2.052	-6.2	110	0.00	16.08
109 S	4-bromofluorobenzene (s)	0.662	0.730	-10.3	101	0.00	16.31
110	cyclohexanone	0.018	0.120	-566.7#	699#	0.00	16.29
111	bromobenzene	0.625	0.619	1.0	108	0.00	16.53
112	1,1,2,2-tetrachloroethane	0.626	0.654	-4.5	113	0.00	16.42
113	trans-1,4-dichloro-2-bute	0.185	0.186	-0.5	106	0.00	16.47
114	1,2,3-trichloropropane	0.180	0.198	-10.0	115	0.00	16.51
115	n-propylbenzene	2.568	2.667	-3.9	110	0.00	16.52
116	4-ETHYLTOLUENE		----------NA----------				
117	2-chlorotoluene	1.792	1.812	-1.1	110	0.00	16.69
118	4-chlorotoluene	1.652	1.656	-0.2	110	0.00	16.79
119	1,3,5-trimethylbenzene	1.901	1.980	-4.2	110	0.00	16.67
120	tert-butylbenzene	1.888	2.088	-10.6	123	0.00	17.05
121	pentachloroethane	0.431	0.460	-6.7	112	0.00	17.16
122	1,2,4-trimethylbenzene	1.971	2.053	-4.2	111	0.00	17.10
123	sec-butylbenzene	2.626	2.739	-4.3	110	0.00	17.28
124	1,3-dichlorobenzene	1.258	1.240	1.4	109	0.00	17.51
125	p-isopropyltoluene	2.298	2.377	-3.4	110	0.00	17.41
126	1,4-dichlorobenzene	1.271	1.233	3.0	108	0.00	17.60
127	benzyl chloride	1.355	1.579	-16.5	125	0.00	17.73
128	1,2-dichlorobenzene	1.265	1.287	-1.7	111	0.00	18.03
129	1,4-DIETHYLBENZENE		----------NA----------				
130	n-butylbenzene	1.181	1.243	-5.2	110	0.00	17.86
131	1,2,4,5-TETRAMETHYLBENZEN		----------NA----------				
132	1,2-dibromo-3-chloropropa	0.150	0.169	-12.7	120	0.00	18.89
133	1,2,4-trichlorobenzene	1.154	1.257	-8.9	113	0.00	19.78
134	hexachlorobutadiene	0.623	0.656	-5.3	110	0.00	19.89
135	naphthalene	2.602	2.850	-9.5	114	0.00	20.10
136	1,2,3-trichlorobenzene	1.078	1.161	-7.7	113	0.00	20.37
137	hexachloroethane	0.469	0.487	-3.8	113	0.00	18.32

(#) = Out of Range SPCC's out = 0 CCC's out = 0
3b42619.D M3B1965.M Tue Feb 24 12:33:34 2009 MS3B

5.7 5

Initial Calibration Summary

Job Number: JA11802
Account: CARICH C. A. Rich Consultants
Project: Via Verde, 700-730 Brook Avenue, Bronx, NY

Sample: VG5644-ICC5644
Lab FileID: G117804.D

Response Factor Report GC/MS Ins

Method : C:\HPCHEM\1\METHODS\MG5644.M (RTE Integrator)
Title : SW-846 Method 8260B
Last Update : Wed Feb 11 14:32:47 2009
Response via : Initial Calibration

Calibration Files
1 =G117800.D 5 =G117801.D 10 =G117808.D 50 =G117804.D
100 =G117805.D 200 =G117806.D 20 =G117803.D 0.5 =G117799.D

Compound	1	5	10	50	100	200	20	0.5	Avg	%RSD
1) I Tert Butyl Alcohol-d9	ISTD									
2) tertiary but		0.946	1.068	1.153	1.021	1.057	1.103		1.058	6.70
3) acetonitrile		0.602	0.721	0.607	0.593	0.638	0.718		0.647	9.08
4) 1,4-dioxane			0.051	0.069	0.069	0.076	0.056		0.064	15.97
----- Linear regression ----- Coefficient = 0.9983										
Response Ratio = -0.02227 + 0.07727 *A										
5) I pentafluorobenzene	ISTD									
6) chlorodifluo		0.485	0.491	0.535	0.517	0.509	0.473		0.502	4.54
7) dichlorodifl		0.659	0.671	0.696	0.670	0.674	0.661		0.672	2.00
8) chloromethan		0.271	0.282	0.280	0.259	0.256	0.283		0.272	4.32
9) vinyl chlori		0.267	0.308	0.304	0.291	0.289	0.285		0.291	5.01
10) bromomethane		0.312	0.349	0.342	0.330	0.333	0.335		0.333	3.78
11) chloroethane		0.209	0.238	0.237	0.227	0.229	0.229		0.228	4.57
12) trichloroflu	0.781	1.001	1.001	1.020	0.968	0.935	0.991		0.957	8.59
13) ethyl ether		0.140	0.160	0.173	0.171	0.162	0.166		0.162	7.31
14) acrolein		0.016	0.021	0.025	0.025	0.022	0.022		0.022	15.22
----- Linear regression ----- Coefficient = 0.9966										
Response Ratio = 0.00563 + 0.02276 *A										
15) freon 113		0.752	0.787	0.791	0.753	0.704	0.738		0.754	4.24
16) acetone			0.077	0.055	0.057	0.053	0.081		0.065	20.73
----- Linear regression ----- Coefficient = 0.9977										
Response Ratio = 0.00789 + 0.05111 *A										
17) 1,1-dichloro		0.336	0.344	0.367	0.347	0.336	0.332		0.344	3.68
18) iodomethane	0.684	0.820	0.850	0.884	0.834	0.822	0.824		0.817	7.67
19) methyl aceta			0.124	0.141	0.121	0.118	0.133		0.127	7.38
20) allyl chlori		0.169	0.175	0.179	0.174	0.172	0.168		0.173	2.51
21) methylene ch		0.382	0.400	0.363	0.348	0.343	0.357		0.366	5.96
22) carbon disul	0.717	0.933	0.909	1.011	0.913	0.909	0.899		0.899	9.85
23) acrylonitril		0.033	0.039	0.050	0.052	0.048	0.045		0.044	16.27
----- Linear regression ----- Coefficient = 0.9980										
Response Ratio = -0.00077 + 0.04871 *A										
24) methyl tert	0.957	0.933	0.967	0.990	0.955	0.913	0.970	0.846	0.941	4.79
25) trans-1,2-di	0.268	0.402	0.422	0.435	0.419	0.413	0.404		0.395	14.42
26) hexane		0.352	0.391	0.373	0.372	0.348	0.342		0.363	5.19
27) di-isopropyl	0.925	0.991	1.030	1.039	1.012	0.986	0.997	0.831	0.976	7.00
28) 1,1-dichloro	0.644	0.742	0.774	0.792	0.754	0.726	0.750		0.740	6.41
29) vinyl acetat									0.000#	-1.00
30) chloroprene		0.619	0.669	0.712	0.706	0.677	0.664		0.675	4.94
31) ethyl tert-b	1.331	1.378	1.396	1.433	1.405	1.353	1.382	1.155	1.354	6.38
32) 2-butanone			0.102	0.089	0.088	0.088	0.086		0.091	7.29
33) propionitril									0.000#	-1.00

5.7.5

Initial Calibration Summary

Job Number: JA11802
Account: CARICH C. A. Rich Consultants
Project: Via Verde, 700-730 Brook Avenue, Bronx, NY

Sample: VG5644-ICC5644
Lab FileID: G117804.D

34)	2,2-dichloro	0.672	0.867	0.823	0.857	0.824	0.792	0.821		0.808	8.05
35)	ethyl acetat		0.726	0.769	0.793	0.744	0.733	0.731		0.749	3.55
36)	cis-1,2-dich	0.338	0.400	0.447	0.446	0.439	0.434	0.416		0.417	9.28
37)	methacryloni		0.464	0.380	0.412	0.377	0.352	0.444		0.405	10.66
38)	methyl acryl									0.000#	-1.00
39)	iso-butyl al		0.018	0.017	0.015	0.016	0.014	0.014		0.016	10.59
40)	chloroform	0.865	0.946	0.923	0.941	0.889	0.866	0.900	0.787	0.890	5.81
41)	t-butyl form		0.334	0.365	0.382	0.354	0.335	0.356		0.355	5.13
42)	bromochlorom		0.194	0.219	0.227	0.226	0.228	0.210		0.217	6.14
43)	tetrahydrofu			0.054	0.069	0.067	0.053	0.063		0.061	11.99
44)	1,1,1-trichl	0.717	0.888	0.855	0.935	0.881	0.853	0.861		0.856	7.87
45)	dibromofluor		0.610	0.615	0.633	0.624	0.605	0.599		0.614	2.04
46)	1,2-dichloro		0.507	0.523	0.519	0.502	0.465	0.515		0.505	4.17
47)	I 1,4-difluorobenzene	----------ISTD----------									
48)	n-butyl alco		0.026	0.025	0.026	0.024	0.022	0.025		0.025	6.72
49)	cyclohexane		0.500	0.487	0.496	0.463	0.435	0.465		0.474	5.19
50)	1,1-dichloro	0.455	0.640	0.611	0.641	0.583	0.553	0.610		0.585	11.16
51)	isopropyl ac									0.000#	-1.00
52)	carbon tetra	0.545	0.727	0.670	0.747	0.682	0.633	0.695		0.671	9.98
53)	tert-amyl me	0.999	1.064	1.045	1.045	0.965	0.885	1.028		1.005	6.19
54)	heptane		0.323	0.335	0.365	0.347	0.317	0.349		0.339	5.28
55)	1,2-dichloro	0.450	0.539	0.526	0.544	0.483	0.447	0.530		0.503	8.34
56)	benzene	1.225	1.201	1.209	1.153	1.058	1.013	1.113	1.158	1.141	6.60
57)	trichloroeth	0.340	0.471	0.488	0.504	0.476	0.458	0.461		0.457	11.81
58)	methylcycloh		0.538	0.590	0.565	0.539	0.511	0.522		0.544	5.31
59)	1,2-dichloro	0.339	0.355	0.377	0.369	0.340	0.323	0.353		0.351	5.35
60)	propyl aceta		0.284	0.285	0.302	0.297	0.264	0.300		0.289	4.93
61)	methyl metha		0.152	0.167	0.201	0.196	0.181	0.179		0.179	10.23
62)	bromodichlor	0.601	0.701	0.732	0.818	0.775	0.733	0.754		0.731	9.32
63)	dibromometha		0.284	0.302	0.340	0.324	0.305	0.315		0.312	6.19
64)	2-nitropropa		0.810	0.822	0.940	0.900	0.816	0.871		0.860	6.16
65)	3-methyl-1-b		0.009	0.009	0.011	0.012	0.010	0.010		0.010	12.08
66)	2-chloroethy	0.109	0.137	0.141	0.175	0.162	0.157	0.158		0.148	14.66
67)	4-methyl-2-p		0.062	0.094	0.120	0.118	0.106	0.109		0.102	21.17
	----- Linear regression ----- Coefficient = 0.9959										
	Response Ratio = 0.00295 + 0.10798 *A										
68)	epichlorohyd		0.060	0.063	0.074	0.072	0.066	0.067		0.067	8.16
69)	cis-1,3-dich	0.425	0.543	0.571	0.626	0.605	0.580	0.575		0.561	11.65
70)	toluene	0.715	0.833	0.855	0.870	0.802	0.759	0.831	0.692	0.795	8.29
71)	trans-1,3-di		0.440	0.476	0.550	0.524	0.491	0.496		0.496	7.70
72)	3,3-dimethyl									0.000#	-1.00
	----- Linear regression ----- Coefficient = 0.0000										
	Response Ratio = 0.00000 + 0.00000 *A										
73)	ethyl methac		0.482	0.510	0.620	0.618	0.572	0.562		0.561	10.05
74)	1,1,2-trichl		0.229	0.257	0.273	0.263	0.238	0.263		0.254	6.58
75)	2-hexanone		0.057	0.081	0.103	0.102	0.089	0.089		0.087	19.55
	----- Linear regression ----- Coefficient = 0.9926										
	Response Ratio = 0.00378 + 0.09038 *A										
76)	toluene-d8 (		1.062	1.071	1.042	0.980	0.926	0.995		1.013	5.52
77)	I chlorobenzene-d5	----------ISTD----------									
78)	1,3-dichloro	0.606	0.611	0.617	0.730	0.680	0.651	0.672		0.652	6.94
79)	butyl acetat									0.000#	-1.00
80)	tetrachloroe	0.724	0.775	0.708	0.804	0.721	0.688	0.738		0.737	5.42
81)	dibromochlor		0.548	0.520	0.724	0.690	0.674	0.608		0.627	13.09
82)	1,2-dibromoe	0.329	0.420	0.425	0.544	0.526	0.513	0.469		0.461	16.42

5.7 5

Initial Calibration Summary

Job Number: JA11802
Account: CARICH C. A. Rich Consultants
Project: Via Verde, 700-730 Brook Avenue, Bronx, NY

Sample: VG5644-ICC5644
Lab FileID: G117804.D

	----- Linear regression ----- Coefficient = 0.9994										
	Response Ratio = -0.00408 + 0.51765 *A										
83)	chlorobenzen	1.232	1.236	1.219	1.364	1.263	1.226	1.251		1.256	3.99
84)	1,1,1,2-tetr	0.379	0.525	0.512	0.613	0.568	0.547	0.558		0.529	13.89
85)	ethylbenzene	1.983	1.929	1.821	2.041	1.929	1.793	1.893	2.001	1.924	4.47
86)	m,p-xylene	0.757	0.779	0.751	0.816	0.744	0.720	0.780	0.676	0.753	5.62
87)	o-xylene	0.657	0.737	0.718	0.849	0.771	0.756	0.751		0.748	7.74
88)	styrene	0.677	0.795	0.861	1.045	0.996	0.977	0.907		0.894	14.31
89)	bromoform		0.293	0.290	0.435	0.437	0.421	0.370		0.374	18.31
	----- Linear regression ----- Coefficient = 0.9991										
	Response Ratio = -0.01124 + 0.42782 *A										
90)	cyclohexanon		0.019	0.022	0.023	0.022	0.023	0.021		0.022	6.76
91)	I 1,4-dichlorobenzene-d	----------ISTD----------									
92)	4-bromofluor		1.550	1.586	1.520	1.385	1.330	1.474		1.474	6.73
93)	isopropylben	2.760	2.975	2.933	3.005	2.723	2.585	2.862	2.348	2.774	8.02
94)	1,1,2,2-tetr		0.880	0.898	0.992	0.919	0.861	0.929		0.913	5.04
95)	1,2,3-trichl		0.283	0.303	0.336	0.313	0.294	0.320		0.308	6.10
96)	trans-1,4-di		0.112	0.171	0.229	0.232	0.229	0.182		0.193	24.63
	----- Linear regression ----- Coefficient = 0.9996										
	Response Ratio = -0.01103 + 0.23282 *A										
97)	n-propylbenz	3.698	3.922	3.849	3.849	3.487	3.331	3.706	3.448	3.661	5.90
98)	bromobenzene	0.829	0.933	0.949	0.933	0.867	0.839	0.896		0.892	5.42
99)	1,3,5-trimet	2.590	2.877	2.851	2.752	2.493	2.384	2.740	2.494	2.648	6.91
100)	2-chlorotolu		2.391	2.439	2.329	2.068		2.478		2.341	6.93
101)	4-chlorotolu		3.619	3.198	3.128	2.843	2.783	2.951		3.087	9.90
102)	tert-butylbe	2.533	2.840	2.442	2.460	2.219	2.099	2.372	2.250	2.402	9.49
103)	1,2,4-trimet	2.528	2.797	2.762	2.702	2.444	2.285	2.703	2.481	2.588	6.96
104)	pentachloroe		0.683	0.704	0.742	0.708	0.678	0.717		0.705	3.31
105)	sec-butylben	3.535	3.778	3.702	3.669	3.371	3.246	3.477	3.307	3.511	5.55
106)	p-isopropylt	2.644	3.020	3.117	3.035	2.826	2.721	2.989	2.403	2.845	8.54
107)	1,3-dichloro	1.824	1.913	1.969	1.894	1.795	1.751	1.808		1.850	4.15
108)	1,4-dichloro	2.384	2.185	2.229	2.047	1.867	1.853	1.984		2.078	9.47
109)	benzyl chlor		0.940	0.938	1.213	1.204	1.196	1.034		1.087	12.19
110)	n-butylbenze	2.411	2.688	2.851	3.028	2.751	2.713	2.837	2.554	2.729	6.93
111)	1,2-dichloro	1.723	1.902	1.773	1.782	1.715	1.651	1.706		1.750	4.57
112)	hexachloroet		0.649	0.673	0.794	0.771	0.757	0.709		0.725	7.93
113)	1,2-dibromo-		0.148	0.199	0.265	0.246	0.237	0.234		0.222	18.88
	----- Linear regression ----- Coefficient = 0.9984										
	Response Ratio = 0.00201 + 0.23915 *A										
114)	nitrobenzene									0.000#	-1.00
115)	1,2,4-trichl		0.941	1.147	1.175	1.114	1.072	1.074		1.087	7.55
116)	hexachlorobu		0.993	1.071	0.959	0.846	0.763	0.956		0.931	11.79
117)	naphthalene		1.080	1.311	1.389	1.330	1.285	1.225		1.270	8.45
118)	1,2,3-trichl		0.897	1.109	0.951	0.899	0.855	0.957		0.944	9.42
119)	Ethylenimine									0.000#	-1.00
120)	Bis(chlorome									0.000#	-1.00

(#) = Out of Range ### Number of calibration levels exceeded format ###

MG5644.M Wed Feb 11 14:53:58 2009 RPT1

Initial Calibration Verification

Job Number: JA11802
Account: CARICH C. A. Rich Consultants
Project: Via Verde, 700-730 Brook Avenue, Bronx, NY

Sample: VG5644-ICV5644
Lab FileID: G117809.D

Evaluate Continuing Calibration Report

Data File : C:\msdchem\1\DATA\g117809.d
Acq On : 10 Feb 2009 6:44 pm
Sample : ICV5644-50
Misc : MS76123,VG5644,,,,,1
MS Integration Params: RTEINT.P

Vial: 4
Operator: SCOTTM
Inst : GC/MS Ins
Multiplr: 1.00

Method : C:\msdchem\1\METHODS\mg5644.m (RTE Integrator)
Title : SW-846 Method 8260B
Last Update : Wed Feb 11 08:27:13 2009
Response via : Multiple Level Calibration

Min. RRF : 0.000 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	86	-0.04	5.75
2 M	tertiary butyl alcohol	1.058	1.157	-9.4	86	-0.01	5.90
3 M	acetonitrile	0.647	0.404	37.6#	57	0.00	9.26
		True	Calc.	% Drift			
4 M	1,4-dioxane	1250.000	1246.391	0.3	85	-0.03	12.98
		AvgRF	CCRF	% Dev			
5 I	pentafluorobenzene	1.000	1.000	0.0	103	-0.02	9.44
6 M	chlorodifluoromethane	0.502	0.533	-6.2	103	-0.01	3.09
7 M	dichlorodifluoromethane	0.672	0.627	6.7	93	-0.01	3.12
8 M	chloromethane	0.272	0.268	1.5	99	-0.03	3.42
9 M	vinyl chloride	0.291	0.291	0.0	99	0.00	3.63
10 M	bromomethane	0.333	0.329	1.2	99	-0.01	4.27
11 M	chloroethane	0.228	0.222	2.6	96	0.00	4.39
12 M	trichlorofluoromethane	0.957	0.930	2.8	94	0.00	4.79
13 M	ethyl ether	0.162	0.171	-5.6	102	-0.02	5.21
		True	Calc.	% Drift			
14 M	acrolein	500.000	535.177	-7.0	103	-0.04	5.41
		AvgRF	CCRF	% Dev			
15 M	freon 113	0.754	0.784	-4.0	102	0.02	5.53
		True	Calc.	% Drift			
16 M	acetone	50.000	46.450	7.1	104	-0.02	5.54
		AvgRF	CCRF	% Dev			
17 M	1,1-dichloroethene	0.344	0.365	-6.1	103	-0.02	5.75
18 M	iodomethane	0.817	0.877	-7.3	102	-0.02	6.29
19 M	methyl acetate	0.127	0.123	3.1	90	-0.03	6.30
20 M	allyl chloride	0.173	0.179	-3.5	103	-0.02	6.36
21 M	methylene chloride	0.366	0.370	-1.1	105	-0.01	6.57
22 M	carbon disulfide	0.899	0.950	-5.7	97	-0.02	6.62
		True	Calc.	% Drift			
23 M	acrylonitrile	250.000	208.447	16.6	83	-0.04	6.78
		AvgRF	CCRF	% Dev			
24 M	methyl tert butyl ether	0.941	0.941	0.0	98	-0.02	6.88
25 M	trans-1,2-dichloroethene	0.395	0.439	-11.1	104	-0.03	7.09

5.7
5

Initial Calibration Verification

Job Number: JA11802
Account: CARICH C. A. Rich Consultants
Project: Via Verde, 700-730 Brook Avenue, Bronx, NY

Sample: VG5644-ICV5644
Lab FileID: G117809.D

26	M	hexane	0.363	0.369	-1.7	102	-0.03	7.21
27	M	di-isopropyl ether	0.976	1.032	-5.7	102	-0.04	7.68
28	M	1,1-dichloroethane	0.740	0.793	-7.2	103	-0.02	7.86
30	M	chloroprene	0.675	0.714	-5.8	103	0.00	8.05
31	M	ethyl tert-butyl ether	1.354	1.408	-4.0	101	-0.04	8.44
32	M	2-butanone	0.091	0.081	11.0	94	-0.04	8.61
34	M	2,2-dichloropropane	0.808	0.847	-4.8	102	-0.03	8.92
35	M	ethyl acetate	0.749	0.787	-5.1	102	-0.03	8.98
36	M	cis-1,2-dichloroethene	0.417	0.454	-8.9	105	-0.02	8.99
37	M	methacrylonitrile	0.405	0.386	4.7	97	0.00	9.28
39	M	iso-butyl alcohol	0.016	0.014	12.5	93	-0.04	9.24
40	M	chloroform	0.890	0.934	-4.9	102	-0.04	9.28
41	M	t-butyl formate	0.355	0.367	-3.4	99	-0.04	9.29
42	M	bromochloromethane	0.217	0.228	-5.1	103	-0.03	9.58
43	M	tetrahydrofuran	0.061	0.058	4.9	87	-0.03	9.69
44	M	1,1,1-trichloroethane	0.856	0.920	-7.5	101	-0.01	10.07
45	S	dibromofluoromethane (s)	0.614	0.625	-1.8	102	-0.03	9.69
46	S	1,2-dichloroethane-d4 (s)	0.505	0.498	1.4	99	-0.02	10.65
47	I	1,4-difluorobenzene	1.000	1.000	0.0	106	-0.03	11.43
48	M	n-butyl alcohol	0.025	0.025	0.0	102	-0.04	10.08
49	M	cyclohexane	0.474	0.493	-4.0	105	-0.04	10.10
50	M	1,1-dichloropropene	0.585	0.622	-6.3	102	-0.04	10.35
52	M	carbon tetrachloride	0.671	0.714	-6.4	101	-0.01	10.57
53	M	tert-amyl methyl ether	1.005	1.005	0.0	102	0.00	10.62
54	M	heptane	0.339	0.322	5.0	93	-0.05	10.68
55	M	1,2-dichloroethane	0.503	0.508	-1.0	99	-0.04	10.82
56	M	benzene	1.141	1.136	0.4	104	-0.02	10.88
57	M	trichloroethene	0.457	0.504	-10.3	106	-0.03	12.10
58	M	methylcyclohexane	0.544	0.571	-5.0	107	-0.04	12.24
59	M	1,2-dichloropropane	0.351	0.370	-5.4	106	-0.02	12.46
60	M	propyl acetate	0.289	0.270	6.6	95	-0.04	12.53
61	M	methyl methacrylate	0.179	0.186	-3.9	98	-0.03	12.58
62	M	bromodichloromethane	0.731	0.799	-9.3	103	-0.04	12.91
63	M	dibromomethane	0.312	0.328	-5.1	102	-0.02	13.04
64	M	2-nitropropane	0.860	0.842	2.1	95	-0.02	13.58
65	M	3-methyl-1-butanol	0.010	0.009	10.0	88	-0.03	13.14
66	M	2-chloroethyl vinyl ether	0.148	0.158	-6.8	96	-0.04	13.56
			True	Calc.	% Drift			
67	M	4-methyl-2-pentanone	50.000	48.617	2.8	95	-0.03	13.63
			AvgRF	CCRF	% Dev			
68	M	epichlorohydrin	0.067	0.066	1.5	94	-0.02	13.58
69	M	cis-1,3-dichloropropene	0.561	0.634	-13.0	107	-0.04	14.06
70	M	toluene	0.795	0.864	-8.7	105	-0.03	14.74
71	M	trans-1,3-dichloropropene	0.496	0.525	-5.8	101	-0.03	15.12
73	M	ethyl methacrylate	0.561	0.570	-1.6	97	-0.03	15.12
74	M	1,1,2-trichloroethane	0.254	0.265	-4.3	103	-0.02	15.44
			True	Calc.	% Drift			
75	M	2-hexanone	50.000	47.689	4.6	92	0.00	15.47
			AvgRF	CCRF	% Dev			
76	S	toluene-d8 (s)	1.013	1.028	-1.5	104	-0.02	14.58
77	I	chlorobenzene-d5	1.000	1.000	0.0	109	-0.02	17.63
78	M	1,3-dichloropropane	0.652	0.692	-6.1	104	-0.03	15.94
80	M	tetrachloroethene	0.737	0.761	-3.3	104	-0.03	16.08
81	M	dibromochloromethane	0.627	0.661	-5.4	100	-0.01	16.48

5.7

Initial Calibration Verification

Job Number: JA11802
Account: CARICH C. A. Rich Consultants
Project: Via Verde, 700-730 Brook Avenue, Bronx, NY

Sample: VG5644-ICV5644
Lab FileID: G117809.D

		True	Calc.	% Drift			
82 M	1,2-dibromoethane	50.000	48.794	2.4	101	-0.02	16.87

		AvgRF	CCRF	% Dev			
83 M	chlorobenzene	1.256	1.314	-4.6	105	-0.02	17.70
84 M	1,1,1,2-tetrachloroethane	0.529	0.585	-10.6	104	-0.02	17.79
85 M	ethylbenzene	1.924	1.950	-1.4	104	-0.03	17.80
86 M	m,p-xylene	0.753	0.790	-4.9	106	-0.02	17.96
87 M	o-xylene	0.748	0.817	-9.2	105	-0.03	18.78
88 M	styrene	0.894	1.010	-13.0	106	-0.02	18.85

		True	Calc.	% Drift			
89 M	bromoform	50.000	48.069	3.9	100	-0.02	19.48

		AvgRF	CCRF	% Dev			
90 M	cyclohexanone	0.022	0.025	-13.6	119	-0.01	19.56
91 I	1,4-dichlorobenzene-d4	1.000	1.000	0.0	106	-0.02	22.07
92 S	4-bromofluorobenzene (s)	1.474	1.511	-2.5	105	-0.01	19.93
93 M	isopropylbenzene	2.774	2.936	-5.8	104	-0.01	19.47
94 M	1,1,2,2-tetrachloroethane	0.913	0.908	0.5	97	0.00	19.79
95 M	1,2,3-trichloropropane	0.308	0.304	1.3	96	-0.02	20.05

		True	Calc.	% Drift			
96 M	trans-1,4-dichloro-2-bute	50.000	46.212	7.6	94	-0.01	20.18

		AvgRF	CCRF	% Dev			
97 M	n-propylbenzene	3.661	3.791	-3.6	104	-0.01	20.22
98 M	bromobenzene	0.892	0.912	-2.2	104	-0.02	20.28
99 M	1,3,5-trimethylbenzene	2.648	2.702	-2.0	104	-0.02	20.49

		True	Calc.	% Drift			
100 M	2-chlorotoluene	50.000	51.649	-3.3	110	-0.02	20.53

		AvgRF	CCRF	% Dev			
101 M	4-chlorotoluene	3.047	2.896	5.0	98	-0.02	20.60
102 M	tert-butylbenzene	2.402	2.392	0.4	103	-0.01	21.15
103 M	1,2,4-trimethylbenzene	2.588	2.641	-2.0	104	-0.02	21.21
104 M	pentachloroethane	0.705	0.726	-3.0	104	-0.01	21.25
105 M	sec-butylbenzene	3.511	3.657	-4.2	106	0.00	21.54
106 M	p-isopropyltoluene	2.845	3.041	-6.9	106	0.00	21.78
107 M	1,3-dichlorobenzene	1.850	1.906	-3.0	107	-0.01	21.94
108 M	1,4-dichlorobenzene	2.078	1.957	5.8	101	-0.01	22.13
109 M	benzyl chloride	1.087	1.085	0.2	95	-0.01	22.33
110 M	n-butylbenzene	2.729	2.949	-8.1	103	-0.01	22.51
111 M	1,2-dichlorobenzene	1.750	1.772	-1.3	105	-0.01	22.79
112 M	hexachloroethane	0.725	0.789	-8.8	105	-0.02	23.43

		True	Calc.	% Drift			
113 M	1,2-dibromo-3-chloropropa	50.000	48.893	2.2	95	-0.02	24.15
115 M	1,2,4-trichlorobenzene	1.087	1.122	-3.2	101	-0.04	25.55
116 M	hexachlorobutadiene	0.931	0.928	0.3	103	-0.03	25.76
117 M	naphthalene	1.270	1.274	-0.3	97	-0.03	25.93
118 M	1,2,3-trichlorobenzene	0.944	0.907	3.9	101	-0.04	26.27
119 M	Ethylenimine		----------NA----------				
120 M	Bis(chloromethyl)ether		----------NA----------				

5.7

Initial Calibration Verification

Job Number: JA11802
Account: CARICH C. A. Rich Consultants
Project: Via Verde, 700-730 Brook Avenue, Bronx, NY

Sample: VG5644-ICV5644
Lab FileID: G117809.D

(#) = Out of Range SPCC's out = 0 CCC's out = 0
G117804.D mg5644.m Wed Feb 11 10:55:52 2009 VOA

5.7 5

Continuing Calibration Summary

Job Number: JA11802
Account: CARICH C. A. Rich Consultants
Project: Via Verde, 700-730 Brook Avenue, Bronx, NY

Sample: VG5659-CC5644
Lab FileID: G118124.D

Evaluate Continuing Calibration Report

Data File : C:\MSDCHEM\1\DATA\VG5659\G118124.D
Acq On : 20 Feb 2009 10:08 am
Sample : CC5644-50
Misc : MS76668,VG5659,,,,,1
MS Integration Params: lscint.p

Vial: 2
Operator: SCOTTM
Inst : GC/MS Ins
Multiplr: 1.00

Method : C:\MSDCHEM\1\METHODS\MG5644.M (RTE Integrator)
Title : SW-846 Method 8260B
Last Update : Tue Feb 17 14:06:55 2009
Response via : Multiple Level Calibration

Min. RRF : 0.001 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	88	-0.02	5.77
2 M	tertiary butyl alcohol	1.058	1.429	-35.1#	109	0.00	5.90
3 M	acetonitrile	0.647	0.338	47.8#	49#	0.02	9.28
		True	Calc.	% Drift			
4 M	1,4-dioxane	1250.000	1187.534	5.0	82	-0.02	12.98
		AvgRF	CCRF	% Dev			
5 I	pentafluorobenzene	1.000	1.000	0.0	104	0.00	9.45
6 M	chlorodifluoromethane	0.502	0.423	15.7	83	0.00	3.09
7 M	dichlorodifluoromethane	0.672	0.670	0.3	100	0.00	3.12
8 M	chloromethane	0.272	0.246	9.6	92	0.00	3.44
9 M	vinyl chloride	0.291	0.279	4.1	96	0.00	3.63
10 M	bromomethane	0.333	0.327	1.8	100	-0.02	4.27
11 M	chloroethane	0.228	0.230	-0.9	101	0.00	4.39
12 M	trichlorofluoromethane	0.957	1.048	-9.5	107	-0.02	4.78
13 M	ethyl ether	0.162	0.156	3.7	94	-0.02	5.20
		True	Calc.	% Drift			
14 M	acrolein	500.000	454.958	9.0	89	-0.02	5.43
		AvgRF	CCRF	% Dev			
15 M	freon 113	0.754	0.693	8.1	91	-0.02	5.50
		True	Calc.	% Drift			
16 M	acetone	50.000	58.137	-16.3	128	-0.02	5.53
		AvgRF	CCRF	% Dev			
17 M	1,1-dichloroethene	0.344	0.331	3.8	94	-0.02	5.75
18 M	iodomethane	0.817	0.826	-1.1	97	-0.02	6.28
19 M	methyl acetate	0.127	0.122	3.9	90	0.00	6.32
20 M	allyl chloride	0.173	0.161	6.9	93	0.00	6.37
21 M	methylene chloride	0.366	0.343	6.3	99	0.00	6.58
22 M	carbon disulfide	0.899	0.870	3.2	90	0.00	6.63
		True	Calc.	% Drift			
23 M	acrylonitrile	250.000	213.735	14.5	86	-0.03	6.78
		AvgRF	CCRF	% Dev			
24 M	methyl tert butyl ether	0.941	0.890	5.4	94	-0.02	6.88
25 M	trans-1,2-dichloroethene	0.395	0.397	-0.5	95	-0.02	7.10

Continuing Calibration Summary

Job Number: JA11802
Account: CARICH C. A. Rich Consultants
Project: Via Verde, 700-730 Brook Avenue, Bronx, NY

Sample: VG5659-CC5644
Lab FileID: G118124.D

26 M	hexane	0.363	0.323	11.0	90	-0.02	7.21
27 M	di-isopropyl ether	0.976	0.940	3.7	94	-0.02	7.70
28 M	1,1-dichloroethane	0.740	0.735	0.7	97	-0.03	7.85
29 M	vinyl acetate	0.000	0.046	0.0	0#	-0.02	7.86
30 M	chloroprene	0.675	0.635	5.9	93	0.00	8.05
31 M	ethyl tert-butyl ether	1.354	1.288	4.9	94	-0.03	8.44
32 M	2-butanone	0.091	0.080	12.1	94	-0.02	8.63
33 M	propionitrile	0.000	0.014	0.0	0#	-0.02	8.76
34 M	2,2-dichloropropane	0.808	0.826	-2.2	101	-0.03	8.91
35 M	ethyl acetate	0.749	0.728	2.8	96	-0.02	8.99
36 M	cis-1,2-dichloroethene	0.417	0.408	2.2	95	-0.02	9.00
37 M	methacrylonitrile	0.405	0.360	11.1	91	0.02	9.30
38 M	methyl acrylate	0.000	0.245	0.0	0#	0.00	9.19
39 M	iso-butyl alcohol	0.016	0.013	18.8	89	-0.03	9.25
40 M	chloroform	0.890	0.895	-0.6	99	-0.02	9.29
41 M	t-butyl formate	0.355	0.340	4.2	93	-0.03	9.30
42 M	bromochloromethane	0.217	0.208	4.1	96	0.00	9.60
43 M	tetrahydrofuran	0.061	0.055	9.8	83	0.00	9.71
44 M	1,1,1-trichloroethane	0.856	0.908	-6.1	101	0.00	10.08
45 S	dibromofluoromethane (s)	0.614	0.575	6.4	95	0.00	9.71
46 S	1,2-dichloroethane-d4 (s)	0.505	0.458	9.3	92	-0.02	10.66
47 I	1,4-difluorobenzene	1.000	1.000	0.0	101	-0.02	11.43
48 M	n-butyl alcohol	0.025	0.025	0.0	97	-0.03	10.09
49 M	cyclohexane	0.474	0.479	-1.1	97	-0.02	10.12
50 M	1,1-dichloropropene	0.585	0.616	-5.3	97	-0.02	10.36
51 M	isopropyl acetate	0.000	0.070	0.0	0#	-0.02	10.52
52 M	carbon tetrachloride	0.671	0.766	-14.2	103	0.00	10.57
53 M	tert-amyl methyl ether	1.005	0.962	4.3	93	0.00	10.62
54 M	heptane	0.339	0.314	7.4	87	-0.02	10.71
55 M	1,2-dichloroethane	0.503	0.530	-5.4	98	0.00	10.85
56 M	benzene	1.141	1.077	5.6	94	-0.02	10.89
57 M	trichloroethene	0.457	0.479	-4.8	96	0.00	12.12
58 M	methylcyclohexane	0.544	0.518	4.8	92	-0.02	12.25
59 M	1,2-dichloropropane	0.351	0.350	0.3	95	0.00	12.47
60 M	propyl acetate	0.289	0.250	13.5	83	-0.03	12.55
61 M	methyl methacrylate	0.179	0.173	3.4	87	0.00	12.60
62 M	bromodichloromethane	0.731	0.795	-8.8	98	0.00	12.94
63 M	dibromomethane	0.312	0.314	-0.6	93	-0.02	13.04
64 M	2-nitropropane	0.860	0.789	8.3	84	0.00	13.59
65 M	3-methyl-1-butanol	0.010	0.009	10.0	76	0.00	13.17
66 M	2-chloroethyl vinyl ether	0.148	0.145	2.0	83	-0.03	13.57
		True	Calc.	% Drift			
67 M	4-methyl-2-pentanone	50.000	45.173	9.7	84	0.00	13.66
		AvgRF	CCRF	% Dev			
68 M	epichlorohydrin	0.067	0.061	9.0	83	0.00	13.59
69 M	cis-1,3-dichloropropene	0.561	0.588	-4.8	95	-0.02	14.08
70 M	toluene	0.795	0.818	-2.9	95	0.00	14.76
71 M	trans-1,3-dichloropropene	0.496	0.505	-1.8	93	-0.02	15.12
		True	Calc.	% Drift			
72 M	3,3-dimethyl-1-butanol	500.000	0.000	100.0#	0	-0.03	15.26
		AvgRF	CCRF	% Dev			
73 M	ethyl methacrylate	0.561	0.516	8.0	84	-0.02	15.13
74 M	1,1,2-trichloroethane	0.254	0.241	5.1	89	-0.02	15.43
		True	Calc.	% Drift			

5.7

Continuing Calibration Summary

Job Number: JA11802
Account: CARICH C. A. Rich Consultants
Project: Via Verde, 700-730 Brook Avenue, Bronx, NY

Sample: VG5659-CC5644
Lab FileID: G118124.D

75 M	2-hexanone	50.000	44.849	10.3	83	0.00	15.48
		AvgRF	CCRF	% Dev			
76 S	toluene-d8 (s)	1.013	0.965	4.7	93	-0.02	14.59
77 I	chlorobenzene-d5	1.000	1.000	0.0	100	0.00	17.64
78 M	1,3-dichloropropane	0.652	0.672	-3.1	92	-0.02	15.95
79 M	butyl acetate	0.000	0.173	0.0	0#	-0.02	15.99
80 M	tetrachloroethene	0.737	0.797	-8.1	99	-0.02	16.10
81 M	dibromochloromethane	0.627	0.675	-7.7	93	-0.02	16.48
		True	Calc.	% Drift			
82 M	1,2-dibromoethane	50.000	47.092	5.8	89	0.00	16.88
		AvgRF	CCRF	% Dev			
83 M	chlorobenzene	1.256	1.294	-3.0	95	-0.02	17.71
84 M	1,1,1,2-tetrachloroethane	0.529	0.608	-14.9	99	0.00	17.81
85 M	ethylbenzene	1.924	2.012	-4.6	98	-0.02	17.82
86 M	m,p-xylene	0.753	0.791	-5.0	97	0.00	17.97
87 M	o-xylene	0.748	0.814	-8.8	96	0.00	18.81
88 M	styrene	0.894	0.999	-11.7	95	0.00	18.88
		True	Calc.	% Drift			
89 M	bromoform	50.000	49.046	1.9	94	0.00	19.49
		AvgRF	CCRF	% Dev			
90 M	cyclohexanone	0.022	0.036	-63.6#	161	0.00	19.58
91 I	1,4-dichlorobenzene-d4	1.000	1.000	0.0	101	0.00	22.09
92 S	4-bromofluorobenzene (s)	1.474	1.377	6.6	91	0.00	19.95
93 M	isopropylbenzene	2.774	2.901	-4.6	97	0.00	19.49
94 M	1,1,2,2-tetrachloroethane	0.913	0.834	8.7	85	0.00	19.80
95 M	1,2,3-trichloropropane	0.308	0.296	3.9	89	0.00	20.06
		True	Calc.	% Drift			
96 M	trans-1,4-dichloro-2-bute	50.000	44.518	11.0	86	0.00	20.19
		AvgRF	CCRF	% Dev			
97 M	n-propylbenzene	3.661	3.670	-0.2	96	0.00	20.23
98 M	bromobenzene	0.892	0.898	-0.7	97	0.00	20.30
99 M	1,3,5-trimethylbenzene	2.648	2.663	-0.6	98	0.00	20.52
100 M	2-chlorotoluene	2.341	2.265	3.2	98	0.00	20.55
101 M	4-chlorotoluene	3.087	2.812	8.9	91	0.00	20.62
102 M	tert-butylbenzene	2.402	2.396	0.2	98	0.00	21.16
103 M	1,2,4-trimethylbenzene	2.588	2.587	0.0	97	0.00	21.23
104 M	pentachloroethane	0.705	0.728	-3.3	99	0.00	21.27
105 M	sec-butylbenzene	3.511	3.555	-1.3	98	0.00	21.54
106 M	p-isopropyltoluene	2.845	2.962	-4.1	98	0.00	21.79
107 M	1,3-dichlorobenzene	1.850	1.787	3.4	95	0.00	21.96
108 M	1,4-dichlorobenzene	2.078	1.889	9.1	93	0.00	22.14
109 M	benzyl chloride	1.087	0.976	10.2	81	0.00	22.34
110 M	n-butylbenzene	2.729	2.822	-3.4	94	0.00	22.52
111 M	1,2-dichlorobenzene	1.750	1.661	5.1	94	0.00	22.81
112 M	hexachloroethane	0.725	0.783	-8.0	100	-0.02	23.43
		True	Calc.	% Drift			
113 M	1,2-dibromo-3-chloropropa	50.000	45.422	9.2	84	0.00	24.18
		AvgRF	CCRF	% Dev			
114 M	nitrobenzene	0.000	0.074	0.0	0#	-0.02	24.17

5.7

Continuing Calibration Summary

Job Number: JA11802
Account: CARICH C. A. Rich Consultants
Project: Via Verde, 700-730 Brook Avenue, Bronx, NY

Sample: VG5659-CC5644
Lab FileID: G118124.D

115 M	1,2,4-trichlorobenzene	1.087	1.078	0.8	93	-0.02	25.57
116 M	hexachlorobutadiene	0.931	1.017	-9.2	107	0.00	25.78
117 M	naphthalene	1.270	1.106	12.9	80	-0.02	25.94
118 M	1,2,3-trichlorobenzene	0.944	0.851	9.9	90	-0.02	26.29
119 M	Ethylenimine		----------NA----------				
120 M	Bis(chloromethyl)ether		----------NA----------				

(#) = Out of Range SPCC's out = 0 CCC's out = 0
G117804.D MG5644.M Fri Feb 20 14:01:17 2009 VOA-CLN-01

5.7

Initial Calibration Summary

Job Number: JA11802
Account: CARICH C. A. Rich Consultants
Project: Via Verde, 700-730 Brook Avenue, Bronx, NY

Sample: VY3534-ICC3534
Lab FileID: Y85018.D

Response Factor Report MSY

Method : C:\MSDCHEM\1\METHODS\MY3534.M (RTE Integrator)
Title : SW-846 Method 8260
Last Update : Fri Feb 20 09:33:32 2009
Response via : Initial Calibration

Calibration Files
1 =Y85024.D 10 =Y85016.D 100 =Y85019.D 50 =Y85018.D
20 =Y85017.D 200 =Y85020.D 5 =Y85015.D 0.5 =Y85013.D

Compound	1	10	100	50	20	200	5	0.5	Avg	%RSD
1) I Tert Butyl Alcohol-d9	----------ISTD----------									
2) tertiary but		0.983	1.220	1.139	1.116	1.181	1.024		1.111	8.23
3) 1,4-dioxane		0.060	0.087	0.079	0.079	0.087	0.071		0.077	13.18
4) I pentafluorobenzene	----------ISTD----------									
5) chlorotriflu									0.000#	-1.00
6) chlorodifluo		0.596	0.561	0.548	0.598	0.480	0.669		0.575	10.91
7) dichlorodifl		0.659	0.609	0.672	0.682	0.604	0.756		0.664	8.39
8) chloromethan		1.089	0.901	0.977	1.057	0.918	1.294		1.039	13.95
9) vinyl chlori		0.935	0.790	0.854	0.921	0.800	1.069		0.895	11.65
10) bromomethane	0.514	0.548	0.492	0.518	0.593	0.467	0.709		0.549	14.84
11) chloroethane		0.522	0.440	0.485	0.518	0.409	0.596		0.495	13.36
12) trichloroflu		0.971	0.831	0.900	0.967	0.832	1.126		0.938	11.80
13) ethyl ether	0.535	0.401	0.393	0.433	0.396	0.393	0.449		0.429	12.12
14) acrolein	0.028	0.031	0.032	0.032	0.031	0.032	0.030		0.031	5.34
15) 1,1-dichloro		0.413	0.364	0.436	0.409	0.364	0.465		0.409	9.71
16) acetone		0.034	0.046	0.046	0.046	0.048			0.044	13.04
17) allyl chlori	0.378	0.275	0.282	0.328	0.288	0.297	0.269		0.302	12.76
18) acetonitrile		0.043	0.044	0.041	0.036	0.042	0.037		0.040	8.14
19) iodomethane		0.788	0.733	0.834	0.776	0.747	0.906		0.797	8.01
20) iso-butyl al		0.019	0.028	0.022	0.018	0.028	0.019		0.022	21.44
----- Linear regression ----- Coefficient = 0.9972										
Response Ratio = -0.03228 + 0.02925 *A										
21) carbon disul		1.549	1.369	1.616	1.519	1.363	1.791		1.535	10.48
22) methylene ch		0.649	0.555	0.634	0.618	0.563	0.757		0.629	11.62
23) methyl aceta		0.355	0.473	0.404	0.461	0.438	0.526		0.443	13.33
24) methyl tert	1.771	1.459	1.469	1.618	1.439	1.490	1.532		1.540	7.69
25) trans-1,2-di		0.473	0.421	0.500	0.458	0.419	0.540		0.468	10.01
26) di-isopropyl	1.955	1.707	1.900	1.774	1.835	1.709	1.800		1.811	5.13
27) 2-butanone		0.022	0.059	0.052	0.041	0.064			0.048	35.30
----- Linear regression ----- Coefficient = 0.9992										
Response Ratio = -0.01178 + 0.06670 *A										
28) 1,1-dichloro		0.983	0.877	1.018	0.950	0.878	1.083		0.965	8.36
29) chloroprene	0.805	0.702	0.725	0.703	0.740	0.645	0.738		0.723	6.73
30) acrylonitril		0.146	0.191	0.203	0.184	0.193	0.142		0.177	14.78
31) vinyl acetat									0.000#	-1.00
32) ethyl tert-b	1.426	1.481	1.715	1.552	1.573	1.583	1.514		1.549	5.92
33) ethyl acetat		0.068	0.090	0.080	0.075	0.083			0.079	10.70
34) 2,2-dichloro	0.877	0.684	0.628	0.711	0.663	0.628	0.790		0.712	12.90
35) cis-1,2-dich	0.651	0.527	0.510	0.584	0.525	0.520	0.594		0.559	9.37
36) propionitril		0.075	0.077	0.083	0.071	0.078	0.067		0.075	7.42
37) bromochlorom	0.291	0.265	0.249	0.282	0.257	0.255	0.276		0.268	5.89
38) tetrahydrofu		0.150	0.162	0.186	0.151	0.173	0.193		0.169	10.68
39) chloroform		0.898	0.778	0.918	0.864	0.787	1.013		0.876	10.05

5.7

Initial Calibration Summary

Job Number: JA11802
Account: CARICH C. A. Rich Consultants
Project: Via Verde, 700-730 Brook Avenue, Bronx, NY

Sample: VY3534-ICC3534
Lab FileID: Y85018.D

40)	dibromofluor		0.489	0.456	0.451	0.471	0.439	0.588		0.482	11.34
41)	1,2-dichloro		0.615	0.575	0.572	0.620	0.542	0.774		0.616	13.41
42)	freon 113	0.377	0.347	0.331	0.324	0.363	0.292	0.394		0.347	9.94
43)	methacryloni		0.441	0.286	0.273	0.203	0.311	0.428		0.324	28.82

----- Linear regression ----- Coefficient = 0.9952
Response Ratio = -0.01253 + 0.30864 *A

44)	1,1,1-trichl		0.754	0.637	0.760	0.709	0.644	0.831		0.722	10.31
45)	Cyclohexane		0.909	0.685	0.840	0.824	0.660	1.158		0.846	21.30

----- Linear regression ----- Coefficient = 0.9915
Response Ratio = 0.04586 + 0.69877 *A

----------ISTD----------

46)	I 1,4-difluorobenzene										
47)	epichlorohyd		0.028	0.039	0.035	0.034	0.036			0.034	12.31
48)	n-butyl alco	0.017	0.014	0.014	0.016	0.014	0.014	0.014		0.015	8.43
49)	carbon tetra		0.414	0.356	0.422	0.395	0.350	0.462		0.400	10.55
50)	1,1-dichloro		0.389	0.380	0.438	0.404	0.373	0.452		0.406	7.90
51)	hexane		0.244	0.219	0.211	0.244	0.183	0.271		0.229	13.53
52)	Tert Amyl Al									0.000#	-1.00
53)	benzene	1.725	1.321	1.187	1.369	1.265	1.181	1.447		1.356	13.91
54)	tert-amyl me	1.006	0.970	1.021	0.932	0.978	0.914	0.961		0.969	3.91
55)	heptane		0.278	0.240	0.234	0.267	0.209	0.332		0.260	16.54

----- Linear regression ----- Coefficient = 0.9958
Response Ratio = 0.01099 + 0.22462 *A

56)	isopropyl ac									0.000#	-1.00
57)	1,2-dichloro	0.602	0.455	0.415	0.469	0.442	0.408	0.478		0.467	13.92
58)	trichloroeth	0.387	0.306	0.278	0.326	0.307	0.276	0.319		0.314	11.88
59)	Tert Amyl Et	0.684	0.854	0.824	0.878	0.898	0.845	0.820		0.829	8.42
60)	2-nitropropa		0.174	0.256	0.213	0.206	0.227	0.073		0.191	33.43

----- Linear regression ----- Coefficient = 0.9945
Response Ratio = -0.00761 + 0.23403 *A

61)	2-chloroethy		0.208	0.248	0.223	0.225	0.221	0.186		0.219	9.42
62)	methyl metha		0.169	0.235	0.251	0.204	0.241	0.181		0.214	15.93

----- Linear regression ----- Coefficient = 0.9994
Response Ratio = -0.00887 + 0.24306 *A

63)	1,2-dichloro		0.359	0.332	0.384	0.344	0.329	0.409		0.359	8.75
64)	dibromometha	0.196	0.191	0.181	0.202	0.187	0.181	0.191		0.190	4.02
65)	methylcycloh	0.586	0.536	0.512	0.502	0.545	0.437	0.564		0.526	9.24
66)	bromodichlor	0.575	0.444	0.422	0.478	0.434	0.433	0.490		0.468	11.40
67)	cis-1,3-dich	0.648	0.583	0.555	0.618	0,553	0.569	0.586		0.587	5.94
68)	toluene-d8 (	1.333	1.204	1.135	1.153	1.185	1.066	1.378	1.189	1.205	8.52
69)	4-methyl-2-p		0.109	0.132	0.134	0.106	0.139	0.131		0.125	11.25
70)	toluene	0.900	0.810	0.735	0.851	0.771	0.738	0.858		0.809	7.89
71)	3-methyl-1-b		0.014	0.020	0.016	0.015	0.018	0.010		0.016	22.20

----- Linear regression ----- Coefficient = 0.9955
Response Ratio = -0.01908 + 0.01876 *A

72)	trans-1,3-di	0.524	0.480	0.515	0.558	0.500	0.527	0.468		0.510	6.01
73)	ethyl methac		0.368	0.461	0.483	0.402	0.470	0.330		0.419	14.90
74)	1,1,2-trichl	0.314	0.253	0.245	0.271	0.254	0.249	0.273		0.265	8.96
75)	2-hexanone		0.096	0.128	0.140	0.116	0.137	0.072		0.115	22.91

----- Linear regression ----- Coefficient = 0.9966
Response Ratio = -0.00678 + 0.13666 *A

76) I chlorobenzene-d5 ----------ISTD----------

5.7 5

Initial Calibration Summary

Job Number: JA11802
Account: CARICH C. A. Rich Consultants
Project: Via Verde, 700-730 Brook Avenue, Bronx, NY

Sample: VY3534-ICC3534
Lab FileID: Y85018.D

77)	tetrachloroe		0.288	0.255	0.305	0.270	0.254	0.317		0.282	9.32
78)	1,3-dichloro	0.652	0.573	0.538	0.608	0.565	0.538	0.605		0.583	7.13
79)	butyl acetat		0.215	0.274	0.243	0.231	0.252	0.194		0.235	12.02
80)	dibromochlor	0.398	0.353	0.346	0.387	0.349	0.359	0.375		0.367	5.50
81)	1,2-dibromoe	0.329	0.299	0.298	0.323	0.295	0.304	0.307		0.308	4.24
82)	chlorobenzen		0.986	0.917	1.041	0.958	0.926	1.088		0.986	6.82
83)	1,1,1,2-tetr		0.344	0.326	0.373	0.343	0.330	0.382		0.350	6.62
84)	ethylbenzene	1.855	1.508	1.439	1.690	1.506	1.433	1.635		1.581	9.76
85)	m,p-xylene	0.696	0.627	0.574	0.671	0.616	0.577	0.665		0.632	7.49
86)	o-xylene	0.605	0.581	0.601	0.688	0.596	0.608	0.593		0.610	5.79
87)	styrene		0.985	0.996	1.136	1.006	1.018	0.989		1.021	5.60
88)	bromoform	0.287	0.249	0.254	0.272	0.242	0.265	0.251		0.260	6.03
89)	I 1,4-dichlorobenzene-d	ISTD									
90)	isopropylben	2.266	2.204	2.178	2.571	2.202	2.136	2.240		2.257	6.41
91)	4-bromofluor		0.795	0.829	0.821	0.886	0.802	1.092		0.871	12.99
92)	cyclohexanon		0.018	0.021	0.021	0.018	0.023	0.014		0.019	17.38
	----- Linear regression ----- Coefficient = 0.9989										
	Response Ratio = -0.01858 + 0.02322 *A										
93)	bromobenzene	0.908	0.722	0.705	0.801	0.714	0.726	0.768		0.763	9.46
94)	1,1,2,2-tetr	0.997	0.830	0.766	0.857	0.783	0.779	0.871	0.695	0.822	11.00
95)	trans-1,4-di		0.248	0.249	0.274	0.242	0.247	0.222		0.247	6.68
96)	1,2,3-trichl	0.256	0.237	0.215	0.238	0.224	0.217	0.228		0.231	6.17
97)	n-propylbenz	3.255	3.220	2.912	3.512	3.124	2.790	3.349		3.166	7.87
98)	4-Ethyltolue	2.217	2.883	2.758	3.007	2.992	2.800	2.742		2.772	9.61
99)	2-chlorotolu	0.807	0.713	0.634	0.744	0.685	0.636	0.766		0.712	9.17
100)	4-chlorotolu	2.273	2.025	1.875	2.204	2.040	1.886	2.187		2.070	7.58
101)	1,3,5-trimet	2.936	2.365	2.053	2.510	2.336	2.043	2.681		2.418	13.40
102)	tert-butylbe	2.064	1.929	1.884	2.255	1.918	1.799	2.030		1.983	7.52
103)	pentachloroe	0.656	0.488	0.463	0.522	0.486	0.477	0.532		0.518	12.68
104)	1,2,4-trimet	2.409	2.411	2.239	2.653	2.285	2.175	2.439		2.373	6.67
105)	sec-butylben		3.112	2.720	3.345	2.930	2.501	3.372		2.997	11.58
106)	1,3-dichloro		1.419	1.333	1.536	1.382	1.340	1.591		1.434	7.46
107)	p-isopropylt		2.612	2.375	2.923	2.470	2.217	2.773		2.562	10.18
108)	1,4-dichloro		1.493	1.377	1.610	1.453	1.394	1.680		1.501	8.05
109)	1,2-dichloro		1.421	1.321	1.509	1.357	1.343	1.546		1.416	6.57
110)	1,4-Diethylb		1.669	1.624	1.766	1.747	1.651	1.549		1.668	4.80
111)	n-butylbenze		1.400	1.197	1.497	1.323	1.085	1.514		1.336	12.70
112)	1,2,4,5-Tetr		2.386	2.667	2.831	2.655	2.742	2.026		2.551	11.66
113)	1,2-dibromo-		0.142	0.140	0.156	0.137	0.146	0.149		0.145	4.62
114)	1,2,4-trichl	1.105	0.894	0.983	1.116	0.877	0.937	0.900		0.973	10.28
115)	hexachlorobu		0.556	0.426	0.565	0.480	0.409	0.598		0.506	15.55
	----- Linear regression ----- Coefficient = 0.9920										
	Response Ratio = 0.05563 + 0.40041 *A										
116)	naphthalene	1.962	1.884	2.252	2.442	1.889	2.278	1.650		2.051	13.62
117)	1,2,3-trichl	1.123	0.875	0.909	1.028	0.823	0.866	0.844		0.924	11.92
118)	hexachloroet		0.448	0.423	0.505	0.432	0.406	0.494		0.451	8.81

(#) = Out of Range ### Number of calibration levels exceeded format ###

MY3534.M Fri Feb 20 09:59:26 2009 VOA-CLN-03

5.7 5

Initial Calibration Verification

Job Number: JA11802
Account: CARICH C. A. Rich Consultants
Project: Via Verde, 700-730 Brook Avenue, Bronx, NY

Sample: VY3536-ICV3534
Lab FileID: Y85058.D

Evaluate Continuing Calibration Report

Data File : C:\msdchem\1\DATA\Y-...a-vy-3536fix\y85058.d Vial: 5
Acq On : 18 Feb 2009 12:29 pm Operator: hok
Sample : icv3534-50 Inst : MSY
Misc : MS76410,VY3536,5.0,,,,1 Multiplr: 1.00
MS Integration Params: Rteint.p

Method : C:\MSDCHEM\1\METHODS\MY3534.M (RTE Integrator)
Title : SW-846 Method 8260
Last Update : Fri Feb 20 09:33:32 2009
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	74	0.00	5.60
2 M	tertiary butyl alcohol	1.111	1.211	-9.0	79	0.00	5.74
3	1,4-dioxane	0.077	0.074	3.9	69	0.00	9.93
4 I	pentafluorobenzene	1.000	1.000	0.0	73	0.00	8.15
5 M	chlorotrifluoroethene		----------NA----------				
6 M	chlorodifluoromethane	0.575	0.632	-9.9	84	0.00	2.54
7 M	dichlorodifluoromethane	0.664	0.678	-2.1	74	0.00	2.51
8 M	chloromethane	1.039	1.044	-0.5	78	0.00	2.76
9 M	vinyl chloride	0.895	0.928	-3.7	79	0.00	2.94
10 M	bromomethane	0.549	0.592	-7.8	84	0.00	3.44
11 M	chloroethane	0.495	0.537	-8.5	81	0.00	3.57
12 M	trichlorofluoromethane	0.938	1.006	-7.2	82	0.00	4.00
13 M	ethyl ether	0.429	0.388	9.6	65	0.00	4.36
14 M	acrolein	0.031	0.145	-367.7#	328#	-0.01	4.62
15 M	1,1-dichloroethene	0.409	0.408	0.2	68	0.00	4.76
16 M	acetone	0.044	0.051	-15.9	81	-0.02	4.87
17 M	allyl chloride	0.302	0.266	11.9	59	0.00	5.34
18 M	acetonitrile	0.040	0.043	-7.5	77	0.00	5.33
19 M	iodomethane	0.797	0.711	10.8	62	0.00	5.03
	----------	True	Calc.	% Drift	----------		
20 M	iso-butyl alcohol	500.000	463.126	7.4	79	0.00	8.56
	----------	AvgRF	CCRF	% Dev	----------		
21 M	carbon disulfide	1.535	1.456	5.1	66	0.00	5.14
22 M	methylene chloride	0.629	0.579	7.9	67	0.00	5.54
23 M	methyl acetate	0.443	0.534	-20.5#	97	0.00	5.38
24 M	methyl tert butyl ether	1.540	1.481	3.8	67	0.00	5.93
25 M	trans-1,2-dichloroethene	0.468	0.447	4.5	65	0.01	5.96
26 M	di-isopropyl ether	1.811	2.008	-10.9	83	0.00	6.63
	----------	True	Calc.	% Drift	----------		
27 M	2-butanone	50.000	51.026	-2.1	79	0.00	7.52
	----------	AvgRF	CCRF	% Dev	----------		
28 M	1,1-dichloroethane	0.965	0.983	-1.9	71	0.00	6.59
29 M	chloroprene	0.723	0.813	-12.4	85	0.00	6.72
30 M	acrylonitrile	0.177	0.184	-4.0	66	0.00	5.94
31 M	vinyl acetate		----------NA----------				
32 M	ethyl tert-butyl ether	1.549	1.700	-9.7	80	0.00	7.17
33 M	ethyl acetate	0.079	0.092	-16.5	84	0.00	7.54

Initial Calibration Verification

Job Number: JA11802
Account: CARICH C. A. Rich Consultants
Project: Via Verde, 700-730 Brook Avenue, Bronx, NY

Sample: VY3536-ICV3534
Lab FileID: Y85058.D

34 M	2,2-dichloropropane	0.712	0.724	-1.7	74	0.00	7.43
35 M	cis-1,2-dichloroethene	0.559	0.523	6.4	65	0.00	7.46
36 M	propionitrile	0.075	0.077	-2.7	67	0.00	7.58
37 M	bromochloromethane	0.268	0.258	3.7	67	0.01	7.81
38 M	tetrahydrofuran	0.169	0.181	-7.1	71	0.00	7.88
39 M	chloroform	0.876	0.905	-3.3	72	0.00	7.91
40 S	dibromofluoromethane (s)	0.482	0.473	1.9	77	0.00	8.14
41 S	1,2-dichloroethane-d4 (s)	0.616	0.645	-4.7	82	0.00	8.60
42 M	freon 113	0.347	0.327	5.8	74	0.00	4.83
		True	Calc.	% Drift			
43 M	methacrylonitrile	50.000	49.784	0.4	79	0.00	7.79
		AvgRF	CCRF	% Dev			
44 M	1,1,1-trichloroethane	0.722	0.757	-4.8	73	0.00	8.15
		True	Calc.	% Drift			
45 M	Cyclohexane	50.000	45.489	9.0	59	0.00	8.21
		AvgRF	CCRF	% Dev			
46 I	1,4-difluorobenzene	1.000	1.000	0.0	74	0.00	9.14
47 M	epichlorohydrin	0.034	0.035	-2.9	76	0.00	10.54
48 M	n-butyl alcohol	0.015	0.015	0.0	70	0.00	8.28
49 M	carbon tetrachloride	0.400	0.415	-3.7	73	0.00	8.37
50 M	1,1-dichloropropene	0.406	0.405	0.2	69	0.00	8.38
51 M	hexane	0.229	0.256	-11.8	90	0.00	6.31
52	Tert Amyl Alcohol		----------NA----------				
53 M	benzene	1.356	1.252	7.7	68	0.00	8.66
54 M	tert-amyl methyl ether	0.969	1.001	-3.3	80	0.00	8.75
		True	Calc.	% Drift			
55 M	heptane	50.000	63.980	-28.0#	95	0.00	8.93
		AvgRF	CCRF	% Dev			
56 M	isopropyl acetate		----------NA----------				
57 M	1,2-dichloroethane	0.467	0.508	-8.8	80	0.00	8.70
58 M	trichloroethene	0.314	0.307	2.2	70	0.00	9.48
59	Tert Amyl Ethyl Ether	0.829	0.944	-13.9	80	0.00	9.72
		True	Calc.	% Drift			
60 M	2-nitropropane	50.000	57.170	-14.3	91	0.00	10.86
		AvgRF	CCRF	% Dev			
61 M	2-chloroethyl vinyl ether	0.219	0.253	-15.5	84	0.00	10.42
		True	Calc.	% Drift			
62 M	methyl methacrylate	50.000	53.663	-7.3	74	0.00	9.87
		AvgRF	CCRF	% Dev			
63 M	1,2-dichloropropane	0.359	0.368	-2.5	71	0.00	9.76
64 M	dibromomethane	0.190	0.199	-4.7	73	0.00	9.94
65 M	methylcyclohexane	0.526	0.563	-7.0	83	0.00	9.69
66 M	bromodichloromethane	0.468	0.462	1.3	72	0.00	10.10
67 M	cis-1,3-dichloropropene	0.587	0.584	0.5	70	0.00	10.62
68 S	toluene-d8 (s)	1.205	1.176	2.4	76	0.00	10.92
69 M	4-methyl-2-pentanone	0.125	0.130	-4.0	72	0.00	10.76
70 M	toluene	0.809	0.780	3.6	68	0.00	10.99
		True	Calc.	% Drift			

5.7

Initial Calibration Verification

Job Number: JA11802
Account: CARICH C. A. Rich Consultants
Project: Via Verde, 700-730 Brook Avenue, Bronx, NY

Sample: VY3536-ICV3534
Lab FileID: Y85058.D

71 M	3-methyl-1-butanol	1000.000	1003.497	-0.3	83	0.00	10.86
		AvgRF	CCRF	% Dev			
72 M	trans-1,3-dichloropropene	0.510	0.549	-7.6	73	0.00	11.26
73 M	ethyl methacrylate	0.419	0.414	1.2	64	0.00	11.30
74 M	1,1,2-trichloroethane	0.265	0.261	1.5	71	0.00	11.47
		True	Calc.	% Drift			
75 M	2-hexanone	50.000	53.153	-6.3	73	0.00	11.72
		AvgRF	CCRF	% Dev			
76 I	chlorobenzene-d5	1.000	1.000	0.0	77	0.00	12.55
77 M	tetrachloroethene	0.282	0.270	4.3	68	0.00	11.62
78 M	1,3-dichloropropane	0.583	0.578	0.9	73	0.00	11.66
79 M	butyl acetate	0.235	0.253	-7.7	80	0.00	11.83
80 M	dibromochloromethane	0.367	0.363	1.1	72	0.00	11.93
81 M	1,2-dibromoethane	0.308	0.302	1.9	72	0.00	12.07
82 M	chlorobenzene	0.986	0.946	4.1	70	0.00	12.58
83 M	1,1,1,2-tetrachloroethane	0.350	0.351	-0.3	72	0.00	12.66
84 M	ethylbenzene	1.581	1.558	1.5	71	0.00	12.67
85 M	m,p-xylene	0.632	0.602	4.7	69	0.00	12.79
86 M	o-xylene	0.610	0.603	1.1	67	0.00	13.23
87 M	styrene	1.021	1.001	2.0	68	0.00	13.25
88 M	bromoform	0.260	0.260	0.0	73	0.00	13.50
89 I	1,4-dichlorobenzene-d4	1.000	1.000	0.0	79	0.00	14.97
90 M	isopropylbenzene	2.257	2.654	-17.6	82	0.00	13.60
91 S	4-bromofluorobenzene (s)	0.871	0.783	10.1	76	0.00	13.81
		True	Calc.	% Drift			
92 M	cyclohexanone	500.000	524.142	-4.8	86	0.00	13.77
		AvgRF	CCRF	% Dev			
93 M	bromobenzene	0.763	0.717	6.0	71	0.00	14.00
94 M	1,1,2,2-tetrachloroethane	0.822	0.807	1.8	75	0.00	13.95
95 M	trans-1,4-dichloro-2-bute	0.247	0.250	-1.2	72	0.00	14.00
96 M	1,2,3-trichloropropane	0.231	0.210	9.1	70	0.00	14.01
97 M	n-propylbenzene	3.166	3.257	-2.9	73	0.00	14.04
98	4-Ethyltoluene	2.772	3.025	-9.1	80	0.00	14.15
99 M	2-chlorotoluene	0.712	0.676	5.1	72	0.00	14.17
100 M	4-chlorotoluene	2.070	1.988	4.0	71	0.00	14.27
101 M	1,3,5-trimethylbenzene	2.418	2.305	4.7	73	0.00	14.21
102 M	tert-butylbenzene	1.983	2.005	-1.1	70	0.00	14.54
103 M	pentachloroethane	0.518	0.480	7.3	73	0.00	14.61
104 M	1,2,4-trimethylbenzene	2.373	2.408	-1.5	72	0.00	14.59
105 M	sec-butylbenzene	2.997	3.067	-2.3	73	0.00	14.75
106 M	1,3-dichlorobenzene	1.434	1.372	4.3	71	0.00	14.92
107 M	p-isopropyltoluene	2.562	2.545	0.7	69	0.00	14.87
108 M	1,4-dichlorobenzene	1.501	1.435	4.4	71	0.00	15.00
109 M	1,2-dichlorobenzene	1.416	1.367	3.5	72	0.00	15.35
110	1,4-Diethylbenzene	1.668	1.816	-8.9	81	0.00	15.24
111 M	n-butylbenzene	1.336	1.395	-4.4	74	0.00	15.26
112	1,2,4,5-Tetramethylbenzen	2.551	2.869	-12.5	80	0.00	15.93
113 M	1,2-dibromo-3-chloropropa	0.145	0.149	-2.8	76	0.00	16.04
114 M	1,2,4-trichlorobenzene	0.973	0.983	-1.0	70	0.00	16.71
		True	Calc.	% Drift			
115 M	hexachlorobutadiene	50.000	63.353	-26.7#	79	0.00	16.80

5.7

Initial Calibration Verification

Job Number: JA11802
Account: CARICH C. A. Rich Consultants
Project: Via Verde, 700-730 Brook Avenue, Bronx, NY

Sample: VY3536-ICV3534
Lab FileID: Y85058.D

		AvgRF	CCRF	% Dev			
116 M	naphthalene	2.051	2.056	-0.2	67	0.00	16.93
117 M	1,2,3-trichlorobenzene	0.924	0.892	3.5	69	0.00	17.12
118 M	hexachloroethane	0.451	0.433	4.0	68	0.00	15.57

(#) = Out of Range SPCC's out = 0 CCC's out = 0
Y85018.D MY3534.M Fri Feb 20 10:14:53 2009 VOA-CLN-03

5.7

Continuing Calibration Summary

Job Number: JA11802
Account: CARICH C. A. Rich Consultants
Project: Via Verde, 700-730 Brook Avenue, Bronx, NY

Sample: VY3539-CC3534
Lab FileID: Y85118.D

Evaluate Continuing Calibration Report

Data File : C:\msdchem\1\DATA\Y-CORE\a-vy3539\y85118.d Vial: 24
Acq On : 19 Feb 2009 8:53 pm Operator: hok
Sample : cc3534-50 Inst : MSY
Misc : MS76170,VY3539,5.0,,,,1 Multiplr: 1.00
MS Integration Params: Rteint.p

Method : C:\MSDCHEM\1\METHODS\MY3534.M (RTE Integrator)
Title : SW-846 Method 8260
Last Update : Fri Feb 20 09:33:32 2009
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	72	0.00	5.61
2 M	tertiary butyl alcohol	1.111	1.368	-23.1#	87	0.00	5.73
3	1,4-dioxane	0.077	0.082	-6.5	75	0.00	9.93
4 I	pentafluorobenzene	1.000	1.000	0.0	80	0.00	8.15
5 M	chlorotrifluoroethene		----------NA----------				
6 M	chlorodifluoromethane	0.575	0.627	-9.0	92	0.00	2.54
7 M	dichlorodifluoromethane	0.664	0.721	-8.6	86	0.00	2.51
8 M	chloromethane	1.039	1.091	-5.0	89	0.00	2.76
9 M	vinyl chloride	0.895	0.891	0.4	84	0.00	2.94
10 M	bromomethane	0.549	0.559	-1.8	86	0.00	3.44
11 M	chloroethane	0.495	0.529	-6.9	87	-0.01	3.56
12 M	trichlorofluoromethane	0.938	1.050	-11.9	93	0.00	4.00
13 M	ethyl ether	0.429	0.424	1.2	78	0.00	4.37
14 M	acrolein	0.031	0.036	-16.1	89	0.00	4.63
15 M	1,1-dichloroethene	0.409	0.390	4.6	72	0.00	4.76
16 M	acetone	0.044	0.048	-9.1	83	-0.02	4.87
17 M	allyl chloride	0.302	0.300	0.7	73	0.00	5.33
18 M	acetonitrile	0.040	0.047	-17.5	93	0.00	5.35
19 M	iodomethane	0.797	0.740	7.2	71	0.00	5.03
	----------	True	Calc.	% Drift	----------		
20 M	iso-butyl alcohol	500.000	517.815	-3.6	99	0.00	8.55
	----------	AvgRF	CCRF	% Dev	----------		
21 M	carbon disulfide	1.535	1.462	4.8	72	0.00	5.14
22 M	methylene chloride	0.629	0.552	12.2	70	0.00	5.55
23 M	methyl acetate	0.443	0.572	-29.1#	113	0.00	5.38
24 M	methyl tert butyl ether	1.540	1.520	1.3	75	0.01	5.93
25 M	trans-1,2-dichloroethene	0.468	0.457	2.4	73	0.00	5.95
26 M	di-isopropyl ether	1.811	2.043	-12.8	92	0.00	6.63
	----------	True	Calc.	% Drift	----------		
27 M	2-butanone	50.000	53.924	-7.8	93	0.00	7.52
	----------	AvgRF	CCRF	% Dev	----------		
28 M	1,1-dichloroethane	0.965	1.019	-5.6	80	0.00	6.60
29 M	chloroprene	0.723	0.823	-13.8	94	0.00	6.72
30 M	acrylonitrile	0.177	0.211	-19.2	83	0.00	5.94
31 M	vinyl acetate		----------NA----------				
32 M	ethyl tert-butyl ether	1.549	1.719	-11.0	89	0.00	7.17
33 M	ethyl acetate	0.079	0.100	-26.6#	100	0.00	7.54

Continuing Calibration Summary

Job Number: JA11802
Account: CARICH C. A. Rich Consultants
Project: Via Verde, 700-730 Brook Avenue, Bronx, NY

Sample: VY3539-CC3534
Lab FileID: Y85118.D

34	M	2,2-dichloropropane	0.712	0.729	-2.4	82	0.00	7.43
35	M	cis-1,2-dichloroethene	0.559	0.547	2.1	75	0.00	7.46
36	M	propionitrile	0.075	0.083	-10.7	80	0.00	7.58
37	M	bromochloromethane	0.268	0.267	0.4	76	0.01	7.81
38	M	tetrahydrofuran	0.169	0.187	-10.7	81	0.00	7.87
39	M	chloroform	0.876	0.940	-7.3	82	0.00	7.91
40	S	dibromofluoromethane (s)	0.482	0.460	4.6	82	0.00	8.14
41	S	1,2-dichloroethane-d4 (s)	0.616	0.637	-3.4	89	0.00	8.60
42	M	freon 113	0.347	0.299	13.8	74	0.00	4.82
			True	Calc.	% Drift			
43	M	methacrylonitrile	50.000	53.426	-6.9	93	0.00	7.79
			AvgRF	CCRF	% Dev			
44	M	1,1,1-trichloroethane	0.722	0.762	-5.5	80	0.00	8.15
			True	Calc.	% Drift			
45	M	Cyclohexane	50.000	51.131	-2.3	73	0.00	8.21
			AvgRF	CCRF	% Dev			
46	I	1,4-difluorobenzene	1.000	1.000	0.0	81	0.00	9.14
47	M	epichlorohydrin	0.034	0.036	-5.9	85	0.00	10.53
48	M	n-butyl alcohol	0.015	0.015	0.0	78	0.00	8.28
49	M	carbon tetrachloride	0.400	0.425	-6.2	81	0.00	8.38
50	M	1,1-dichloropropene	0.406	0.429	-5.7	79	0.00	8.38
51	M	hexane	0.229	0.258	-12.7	99	0.00	6.31
52		Tert Amyl Alcohol		----------NA----------				
53	M	benzene	1.356	1.315	3.0	77	0.00	8.66
54	M	tert-amyl methyl ether	0.969	1.015	-4.7	88	0.00	8.75
			True	Calc.	% Drift			
55	M	heptane	50.000	66.265	-32.5#	106	0.00	8.92
			AvgRF	CCRF	% Dev			
56	M	isopropyl acetate		----------NA----------				
57	M	1,2-dichloroethane	0.467	0.536	-14.8	92	0.00	8.70
58	M	trichloroethene	0.314	0.315	-0.3	78	0.00	9.49
59		Tert Amyl Ethyl Ether	0.829	0.027	96.7#	2#	0.16	9.87
			True	Calc.	% Drift			
60	M	2-nitropropane	50.000	58.464	-16.9	101	0.00	10.85
			AvgRF	CCRF	% Dev			
61	M	2-chloroethyl vinyl ether	0.219	0.260	-18.7	94	0.00	10.42
			True	Calc.	% Drift			
62	M	methyl methacrylate	50.000	54.563	-9.1	82	0.00	9.87
			AvgRF	CCRF	% Dev			
63	M	1,2-dichloropropane	0.359	0.384	-7.0	81	0.00	9.76
64	M	dibromomethane	0.190	0.213	-12.1	85	0.00	9.94
65	M	methylcyclohexane	0.526	0.560	-6.5	90	0.00	9.69
66	M	bromodichloromethane	0.468	0.511	-9.2	86	0.00	10.10
67	M	cis-1,3-dichloropropene	0.587	0.624	-6.3	81	0.00	10.62
68	S	toluene-d8 (s)	1.205	1.176	2.4	82	0.00	10.92
69	M	4-methyl-2-pentanone	0.125	0.137	-9.6	83	0.00	10.77
70	M	toluene	0.809	0.819	-1.2	78	0.00	10.99
			True	Calc.	% Drift			

Continuing Calibration Summary

Job Number: JA11802
Account: CARICH C. A. Rich Consultants
Project: Via Verde, 700-730 Brook Avenue, Bronx, NY

Sample: VY3539-CC3534
Lab FileID: Y85118.D

71	M	3-methyl-1-butanol	1000.000	1057.529	-5.8	96	0.00	10.85
			AvgRF	CCRF	% Dev			
72	M	trans-1,3-dichloropropene	0.510	0.581	-13.9	84	0.00	11.26
73	M	ethyl methacrylate	0.419	0.488	-16.5	81	0.00	11.30
74	M	1,1,2-trichloroethane	0.265	0.277	-4.5	82	0.00	11.47
			True	Calc.	% Drift			
75	M	2-hexanone	50.000	50.489	-1.0	76	0.00	11.72
			AvgRF	CCRF	% Dev			
76	I	chlorobenzene-d5	1.000	1.000	0.0	83	0.00	12.55
77	M	tetrachloroethene	0.282	0.274	2.8	75	0.00	11.62
78	M	1,3-dichloropropane	0.583	0.612	-5.0	84	0.00	11.66
79	M	butyl acetate	0.235	0.280	-19.1	96	0.00	11.82
80	M	dibromochloromethane	0.367	0.395	-7.6	85	0.00	11.93
81	M	1,2-dibromoethane	0.308	0.321	-4.2	83	0.00	12.07
82	M	chlorobenzene	0.986	0.977	0.9	78	0.00	12.58
83	M	1,1,1,2-tetrachloroethane	0.350	0.357	-2.0	80	0.00	12.66
84	M	ethylbenzene	1.581	1.601	-1.3	79	0.00	12.67
85	M	m,p-xylene	0.632	0.628	0.6	78	0.00	12.79
86	M	o-xylene	0.610	0.639	-4.8	77	0.00	13.23
87	M	styrene	1.021	1.054	-3.2	77	0.00	13.25
88	M	bromoform	0.260	0.261	-0.4	80	0.00	13.50
89	I	1,4-dichlorobenzene-d4	1.000	1.000	0.0	83	0.00	14.97
90	M	isopropylbenzene	2.257	2.396	-6.2	77	0.00	13.60
91	S	4-bromofluorobenzene (s)	0.871	0.797	8.5	80	0.00	13.81
			True	Calc.	% Drift			
92	M	cyclohexanone	500.000	636.287	-27.3#	110	0.00	13.77
			AvgRF	CCRF	% Dev			
93	M	bromobenzene	0.763	0.744	2.5	77	0.00	14.00
94	M	1,1,2,2-tetrachloroethane	0.822	0.825	-0.4	80	0.00	13.95
95	M	trans-1,4-dichloro-2-bute	0.247	0.275	-11.3	83	0.00	14.00
96	M	1,2,3-trichloropropane	0.231	0.238	-3.0	83	0.00	14.01
97	M	n-propylbenzene	3.166	3.322	-4.9	78	0.00	14.04
98		4-Ethyltoluene		----------NA----------				
99	M	2-chlorotoluene	0.712	0.700	1.7	78	0.00	14.17
100	M	4-chlorotoluene	2.070	2.102	-1.5	79	0.00	14.28
101	M	1,3,5-trimethylbenzene	2.418	2.366	2.2	78	0.00	14.21
102	M	tert-butylbenzene	1.983	2.095	-5.6	77	0.00	14.54
103	M	pentachloroethane	0.518	0.502	3.1	80	0.00	14.61
104	M	1,2,4-trimethylbenzene	2.373	2.483	-4.6	78	0.00	14.59
105	M	sec-butylbenzene	2.997	3.153	-5.2	78	0.00	14.75
106	M	1,3-dichlorobenzene	1.434	1.421	0.9	77	0.00	14.92
107	M	p-isopropyltoluene	2.562	2.699	-5.3	76	0.00	14.87
108	M	1,4-dichlorobenzene	1.501	1.468	2.2	75	0.00	15.00
109	M	1,2-dichlorobenzene	1.416	1.427	-0.8	78	0.00	15.36
110		1,4-Diethylbenzene		----------NA----------				
111	M	n-butylbenzene	1.336	1.370	-2.5	76	0.00	15.27
112		1,2,4,5-Tetramethylbenzen		----------NA----------				
113	M	1,2-dibromo-3-chloropropa	0.145	0.159	-9.7	85	0.00	16.05
114	M	1,2,4-trichlorobenzene	0.973	0.945	2.9	70	0.00	16.71
			True	Calc.	% Drift			
115	M	hexachlorobutadiene	50.000	59.732	-19.5	78	0.00	16.80

5.7

Continuing Calibration Summary

Job Number: JA11802
Account: CARICH C. A. Rich Consultants
Project: Via Verde, 700-730 Brook Avenue, Bronx, NY

Sample: VY3539-CC3534
Lab FileID: Y85118.D

		AvgRF	CCRF	% Dev			
116 M	naphthalene	2.051	2.015	1.8	68	0.00	16.93
117 M	1,2,3-trichlorobenzene	0.924	0.880	4.8	71	0.00	17.12
118 M	hexachloroethane	0.451	0.475	-5.3	78	0.00	15.58

(#) = Out of Range SPCC's out = 0 CCC's out = 0
Y85018.D MY3534.M Fri Feb 20 11:05:14 2009 VOA-CLN-03

5.7

Volatile Internal Standard Area Summary

Job Number: JA11802
Account: CARICH C. A. Rich Consultants
Project: Via Verde, 700-730 Brook Avenue, Bronx, NY

Check Std:	V3B1993-CC1965	Injection Date:	02/20/09
Lab File ID:	3B43205.D	Injection Time:	09:12
Instrument ID:	GCMS3B	Method:	SW846 8260B

	IS 1 AREA	RT	IS 2 AREA	RT	IS 3 AREA	RT	IS 4 AREA	RT	IS 5 AREA	RT
Check Std	289565	8.31	476809	10.76	671358	11.73	632111	15.07	387632	17.57
Upper Limit [a]	579130	8.81	953618	11.26	1342716	12.23	1264222	15.57	775264	18.07
Lower Limit [b]	144783	7.81	238405	10.26	335679	11.23	316056	14.57	193816	17.07
Lab Sample ID	IS 1 AREA	RT	IS 2 AREA	RT	IS 3 AREA	RT	IS 4 AREA	RT	IS 5 AREA	RT
V3B1993-MB	299291	8.32	511840	10.76	697302	11.73	653498	15.08	415554	17.57
V3B1993-BS	263097	8.32	467365	10.76	672929	11.73	637930	15.07	386096	17.57
JA12450-1	281113	8.31	493834	10.76	678862	11.73	637948	15.07	400649	17.57
ZZZZZZ	277114	8.31	483187	10.76	666924	11.73	627990	15.07	396427	17.57
ZZZZZZ	273853	8.31	472375	10.76	648619	11.73	609643	15.07	382781	17.57
ZZZZZZ	263895	8.31	449445	10.76	625271	11.73	586943	15.07	368895	17.57
ZZZZZZ	258806	8.32	441892	10.76	612589	11.73	576896	15.07	362391	17.57
JA12450-1MS	238072	8.32	406115	10.76	589696	11.73	567683	15.07	349804	17.57
JA12450-1MSD	254628	8.31	433948	10.76	634592	11.73	603110	15.07	367093	17.57
ZZZZZZ	283937	8.31	472783	10.76	652061	11.73	614071	15.07	388520	17.57
JA11802-10	267641	8.32	456489	10.76	627489	11.73	594634	15.07	369434	17.57
ZZZZZZ	259900	8.31	426283	10.76	595183	11.73	558283	15.07	356083	17.57

IS 1 = Tert Butyl Alcohol-D9
IS 2 = Pentafluorobenzene
IS 3 = 1,4-Difluorobenzene
IS 4 = Chlorobenzene-D5
IS 5 = 1,4-Dichlorobenzene-d4

(a) Upper Limit = +100% of check standard area; Retention time +0.5 minutes.
(b) Lower Limit = -50% of check standard area; Retention time -0.5 minutes.

Volatile Internal Standard Area Summary

Job Number: JA11802
Account: CARICH C. A. Rich Consultants
Project: Via Verde, 700-730 Brook Avenue, Bronx, NY

Check Std:	VG5659-CC5644	Injection Date:	02/20/09
Lab File ID:	G118124.D	Injection Time:	10:08
Instrument ID:	GCMSG	Method:	SW846 8260B

	IS 1 AREA	RT	IS 2 AREA	RT	IS 3 AREA	RT	IS 4 AREA	RT	IS 5 AREA	RT
Check Std	63280	5.77	252837	9.45	266004	11.43	197347	17.64	118963	22.09
Upper Limit [a]	126560	6.27	505674	9.95	532008	11.93	394694	18.14	237926	22.59
Lower Limit [b]	31640	5.27	126419	8.95	133002	10.93	98674	17.14	59482	21.59
Lab Sample ID	IS 1 AREA	RT	IS 2 AREA	RT	IS 3 AREA	RT	IS 4 AREA	RT	IS 5 AREA	RT
VG5659-MB1	68623	5.80	247949	9.48	256667	11.46	194083	17.66	103307	22.11
ZZZZZZ	72288	5.78	233798	9.48	243466	11.46	184661	17.65	92928	22.10
VG5659-BS	53834	5.79	229810	9.48	246365	11.46	191285	17.66	109261	22.10
ZZZZZZ	59844	5.78	243244	9.46	251467	11.45	189923	17.65	101578	22.10
JA12475-2	60570	5.79	237578	9.47	247593	11.46	189469	17.66	98231	22.10
ZZZZZZ	58810	5.77	236456	9.46	242125	11.45	181545	17.66	98184	22.10
ZZZZZZ	58385	5.79	223945	9.48	232403	11.45	179920	17.65	95443	22.10
ZZZZZZ	60583	5.77	221031	9.47	230125	11.45	175558	17.66	92787	22.10
ZZZZZZ	55541	5.77	217565	9.45	225594	11.45	171110	17.65	85904	22.09
JA11802-6	58512	5.77	217035	9.45	222269	11.44	171736	17.65	88967	22.10
JA11802-7	53553	5.78	210242	9.47	215238	11.45	165683	17.66	86980	22.10
JA12475-2MS	47864	5.78	199715	9.47	208041	11.45	165915	17.65	93214	22.09
JA12475-2MSD	52033	5.78	211823	9.47	223046	11.45	170585	17.65	96342	22.10
ZZZZZZ	56908	5.77	218110	9.46	225806	11.46	173008	17.65	89988	22.09
ZZZZZZ	49658	5.77	213199	9.47	218679	11.45	167391	17.65	84287	22.10
ZZZZZZ	55538	5.79	208618	9.47	214639	11.44	167341	17.65	85965	22.09

IS 1 = Tert Butyl Alcohol-D9
IS 2 = Pentafluorobenzene
IS 3 = 1,4-Difluorobenzene
IS 4 = Chlorobenzene-D5
IS 5 = 1,4-Dichlorobenzene-d4

(a) Upper Limit = +100% of check standard area; Retention time +0.5 minutes.
(b) Lower Limit = -50% of check standard area; Retention time -0.5 minutes.

Volatile Internal Standard Area Summary

Job Number: JA11802
Account: CARICH C. A. Rich Consultants
Project: Via Verde, 700-730 Brook Avenue, Bronx, NY

Check Std:	VY3539-CC3534	Injection Date:	02/19/09
Lab File ID:	Y85118.D	Injection Time:	20:53
Instrument ID:	GCMSY	Method:	SW846 8260B

	IS 1 AREA	RT	IS 2 AREA	RT	IS 3 AREA	RT	IS 4 AREA	RT	IS 5 AREA	RT
Check Std	79677	5.61	160834	8.15	255052	9.14	249323	12.55	142771	14.97
Upper Limit [a]	159354	6.11	321668	8.65	510104	9.64	498646	13.05	285542	15.47
Lower Limit [b]	39839	5.11	80417	7.65	127526	8.64	124662	12.05	71386	14.47
Lab Sample ID	IS 1 AREA	RT	IS 2 AREA	RT	IS 3 AREA	RT	IS 4 AREA	RT	IS 5 AREA	RT
VY3539-MB1	74990	5.62	142947	8.16	233133	9.15	216423	12.56	108972	14.98
VY3539-BS	82848	5.60	158530	8.15	253873	9.14	246441	12.55	141326	14.97
JA11802-1MS	105822	5.60	177679	8.15	286892	9.14	270660	12.55	146131	14.97
JA11802-1MSD	112101	5.60	180385	8.15	289011	9.14	275954	12.55	149515	14.97
JA11802-1	109435	5.61	158889	8.16	263450	9.15	243834	12.56	121036	14.98
JA11802-2	90306	5.62	149419	8.16	252304	9.15	231712	12.56	117053	14.98
JA11802-3	74566	5.62	143497	8.16	243560	9.15	220371	12.56	108290	14.98
JA11802-4	80199	5.61	133838	8.16	229024	9.15	217804	12.56	106784	14.98
JA11802-5	70666	5.61	131934	8.16	224760	9.15	207864	12.56	99415	14.98
ZZZZZZ	68351	5.61	118964	8.16	210226	9.15	203630	12.56	104217	14.98
ZZZZZZ	70239	5.62	114376	8.16	203923	9.15	195015	12.56	118175	14.97
ZZZZZZ	69095	5.61	140936	8.16	231528	9.15	235191	12.55	135824	14.97
ZZZZZZ	118613	5.61	176397	8.16	293424	9.15	274159	12.56	145471	14.98
ZZZZZZ	86124	5.62	167736	8.16	285363	9.15	266886	12.56	135936	14.98
ZZZZZZ	85300	5.62	157045	8.16	262429	9.15	242106	12.56	122638	14.98

IS 1 = Tert Butyl Alcohol-D9
IS 2 = Pentafluorobenzene
IS 3 = 1,4-Difluorobenzene
IS 4 = Chlorobenzene-D5
IS 5 = 1,4-Dichlorobenzene-d4

(a) Upper Limit = +100% of check standard area; Retention time +0.5 minutes.
(b) Lower Limit = -50% of check standard area; Retention time -0.5 minutes.

Raw Data: Z46785.D

Method Blank Summary

Job Number: JA11802
Account: CARICH C. A. Rich Consultants
Project: Via Verde, 700-730 Brook Avenue, Bronx, NY

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP36854-MB1	Z46785.D	1	02/11/09	VN	02/11/09	OP36854	EZ1679

The QC reported here applies to the following samples: Method: SW846 8270C

JA11802-10

CAS No.	Compound	Result	RL	MDL	Units	Q
95-57-8	2-Chlorophenol	ND	5.0	1.5	ug/l	
59-50-7	4-Chloro-3-methyl phenol	ND	5.0	2.3	ug/l	
120-83-2	2,4-Dichlorophenol	ND	5.0	1.9	ug/l	
105-67-9	2,4-Dimethylphenol	ND	5.0	2.0	ug/l	
51-28-5	2,4-Dinitrophenol	ND	20	4.2	ug/l	
534-52-1	4,6-Dinitro-o-cresol	ND	20	1.2	ug/l	
95-48-7	2-Methylphenol	ND	2.0	1.4	ug/l	
	3&4-Methylphenol	ND	2.0	1.5	ug/l	
88-75-5	2-Nitrophenol	ND	5.0	1.9	ug/l	
100-02-7	4-Nitrophenol	ND	10	2.3	ug/l	
87-86-5	Pentachlorophenol	ND	10	1.2	ug/l	
108-95-2	Phenol	ND	2.0	1.4	ug/l	
95-95-4	2,4,5-Trichlorophenol	ND	5.0	2.0	ug/l	
88-06-2	2,4,6-Trichlorophenol	ND	5.0	1.6	ug/l	
83-32-9	Acenaphthene	ND	1.0	0.38	ug/l	
208-96-8	Acenaphthylene	ND	1.0	0.54	ug/l	
98-86-2	Acetophenone	ND	5.0	0.47	ug/l	
120-12-7	Anthracene	ND	1.0	0.42	ug/l	
1912-24-9	Atrazine	ND	5.0	0.62	ug/l	
100-52-7	Benzaldehyde	ND	5.0	1.6	ug/l	
56-55-3	Benzo(a)anthracene	ND	1.0	0.38	ug/l	
50-32-8	Benzo(a)pyrene	ND	1.0	0.48	ug/l	
205-99-2	Benzo(b)fluoranthene	ND	1.0	0.53	ug/l	
191-24-2	Benzo(g,h,i)perylene	ND	1.0	0.46	ug/l	
207-08-9	Benzo(k)fluoranthene	ND	1.0	0.57	ug/l	
101-55-3	4-Bromophenyl phenyl ether	ND	2.0	0.41	ug/l	
85-68-7	Butyl benzyl phthalate	ND	2.0	0.42	ug/l	
92-52-4	1,1'-Biphenyl	ND	2.0	0.55	ug/l	
91-58-7	2-Chloronaphthalene	ND	5.0	0.48	ug/l	
106-47-8	4-Chloroaniline	ND	5.0	0.33	ug/l	
86-74-8	Carbazole	ND	2.0	0.45	ug/l	
105-60-2	Caprolactam	ND	2.0	0.63	ug/l	
218-01-9	Chrysene	ND	1.0	0.44	ug/l	
111-91-1	bis(2-Chloroethoxy)methane	ND	2.0	0.52	ug/l	
111-44-4	bis(2-Chloroethyl)ether	ND	2.0	0.49	ug/l	
108-60-1	bis(2-Chloroisopropyl)ether	ND	2.0	0.54	ug/l	

Method Blank Summary

Job Number: JA11802
Account: CARICH C. A. Rich Consultants
Project: Via Verde, 700-730 Brook Avenue, Bronx, NY

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP36854-MB1	Z46785.D	1	02/11/09	VN	02/11/09	OP36854	EZ1679

The QC reported here applies to the following samples: Method: SW846 8270C

JA11802-10

CAS No.	Compound	Result	RL	MDL	Units	Q
7005-72-3	4-Chlorophenyl phenyl ether	ND	2.0	0.45	ug/l	
121-14-2	2,4-Dinitrotoluene	ND	2.0	0.45	ug/l	
606-20-2	2,6-Dinitrotoluene	ND	2.0	0.60	ug/l	
91-94-1	3,3'-Dichlorobenzidine	ND	5.0	4.6	ug/l	
53-70-3	Dibenzo(a,h)anthracene	ND	1.0	0.45	ug/l	
132-64-9	Dibenzofuran	ND	5.0	0.49	ug/l	
84-74-2	Di-n-butyl phthalate	ND	2.0	0.50	ug/l	
117-84-0	Di-n-octyl phthalate	ND	2.0	0.50	ug/l	
84-66-2	Diethyl phthalate	ND	2.0	0.36	ug/l	
131-11-3	Dimethyl phthalate	ND	2.0	0.36	ug/l	
117-81-7	bis(2-Ethylhexyl)phthalate	ND	2.0	0.75	ug/l	
206-44-0	Fluoranthene	ND	1.0	0.40	ug/l	
86-73-7	Fluorene	ND	1.0	0.40	ug/l	
118-74-1	Hexachlorobenzene	ND	2.0	0.45	ug/l	
87-68-3	Hexachlorobutadiene	ND	1.0	0.38	ug/l	
77-47-4	Hexachlorocyclopentadiene	ND	20	4.5	ug/l	
67-72-1	Hexachloroethane	ND	5.0	0.30	ug/l	
193-39-5	Indeno(1,2,3-cd)pyrene	ND	1.0	0.42	ug/l	
78-59-1	Isophorone	ND	2.0	0.69	ug/l	
91-57-6	2-Methylnaphthalene	ND	2.0	0.43	ug/l	
88-74-4	2-Nitroaniline	ND	5.0	0.45	ug/l	
99-09-2	3-Nitroaniline	ND	5.0	0.45	ug/l	
100-01-6	4-Nitroaniline	ND	5.0	0.45	ug/l	
91-20-3	Naphthalene	ND	1.0	0.32	ug/l	
98-95-3	Nitrobenzene	ND	2.0	0.66	ug/l	
621-64-7	N-Nitroso-di-n-propylamine	ND	2.0	0.39	ug/l	
86-30-6	N-Nitrosodiphenylamine	ND	5.0	0.61	ug/l	
85-01-8	Phenanthrene	ND	1.0	0.34	ug/l	
129-00-0	Pyrene	ND	1.0	0.48	ug/l	

CAS No.	Surrogate Recoveries		Limits
367-12-4	2-Fluorophenol	41%	10-69%
4165-62-2	Phenol-d5	29%	10-52%
118-79-6	2,4,6-Tribromophenol	85%	32-134%

Method Blank Summary

Job Number: JA11802
Account: CARICH C. A. Rich Consultants
Project: Via Verde, 700-730 Brook Avenue, Bronx, NY

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP36854-MB1	Z46785.D	1	02/11/09	VN	02/11/09	OP36854	EZ1679

The QC reported here applies to the following samples: Method: SW846 8270C

JA11802-10

CAS No.	Surrogate Recoveries		Limits
4165-60-0	Nitrobenzene-d5	82%	23-116%
321-60-8	2-Fluorobiphenyl	70%	28-109%
1718-51-0	Terphenyl-d14	81%	24-125%

CAS No.	Tentatively Identified Compounds	R.T.	Est. Conc.	Units	Q
	system artifact/aldol-condensation	2.32	22	ug/l	J
	system artifact	15.59	9.5	ug/l	J
	system artifact	16.08	12	ug/l	J
	system artifact	16.59	8.6	ug/l	J
	system artifact	17.18	5.3	ug/l	J
	Total TIC, Semi-Volatile		0	ug/l	

Raw Data: M63195.D

Method Blank Summary

Job Number: JA11802
Account: CARICH C. A. Rich Consultants
Project: Via Verde, 700-730 Brook Avenue, Bronx, NY

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP36857-MB1	M63195.D	1	02/24/09	LP	02/11/09	OP36857	EM2282

The QC reported here applies to the following samples: Method: SW846 8270C

JA11802-1, JA11802-2, JA11802-3, JA11802-4, JA11802-5, JA11802-6, JA11802-7

CAS No.	Compound	Result	RL	MDL	Units	Q
95-57-8	2-Chlorophenol	ND	170	28	ug/kg	
59-50-7	4-Chloro-3-methyl phenol	ND	170	40	ug/kg	
120-83-2	2,4-Dichlorophenol	ND	170	35	ug/kg	
105-67-9	2,4-Dimethylphenol	ND	170	41	ug/kg	
51-28-5	2,4-Dinitrophenol	ND	670	360	ug/kg	
534-52-1	4,6-Dinitro-o-cresol	ND	670	35	ug/kg	
95-48-7	2-Methylphenol	ND	67	36	ug/kg	
	3&4-Methylphenol	ND	67	45	ug/kg	
88-75-5	2-Nitrophenol	ND	170	35	ug/kg	
100-02-7	4-Nitrophenol	ND	330	43	ug/kg	
87-86-5	Pentachlorophenol	ND	330	43	ug/kg	
108-95-2	Phenol	ND	67	25	ug/kg	
95-95-4	2,4,5-Trichlorophenol	ND	170	36	ug/kg	
88-06-2	2,4,6-Trichlorophenol	ND	170	44	ug/kg	
83-32-9	Acenaphthene	ND	33	18	ug/kg	
208-96-8	Acenaphthylene	ND	33	14	ug/kg	
98-86-2	Acetophenone	ND	170	16	ug/kg	
120-12-7	Anthracene	ND	33	15	ug/kg	
1912-24-9	Atrazine	ND	170	21	ug/kg	
56-55-3	Benzo(a)anthracene	ND	33	20	ug/kg	
50-32-8	Benzo(a)pyrene	ND	33	14	ug/kg	
205-99-2	Benzo(b)fluoranthene	ND	33	18	ug/kg	
191-24-2	Benzo(g,h,i)perylene	ND	33	16	ug/kg	
207-08-9	Benzo(k)fluoranthene	ND	33	17	ug/kg	
101-55-3	4-Bromophenyl phenyl ether	ND	67	18	ug/kg	
85-68-7	Butyl benzyl phthalate	ND	67	17	ug/kg	
92-52-4	1,1'-Biphenyl	ND	67	17	ug/kg	
100-52-7	Benzaldehyde	ND	170	97	ug/kg	
91-58-7	2-Chloronaphthalene	ND	67	15	ug/kg	
106-47-8	4-Chloroaniline	ND	170	14	ug/kg	
86-74-8	Carbazole	ND	67	14	ug/kg	
105-60-2	Caprolactam	ND	67	27	ug/kg	
218-01-9	Chrysene	ND	33	15	ug/kg	
111-91-1	bis(2-Chloroethoxy)methane	ND	67	17	ug/kg	
111-44-4	bis(2-Chloroethyl)ether	ND	67	16	ug/kg	
108-60-1	bis(2-Chloroisopropyl)ether	ND	67	17	ug/kg	

Method Blank Summary

Job Number: JA11802
Account: CARICH C. A. Rich Consultants
Project: Via Verde, 700-730 Brook Avenue, Bronx, NY

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP36857-MB1	M63195.D	1	02/24/09	LP	02/11/09	OP36857	EM2282

The QC reported here applies to the following samples: Method: SW846 8270C

JA11802-1, JA11802-2, JA11802-3, JA11802-4, JA11802-5, JA11802-6, JA11802-7

CAS No.	Compound	Result	RL	MDL	Units	Q
7005-72-3	4-Chlorophenyl phenyl ether	ND	67	22	ug/kg	
121-14-2	2,4-Dinitrotoluene	ND	67	18	ug/kg	
606-20-2	2,6-Dinitrotoluene	ND	67	15	ug/kg	
91-94-1	3,3'-Dichlorobenzidine	ND	170	58	ug/kg	
53-70-3	Dibenzo(a,h)anthracene	ND	33	16	ug/kg	
132-64-9	Dibenzofuran	ND	67	16	ug/kg	
84-74-2	Di-n-butyl phthalate	ND	67	21	ug/kg	
117-84-0	Di-n-octyl phthalate	ND	67	15	ug/kg	
84-66-2	Diethyl phthalate	ND	67	15	ug/kg	
131-11-3	Dimethyl phthalate	ND	67	16	ug/kg	
117-81-7	bis(2-Ethylhexyl)phthalate	ND	67	17	ug/kg	
206-44-0	Fluoranthene	ND	33	15	ug/kg	
86-73-7	Fluorene	ND	33	16	ug/kg	
118-74-1	Hexachlorobenzene	ND	67	19	ug/kg	
87-68-3	Hexachlorobutadiene	ND	33	16	ug/kg	
77-47-4	Hexachlorocyclopentadiene	ND	670	31	ug/kg	
67-72-1	Hexachloroethane	ND	170	22	ug/kg	
193-39-5	Indeno(1,2,3-cd)pyrene	ND	33	12	ug/kg	
78-59-1	Isophorone	ND	67	29	ug/kg	
91-57-6	2-Methylnaphthalene	ND	67	15	ug/kg	
88-74-4	2-Nitroaniline	ND	170	24	ug/kg	
99-09-2	3-Nitroaniline	ND	170	13	ug/kg	
100-01-6	4-Nitroaniline	ND	170	21	ug/kg	
91-20-3	Naphthalene	ND	33	14	ug/kg	
98-95-3	Nitrobenzene	ND	67	15	ug/kg	
621-64-7	N-Nitroso-di-n-propylamine	ND	67	21	ug/kg	
86-30-6	N-Nitrosodiphenylamine	ND	170	22	ug/kg	
85-01-8	Phenanthrene	ND	33	16	ug/kg	
129-00-0	Pyrene	ND	33	15	ug/kg	

CAS No.	Surrogate Recoveries		Limits
367-12-4	2-Fluorophenol	56%	29-114%
4165-62-2	Phenol-d5	68%	31-111%
118-79-6	2,4,6-Tribromophenol	38%	27-133%

Method Blank Summary

Job Number: JA11802
Account: CARICH C. A. Rich Consultants
Project: Via Verde, 700-730 Brook Avenue, Bronx, NY

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP36857-MB1	M63195.D	1	02/24/09	LP	02/11/09	OP36857	EM2282

The QC reported here applies to the following samples: Method: SW846 8270C

JA11802-1, JA11802-2, JA11802-3, JA11802-4, JA11802-5, JA11802-6, JA11802-7

CAS No.	Surrogate Recoveries		Limits
4165-60-0	Nitrobenzene-d5	91%	36-116%
321-60-8	2-Fluorobiphenyl	97%	44-111%
1718-51-0	Terphenyl-d14	83%	37-131%

CAS No.	Tentatively Identified Compounds	R.T.	Est. Conc.	Units	Q
	system artifact	2.90	1300	ug/kg	J
	system artifact	3.02	220	ug/kg	J
	system artifact	4.16	260	ug/kg	J
	Total TIC, Semi-Volatile		0	ug/kg	

7.1

Raw Data: M62889.D

Blank Spike Summary

Job Number: JA11802
Account: CARICH C. A. Rich Consultants
Project: Via Verde, 700-730 Brook Avenue, Bronx, NY

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP36857-BS1	M62889.D	1	02/11/09	KLS	02/11/09	OP36857	EM2264

The QC reported here applies to the following samples: Method: SW846 8270C

JA11802-1, JA11802-2, JA11802-3, JA11802-4, JA11802-5, JA11802-6, JA11802-7

CAS No.	Compound	Spike ug/kg	BSP ug/kg	BSP %	Limits
95-57-8	2-Chlorophenol	1670	1320	79	58-101
59-50-7	4-Chloro-3-methyl phenol	1670	1420	85	60-112
120-83-2	2,4-Dichlorophenol	1670	1370	82	58-108
105-67-9	2,4-Dimethylphenol	1670	1500	90	57-114
51-28-5	2,4-Dinitrophenol	3330	2050	62	17-138
534-52-1	4,6-Dinitro-o-cresol	1670	1170	70	38-115
95-48-7	2-Methylphenol	1670	1300	78	55-104
	3&4-Methylphenol	1670	1240	74	55-105
88-75-5	2-Nitrophenol	1670	1360	82	54-109
100-02-7	4-Nitrophenol	1670	1290	77	25-141
87-86-5	Pentachlorophenol	1670	1030	62	34-115
108-95-2	Phenol	1670	1240	74	53-104
95-95-4	2,4,5-Trichlorophenol	1670	1440	86	60-110
88-06-2	2,4,6-Trichlorophenol	1670	1350	81	60-108
83-32-9	Acenaphthene	1670	1420	85	58-104
208-96-8	Acenaphthylene	1670	1270	76	54-97
98-86-2	Acetophenone	1670	1320	79	53-107
120-12-7	Anthracene	1670	1390	83	62-113
1912-24-9	Atrazine	1670	1520	91	49-130
56-55-3	Benzo(a)anthracene	1670	1390	83	56-110
50-32-8	Benzo(a)pyrene	1670	1470	88	58-111
205-99-2	Benzo(b)fluoranthene	1670	1790	107	53-116
191-24-2	Benzo(g,h,i)perylene	1670	1510	91	51-116
207-08-9	Benzo(k)fluoranthene	1670	1230	74	53-116
101-55-3	4-Bromophenyl phenyl ether	1670	1410	85	63-110
85-68-7	Butyl benzyl phthalate	1670	1560	94	56-119
92-52-4	1,1'-Biphenyl	1670	1470	88	60-104
100-52-7	Benzaldehyde	1670	1330	80	9-82
91-58-7	2-Chloronaphthalene	1670	1440	86	59-104
106-47-8	4-Chloroaniline	1670	560	34	27-80
86-74-8	Carbazole	1670	1350	81	63-110
105-60-2	Caprolactam	1670	1260	76	46-127
218-01-9	Chrysene	1670	1410	85	57-109
111-91-1	bis(2-Chloroethoxy)methane	1670	1360	82	57-110
111-44-4	bis(2-Chloroethyl)ether	1670	1250	75	43-118
108-60-1	bis(2-Chloroisopropyl)ether	1670	1330	80	54-102

Blank Spike Summary

Job Number: JA11802
Account: CARICH C. A. Rich Consultants
Project: Via Verde, 700-730 Brook Avenue, Bronx, NY

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP36857-BS1	M62889.D	1	02/11/09	KLS	02/11/09	OP36857	EM2264

The QC reported here applies to the following samples: Method: SW846 8270C

JA11802-1, JA11802-2, JA11802-3, JA11802-4, JA11802-5, JA11802-6, JA11802-7

CAS No.	Compound	Spike ug/kg	BSP ug/kg	BSP %	Limits
7005-72-3	4-Chlorophenyl phenyl ether	1670	1390	83	61-106
121-14-2	2,4-Dinitrotoluene	1670	1390	83	58-114
606-20-2	2,6-Dinitrotoluene	1670	1450	87	60-115
91-94-1	3,3'-Dichlorobenzidine	1670	784	47	28-106
53-70-3	Dibenzo(a,h)anthracene	1670	1510	91	55-116
132-64-9	Dibenzofuran	1670	1430	86	63-101
84-74-2	Di-n-butyl phthalate	1670	1460	88	63-116
117-84-0	Di-n-octyl phthalate	1670	1650	99	53-127
84-66-2	Diethyl phthalate	1670	1470	88	61-111
131-11-3	Dimethyl phthalate	1670	1430	86	63-107
117-81-7	bis(2-Ethylhexyl)phthalate	1670	1530	92	56-121
206-44-0	Fluoranthene	1670	1330	80	58-110
86-73-7	Fluorene	1670	1470	88	60-108
118-74-1	Hexachlorobenzene	1670	1360	82	61-111
87-68-3	Hexachlorobutadiene	1670	1520	91	53-109
77-47-4	Hexachlorocyclopentadiene	3330	2780	83	20-130
67-72-1	Hexachloroethane	1670	1380	83	53-98
193-39-5	Indeno(1,2,3-cd)pyrene	1670	1570	94	53-117
78-59-1	Isophorone	1670	1340	80	57-111
91-57-6	2-Methylnaphthalene	1670	1410	85	49-109
88-74-4	2-Nitroaniline	1670	1490	89	50-126
99-09-2	3-Nitroaniline	1670	850	51	39-97
100-01-6	4-Nitroaniline	1670	1150	69	44-113
91-20-3	Naphthalene	1670	1390	83	53-101
98-95-3	Nitrobenzene	1670	1300	78	55-106
621-64-7	N-Nitroso-di-n-propylamine	1670	1340	80	54-112
86-30-6	N-Nitrosodiphenylamine	1670	1540	92	60-121
85-01-8	Phenanthrene	1670	1390	83	60-108
129-00-0	Pyrene	1670	1430	86	52-113

CAS No.	Surrogate Recoveries	BSP	Limits
367-12-4	2-Fluorophenol	93%	29-114%
4165-62-2	Phenol-d5	93%	31-111%
118-79-6	2,4,6-Tribromophenol	99%	27-133%

7.2

Blank Spike Summary

Job Number: JA11802
Account: CARICH C. A. Rich Consultants
Project: Via Verde, 700-730 Brook Avenue, Bronx, NY

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP36857-BS1	M62889.D	1	02/11/09	KLS	02/11/09	OP36857	EM2264

The QC reported here applies to the following samples: Method: SW846 8270C

JA11802-1, JA11802-2, JA11802-3, JA11802-4, JA11802-5, JA11802-6, JA11802-7

CAS No.	Surrogate Recoveries	BSP	Limits
4165-60-0	Nitrobenzene-d5	109%	36-116%
321-60-8	2-Fluorobiphenyl	109%	44-111%
1718-51-0	Terphenyl-d14	96%	37-131%

Raw Data: Z46786.D

Blank Spike Summary

Job Number: JA11802
Account: CARICH C. A. Rich Consultants
Project: Via Verde, 700-730 Brook Avenue, Bronx, NY

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP36854-BS1	Z46786.D	1	02/11/09	VN	02/11/09	OP36854	EZ1679

The QC reported here applies to the following samples: Method: SW846 8270C

JA11802-10

CAS No.	Compound	Spike ug/l	BSP ug/l	BSP %	Limits
95-57-8	2-Chlorophenol	50	32.1	64	45-105
59-50-7	4-Chloro-3-methyl phenol	50	47.0	94	55-116
120-83-2	2,4-Dichlorophenol	50	40.3	81	49-113
105-67-9	2,4-Dimethylphenol	50	45.4	91	44-121
51-28-5	2,4-Dinitrophenol	100	90.0	90	21-156
534-52-1	4,6-Dinitro-o-cresol	50	40.9	82	48-122
95-48-7	2-Methylphenol	50	31.8	64	40-103
	3&4-Methylphenol	50	30.5	61	36-98
88-75-5	2-Nitrophenol	50	40.8	82	46-115
100-02-7	4-Nitrophenol	50	23.4	47	11-86
87-86-5	Pentachlorophenol	50	18.6	37	37-122
108-95-2	Phenol	50	17.6	35	10-69
95-95-4	2,4,5-Trichlorophenol	50	39.0	78	54-115
88-06-2	2,4,6-Trichlorophenol	50	36.2	72	53-114
83-32-9	Acenaphthene	50	39.8	80	48-105
208-96-8	Acenaphthylene	50	35.9	72	44-99
98-86-2	Acetophenone	50	41.0	82	49-115
120-12-7	Anthracene	50	44.5	89	64-118
1912-24-9	Atrazine	50	42.6	85	53-135
100-52-7	Benzaldehyde	50	48.9	98	13-124
56-55-3	Benzo(a)anthracene	50	42.3	85	61-117
50-32-8	Benzo(a)pyrene	50	43.2	86	63-116
205-99-2	Benzo(b)fluoranthene	50	44.2	88	56-125
191-24-2	Benzo(g,h,i)perylene	50	44.1	88	58-125
207-08-9	Benzo(k)fluoranthene	50	51.5	103	59-121
101-55-3	4-Bromophenyl phenyl ether	50	47.0	94	60-114
85-68-7	Butyl benzyl phthalate	50	48.2	96	59-126
92-52-4	1,1'-Biphenyl	50	39.6	79	41-105
91-58-7	2-Chloronaphthalene	50	36.6	73	40-104
106-47-8	4-Chloroaniline	50	34.2	68	38-101
86-74-8	Carbazole	50	45.0	90	67-118
105-60-2	Caprolactam	50	15.1	30	1-58
218-01-9	Chrysene	50	41.4	83	63-115
111-91-1	bis(2-Chloroethoxy)methane	50	38.4	77	49-120
111-44-4	bis(2-Chloroethyl)ether	50	34.3	69	42-120
108-60-1	bis(2-Chloroisopropyl)ether	50	34.6	69	46-107

Blank Spike Summary

Job Number: JA11802
Account: CARICH C. A. Rich Consultants
Project: Via Verde, 700-730 Brook Avenue, Bronx, NY

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP36854-BS1	Z46786.D	1	02/11/09	VN	02/11/09	OP36854	EZ1679

The QC reported here applies to the following samples: Method: SW846 8270C

JA11802-10

CAS No.	Compound	Spike ug/l	BSP ug/l	BSP %	Limits
7005-72-3	4-Chlorophenyl phenyl ether	50	40.9	82	54-109
121-14-2	2,4-Dinitrotoluene	50	47.9	96	60-119
606-20-2	2,6-Dinitrotoluene	50	47.2	94	60-122
91-94-1	3,3'-Dichlorobenzidine	50	41.8	84	32-120
53-70-3	Dibenzo(a,h)anthracene	50	47.5	95	61-124
132-64-9	Dibenzofuran	50	40.4	81	53-106
84-74-2	Di-n-butyl phthalate	50	46.9	94	65-125
117-84-0	Di-n-octyl phthalate	50	49.1	98	56-132
84-66-2	Diethyl phthalate	50	44.6	89	58-119
131-11-3	Dimethyl phthalate	50	42.2	84	47-123
117-81-7	bis(2-Ethylhexyl)phthalate	50	48.2	96	60-128
206-44-0	Fluoranthene	50	44.9	90	63-117
86-73-7	Fluorene	50	42.5	85	55-112
118-74-1	Hexachlorobenzene	50	45.0	90	61-115
87-68-3	Hexachlorobutadiene	50	34.3	69	15-95
77-47-4	Hexachlorocyclopentadiene	100	60.9	61	8-103
67-72-1	Hexachloroethane	50	27.5	55	16-88
193-39-5	Indeno(1,2,3-cd)pyrene	50	46.1	92	59-126
78-59-1	Isophorone	50	42.3	85	52-119
91-57-6	2-Methylnaphthalene	50	36.6	73	32-100
88-74-4	2-Nitroaniline	50	57.0	114	50-129
99-09-2	3-Nitroaniline	50	35.2	70	47-111
100-01-6	4-Nitroaniline	50	42.7	85	45-125
91-20-3	Naphthalene	50	35.2	70	36-96
98-95-3	Nitrobenzene	50	36.4	73	47-112
621-64-7	N-Nitroso-di-n-propylamine	50	42.7	85	49-121
86-30-6	N-Nitrosodiphenylamine	50	45.8	92	56-132
85-01-8	Phenanthrene	50	42.7	85	62-114
129-00-0	Pyrene	50	43.7	87	57-117

CAS No.	Surrogate Recoveries	BSP	Limits
367-12-4	2-Fluorophenol	52%	10-69%
4165-62-2	Phenol-d5	35%	10-52%
118-79-6	2,4,6-Tribromophenol	125%	32-134%

Blank Spike Summary

Job Number: JA11802
Account: CARICH C. A. Rich Consultants
Project: Via Verde, 700-730 Brook Avenue, Bronx, NY

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP36854-BS1	Z46786.D	1	02/11/09	VN	02/11/09	OP36854	EZ1679

The QC reported here applies to the following samples: Method: SW846 8270C

JA11802-10

CAS No.	Surrogate Recoveries	BSP	Limits
4165-60-0	Nitrobenzene-d5	112%	23-116%
321-60-8	2-Fluorobiphenyl	96%	28-109%
1718-51-0	Terphenyl-d14	99%	24-125%

Raw Data: M62906.D M62907.D

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: JA11802
Account: CARICH C. A. Rich Consultants
Project: Via Verde, 700-730 Brook Avenue, Bronx, NY

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP36857-MS	M62906.D	1	02/11/09	KLS	02/11/09	OP36857	EM2264
OP36857-MSD	M62907.D	1	02/11/09	KLS	02/11/09	OP36857	EM2264
JA11802-1	M62905.D	1	02/11/09	KLS	02/11/09	OP36857	EM2264

The QC reported here applies to the following samples: Method: SW846 8270C

JA11802-1, JA11802-2, JA11802-3, JA11802-4, JA11802-5, JA11802-6, JA11802-7

CAS No.	Compound	JA11802-1 ug/kg	Q	Spike ug/kg	MS ug/kg	MS %	MSD ug/kg	MSD %	RPD	Limits Rec/RPD
95-57-8	2-Chlorophenol	ND		1910	1110	58	1200	63	8	41-104/22
59-50-7	4-Chloro-3-methyl phenol	ND		1910	1280	67	1260	66	2	46-118/22
120-83-2	2,4-Dichlorophenol	ND		1910	1270	66	1260	66	1	42-112/22
105-67-9	2,4-Dimethylphenol	ND		1910	1240	65	1220	64	2	43-122/21
51-28-5	2,4-Dinitrophenol	ND		3820	1060	28	1180	31	11	1-132/38
534-52-1	4,6-Dinitro-o-cresol	ND		1910	745	39	777	41	4	1-130/40
95-48-7	2-Methylphenol	ND		1910	1150	60	1160	61	1	40-108/22
	3&4-Methylphenol	ND		1910	1100	58	1130	59	3	42-108/23
88-75-5	2-Nitrophenol	ND		1910	1210	63	1270	66	5	30-111/27
100-02-7	4-Nitrophenol	ND		1910	1110	58	1150	60	4	16-145/37
87-86-5	Pentachlorophenol	ND		1910	797	42	828	43	4	20-124/25
108-95-2	Phenol	ND		1910	1080	57	1110	58	3	39-106/23
95-95-4	2,4,5-Trichlorophenol	ND		1910	1260	66	1330	70	5	44-116/22
88-06-2	2,4,6-Trichlorophenol	ND		1910	1290	67	1330	70	3	43-117/23
83-32-9	Acenaphthene	26.5	J	1910	1340	69	1400	72	4	41-113/27
208-96-8	Acenaphthylene	31.0	J	1910	1210	62	1250	64	3	42-102/23
98-86-2	Acetophenone	ND		1910	1110	58	1220	64	9	33-118/23
120-12-7	Anthracene	44.9		1910	1310	66	1420	72	8	41-125/29
1912-24-9	Atrazine	ND		1910	1380	72	1480	77	7	42-126/22
56-55-3	Benzo(a)anthracene	94.4		1910	1330	65	1450	71	9	35-125/30
50-32-8	Benzo(a)pyrene	107		1910	1420	69	1530	74	7	35-125/31
205-99-2	Benzo(b)fluoranthene	151		1910	1700	81	1650	78	3	34-131/35
191-24-2	Benzo(g,h,i)perylene	106		1910	1590	78	1650	81	4	23-132/30
207-08-9	Benzo(k)fluoranthene	81.5		1910	1130	55	1290	63	13	28-131/33
101-55-3	4-Bromophenyl phenyl ether	ND		1910	1370	72	1380	72	1	52-115/22
85-68-7	Butyl benzyl phthalate	ND		1910	1570	82	1640	86	4	39-136/27
92-52-4	1,1'-Biphenyl	ND		1910	1380	72	1440	75	4	40-117/23
100-52-7	Benzaldehyde	ND		1910	1110	58	1260	66	13	1-128/29
91-58-7	2-Chloronaphthalene	ND		1910	1360	71	1430	75	5	47-107/21
106-47-8	4-Chloroaniline	ND		1910	809	42	774	40	4	21-84/30
86-74-8	Carbazole	ND		1910	1190	62	1280	67	7	45-123/26
105-60-2	Caprolactam	ND		1910	1090	57	1180	62	8	26-136/32
218-01-9	Chrysene	109		1910	1370	66	1500	73	9	33-125/31
111-91-1	bis(2-Chloroethoxy)methane	ND		1910	1250	65	1290	67	3	44-112/21
111-44-4	bis(2-Chloroethyl)ether	ND		1910	1070	56	1190	62	11	30-119/24
108-60-1	bis(2-Chloroisopropyl)ether	ND		1910	1120	59	1240	65	10	41-103/23

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: JA11802
Account: CARICH C. A. Rich Consultants
Project: Via Verde, 700-730 Brook Avenue, Bronx, NY

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP36857-MS	M62906.D	1	02/11/09	KLS	02/11/09	OP36857	EM2264
OP36857-MSD	M62907.D	1	02/11/09	KLS	02/11/09	OP36857	EM2264
JA11802-1	M62905.D	1	02/11/09	KLS	02/11/09	OP36857	EM2264

The QC reported here applies to the following samples: Method: SW846 8270C

JA11802-1, JA11802-2, JA11802-3, JA11802-4, JA11802-5, JA11802-6, JA11802-7

CAS No.	Compound	JA11802-1 ug/kg	Q	Spike ug/kg	MS ug/kg	MS %	MSD ug/kg	MSD %	RPD	Limits Rec/RPD
7005-72-3	4-Chlorophenyl phenyl ether	ND		1910	1250	65	1310	69	5	50-109/21
121-14-2	2,4-Dinitrotoluene	ND		1910	1240	65	1310	69	5	38-117/27
606-20-2	2,6-Dinitrotoluene	ND		1910	1330	70	1390	73	4	46-118/24
91-94-1	3,3'-Dichlorobenzidine	ND		1910	923	48	995	52	8	10-112/35
53-70-3	Dibenzo(a,h)anthracene	32.9	J	1910	1510	77	1550	79	3	29-130/27
132-64-9	Dibenzofuran	ND		1910	1320	69	1390	73	5	46-113/24
84-74-2	Di-n-butyl phthalate	ND		1910	1330	70	1410	74	6	49-121/23
117-84-0	Di-n-octyl phthalate	ND		1910	1550	81	1550	81	0	36-142/28
84-66-2	Diethyl phthalate	ND		1910	1350	71	1430	75	6	50-113/21
131-11-3	Dimethyl phthalate	ND		1910	1310	69	1360	71	4	53-109/20
117-81-7	bis(2-Ethylhexyl)phthalate	ND		1910	1610	84	1670	87	4	37-142/29
206-44-0	Fluoranthene	120		1910	1220	58	1430	69	16	30-127/35
86-73-7	Fluorene	ND		1910	1380	72	1450	76	5	43-118/28
118-74-1	Hexachlorobenzene	ND		1910	1240	65	1310	69	5	51-112/21
87-68-3	Hexachlorobutadiene	ND		1910	1330	70	1430	75	7	40-110/23
77-47-4	Hexachlorocyclopentadiene	ND		3820	2410	63	2520	66	4	1-104/40
67-72-1	Hexachloroethane	ND		1910	1140	60	1280	67	12	25-100/30
193-39-5	Indeno(1,2,3-cd)pyrene	95.4		1910	1620	80	1670	82	3	28-130/29
78-59-1	Isophorone	ND		1910	1220	64	1250	65	2	44-114/22
91-57-6	2-Methylnaphthalene	71.2	J	1910	1330	66	1380	68	4	32-120/26
88-74-4	2-Nitroaniline	ND		1910	1360	71	1400	73	3	41-127/21
99-09-2	3-Nitroaniline	ND		1910	1000	52	993	52	1	32-101/27
100-01-6	4-Nitroaniline	ND		1910	895	47	1070	56	18	30-112/32
91-20-3	Naphthalene	33.8	J	1910	1250	64	1330	68	6	34-112/27
98-95-3	Nitrobenzene	ND		1910	1160	61	1250	65	7	42-106/23
621-64-7	N-Nitroso-di-n-propylamine	ND		1910	1200	63	1240	65	3	40-116/24
86-30-6	N-Nitrosodiphenylamine	ND		1910	1470	77	1550	81	5	45-137/24
85-01-8	Phenanthrene	122		1910	1380	66	1710	83	21	34-127/34
129-00-0	Pyrene	153		1910	1590	75	1810	87	13	29-138/35

CAS No.	Surrogate Recoveries	MS	MSD	JA11802-1	Limits
367-12-4	2-Fluorophenol	67%	72%	70%	29-114%
4165-62-2	Phenol-d5	70%	72%	71%	31-111%
118-79-6	2,4,6-Tribromophenol	76%	81%	69%	27-133%

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: JA11802
Account: CARICH C. A. Rich Consultants
Project: Via Verde, 700-730 Brook Avenue, Bronx, NY

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP36857-MS	M62906.D	1	02/11/09	KLS	02/11/09	OP36857	EM2264
OP36857-MSD	M62907.D	1	02/11/09	KLS	02/11/09	OP36857	EM2264
JA11802-1	M62905.D	1	02/11/09	KLS	02/11/09	OP36857	EM2264

The QC reported here applies to the following samples: Method: SW846 8270C

JA11802-1, JA11802-2, JA11802-3, JA11802-4, JA11802-5, JA11802-6, JA11802-7

CAS No.	Surrogate Recoveries	MS	MSD	JA11802-1	Limits
4165-60-0	Nitrobenzene-d5	83%	88%	90%	36-116%
321-60-8	2-Fluorobiphenyl	88%	91%	93%	44-111%
1718-51-0	Terphenyl-d14	83%	85%	86%	37-131%

Instrument Performance Check (DFTPP)

Job Number: JA11802
Account: CARICH C. A. Rich Consultants
Project: Via Verde, 700-730 Brook Avenue, Bronx, NY

Sample:	EM2202-DFTPP	Injection Date:	12/19/08
Lab File ID:	M61567.D	Injection Time:	16:38
Instrument ID:	GCMSM		

m/e	Ion Abundance Criteria	Raw Abundance	% Relative Abundance		Pass/Fail
51	30.0 - 60.0% of mass 198	55069	47.5		Pass
68	Less than 2.0% of mass 69	0	0.0	(0.0) [a]	Pass
69	Mass 69 relative abundance	45672	39.4		Pass
70	Less than 2.0% of mass 69	250	0.22	(0.55) [a]	Pass
127	40.0 - 60.0% of mass 198	51808	44.6		Pass
197	Less than 1.0% of mass 198	0	0.0		Pass
198	Base peak, 100% relative abundance	116048	100.0		Pass
199	5.0 - 9.0% of mass 198	7990	6.9		Pass
275	10.0 - 30.0% of mass 198	26210	22.6		Pass
365	1.0 - 100.0% of mass 198	3141	2.7		Pass
441	Present, but less than mass 443	9205	7.9	(80.1) [b]	Pass
442	40.0 - 100.0% of mass 198	59763	51.5		Pass
443	17.0 - 23.0% of mass 442	11487	9.9	(19.2) [c]	Pass

(a) Value is % of mass 69
(b) Value is % of mass 443
(c) Value is % of mass 442

This check applies to the following Samples, MS, MSD, Blanks, and Standards:

Lab Sample ID	Lab File ID	Date Analyzed	Time Analyzed	Hours Lapsed	Client Sample ID
EM2202-IC2202	M61568.D	12/19/08	16:52	00:14	Initial cal 100
EM2202-IC2202	M61569.D	12/19/08	17:23	00:45	Initial cal 80
EM2202-ICC2202	M61570.D	12/19/08	17:55	01:17	Initial cal 50
EM2202-IC2202	M61571.D	12/19/08	18:26	01:48	Initial cal 25
EM2202-IC2202	M61572.D	12/19/08	18:58	02:20	Initial cal 10
EM2202-IC2202	M61573.D	12/19/08	19:29	02:51	Initial cal 5
EM2202-IC2202	M61574.D	12/19/08	20:00	03:22	Initial cal 2
EM2202-IC2202	M61575.D	12/19/08	20:32	03:54	Initial cal 1

7.4 7

Instrument Performance Check (DFTPP)

Job Number: JA11802
Account: CARICH C. A. Rich Consultants
Project: Via Verde, 700-730 Brook Avenue, Bronx, NY

Sample:	EM2207-DFTPP	Injection Date:	12/23/08
Lab File ID:	M61675.D	Injection Time:	11:17
Instrument ID:	GCMSM		

m/e	Ion Abundance Criteria	Raw Abundance	% Relative Abundance		Pass/Fail
51	30.0 - 60.0% of mass 198	83190	45.7		Pass
68	Less than 2.0% of mass 69	0	0.0	(0.0) [a]	Pass
69	Mass 69 relative abundance	71054	39.0		Pass
70	Less than 2.0% of mass 69	0	0.0	(0.0) [a]	Pass
127	40.0 - 60.0% of mass 198	80852	44.4		Pass
197	Less than 1.0% of mass 198	0	0.0		Pass
198	Base peak, 100% relative abundance	182181	100.0		Pass
199	5.0 - 9.0% of mass 198	12365	6.8		Pass
275	10.0 - 30.0% of mass 198	42939	23.6		Pass
365	1.0 - 100.0% of mass 198	5215	2.9		Pass
441	Present, but less than mass 443	16357	9.0	(83.3) [b]	Pass
442	40.0 - 100.0% of mass 198	100573	55.2		Pass
443	17.0 - 23.0% of mass 442	19644	10.8	(19.5) [c]	Pass

(a) Value is % of mass 69
(b) Value is % of mass 443
(c) Value is % of mass 442

This check applies to the following Samples, MS, MSD, Blanks, and Standards:

Lab Sample ID	Lab File ID	Date Analyzed	Time Analyzed	Hours Lapsed	Client Sample ID
EM2207-ICC2207	M61676.D	12/23/08	11:31	00:14	Initial cal 25
EM2207-IC2207	M61677.D	12/23/08	12:04	00:47	Initial cal 50
EM2207-IC2207	M61678.D	12/23/08	12:36	01:19	Initial cal 100
EM2207-IC2207	M61679.D	12/23/08	13:08	01:51	Initial cal 80
EM2207-IC2207	M61680.D	12/23/08	13:39	02:22	Initial cal 10
EM2207-IC2207	M61681.D	12/23/08	14:11	02:54	Initial cal 5
EM2207-IC2207	M61682.D	12/23/08	14:42	03:25	Initial cal 2
EM2207-IC2207	M61683.D	12/23/08	15:14	03:57	Initial cal 1
EM2207-ICV2207	M61684.D	12/23/08	15:46	04:29	Initial cal verification 50
EM2207-ICV2207	M61685.D	12/23/08	16:18	05:01	Initial cal verification 50
EM2207-ICV2207	M61686.D	12/23/08	16:50	05:33	Initial cal verification 50
EM2207-ICV2207	M61687.D	12/23/08	17:21	06:04	Initial cal verification 50

Instrument Performance Check (DFTPP)

Job Number: JA11802
Account: CARICH C. A. Rich Consultants
Project: Via Verde, 700-730 Brook Avenue, Bronx, NY

Sample:	EM2264-DFTPP	Injection Date:	02/11/09
Lab File ID:	M62884.D	Injection Time:	09:24
Instrument ID:	GCMSM		

m/e	Ion Abundance Criteria	Raw Abundance	% Relative Abundance		Pass/Fail
51	30.0 - 60.0% of mass 198	105440	57.9		Pass
68	Less than 2.0% of mass 69	0	0.0	(0.0) [a]	Pass
69	Mass 69 relative abundance	78650	43.2		Pass
70	Less than 2.0% of mass 69	92	0.05	(0.12) [a]	Pass
127	40.0 - 60.0% of mass 198	88936	48.9		Pass
197	Less than 1.0% of mass 198	0	0.0		Pass
198	Base peak, 100% relative abundance	182016	100.0		Pass
199	5.0 - 9.0% of mass 198	12437	6.8		Pass
275	10.0 - 30.0% of mass 198	46171	25.4		Pass
365	1.0 - 100.0% of mass 198	5388	3.0		Pass
441	Present, but less than mass 443	15016	8.2	(80.0) [b]	Pass
442	40.0 - 100.0% of mass 198	90947	50.0		Pass
443	17.0 - 23.0% of mass 442	18775	10.3	(20.6) [c]	Pass

(a) Value is % of mass 69
(b) Value is % of mass 443
(c) Value is % of mass 442

This check applies to the following Samples, MS, MSD, Blanks, and Standards:

Lab Sample ID	Lab File ID	Date Analyzed	Time Analyzed	Hours Lapsed	Client Sample ID
EM2264-CC2207	M62885.D	02/11/09	10:08	00:44	Continuing cal 50
EM2264-CC2202	M62886.D	02/11/09	10:40	01:16	Continuing cal 25
OP36845-MB1	M62887.D	02/11/09	11:12	01:48	Method Blank
OP36857-BS1	M62889.D	02/11/09	12:15	02:51	Blank Spike
ZZZZZZ	M62890.D	02/11/09	12:47	03:23	(unrelated sample)
ZZZZZZ	M62897.D	02/11/09	13:18	03:54	(unrelated sample)
ZZZZZZ	M62891.D	02/11/09	13:50	04:26	(unrelated sample)
ZZZZZZ	M62892.D	02/11/09	14:21	04:57	(unrelated sample)
ZZZZZZ	M62893.D	02/11/09	14:53	05:29	(unrelated sample)
ZZZZZZ	M62894.D	02/11/09	15:25	06:01	(unrelated sample)
ZZZZZZ	M62895.D	02/11/09	15:57	06:33	(unrelated sample)
OP36845-MSD	M62896.D	02/11/09	16:29	07:05	Matrix Spike Duplicate
OP36845A-MSD	M62896.D	02/11/09	16:29	07:05	Matrix Spike Duplicate
JA11802-1	M62905.D	02/11/09	17:33	08:09	MW-5 (0-2 IN)
OP36857-MS	M62906.D	02/11/09	18:05	08:41	Matrix Spike
OP36857-MSD	M62907.D	02/11/09	18:37	09:13	Matrix Spike Duplicate

Raw Data: M62910.D

Instrument Performance Check (DFTPP)

Job Number: JA11802
Account: CARICH C. A. Rich Consultants
Project: Via Verde, 700-730 Brook Avenue, Bronx, NY

Sample:	EM2265-DFTPP	Injection Date:	02/11/09
Lab File ID:	M62910.D	Injection Time:	20:46
Instrument ID:	GCMSM		

m/e	Ion Abundance Criteria	Raw Abundance	% Relative Abundance		Pass/Fail
51	30.0 - 60.0% of mass 198	111062	57.3		Pass
68	Less than 2.0% of mass 69	0	0.0	(0.0) [a]	Pass
69	Mass 69 relative abundance	84335	43.5		Pass
70	Less than 2.0% of mass 69	594	0.31	(0.7) [a]	Pass
127	40.0 - 60.0% of mass 198	93024	48.0		Pass
197	Less than 1.0% of mass 198	0	0.0		Pass
198	Base peak, 100% relative abundance	193728	100.0		Pass
199	5.0 - 9.0% of mass 198	13347	6.9		Pass
275	10.0 - 30.0% of mass 198	50960	26.3		Pass
365	1.0 - 100.0% of mass 198	6530	3.4		Pass
441	Present, but less than mass 443	19607	10.1	(89.1) [b]	Pass
442	40.0 - 100.0% of mass 198	113749	58.7		Pass
443	17.0 - 23.0% of mass 442	22017	11.4	(19.4) [c]	Pass

(a) Value is % of mass 69
(b) Value is % of mass 443
(c) Value is % of mass 442

This check applies to the following Samples, MS, MSD, Blanks, and Standards:

Lab Sample ID	Lab File ID	Date Analyzed	Time Analyzed	Hours Lapsed	Client Sample ID
EM2265-CC2207	M62911.D	02/11/09	21:01	00:15	Continuing cal 25
EM2265-CC2202	M62912.D	02/11/09	21:33	00:47	Continuing cal 25
JA11802-2	M62915.D	02/11/09	23:09	02:23	MW-5 (5 FT)
JA11802-4	M62916.D	02/11/09	23:41	02:55	SB-1 (2-4 FT)
JA11802-6	M62917.D	02/12/09	00:13	03:27	MW-4 (4 FT)
JA11802-7	M62918.D	02/12/09	00:45	03:59	MW-X (4 FT)
JA11802-3	M62919.D	02/12/09	01:17	04:31	SB-1 (1 FT)
JA11802-5	M62920.D	02/12/09	01:49	05:03	MW-4 (1 FT)

7.4.7

Raw Data: M63192.D

Instrument Performance Check (DFTPP)

Job Number: JA11802
Account: CARICH C. A. Rich Consultants
Project: Via Verde, 700-730 Brook Avenue, Bronx, NY

Sample:	EM2282-DFTPP	Injection Date:	02/24/09
Lab File ID:	M63192.D	Injection Time:	12:41
Instrument ID:	GCMSM		

m/e	Ion Abundance Criteria	Raw Abundance	% Relative Abundance		Pass/Fail
51	30.0 - 60.0% of mass 198	137889	48.8		Pass
68	Less than 2.0% of mass 69	0	0.0	(0.0) [a]	Pass
69	Mass 69 relative abundance	116402	41.2		Pass
70	Less than 2.0% of mass 69	425	0.15	(0.37) [a]	Pass
127	40.0 - 60.0% of mass 198	131696	46.6		Pass
197	Less than 1.0% of mass 198	0	0.0		Pass
198	Base peak, 100% relative abundance	282429	100.0		Pass
199	5.0 - 9.0% of mass 198	19682	7.0		Pass
275	10.0 - 30.0% of mass 198	79136	28.0		Pass
365	1.0 - 100.0% of mass 198	9792	3.5		Pass
441	Present, but less than mass 443	40523	14.3	(96.1) [b]	Pass
442	40.0 - 100.0% of mass 198	225493	79.8		Pass
443	17.0 - 23.0% of mass 442	42165	14.9	(18.7) [c]	Pass

7.4.7

(a) Value is % of mass 69
(b) Value is % of mass 443
(c) Value is % of mass 442

This check applies to the following Samples, MS, MSD, Blanks, and Standards:

Lab Sample ID	Lab File ID	Date Analyzed	Time Analyzed	Hours Lapsed	Client Sample ID
EM2282-CC2207	M63193.D	02/24/09	12:55	00:14	Continuing cal 25
EM2282-CC2202	M63194.D	02/24/09	13:28	00:47	Continuing cal 25
OP36857-MB1	M63195.D	02/24/09	14:00	01:19	Method Blank
OP37015-MB1	M63196.D	02/24/09	14:31	01:50	Method Blank

Raw Data: Z45984.D

Instrument Performance Check (DFTPP)

Job Number: JA11802
Account: CARICH C. A. Rich Consultants
Project: Via Verde, 700-730 Brook Avenue, Bronx, NY

Sample:	EZ1643-DFTPP	Injection Date:	12/30/08
Lab File ID:	Z45984.D	Injection Time:	10:18
Instrument ID:	GCMSZ		

m/e	Ion Abundance Criteria	Raw Abundance	% Relative Abundance		Pass/Fail
51	30.0 - 60.0% of mass 198	18400	31.6		Pass
68	Less than 2.0% of mass 69	0	0.0	(0.0) [a]	Pass
69	Mass 69 relative abundance	21901	37.7		Pass
70	Less than 2.0% of mass 69	133	0.23	(0.61) [a]	Pass
127	40.0 - 60.0% of mass 198	30984	53.3		Pass
197	Less than 1.0% of mass 198	0	0.0		Pass
198	Base peak, 100% relative abundance	58165	100.0		Pass
199	5.0 - 9.0% of mass 198	4001	6.9		Pass
275	10.0 - 30.0% of mass 198	14350	24.7		Pass
365	1.0 - 100.0% of mass 198	2011	3.5		Pass
441	Present, but less than mass 443	7279	12.5	(87.8) [b]	Pass
442	40.0 - 100.0% of mass 198	44890	77.2		Pass
443	17.0 - 23.0% of mass 442	8293	14.3	(18.5) [c]	Pass

(a) Value is % of mass 69
(b) Value is % of mass 443
(c) Value is % of mass 442

This check applies to the following Samples, MS, MSD, Blanks, and Standards:

Lab Sample ID	Lab File ID	Date Analyzed	Time Analyzed	Hours Lapsed	Client Sample ID
EZ1643-IC1643	Z45985.D	12/30/08	10:40	00:22	Initial cal 100
EZ1643-IC1643	Z45987.D	12/30/08	11:35	01:17	Initial cal 80
EZ1643-IC1643	Z45988.D	12/30/08	12:03	01:45	Initial cal 2
EZ1643-ICC1643	Z45989.D	12/30/08	12:32	02:14	Initial cal 50
EZ1643-IC1643	Z45991.D	12/30/08	13:28	03:10	Initial cal 10
EZ1643-IC1643	Z45992.D	12/30/08	13:56	03:38	Initial cal 5
EZ1643-IC1643	Z45986.D	12/30/08	16:30	06:12	Initial cal 1
EZ1643-IC1643	Z45990.D	12/30/08	16:58	06:40	Initial cal 25

7.4.7

Instrument Performance Check (DFTPP)

Job Number: JA11802
Account: CARICH C. A. Rich Consultants
Project: Via Verde, 700-730 Brook Avenue, Bronx, NY

Sample:	EZ1644-DFTPP	Injection Date:	12/30/08
Lab File ID:	Z45993.D	Injection Time:	17:46
Instrument ID:	GCMSZ		

m/e	Ion Abundance Criteria	Raw Abundance	% Relative Abundance		Pass/Fail
51	30.0 - 60.0% of mass 198	20718	31.8		Pass
68	Less than 2.0% of mass 69	0	0.0	(0.0) [a]	Pass
69	Mass 69 relative abundance	23642	36.3		Pass
70	Less than 2.0% of mass 69	149	0.23	(0.63) [a]	Pass
127	40.0 - 60.0% of mass 198	34741	53.3		Pass
197	Less than 1.0% of mass 198	217	0.33		Pass
198	Base peak, 100% relative abundance	65133	100.0		Pass
199	5.0 - 9.0% of mass 198	4380	6.7		Pass
275	10.0 - 30.0% of mass 198	15807	24.3		Pass
365	1.0 - 100.0% of mass 198	2363	3.6		Pass
441	Present, but less than mass 443	8327	12.8	(87.2) [b]	Pass
442	40.0 - 100.0% of mass 198	50757	77.9		Pass
443	17.0 - 23.0% of mass 442	9549	14.7	(18.8) [c]	Pass

(a) Value is % of mass 69
(b) Value is % of mass 443
(c) Value is % of mass 442

This check applies to the following Samples, MS, MSD, Blanks, and Standards:

Lab Sample ID	Lab File ID	Date Analyzed	Time Analyzed	Hours Lapsed	Client Sample ID
EZ1644-IC1644	Z45994.D	12/30/08	17:59	00:13	Initial cal 100
EZ1644-IC1644	Z45995.D	12/30/08	18:26	00:40	Initial cal 1
EZ1644-IC1644	Z45996.D	12/30/08	18:54	01:08	Initial cal 80
EZ1644-IC1644	Z45997.D	12/30/08	19:22	01:36	Initial cal 2
EZ1644-ICC1644	Z45998.D	12/30/08	19:49	02:03	Initial cal 50
EZ1644-IC1644	Z45999.D	12/30/08	20:17	02:31	Initial cal 25
EZ1644-IC1644	Z46000.D	12/30/08	20:45	02:59	Initial cal 10
EZ1644-IC1644	Z46001.D	12/30/08	21:13	03:27	Initial cal 5
EZ1644-ICV1643	Z46002.D	12/30/08	21:41	03:55	Initial cal verification 50
EZ1644-ICV1643	Z46003.D	12/30/08	22:08	04:22	Initial cal verification 50
EZ1644-ICV1643	Z46004.D	12/30/08	22:36	04:50	Initial cal verification 50
EZ1644-ICV1643	Z46005.D	12/30/08	23:05	05:19	Initial cal verification 50

Raw Data: Z46782.D

Instrument Performance Check (DFTPP)

Job Number: JA11802
Account: CARICH C. A. Rich Consultants
Project: Via Verde, 700-730 Brook Avenue, Bronx, NY

Sample:	EZ1679-DFTPP	Injection Date:	02/11/09
Lab File ID:	Z46782.D	Injection Time:	13:04
Instrument ID:	GCMSZ		

m/e	Ion Abundance Criteria	Raw Abundance	% Relative Abundance		Pass/Fail
51	30.0 - 60.0% of mass 198	7864	45.4		Pass
68	Less than 2.0% of mass 69	118	0.68	(1.5) [a]	Pass
69	Mass 69 relative abundance	7946	45.8		Pass
70	Less than 2.0% of mass 69	48	0.28	(0.6) [a]	Pass
127	40.0 - 60.0% of mass 198	9973	57.5		Pass
197	Less than 1.0% of mass 198	0	0.0		Pass
198	Base peak, 100% relative abundance	17338	100.0		Pass
199	5.0 - 9.0% of mass 198	1111	6.4		Pass
275	10.0 - 30.0% of mass 198	4609	26.6		Pass
365	1.0 - 100.0% of mass 198	923	5.3		Pass
441	Present, but less than mass 443	2400	13.8	(76.2) [b]	Pass
442	40.0 - 100.0% of mass 198	15671	90.4		Pass
443	17.0 - 23.0% of mass 442	3151	18.2	(20.1) [c]	Pass

(a) Value is % of mass 69
(b) Value is % of mass 443
(c) Value is % of mass 442

This check applies to the following Samples, MS, MSD, Blanks, and Standards:

Lab Sample ID	Lab File ID	Date Analyzed	Time Analyzed	Hours Lapsed	Client Sample ID
EZ1679-CC1643	Z46783.D	02/11/09	15:55	02:51	Continuing cal 50
EZ1679-CC1644	Z46784.D	02/11/09	16:24	03:20	Continuing cal 50
OP36854-MB1	Z46785.D	02/11/09	16:53	03:49	Method Blank
OP36854-BS1	Z46786.D	02/11/09	17:21	04:17	Blank Spike
JA11802-10	Z46787.D	02/11/09	17:49	04:45	FB 2/9
ZZZZZZ	Z46788.D	02/11/09	18:18	05:14	(unrelated sample)
ZZZZZZ	Z46789.D	02/11/09	18:46	05:42	(unrelated sample)
ZZZZZZ	Z46790.D	02/11/09	19:15	06:11	(unrelated sample)
ZZZZZZ	Z46791.D	02/11/09	19:43	06:39	(unrelated sample)
ZZZZZZ	Z46792.D	02/11/09	20:12	07:08	(unrelated sample)
ZZZZZZ	Z46793.D	02/11/09	20:40	07:36	(unrelated sample)
JA11720-1	Z46794.D	02/11/09	21:08	08:04	(used for QC only; not part of job JA11802)
OP36854A-MS	Z46795.D	02/11/09	21:37	08:33	Matrix Spike
OP36854-MS	Z46795.D	02/11/09	21:37	08:33	Matrix Spike
OP36854A-MSD	Z46796.D	02/11/09	22:05	09:01	Matrix Spike Duplicate
OP36854-MSD	Z46796.D	02/11/09	22:05	09:01	Matrix Spike Duplicate
ZZZZZZ	Z46797.D	02/11/09	22:33	09:29	(unrelated sample)
ZZZZZZ	Z46798.D	02/11/09	23:02	09:58	(unrelated sample)
JA11574-2	Z46799.D	02/11/09	23:30	10:26	(used for QC only; not part of job JA11802)

7.4

Instrument Performance Check (DFTPP)

Job Number: JA11802
Account: CARICH C. A. Rich Consultants
Project: Via Verde, 700-730 Brook Avenue, Bronx, NY

Sample:	EZ1679-DFTPP	Injection Date:	02/11/09
Lab File ID:	Z46782.D	Injection Time:	13:04
Instrument ID:	GCMSZ		

Lab Sample ID	Lab File ID	Date Analyzed	Time Analyzed	Hours Lapsed	Client Sample ID
OP36829-MS	Z46800.D	02/11/09	23:58	10:54	Matrix Spike
OP36829A-MS	Z46800.D	02/11/09	23:58	10:54	Matrix Spike
OP36829A-MSD	Z46801.D	02/12/09	00:26	11:22	Matrix Spike Duplicate
OP36829-MSD	Z46801.D	02/12/09	00:26	11:22	Matrix Spike Duplicate

7.4

7

Semivolatile Internal Standard Area Summary

Job Number: JA11802
Account: CARICH C. A. Rich Consultants
Project: Via Verde, 700-730 Brook Avenue, Bronx, NY

Check Std:	EM2264-CC2207	Injection Date:	02/11/09
Lab File ID:	M62885.D	Injection Time:	10:08
Instrument ID:	GCMSM	Method:	SW846 8270C

	IS 1 AREA	RT	IS 2 AREA	RT	IS 3 AREA	RT	IS 4 AREA	RT	IS 5 AREA	RT	IS 6 AREA	RT
Check Std	112068	4.89	383792	7.05	249866	10.42	448191	13.31	558266	17.83	423954	19.58
Upper Limit [a]	224136	5.39	767584	7.55	499732	10.92	896382	13.81	1116532	18.33	847908	20.08
Lower Limit [b]	56034	4.39	191896	6.55	124933	9.92	224096	12.81	279133	17.33	211977	19.08
Lab Sample ID	IS 1 AREA	RT	IS 2 AREA	RT	IS 3 AREA	RT	IS 4 AREA	RT	IS 5 AREA	RT	IS 6 AREA	RT
OP36845-MB1	86784	4.89	308827	7.04	195889	10.42	331923	13.31	423438	17.83	350408	19.58
OP36857-BS1	87245	4.89	299080	7.04	185713	10.42	313922	13.31	344753	17.83	275197	19.58
ZZZZZZ	102400	4.89	348885	7.04	198138	10.42	332893	13.31	309319	17.84	302528	19.59
ZZZZZZ	98830	4.89	333959	7.04	196337	10.42	305831	13.30	290769	17.83	263121	19.58
ZZZZZZ	80802	4.90	284755	7.04	177830	10.42	302269	13.31	361633	17.83	303769	19.58
ZZZZZZ	76710	4.89	270102	7.04	166262	10.42	272743	13.31	326364	17.83	282064	19.58
ZZZZZZ	77111	4.89	272218	7.04	164416	10.42	266582	13.31	310566	17.84	273505	19.58
ZZZZZZ	74911	4.89	266588	7.04	166759	10.42	285665	13.31	350793	17.83	290245	19.58
ZZZZZZ	78764	4.89	268176	7.04	167171	10.43	260259	13.31	303628	17.84	273677	19.60
OP36845-MSD	91887	4.90	302654	7.05	177523	10.42	290726	13.31	322796	17.84	298901	19.59
OP36845A-MSD	91887	4.90	302654	7.05	177523	10.42	290726	13.31	322796	17.84	298901	19.59
JA11802-1	99966	4.90	337102	7.04	197231	10.42	291034	13.31	283394	17.83	246086	19.58
OP36857-MS	122268	4.89	402731	7.04	239474	10.42	374189	13.31	348842	17.84	283988	19.58
OP36857-MSD	111740	4.89	367670	7.04	212335	10.42	335009	13.31	311221	17.83	264592	19.59

IS 1 = 1,4-Dichlorobenzene-d4
IS 2 = Naphthalene-d8
IS 3 = Acenaphthene-D10
IS 4 = Phenanthrene-d10
IS 5 = Chrysene-d12
IS 6 = Perylene-d12

(a) Upper Limit = +100% of check standard area; Retention time +0.5 minutes.
(b) Lower Limit = -50% of check standard area; Retention time -0.5 minutes.

Semivolatile Internal Standard Area Summary

Job Number: JA11802
Account: CARICH C. A. Rich Consultants
Project: Via Verde, 700-730 Brook Avenue, Bronx, NY

Check Std:	EM2265-CC2207	Injection Date:	02/11/09
Lab File ID:	M62911.D	Injection Time:	21:01
Instrument ID:	GCMSM	Method:	SW846 8270C

	IS 1 AREA	IS 1 RT	IS 2 AREA	IS 2 RT	IS 3 AREA	IS 3 RT	IS 4 AREA	IS 4 RT	IS 5 AREA	IS 5 RT	IS 6 AREA	IS 6 RT
Check Std	88514	4.90	300479	7.05	192640	10.42	350576	13.31	460951	17.83	397047	19.59
Upper Limit [a]	177028	5.40	600958	7.55	385280	10.92	701152	13.81	921902	18.33	794094	20.09
Lower Limit [b]	44257	4.40	150240	6.55	96320	9.92	175288	12.81	230476	17.33	198524	19.09
Lab Sample ID	IS 1 AREA	IS 1 RT	IS 2 AREA	IS 2 RT	IS 3 AREA	IS 3 RT	IS 4 AREA	IS 4 RT	IS 5 AREA	IS 5 RT	IS 6 AREA	IS 6 RT
JA11802-2	93227	4.88	321453	7.04	204721	10.42	344390	13.30	433640	17.83	374546	19.58
JA11802-4	87365	4.89	300986	7.04	188632	10.41	321994	13.30	413243	17.83	362634	19.58
JA11802-6	88390	4.89	304447	7.04	192365	10.42	322722	13.30	418244	17.83	359729	19.58
JA11802-7	95964	4.88	337974	7.04	219263	10.42	370826	13.30	466698	17.83	404531	19.58
JA11802-3	101877	4.89	359834	7.04	230747	10.41	396540	13.30	504162	17.83	427237	19.58
JA11802-5	95922	4.88	335793	7.04	214347	10.42	362853	13.30	460219	17.83	403928	19.58

IS 1 = 1,4-Dichlorobenzene-d4
IS 2 = Naphthalene-d8
IS 3 = Acenaphthene-D10
IS 4 = Phenanthrene-d10
IS 5 = Chrysene-d12
IS 6 = Perylene-d12

(a) Upper Limit = +100% of check standard area; Retention time +0.5 minutes.
(b) Lower Limit = -50% of check standard area; Retention time -0.5 minutes.

7.5

Semivolatile Internal Standard Area Summary

Job Number: JA11802
Account: CARICH C. A. Rich Consultants
Project: Via Verde, 700-730 Brook Avenue, Bronx, NY

Check Std:	EM2282-CC2207	Injection Date:	02/24/09
Lab File ID:	M63193.D	Injection Time:	12:55
Instrument ID:	GCMSM	Method:	SW846 8270C

	IS 1 AREA	RT	IS 2 AREA	RT	IS 3 AREA	RT	IS 4 AREA	RT	IS 5 AREA	RT	IS 6 AREA	RT
Check Std	148919	4.85	484015	7.00	311960	10.38	535331	13.27	732720	17.81	641392	19.56
Upper Limit [a]	297838	5.35	968030	7.50	623920	10.88	1070662	13.77	1465440	18.31	1282784	20.06
Lower Limit [b]	74460	4.35	242008	6.50	155980	9.88	267666	12.77	366360	17.31	320696	19.06
Lab Sample ID	IS 1 AREA	RT	IS 2 AREA	RT	IS 3 AREA	RT	IS 4 AREA	RT	IS 5 AREA	RT	IS 6 AREA	RT
OP36857-MB1	148828	4.84	494883	7.00	303552	10.37	503949	13.26	655495	17.80	595050	19.56
OP37015-MB1	117542	4.84	378731	7.00	234020	10.37	383510	13.26	472937	17.81	436882	19.56

IS 1 = 1,4-Dichlorobenzene-d4
IS 2 = Naphthalene-d8
IS 3 = Acenaphthene-D10
IS 4 = Phenanthrene-d10
IS 5 = Chrysene-d12
IS 6 = Perylene-d12

(a) Upper Limit = +100% of check standard area; Retention time +0.5 minutes.
(b) Lower Limit = -50% of check standard area; Retention time -0.5 minutes.

7.5
7

Semivolatile Internal Standard Area Summary

Job Number: JA11802
Account: CARICH C. A. Rich Consultants
Project: Via Verde, 700-730 Brook Avenue, Bronx, NY

Check Std:	EZ1679-CC1643	Injection Date:	02/11/09
Lab File ID:	Z46783.D	Injection Time:	15:55
Instrument ID:	GCMSZ	Method:	SW846 8270C

	IS 1 AREA	RT	IS 2 AREA	RT	IS 3 AREA	RT	IS 4 AREA	RT	IS 5 AREA	RT	IS 6 AREA	RT
Check Std	223112	4.43	777798	6.24	478051	9.00	675379	11.37	666966	15.04	575615	16.80
Upper Limit [a]	446224	4.93	1555596	6.74	956102	9.50	1350758	11.87	1333932	15.54	1151230	17.30
Lower Limit [b]	111556	3.93	388899	5.74	239026	8.50	337690	10.87	333483	14.54	287808	16.30
Lab Sample ID	IS 1 AREA	RT	IS 2 AREA	RT	IS 3 AREA	RT	IS 4 AREA	RT	IS 5 AREA	RT	IS 6 AREA	RT
OP36854-MB1	184962	4.43	689695	6.23	405192	9.00	595421	11.36	632671	15.04	559262	16.80
OP36854-BS1	175292	4.43	594157	6.23	342642	9.00	486613	11.36	481451	15.04	443129	16.80
JA11802-10	194434	4.43	719513	6.23	405181	9.00	575734	11.36	553914	15.04	462657	16.80
ZZZZZZ	194204	4.43	709344	6.23	406575	9.00	575221	11.36	565122	15.04	468212	16.80
ZZZZZZ	184024	4.43	655530	6.23	342875	9.00	509554	11.36	494532	15.04	437019	16.80
ZZZZZZ	182945	4.43	666776	6.23	358375	9.00	494920	11.36	510183	15.04	467742	16.80
ZZZZZZ	183317	4.43	678737	6.23	358832	9.00	528070	11.36	497763	15.03	430412	16.79
ZZZZZZ	180678	4.43	591958	6.23	312395	9.00	445434	11.37	487639	15.04	460757	16.79
ZZZZZZ	191661	4.44	670988	6.25	509806	9.02	581722	11.41	611069	15.05	559701	16.80
JA11720-1	181064	4.43	626847	6.23	373661	9.01	548723	11.37	578671	15.04	533091	16.80
OP36854A-MS	178196	4.43	622193	6.23	363542	9.01	507844	11.37	529636	15.04	484241	16.80
OP36854-MS	178196	4.43	622193	6.23	363542	9.01	507844	11.37	529636	15.04	484241	16.80
OP36854A-MSD	181523	4.43	635119	6.23	366485	9.01	529230	11.37	563661	15.04	525563	16.80
OP36854-MSD	181523	4.43	635119	6.23	366485	9.01	529230	11.37	563661	15.04	525563	16.80
ZZZZZZ	209436	4.43	751645	6.23	438515	9.00	635051	11.37	674914	15.05	568269	16.82
ZZZZZZ	179024	4.43	623316	6.24	333578	9.00	464824	11.37	483415	15.04	461311	16.80
JA11574-2	170042	4.43	600299	6.24	360671	9.03	503636	11.39	496434	15.05	448753	16.82
OP36829-MS	184531	4.43	630655	6.24	369331	9.02	534742	11.39	543822	15.06	487755	16.83
OP36829A-MS	184531	4.43	630655	6.24	369331	9.02	534742	11.39	543822	15.06	487755	16.83
OP36829A-MSD	178594	4.43	604456	6.24	327587	9.01	461540	11.37	503298	15.05	483878	16.82
OP36829-MSD	178594	4.43	604456	6.24	327587	9.01	461540	11.37	503298	15.05	483878	16.82

IS 1 = 1,4-Dichlorobenzene-d4
IS 2 = Naphthalene-d8
IS 3 = Acenaphthene-D10
IS 4 = Phenanthrene-d10
IS 5 = Chrysene-d12
IS 6 = Perylene-d12

(a) Upper Limit = +100% of check standard area; Retention time +0.5 minutes.
(b) Lower Limit = -50% of check standard area; Retention time -0.5 minutes.

7.5

Semivolatile Surrogate Recovery Summary

Job Number: JA11802
Account: CARICH C. A. Rich Consultants
Project: Via Verde, 700-730 Brook Avenue, Bronx, NY

Method: SW846 8270C Matrix: AQ

Samples and QC shown here apply to the above method

Lab Sample ID	Lab File ID	S1	S2	S3	S4	S5	S6
JA11802-10	Z46787.D	43.0	30.0	101.0	100.0	88.0	97.0
OP36854-BS1	Z46786.D	52.0	35.0	125.0	112.0	96.0	99.0
OP36854-MB1	Z46785.D	41.0	29.0	85.0	82.0	70.0	81.0
OP36854-MS	Z46795.D	57.0	49.0	133.0	96.0	87.0	94.0
OP36854-MSD	Z46796.D	57.0	50.0	124.0	93.0	80.0	85.0

Surrogate Compounds	Recovery Limits
S1 = 2-Fluorophenol	10-69%
S2 = Phenol-d5	10-52%
S3 = 2,4,6-Tribromophenol	32-134%
S4 = Nitrobenzene-d5	23-116%
S5 = 2-Fluorobiphenyl	28-109%
S6 = Terphenyl-d14	24-125%

Semivolatile Surrogate Recovery Summary

Job Number: JA11802
Account: CARICH C. A. Rich Consultants
Project: Via Verde, 700-730 Brook Avenue, Bronx, NY

Method: SW846 8270C Matrix: SO

Samples and QC shown here apply to the above method

Lab Sample ID	Lab File ID	S1	S2	S3	S4	S5	S6
JA11802-1	M62905.D	70.0	71.0	69.0	90.0	93.0	86.0
JA11802-2	M62915.D	72.0	71.0	78.0	86.0	91.0	80.0
JA11802-3	M62919.D	65.0	71.0	61.0	85.0	91.0	77.0
JA11802-4	M62916.D	63.0	65.0	76.0	77.0	85.0	83.0
JA11802-5	M62920.D	73.0	76.0	79.0	86.0	92.0	81.0
JA11802-6	M62917.D	67.0	68.0	72.0	81.0	87.0	79.0
JA11802-7	M62918.D	67.0	71.0	72.0	87.0	89.0	88.0
OP36857-BS1	M62889.D	93.0	93.0	99.0	109.0	109.0	96.0
OP36857-MB1	M63195.D	56.0	68.0	38.0	91.0	97.0	83.0
OP36857-MS	M62906.D	67.0	70.0	76.0	83.0	88.0	83.0
OP36857-MSD	M62907.D	72.0	72.0	81.0	88.0	91.0	85.0

Surrogate Compounds	Recovery Limits
S1 = 2-Fluorophenol	29-114%
S2 = Phenol-d5	31-111%
S3 = 2,4,6-Tribromophenol	27-133%
S4 = Nitrobenzene-d5	36-116%
S5 = 2-Fluorobiphenyl	44-111%
S6 = Terphenyl-d14	37-131%

Initial Calibration Summary

Job Number: JA11802
Account: CARICH C. A. Rich Consultants
Project: Via Verde, 700-730 Brook Avenue, Bronx, NY

Sample: EM2202-ICC2202
Lab FileID: M61570.D

Response Factor Report MSM

Method : C:\HPCHEM\1\METHODS\MM2202.M (RTE Integrator)
Title : Semi Volatile Extractables by GC/MS
Last Update : Fri Dec 19 23:21:30 2008
Response via : Initial Calibration

Calibration Files
2 =M61574.D 5 =M61573.D 100 =M61568.D 50 =M61570.D
1 =M61575.D 10 =M61572.D 80 =M61569.D 25 =M61571.D

Compound	2	5	100	50	1	10	80	25	Avg	%RSD
102) I 1,4-Dichlorobenzene-d	ISTD									
103) Benzaldehyde	1.055	0.945	0.858	0.851	1.282	1.084	0.853	0.954	0.985	15.20
104) I Acenaphthene-d10a	ISTD									
105) 1,2,4,5-Tetr	0.721	0.648	0.730	0.635	0.874	0.715	0.696	0.695	0.714	10.19
106) I Phenanthrene-d10a	ISTD									
107) Atrazine	0.108	0.108	0.152	0.133	0.111	0.134	0.143	0.132	0.128	13.17
108) I Chrysene-d12a	ISTD									
109) Benzidine	0.472	0.504	0.584	0.614		0.690	0.592	0.648	0.586	13.09

(#) = Out of Range ### Number of calibration levels exceeded format ###

MM2200.M Fri Dec 19 23:22:32 2008 GCMSM

Initial Calibration Summary

Job Number: JA11802
Account: CARICH C. A. Rich Consultants
Project: Via Verde, 700-730 Brook Avenue, Bronx, NY

Sample: EM2207-ICC2207
Lab FileID: M61676.D

Response Factor Report MSM

Method : C:\HPCHEM\1\METHODS\MM2207.M (RTE Integrator)
Title : Semi Volatile Extractables by GC/MS
Last Update : Tue Dec 23 17:09:21 2008
Response via : Initial Calibration

Calibration Files
2 =M61682.D 5 =M61681.D 100 =M61678.D 50 =M61677.D
1 =M61683.D 10 =M61680.D 80 =M61679.D 25 =M61676.D

Compound	2	5	100	50	1	10	80	25	Avg	%RSD
1) I 1,4-Dichlorobenzene-d	ISTD									
2) 1,4-Dioxane	0.436	0.556	0.473	0.493	0.605	0.534	0.466	0.482	0.506	10.98
3) Pyridine	1.379	1.309	1.300	1.331	1.522	1.418	1.266	1.307	1.354	6.15
4) N-Nitrosodim	1.105	1.201	1.152	1.154	1.376	1.204	1.124	0.967	1.160	9.87
5) 2-Fluorophen	1.087	1.220	1.246	1.248	1.209	1.324	1.198	1.239	1.221	5.45
6) Indene	1.854	2.129	2.016	2.078	2.095	2.167	1.979	2.096	2.052	4.85
7) Cumene	2.570	2.860	2.752	2.832	3.037	3.012	2.650	2.813	2.816	5.72
8) Phenol-d5	1.519	1.579	1.616	1.618	1.499	1.679	1.597	1.638	1.593	3.76
9) Phenol	1.559	1.751	1.704	1.757	1.741	1.859	1.680	1.788	1.730	5.06
10) Aniline	1.774	1.998	1.719	1.893	1.978	2.056	1.671	1.908	1.875	7.44
11) bis(2-Chloro	1.145	1.233	1.162	1.179	1.200	1.255	1.130	1.191	1.187	3.57
12) 2-Chlorophen	1.218	1.354	1.309	1.325	1.391	1.430	1.291	1.334	1.332	4.83
13) Decane	2.015	2.236	2.065	2.158	2.316	2.322	2.024	1.963	2.138	6.62
14) 1,3-Dichloro	1.429	1.608	1.501	1.546	1.617	1.655	1.483	1.572	1.551	4.92
15) 1,4-Dichloro	1.518	1.619	1.532	1.584	1.671	1.657	1.501	1.576	1.582	3.99
16) Benzyl alcoh	0.764	0.899	0.896	0.898	0.877	0.921	0.868	0.894	0.877	5.52
17) 1,2-Dichloro	1.358	1.501	1.423	1.467	1.620	1.550	1.410	1.485	1.477	5.60
18) Acetophenone	1.831	1.977	1.851	1.899	2.088	2.032	1.821	1.906	1.925	5.07
19) 2-Methylphen	1.131	1.168	1.141	1.181	1.103	1.245	1.124	1.184	1.160	3.88
20) 2,2'-oxybis(	0.377	0.437	0.426	0.431	0.450	0.485	0.422	0.428	0.432	6.95
21) 3&4-Methylph	1.157	1.278	1.242	1.241	1.284	1.333	1.220	1.282	1.255	4.18
22) n-Nitroso-di	0.958	1.055	1.001	1.013	1.065	1.049	0.986	0.997	1.015	3.68
23) Hexachloroet	0.602	0.663	0.641	0.666	0.640	0.698	0.629	0.670	0.651	4.50
24) I Naphthalene-d8	ISTD									
25) Nitrobenzene	0.385	0.442	0.438	0.446	0.422	0.450	0.425	0.438	0.431	4.82
26) Nitrobenzene	0.170	0.184	0.183	0.185	0.198	0.194	0.180	0.184	0.185	4.58
27) Quinoline	0.658	0.740	0.701	0.713	0.692	0.735	0.686	0.716	0.705	3.83
28) Isophorone	0.679	0.744	0.705	0.729	0.733	0.754	0.690	0.723	0.720	3.65
29) 2-Nitropheno	0.171	0.199	0.211	0.214	0.188	0.210	0.205	0.210	0.201	7.31
30) 2,4-Dimethyl	0.334	0.370	0.384	0.387	0.372	0.377	0.367	0.373	0.370	4.38
31) Benzoic acid		0.168	0.301	0.282		0.212	0.309	0.236	0.251	22.23
----- Linear regression ----- Coefficient = 0.9979										
Response Ratio = -0.03077 + 0.31556 *A										
32) bis(2-Chloro	0.368	0.417	0.397	0.405	0.386	0.424	0.390	0.410	0.400	4.53
33) 2,4-Dichloro	0.313	0.350	0.352	0.357	0.327	0.364	0.341	0.365	0.346	5.29
34) 2,6-Dichloro	0.322	0.352	0.341	0.356	0.331	0.370	0.337	0.361	0.346	4.68
35) 1,3,5-Trichl	0.407	0.434	0.409	0.426	0.416	0.452	0.400	0.440	0.423	4.26
36) 1,2,4-Trichl	0.402	0.411	0.399	0.406	0.406	0.419	0.393	0.422	0.407	2.44
37) 1,2,3-Trichl	0.377	0.413	0.393	0.405	0.395	0.426	0.384	0.409	0.400	4.02
38) Naphthalene	1.022	1.099	1.040	1.091	1.107	1.145	1.028	1.095	1.078	4.04
39) 4-Chloroanil	0.432	0.460	0.445	0.470	0.443	0.493	0.433	0.459	0.454	4.50
40) 2,3-Dichloro	0.390	0.422	0.411	0.416	0.409	0.435	0.402	0.427	0.414	3.44
41) Caprolactam	0.221	0.246	0.232	0.238		0.244	0.226	0.224	0.233	4.25
42) Hexachlorobu	0.256	0.282	0.272	0.275	0.281	0.291	0.264	0.281	0.275	4.06

7.7

Initial Calibration Summary

Job Number: JA11802
Account: CARICH C. A. Rich Consultants
Project: Via Verde, 700-730 Brook Avenue, Bronx, NY

Sample: EM2207-ICC2207
Lab FileID: M61676.D

43)	4-Chloro-3-m	0.285	0.346	0.346	0.348	0.310	0.355	0.338	0.343	0.334	7.10
44)	2-Methylnaph	0.693	0.814	0.764	0.768	0.793	0.816	0.734	0.777	0.770	5.36
45)	1-Methylnaph	0.668	0.767	0.724	0.725	0.749	0.784	0.694	0.745	0.732	5.16
46)	Dimethylnaph	0.652	0.707	0.685	0.693	0.711	0.737	0.659	0.705	0.694	4.02
47)	I Acenaphthene-d10	ISTD									
48)	Hexachlorocy	0.270	0.325	0.374	0.381	0.286	0.343	0.359	0.380	0.340	12.62
49)	2,4,6-Trichl	0.397	0.446	0.447	0.444	0.442	0.467	0.434	0.457	0.442	4.67
50)	2,4,5-Trichl	0.412	0.480	0.467	0.473	0.452	0.495	0.462	0.480	0.465	5.44
51)	2-Fluorobiph	1.340	1.510	1.371	1.418	1.413	1.514	1.362	1.425	1.419	4.54
52)	2-Chloronaph	1.111	1.210	1.154	1.182	1.221	1.253	1.136	1.188	1.182	3.97
53)	Biphenyl	1.399	1.543	1.412	1.462	1.575	1.575	1.404	1.461	1.479	5.10
54)	2-Nitroanili	0.381	0.397	0.407	0.414	0.365	0.418	0.401	0.392	0.397	4.38
55)	Dimethylphth	1.335	1.429	1.351	1.396	1.400	1.469	1.364	1.376	1.390	3.13
56)	Acenaphthyle	1.683	1.924	1.754	1.850	1.776	1.964	1.754	1.859	1.821	5.22
57)	2,6-Dinitrot	0.254	0.300	0.310	0.313	0.243	0.317	0.310	0.315	0.295	10.00
58)	3-Nitroanili	0.283	0.313	0.332	0.329	0.290	0.349	0.323	0.326	0.318	6.94
59)	Acenaphthene	1.161	1.229	1.139	1.186	1.208	1.226	1.132	1.159	1.180	3.21
60)	2,4-Dinitrop		0.140	0.218	0.210		0.173	0.215	0.197	0.192	15.75
61)	4-Nitropheno	0.167	0.197	0.231	0.226	0.183	0.221	0.222	0.212	0.207	11.03
62)	Dibenzofuran	1.598	1.757	1.637	1.681	1.719	1.795	1.617	1.688	1.687	4.07
63)	2,4-Dinitrot	0.361	0.414	0.442	0.446	0.341	0.447	0.431	0.440	0.415	9.97
64)	2,3,4,6-Tetr	0.345	0.396	0.432	0.431	0.399	0.444	0.429	0.438	0.414	7.99
65)	Diethylphtha	1.261	1.388	1.345	1.372	1.342	1.453	1.327	1.321	1.351	4.15
66)	Fluorene	1.307	1.445	1.379	1.404	1.402	1.489	1.367	1.420	1.402	3.85
67)	4-Chlorophen	0.721	0.782	0.717	0.733	0.728	0.792	0.717	0.748	0.742	3.97
68)	4-Nitroanili	0.266	0.308	0.334	0.327	0.274	0.340	0.333	0.321	0.313	9.02
69)	I Phenanthrene-d10	ISTD									
70)	4,6-Dinitro-		0.127	0.190	0.185		0.157	0.188	0.169	0.169	14.28
71)	n-Nitrosodip	0.514	0.561	0.550	0.557	0.587	0.582	0.540	0.552	0.555	4.16
72)	1,2-Diphenyl	0.754	0.745	0.802	0.801	0.737	0.783	0.782	0.778	0.773	3.19
73)	2,4,6-Tribro	0.092	0.109	0.112	0.114	0.107	0.112	0.109	0.105	0.108	6.30
74)	4-Bromopheny	0.244	0.254	0.256	0.256	0.254	0.267	0.250	0.251	0.254	2.54
75)	Hexachlorobe	0.239	0.261	0.260	0.260	0.287	0.273	0.255	0.253	0.261	5.43
76)	Pentachlorop		0.151	0.191	0.183		0.169	0.185	0.174	0.175	8.20
77)	Phenanthrene	1.190	1.274	1.156	1.185	1.407	1.279	1.144	1.199	1.229	7.08
78)	Anthracene	1.217	1.298	1.184	1.227	1.389	1.337	1.181	1.253	1.261	5.91
79)	Carbazole	1.103	1.171	1.105	1.132	1.253	1.194	1.092	1.125	1.147	4.83
80)	Di-n-butylph	1.217	1.325	1.318	1.356	1.355	1.404	1.308	1.311	1.324	4.07
81)	Fluoranthene	1.461	1.482	1.387	1.408	1.615	1.532	1.378	1.437	1.463	5.49
82)	Octadecane	0.515	0.582	0.577	0.580	0.549	0.609	0.565	0.556	0.567	4.92
83)	I Chrysene-d12	ISTD									
84)	Pyrene	1.278	1.331	1.132	1.173	1.488	1.336	1.139	1.210	1.261	9.68
85)	Butyl steara	0.388	0.400	0.363	0.358	0.517	0.413	0.356	0.347	0.393	14.07
86)	Terphenyl-d1	0.946	1.005	0.896	0.913	1.105	1.026	0.896	0.946	0.967	7.59
87)	Butylbenzylp	0.460	0.499	0.504	0.498	0.484	0.537	0.497	0.490	0.496	4.33
88)	Benzo[a]anth	1.252	1.277	1.133	1.140	1.476	1.302	1.133	1.194	1.238	9.45
89)	3,3'-Dichlor	0.365	0.413	0.423	0.418	0.378	0.458	0.413	0.418	0.411	6.94
90)	Chrysene	1.132	1.199	1.039	1.061	1.347	1.231	1.051	1.106	1.146	9.33
91)	bis(2-Ethylh	0.622	0.686	0.655	0.653	0.706	0.709	0.639	0.665	0.667	4.65
92)	I Perylene-d12	ISTD									
93)	Di-n-octylph	1.138	1.324	1.321	1.328	1.268	1.391	1.338	1.312	1.302	5.73
94)	Benzo[b]fluo	1.155	1.215	1.190	1.182	1.328	1.537	1.298	1.224	1.266	9.81
95)	Benzo[k]fluo	1.208	1.349	1.274	1.232	1.419	1.082	1.117	1.245	1.241	8.93
96)	Benzo[a]pyre	1.067	1.163	1.084	1.105	1.187	1.193	1.098	1.111	1.126	4.28
97)	Indeno[1,2,3	1.098	1.237	1.172	1.144	1.266	1.259	1.149	1.126	1.182	5.43
98)	Dibenz(a,h)a	0.899	0.978	0.932	0.916	1.020	0.992	0.911	0.912	0.945	4.79

Initial Calibration Summary

Job Number: JA11802
Account: CARICH C. A. Rich Consultants
Project: Via Verde, 700-730 Brook Avenue, Bronx, NY

Sample: EM2207-ICC2207
Lab FileID: M61676.D

99)	Dibenz[a,h]a	0.985	1.084	1.022	0.981	1.088	1.093	0.991	0.986	1.029	4.97
100)	7,12-Dimethy	0.402	0.476	0.640	0.569		0.525	0.588	0.558	0.537	14.57
101)	Benzo[g,h,i]	0.968	1.055	0.981	0.972	1.052	1.059	0.966	0.941	1.000	4.77

(#) = Out of Range ### Number of calibration levels exceeded format ###

MM2207.M Tue Dec 23 18:22:58 2008 GCMSM

7.7

7

Initial Calibration Verification

Job Number: JA11802
Account: CARICH C. A. Rich Consultants
Project: Via Verde, 700-730 Brook Avenue, Bronx, NY

Sample: EM2207-ICV2207
Lab FileID: M61684.D

Evaluate Continuing Calibration Report

Data File : C:\HPCHEM\1\DATA\EM2207\M61684.D
Acq On : 23 Dec 2008 3:46 pm
Sample : icv2207-50
Misc : OP36204,eM2207,30.0,,,1,1
MS Integration Params: RTEINT.P

Vial: 10
Operator: kristis
Inst : MSM
Multiplr: 1.00

Method : C:\HPCHEM\1\METHODS\MM2207.M (RTE Integrator)
Title : Semi Volatile Extractables by GC/MS
Last Update : Tue Dec 23 16:28:17 2008
Response via : Multiple Level Calibration

Min. RRF : 0.049 Min. Rel. Area : 49% 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	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	115	0.00	5.27
3 t	Pyridine	1.354	1.251	7.6	108	0.00	2.37
4 t	N-Nitrosodimethylamine	1.160	1.036	10.7	103	0.00	2.35
11 t	bis(2-Chloroethyl)ether	1.187	1.129	4.9	110	0.00	4.92
14 t	1,3-Dichlorobenzene	1.551	1.475	4.9	110	0.00	5.22
15 t	1,4-Dichlorobenzene	1.582	1.481	6.4	108	0.00	5.29
16 t	Benzyl alcohol	0.877	0.788	10.1	101	0.00	5.53
17 t	1,2-Dichlorobenzene	1.477	1.395	5.6	110	0.00	5.59
20 t	2,2'-oxybis(1-Chloropropa	0.432	0.408	5.6	109	0.00	5.79
22 t	n-Nitroso-di-n-propylamin	1.015	0.964	5.0	110	0.00	6.02
23 t	Hexachloroethane	0.651	0.615	5.5	106	0.00	6.10
24 I	Naphthalene-d8	1.000	1.000	0.0	116	0.00	7.45
26 t	Nitrobenzene	0.185	0.174	5.9	109	0.00	6.24
28 t	Isophorone	0.720	0.662	8.1	105	0.00	6.66
32 t	bis(2-Chloroethoxy)methan	0.400	0.392	2.0	112	0.00	7.10
36 t	1,2,4-Trichlorobenzene	0.407	0.391	3.9	112	0.00	7.39
38 t	Naphthalene	1.078	1.032	4.3	110	0.00	7.50
42 t	Hexachlorobutadiene	0.275	0.267	2.9	113	0.00	7.87
44 t	2-Methylnaphthalene	0.770	0.728	5.5	110	0.00	8.80
47 I	Acenaphthene-d10	1.000	1.000	0.0	118	0.00	10.86
48 t	Hexachlorocyclopentadiene	0.340	0.394	-13.7	122	0.00	9.27
52 t	2-Chloronaphthalene	1.182	1.113	5.8	111	0.00	9.73
54 t	2-Nitroaniline	0.397	0.365	8.1	104	0.00	10.03
55 t	Dimethylphthalate	1.390	1.278	8.1	108	0.00	10.51
56 t	Acenaphthylene	1.821	1.566	14.0	100	0.00	10.55
57 t	2,6-Dinitrotoluene	0.295	0.288	2.4	108	0.00	10.61
58 t	3-Nitroaniline	0.318	0.271	14.8	97	0.00	10.85
59 t	Acenaphthene	1.180	1.096	7.1	109	0.00	10.92
62 t	Dibenzofuran	1.687	1.579	6.4	111	0.00	11.24
63 t	2,4-Dinitrotoluene	0.415	0.386	7.0	102	0.00	11.37
65 t	Diethylphthalate	1.351	1.239	8.3	106	0.00	11.93
66 t	Fluorene	1.402	1.323	5.6	111	0.00	11.93
67 t	4-Chlorophenyl-phenylethe	0.742	0.678	8.6	109	0.00	11.98
68 t	4-Nitroaniline	0.313	0.302	3.5	109	0.00	12.07
69 I	Phenanthrene-d10	1.000	1.000	0.0	122	0.00	13.76
71 t	n-Nitrosodiphenylamine	0.555	0.509	8.3	111	0.00	12.23
72 t	1,2-Diphenylhydrazine	0.773	0.677	12.4	103	0.00	12.28
74 t	4-Bromophenyl-phenylether	0.254	0.226	11.0	108	0.00	12.93
75 t	Hexachlorobenzene	0.261	0.225	13.8	106	0.00	13.18
77 t	Phenanthrene	1.229	1.082	12.0	111	0.00	13.80

7.7

Initial Calibration Verification

Job Number: JA11802
Account: CARICH C. A. Rich Consultants
Project: Via Verde, 700-730 Brook Avenue, Bronx, NY

Sample: EM2207-ICV2207
Lab FileID: M61684.D

78	t	Anthracene	1.261	1.126	10.7	112	0.00	13.89
79	t	Carbazole	1.147	1.019	11.2	110	0.00	14.25
80	t	Di-n-butylphthalate	1.324	1.171	11.6	105	0.00	15.15
81	t	Fluoranthene	1.463	1.269	13.3	110	0.00	16.03
83	I	Chrysene-d12	1.000	1.000	0.0	115	0.00	18.18
84	t	Pyrene	1.261	1.107	12.2	109	0.00	16.38
87	t	Butylbenzylphthalate	0.496	0.464	6.5	108	0.00	17.51
88	t	Benzo[a]anthracene	1.238	1.086	12.3	110	0.00	18.16
90	t	Chrysene	1.146	1.029	10.2	112	0.00	18.21
91	t	bis(2-Ethylhexyl)phthalat	0.667	0.606	9.1	107	0.00	18.35
92	I	Perylene-d12	1.000	1.000	0.0	116	0.00	19.93
93	t	Di-n-octylphthalate	1.302	1.211	7.0	106	0.00	19.10
94	t	Benzo[b]fluoranthene	1.266	1.215	4.0	119	0.00	19.50
95	t	Benzo[k]fluoranthene	1.241	1.024	17.5	97	0.00	19.52
96	t	Benzo[a]pyrene	1.126	1.039	7.7	109	0.00	19.86
97	t	Indeno[1,2,3-cd]pyrene	1.182	1.096	7.3	111	0.00	21.29
99	t	Dibenz[a,h]anthracene	1.029	0.944	8.3	112	0.00	21.31
101	t	Benzo[g,h,i]perylene	1.000	0.914	8.6	109	0.00	21.68

(#) = Out of Range SPCC's out = 0 CCC's out = 0
M61677.D MM2207.M Tue Dec 23 16:44:37 2008 GCMSM

7.7

Raw Data: M61685.D

Initial Calibration Verification

Job Number: JA11802
Account: CARICH C. A. Rich Consultants
Project: Via Verde, 700-730 Brook Avenue, Bronx, NY

Sample: EM2207-ICV2207
Lab FileID: M61685.D

Evaluate Continuing Calibration Report

Data File : C:\HPCHEM\1\DATA\EM2207\M61685.D
Acq On : 23 Dec 2008 4:18 pm
Sample : icv2207-50
Misc : OP36204,eM2207,30.0,,,1,1
MS Integration Params: RTEINT.P

Vial: 11
Operator: kristis
Inst : MSM
Multiplr: 1.00

Method : C:\HPCHEM\1\METHODS\MM2207.M (RTE Integrator)
Title : Semi Volatile Extractables by GC/MS
Last Update : Wed Jan 21 20:02:05 2009
Response via : Multiple Level Calibration

Min. RRF : 0.049 Min. Rel. Area : 49% 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	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	126	0.21	5.27
2 t	1,4-Dioxane	0.506	0.437	13.6	112	0.12	2.12
6 t	Indene	2.052	1.992	2.9	121	0.21	5.72
7 t	Cumene	2.816	2.412	14.3	107	0.19	4.19
13 t	Decane	2.138	1.981	7.3	116	0.20	5.07
18 t	Acetophenone	1.925	1.736	9.8	115	0.20	5.96
24 I	Naphthalene-d8	1.000	1.000	0.0	126	0.22	7.45
27 t	Quinoline	0.705	0.661	6.2	117	0.20	8.12
40 t	2,3-Dichloroaniline	0.414	0.348	15.9	105	0.23	9.43
41 t	Caprolactam	0.233	0.188	19.3	99	0.14	8.22
45 t	1-Methylnaphthalene	0.732	0.670	8.5	116	0.23	9.01
46 t	Dimethylnaphthalene	0.694	0.624	10.1	113	0.23	10.03
47 I	Acenaphthene-d10	1.000	1.000	0.0	122	0.23	10.86
53 t	Biphenyl	1.479	1.378	6.8	115	0.23	9.74
69 I	Phenanthrene-d10	1.000	1.000	0.0	120	0.24	13.76
82 t	Octadecane	0.567	0.538	5.1	112	0.23	13.74
92 I	Perylene-d12	1.000	1.000	0.0	114	0.19	19.93
98 t	Dibenz(a,h)acridine	0.945	0.877	7.2	109	0.24	20.97
100 t	7,12-Dimethylbenz(a)anthr	0.537	0.473	11.9	95	0.17	19.51

(#) = Out of Range SPCC's out = 0 CCC's out = 0
M62379.D MM2207.M Mon Jan 26 09:36:19 2009 GCMSM

7.7

Raw Data: M61686.D

Initial Calibration Verification

Job Number: JA11802
Account: CARICH C. A. Rich Consultants
Project: Via Verde, 700-730 Brook Avenue, Bronx, NY

Sample: EM2207-ICV2207
Lab FileID: M61686.D

Evaluate Continuing Calibration Report

Data File : C:\HPCHEM\1\DATA\EM2207\M61686.D
Acq On : 23 Dec 2008 4:50 pm
Sample : icv2207-50
Misc : OP36204,eM2207,30.0,,,1,1
MS Integration Params: RTEINT.P

Vial: 12
Operator: kristis
Inst : MSM
Multiplr: 1.00

Method : C:\HPCHEM\1\METHODS\MM2207.M (RTE Integrator)
Title : Semi Volatile Extractables by GC/MS
Last Update : Tue Dec 23 17:09:21 2008
Response via : Multiple Level Calibration

Min. RRF : 0.049 Min. Rel. Area : 49% 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	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	125	-0.01	5.27
9 t	Phenol	1.730	1.533	11.4	109	-0.01	4.81
12 t	2-Chlorophenol	1.332	1.288	3.3	121	0.00	5.00
19 t	2-Methylphenol	1.160	1.139	1.8	120	0.00	5.75
21 t	3&4-Methylphenol	1.255	1.207	3.8	122	0.00	6.00
24 I	Naphthalene-d8	1.000	1.000	0.0	123	-0.01	7.45
29 t	2-Nitrophenol	0.201	0.200	0.5	115	-0.01	6.81
30 t	2,4-Dimethylphenol	0.370	0.391	-5.7	124	0.00	6.93
		True	Calc.	% Drift			
31 t	Benzoic acid	50.000	41.096	17.8	90	0.03	7.17
33 t	2,4-Dichlorophenol	0.346	0.345	0.3	119	-0.01	7.23
34 t	2,6-Dichlorophenol	0.346	0.343	0.9	119	-0.01	7.67
43 t	4-Chloro-3-methylphenol	0.334	0.330	1.2	117	-0.01	8.63
47 I	Acenaphthene-d10	1.000	1.000	0.0	124	-0.01	10.86
49 t	2,4,6-Trichlorophenol	0.442	0.429	2.9	120	-0.01	9.43
50 t	2,4,5-Trichlorophenol	0.465	0.461	0.9	121	-0.01	9.49
60 t	2,4-Dinitrophenol	0.192	0.186	3.1	110	-0.01	11.04
61 t	4-Nitrophenol	0.207	0.202	2.4	111	0.00	11.26
64	2,3,4,6-Tetrachlorophenol	0.414	0.390	5.8	112	0.00	11.60
69 I	Phenanthrene-d10	1.000	1.000	0.0	123	-0.01	13.75
70 t	4,6-Dinitro-2-methylpheno	0.169	0.161	4.7	107	-0.01	12.15
76 t	Pentachlorophenol	0.175	0.168	4.0	112	-0.01	13.55

(#) = Out of Range SPCC's out = 0 CCC's out = 0
M61677.D MM2207.M Tue Dec 23 17:23:13 2008 GCMSM

7.7

Raw Data: M61687.D

Initial Calibration Verification

Job Number: JA11802
Account: CARICH C. A. Rich Consultants
Project: Via Verde, 700-730 Brook Avenue, Bronx, NY

Sample: EM2207-ICV2207
Lab FileID: M61687.D

Evaluate Continuing Calibration Report

Data File : C:\HPCHEM\1\DATA\EM2207\M61687.D
Acq On : 23 Dec 2008 5:21 pm
Sample : icv2207-50
Misc : OP36204,eM2207,30.0,,,1,1
MS Integration Params: RTEINT.P

Vial: 13
Operator: kristis
Inst : MSM
Multiplr: 1.00

Method : C:\HPCHEM\1\METHODS\MM2207.M (RTE Integrator)
Title : Semi Volatile Extractables by GC/MS
Last Update : Tue Dec 23 17:09:21 2008
Response via : Multiple Level Calibration

Min. RRF : 0.049 Min. Rel. Area : 49% 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	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	126	0.00	5.27
10	t	Aniline	1.875	1.939	-3.4	129	0.00	4.83
24	I	Naphthalene-d8	1.000	1.000	0.0	128	0.00	7.45
39	t	4-Chloroaniline	0.454	0.497	-9.5	136	0.00	7.66
83	I	Chrysene-d12	1.000	1.000	0.0	135	0.00	18.18
89	t	3,3'-Dichlorobenzidine	0.411	0.446	-8.5	143	0.00	18.17

(#) = Out of Range SPCC's out = 0 CCC's out = 0
M61677.D MM2207.M Tue Dec 23 17:57:49 2008 GCMSM

7.7

Raw Data: M62885.D

Continuing Calibration Summary

Job Number: JA11802
Account: CARICH C. A. Rich Consultants
Project: Via Verde, 700-730 Brook Avenue, Bronx, NY

Sample: EM2264-CC2207
Lab FileID: M62885.D

Evaluate Continuing Calibration Report

Data File : C:\HPCHEM\1\DATA\EM2264\M62885.D
Acq On : 11 Feb 2009 10:08 am
Sample : cc2207-50
Misc : OP36763,eM2264,1000,,,1,1
MS Integration Params: RTEINT.P

Vial: 2
Operator: kristis
Inst : MSM
Multiplr: 1.00

Method : C:\HPCHEM\1\METHODS\MM2207.M (RTE Integrator)
Title : Semi Volatile Extractables by GC/MS
Last Update : Fri Feb 06 15:52:41 2009
Response via : Multiple Level Calibration

Min. RRF : 0.049 Min. Rel. Area : 49% 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	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	114	-0.03	4.89
2	t	1,4-Dioxane	0.506	0.498	1.6	115	-0.03	1.89
3	t	Pyridine	1.354	1.267	6.4	108	-0.03	2.12
4	t	N-Nitrosodimethylamine	1.160	1.254	-8.1	124	-0.03	2.11
5	S	2-Fluorophenol	1.221	1.168	4.3	107	-0.03	3.28
6	t	Indene	2.052	2.018	1.7	111	-0.02	5.33
7	t	Cumene	2.816	2.870	-1.9	115	-0.03	3.84
8	S	Phenol-d5	1.593	1.576	1.1	111	-0.02	4.48
9	t	Phenol	1.730	1.668	3.6	108	-0.01	4.50
10	t	Aniline	1.875	1.471	21.5#	89	-0.02	4.48
11	t	bis(2-Chloroethyl)ether	1.187	1.079	9.1	104	-0.02	4.57
12	t	2-Chlorophenol	1.332	1.312	1.5	113	-0.02	4.64
13	t	Decane	2.138	2.231	-4.3	118	-0.02	4.70
14	t	1,3-Dichlorobenzene	1.551	1.564	-0.8	115	-0.03	4.83
15	t	1,4-Dichlorobenzene	1.582	1.570	0.8	113	-0.02	4.92
16	t	Benzyl alcohol	0.877	0.861	1.8	109	-0.02	5.18
17	t	1,2-Dichlorobenzene	1.477	1.493	-1.1	116	-0.02	5.21
18	t	Acetophenone	1.925	1.781	7.5	107	-0.02	5.59
19	t	2-Methylphenol	1.160	1.099	5.3	106	-0.02	5.41
20	t	2,2'-oxybis(1-Chloropropa	0.432	0.421	2.5	111	-0.02	5.41
21	t	3&4-Methylphenol	1.255	1.182	5.8	109	-0.02	5.66
22	t	n-Nitroso-di-n-propylamin	1.015	1.014	0.1	114	-0.01	5.65
23	t	Hexachloroethane	0.651	0.674	-3.5	115	-0.02	5.69
24	I	Naphthalene-d8	1.000	1.000	0.0	110	-0.02	7.05
25	S	Nitrobenzene-d5	0.431	0.456	-5.8	112	-0.02	5.84
26	t	Nitrobenzene	0.185	0.179	3.2	106	-0.02	5.87
27	t	Quinoline	0.705	0.676	4.1	104	-0.01	7.74
28	t	Isophorone	0.720	0.702	2.5	106	-0.02	6.27
29	t	2-Nitrophenol	0.201	0.215	-7.0	111	-0.02	6.43
30	t	2,4-Dimethylphenol	0.370	0.377	-1.9	107	-0.02	6.57
			True	Calc.	% Drift			
31	t	Benzoic acid	50.000	46.176	7.6	104	0.06	6.94
			AvgRF	CCRF	% Dev			
32	t	bis(2-Chloroethoxy)methan	0.400	0.386	3.5	105	-0.02	6.72
33	t	2,4-Dichlorophenol	0.346	0.361	-4.3	111	-0.02	6.87
34	t	2,6-Dichlorophenol	0.346	0.368	-6.4	114	-0.02	7.28
35	t	1,3,5-Trichlorobenzene	0.423	0.450	-6.4	116	-0.02	6.43
36	t	1,2,4-Trichlorobenzene	0.407	0.413	-1.5	112	-0.02	6.99
37	t	1,2,3-Trichlorobenzene	0.400	0.408	-2.0	111	-0.03	7.42

7.7

Continuing Calibration Summary

Job Number: JA11802
Account: CARICH C. A. Rich Consultants
Project: Via Verde, 700-730 Brook Avenue, Bronx, NY

Sample: EM2264-CC2207
Lab FileID: M62885.D

38	t	Naphthalene	1.078	1.084	-0.6	109	-0.02	7.08
39	t	4-Chloroaniline	0.454	0.435	4.2	102	-0.02	7.28
40	t	2,3-Dichloroaniline	0.414	0.419	-1.2	111	-0.03	9.02
41	t	Caprolactam	0.233	0.216	7.3	100	0.03	7.93
42	t	Hexachlorobutadiene	0.275	0.293	-6.5	117	-0.02	7.45
43	t	4-Chloro-3-methylphenol	0.334	0.351	-5.1	111	-0.02	8.29
44	t	2-Methylnaphthalene	0.770	0.794	-3.1	114	-0.02	8.39
45	t	1-Methylnaphthalene	0.732	0.742	-1.4	112	-0.03	8.58
46	t	Dimethylnaphthalene	0.694	0.720	-3.7	114	-0.03	9.61
47	I	Acenaphthene-d10	1.000	1.000	0.0	110	-0.03	10.42
48	t	Hexachlorocyclopentadiene	0.340	0.310	8.8	90	-0.02	8.84
49	t	2,4,6-Trichlorophenol	0.442	0.438	0.9	109	-0.02	9.04
50	t	2,4,5-Trichlorophenol	0.465	0.459	1.3	107	-0.02	9.13
51	S	2-Fluorobiphenyl	1.419	1.435	-1.1	112	-0.02	9.17
52	t	2-Chloronaphthalene	1.182	1.217	-3.0	114	-0.02	9.32
53	t	Biphenyl	1.479	1.527	-3.2	115	-0.02	9.33
54	t	2-Nitroaniline	0.397	0.412	-3.8	110	-0.02	9.64
55	t	Dimethylphthalate	1.390	1.407	-1.2	111	-0.02	10.09
56	t	Acenaphthylene	1.821	1.805	0.9	108	-0.03	10.11
57	t	2,6-Dinitrotoluene	0.295	0.308	-4.4	108	-0.02	10.21
58	t	3-Nitroaniline	0.318	0.308	3.1	103	-0.02	10.47
59	t	Acenaphthene	1.180	1.165	1.3	108	-0.02	10.49
60	t	2,4-Dinitrophenol	0.192	0.174	9.4	91	-0.02	10.68
61	t	4-Nitrophenol	0.207	0.213	-2.9	104	-0.03	10.96
62	t	Dibenzofuran	1.687	1.648	2.3	108	-0.03	10.81
63	t	2,4-Dinitrotoluene	0.415	0.428	-3.1	106	-0.02	10.98
64		2,3,4,6-Tetrachlorophenol	0.414	0.401	3.1	103	-0.03	11.19
65	t	Diethylphthalate	1.351	1.406	-4.1	113	-0.01	11.51
66	t	Fluorene	1.402	1.426	-1.7	112	-0.02	11.49
67	t	4-Chlorophenyl-phenylethe	0.742	0.711	4.2	107	-0.02	11.54
68	t	4-Nitroaniline	0.313	0.279	10.9	94	-0.01	11.70
69	I	Phenanthrene-d10	1.000	1.000	0.0	115	-0.03	13.31
70	t	4,6-Dinitro-2-methylpheno	0.169	0.155	8.3	97	-0.01	11.79
71	t	n-Nitrosodiphenylamine	0.555	0.518	6.7	107	-0.02	11.81
72	t	1,2-Diphenylhydrazine	0.773	0.812	-5.0	117	-0.02	11.84
73	S	2,4,6-Tribromophenol	0.108	0.098	9.3	100	-0.02	12.02
74	t	4-Bromophenyl-phenylether	0.254	0.237	6.7	107	-0.03	12.48
75	t	Hexachlorobenzene	0.261	0.237	9.2	105	-0.02	12.74
76	t	Pentachlorophenol	0.175	0.151	13.7	95	-0.02	13.14
77	t	Phenanthrene	1.229	1.125	8.5	109	-0.03	13.35
78	t	Anthracene	1.261	1.135	10.0	107	-0.03	13.45
79	t	Carbazole	1.147	1.043	9.1	106	-0.03	13.83
80	t	Di-n-butylphthalate	1.324	1.357	-2.5	115	-0.02	14.75
81	t	Fluoranthene	1.463	1.351	7.7	111	-0.02	15.64
82	t	Octadecane	0.567	0.592	-4.4	118	-0.03	13.31
83	I	Chrysene-d12	1.000	1.000	0.0	114	-0.03	17.83
84	t	Pyrene	1.261	1.131	10.3	110	-0.02	16.00
85		Butyl stearate	0.393	0.402	-2.3	128	-0.02	17.26
86	S	Terphenyl-d14	0.967	0.874	9.6	109	-0.02	16.34
87	t	Butylbenzylphthalate	0.496	0.490	1.2	113	-0.02	17.17
88	t	Benzo[a]anthracene	1.238	1.114	10.0	112	-0.02	17.81
89	t	3,3'-Dichlorobenzidine	0.411	0.394	4.1	108	-0.03	17.83
90	t	Chrysene	1.146	1.052	8.2	113	-0.02	17.88
91	t	bis(2-Ethylhexyl)phthalat	0.667	0.661	0.9	116	-0.03	18.02
92	I	Perylene-d12	1.000	1.000	0.0	103	-0.03	19.58
93	t	Di-n-octylphthalate	1.302	1.478	-13.5	115	-0.02	18.78

7.7

Continuing Calibration Summary

Job Number: JA11802
Account: CARICH C. A. Rich Consultants
Project: Via Verde, 700-730 Brook Avenue, Bronx, NY

Sample: EM2264-CC2207
Lab FileID: M62885.D

94 t	Benzo[b]fluoranthene	1.266	1.460	-15.3	127	-0.02	19.18
95 t	Benzo[k]fluoranthene	1.241	1.210	2.5	101	-0.02	19.20
96 t	Benzo[a]pyrene	1.126	1.198	-6.4	112	-0.02	19.53
97 t	Indeno[1,2,3-cd]pyrene	1.182	1.264	-6.9	114	-0.03	20.84
98 t	Dibenz(a,h)acridine	0.945	0.938	0.7	105	-0.03	20.55
99 t	Dibenz[a,h]anthracene	1.029	1.099	-6.8	115	-0.03	20.85
100 t	7,12-Dimethylbenz(a)anthr	0.537	0.511	4.8	92	-0.02	19.19
101 t	Benzo[g,h,i]perylene	1.000	0.990	1.0	105	-0.03	21.18

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

M62379.D MM2207.M Wed Feb 11 15:25:43 2009 GCMSM

7.7

Raw Data: M62886.D

Continuing Calibration Summary

Job Number: JA11802
Account: CARICH C. A. Rich Consultants
Project: Via Verde, 700-730 Brook Avenue, Bronx, NY

Sample: EM2264-CC2202
Lab FileID: M62886.D

Evaluate Continuing Calibration Report

Data File : C:\HPCHEM\1\DATA\EM2264\M62886.D
Acq On : 11 Feb 2009 10:40 am
Sample : cc2202-25
Misc : OP36763,eM2264,1000,,,1,1
MS Integration Params: RTEINT.P

Vial: 3
Operator: kristis
Inst : MSM
Multiplr: 1.00

Method : C:\HPCHEM\1\METHODS\MM2207.M (RTE Integrator)
Title : Semi Volatile Extractables by GC/MS
Last Update : Fri Feb 06 15:52:41 2009
Response via : Multiple Level Calibration

Min. RRF : 0.049 Min. Rel. Area : 49% Max. R.T. Dev 0.50min
Max. RRF Dev : 20% Max. Rel. Area : 200%

	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)	R.T.
102 I	1,4-Dichlorobenzene-d4a	1.000	1.000	0.0	193	-0.03	4.89
103 t	Benzaldehyde	0.985	0.789	19.9	160	-0.37	4.28
104 I	Acenaphthene-d10a	1.000	1.000	0.0	186	-0.03	10.42
105 I	1,2,4,5-Tetrachlorobenzen	0.714	0.670	6.2	179	-0.13	8.79
106 I	Phenanthrene-d10a	1.000	1.000	0.0	178	-0.03	13.31
107 t	Atrazine	0.128	0.143	-11.7	194	-0.41	12.99
108 I	Chrysene-d12a	1.000	1.000	0.0	182	-0.03	17.83
109 t	Benzidine	0.586	0.360	38.6#	101	-0.04	15.94

(#) = Out of Range SPCC's out = 0 CCC's out = 0
M62817.D MM2207.M Wed Feb 11 15:27:40 2009 GCMSM

7.7

Raw Data: M62911.D

Continuing Calibration Summary

Job Number: JA11802
Account: CARICH C. A. Rich Consultants
Project: Via Verde, 700-730 Brook Avenue, Bronx, NY

Sample: EM2265-CC2207
Lab FileID: M62911.D

Evaluate Continuing Calibration Report

Data File : C:\HPCHEM\1\DATA\EM2265\M62911.D
Acq On : 11 Feb 2009 9:01 pm
Sample : cc2207-25
Misc : OP36857,eM2265,1000,,,1,1
MS Integration Params: RTEINT.P

Vial: 2
Operator: larisap
Inst : MSM
Multiplr: 1.00

Method : C:\HPCHEM\1\METHODS\MM2207.M (RTE Integrator)
Title : Semi Volatile Extractables by GC/MS
Last Update : Thu Feb 12 09:46:35 2009
Response via : Multiple Level Calibration

Min. RRF : 0.049 Min. Rel. Area : 49% 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	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	72	-0.08	4.90
2	t	1,4-Dioxane	0.506	0.456	9.9	68	-0.04	1.90
3	t	Pyridine	1.354	1.195	11.7	65	-0.04	2.14
4	t	N-Nitrosodimethylamine	1.160	1.205	-3.9	89	-0.04	2.13
5	S	2-Fluorophenol	1.221	1.114	8.8	64	-0.06	3.30
6	t	Indene	2.052	1.900	7.4	65	-0.08	5.33
7	t	Cumene	2.816	2.759	2.0	70	-0.07	3.85
8	S	Phenol-d5	1.593	1.411	11.4	62	-0.07	4.49
9	t	Phenol	1.730	1.547	10.6	62	-0.08	4.50
10	t	Aniline	1.875	1.357	27.6#	51	-0.07	4.49
11	t	bis(2-Chloroethyl)ether	1.187	1.024	13.7	61	-0.07	4.57
12	t	2-Chlorophenol	1.332	1.277	4.1	68	-0.08	4.65
13	t	Decane	2.138	2.188	-2.3	80	-0.07	4.71
14	t	1,3-Dichlorobenzene	1.551	1.496	3.5	68	-0.07	4.84
15	t	1,4-Dichlorobenzene	1.582	1.531	3.2	69	-0.07	4.93
16	t	Benzyl alcohol	0.877	0.770	12.2	62	-0.07	5.19
17	t	1,2-Dichlorobenzene	1.477	1.413	4.3	68	-0.08	5.21
18	t	Acetophenone	1.925	1.646	14.5	62	-0.08	5.60
19	t	2-Methylphenol	1.160	0.997	14.1	60	-0.07	5.42
20	t	2,2'-oxybis(1-Chloropropa	0.432	0.400	7.4	67	-0.08	5.41
21	t	3&4-Methylphenol	1.255	1.081	13.9	60	-0.07	5.67
22	t	n-Nitroso-di-n-propylamin	1.015	0.937	7.7	67	-0.08	5.65
23	t	Hexachloroethane	0.651	0.692	-6.3	74	-0.08	5.69
24	I	Naphthalene-d8	1.000	1.000	0.0	68	-0.08	7.05
25	S	Nitrobenzene-d5	0.431	0.431	0.0	67	-0.08	5.84
26	t	Nitrobenzene	0.185	0.173	6.5	64	-0.08	5.87
27	t	Quinoline	0.705	0.650	7.8	62	-0.10	7.73
28	t	Isophorone	0.720	0.678	5.8	64	-0.09	6.27
29	t	2-Nitrophenol	0.201	0.202	-0.5	65	-0.08	6.43
30	t	2,4-Dimethylphenol	0.370	0.346	6.5	63	-0.08	6.57
			True	Calc.	% Drift			
31	t	Benzoic acid	25.000	16.879	32.5#	47	-0.15	6.87
			AvgRF	CCRF	% Dev			
32	t	bis(2-Chloroethoxy)methan	0.400	0.363	9.3	60	-0.08	6.72
33	t	2,4-Dichlorophenol	0.346	0.340	1.7	63	-0.08	6.88
34	t	2,6-Dichlorophenol	0.346	0.345	0.3	65	-0.09	7.28
35	t	1,3,5-Trichlorobenzene	0.423	0.439	-3.8	68	-0.09	6.43
36	t	1,2,4-Trichlorobenzene	0.407	0.414	-1.7	66	-0.09	6.99
37	t	1,2,3-Trichlorobenzene	0.400	0.403	-0.8	67	-0.08	7.43

7.1

Continuing Calibration Summary

Job Number: JA11802
Account: CARICH C. A. Rich Consultants
Project: Via Verde, 700-730 Brook Avenue, Bronx, NY

Sample: EM2265-CC2207
Lab FileID: M62911.D

38 t	Naphthalene	1.078	1.045	3.1	65	-0.09	7.08
39 t	4-Chloroaniline	0.454	0.422	7.0	62	-0.09	7.28
40 t	2,3-Dichloroaniline	0.414	0.410	1.0	65	-0.08	9.03
41 t	Caprolactam	0.233	0.211	9.4	64	-0.14	7.89
42 t	Hexachlorobutadiene	0.275	0.303	-10.2	73	-0.08	7.45
43 t	4-Chloro-3-methylphenol	0.334	0.342	-2.4	68	-0.09	8.30
44 t	2-Methylnaphthalene	0.770	0.761	1.2	66	-0.09	8.38
45 t	1-Methylnaphthalene	0.732	0.719	1.8	65	-0.09	8.58
46 t	Dimethylnaphthalene	0.694	0.690	0.6	66	-0.09	9.60
47 I	Acenaphthene-d10	1.000	1.000	0.0	66	-0.10	10.42
48 t	Hexachlorocyclopentadiene	0.340	0.282	17.1	49	-0.09	8.84
49 t	2,4,6-Trichlorophenol	0.442	0.438	0.9	63	-0.09	9.05
50 t	2,4,5-Trichlorophenol	0.465	0.465	0.0	64	-0.09	9.14
51 S	2-Fluorobiphenyl	1.419	1.439	-1.4	67	-0.09	9.17
52 t	2-Chloronaphthalene	1.182	1.228	-3.9	68	-0.09	9.31
53 t	Biphenyl	1.479	1.493	-0.9	68	-0.09	9.33
54 t	2-Nitroaniline	0.397	0.402	-1.3	68	-0.09	9.64
55 t	Dimethylphthalate	1.390	1.432	-3.0	69	-0.09	10.09
56 t	Acenaphthylene	1.821	1.826	-0.3	65	-0.09	10.12
57 t	2,6-Dinitrotoluene	0.295	0.310	-5.1	65	-0.09	10.20
58 t	3-Nitroaniline	0.318	0.293	7.9	60	-0.09	10.47
59 t	Acenaphthene	1.180	1.187	-0.6	68	-0.10	10.48
60 t	2,4-Dinitrophenol	0.192	0.163	15.1	55	-0.08	10.70
61 t	4-Nitrophenol	0.207	0.179	13.5	56	-0.05	11.01
62 t	Dibenzofuran	1.687	1.706	-1.1	67	-0.10	10.81
63 t	2,4-Dinitrotoluene	0.415	0.442	-6.5	66	-0.09	10.98
64	2,3,4,6-Tetrachlorophenol	0.414	0.395	4.6	60	-0.09	11.20
65 t	Diethylphthalate	1.351	1.488	-10.1	74	-0.10	11.50
66 t	Fluorene	1.402	1.425	-1.6	66	-0.10	11.48
67 t	4-Chlorophenyl-phenylethe	0.742	0.769	-3.6	68	-0.09	11.54
68 t	4-Nitroaniline	0.313	0.290	7.3	60	-0.10	11.70
69 I	Phenanthrene-d10	1.000	1.000	0.0	70	-0.10	13.31
70 t	4,6-Dinitro-2-methylpheno	0.169	0.151	10.7	62	-0.09	11.79
71 t	n-Nitrosodiphenylamine	0.555	0.526	5.2	66	-0.10	11.80
72 t	1,2-Diphenylhydrazine	0.773	0.806	-4.3	72	-0.10	11.84
73 S	2,4,6-Tribromophenol	0.108	0.109	-0.9	72	-0.10	12.02
74 t	4-Bromophenyl-phenylether	0.254	0.249	2.0	69	-0.10	12.48
75 t	Hexachlorobenzene	0.261	0.257	1.5	71	-0.09	12.74
76 t	Pentachlorophenol	0.175	0.144	17.7	58	-0.10	13.13
77 t	Phenanthrene	1.229	1.146	6.8	66	-0.10	13.35
78 t	Anthracene	1.261	1.170	7.2	65	-0.10	13.44
79 t	Carbazole	1.147	1.079	5.9	67	-0.09	13.84
80 t	Di-n-butylphthalate	1.324	1.363	-2.9	72	-0.09	14.75
81 t	Fluoranthene	1.463	1.404	4.0	68	-0.09	15.64
82 t	Octadecane	0.567	0.568	-0.2	71	-0.09	13.31
83 I	Chrysene-d12	1.000	1.000	0.0	75	-0.09	17.83
84 t	Pyrene	1.261	1.114	11.7	69	-0.09	16.00
85	Butyl stearate	0.393	0.394	-0.3	85	-0.07	17.25
86 S	Terphenyl-d14	0.967	0.908	6.1	72	-0.08	16.34
87 t	Butylbenzylphthalate	0.496	0.495	0.2	76	-0.08	17.17
88 t	Benzo[a]anthracene	1.238	1.138	8.1	72	-0.08	17.81
89 t	3,3'-Dichlorobenzidine	0.411	0.416	-1.2	75	-0.08	17.83
90 t	Chrysene	1.146	1.073	6.4	73	-0.08	17.87
91 t	bis(2-Ethylhexyl)phthalat	0.667	0.674	-1.0	76	-0.07	18.02
92 I	Perylene-d12	1.000	1.000	0.0	76	-0.08	19.59
93 t	Di-n-octylphthalate	1.302	1.348	-3.5	78	-0.07	18.77

7.7

Continuing Calibration Summary

Job Number: JA11802
Account: CARICH C. A. Rich Consultants
Project: Via Verde, 700-730 Brook Avenue, Bronx, NY

Sample: EM2265-CC2207
Lab FileID: M62911.D

94	t	Benzo[b]fluoranthene	1.266	1.441	-13.8	90	-0.08	19.18
95	t	Benzo[k]fluoranthene	1.241	1.028	17.2	63	-0.09	19.20
96	t	Benzo[a]pyrene	1.126	1.140	-1.2	78	-0.08	19.53
97	t	Indeno[1,2,3-cd]pyrene	1.182	1.222	-3.4	83	-0.12	20.83
98	t	Dibenz(a,h)acridine	0.945	0.944	0.1	79	-0.11	20.54
99	t	Dibenz[a,h]anthracene	1.029	1.043	-1.4	80	-0.11	20.84
100	t	7,12-Dimethylbenz(a)anthr	0.537	0.392	27.0#	53	-0.09	19.18
101	t	Benzo[g,h,i]perylene	1.000	1.006	-0.6	81	-0.12	21.18

(#) = Out of Range SPCC's out = 0 CCC's out = 0
M62817.D MM2207.M Thu Feb 12 14:33:42 2009 GCMSM

7.7

Raw Data: M62912.D

Continuing Calibration Summary

Job Number: JA11802
Account: CARICH C. A. Rich Consultants
Project: Via Verde, 700-730 Brook Avenue, Bronx, NY

Sample: EM2265-CC2202
Lab FileID: M62912.D

Evaluate Continuing Calibration Report

Data File : C:\HPCHEM\1\DATA\EM2265\M62912.D
Acq On : 11 Feb 2009 9:33 pm
Sample : cc2202-25
Misc : OP36857,eM2265,1000,,,1,1
MS Integration Params: RTEINT.P

Vial: 3
Operator: larisap
Inst : MSM
Multiplr: 1.00

Method : C:\HPCHEM\1\METHODS\MM2207.M (RTE Integrator)
Title : Semi Volatile Extractables by GC/MS
Last Update : Thu Feb 12 09:46:35 2009
Response via : Multiple Level Calibration

Min. RRF : 0.049 Min. Rel. Area : 49% Max. R.T. Dev 0.50min
Max. RRF Dev : 20% Max. Rel. Area : 200%

	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)	R.T.
102 I	1,4-Dichlorobenzene-d4a	1.000	1.000	0.0	93	-0.08	4.90
103 t	Benzaldehyde	0.985	0.791	19.7	77	-0.07	4.29
104 I	Acenaphthene-d10a	1.000	1.000	0.0	91	-0.10	10.42
105 I	1,2,4,5-Tetrachlorobenzen	0.714	0.678	5.0	89	-0.13	8.79
106 I	Phenanthrene-d10a	1.000	1.000	0.0	92	-0.11	13.30
107 t	Atrazine	0.128	0.144	-12.5	100	-0.09	12.99
108 I	Chrysene-d12a	1.000	1.000	0.0	102	-0.09	17.83
109 t	Benzidine	0.586	0.473	19.3	74	-0.09	15.94

(#) = Out of Range SPCC's out = 0 CCC's out = 0
M62817.D MM2207.M Thu Feb 12 14:35:54 2009 GCMSM

7.7

Continuing Calibration Summary

Job Number: JA11802
Account: CARICH C. A. Rich Consultants
Project: Via Verde, 700-730 Brook Avenue, Bronx, NY

Sample: EM2282-CC2207
Lab FileID: M63193.D

Evaluate Continuing Calibration Report

Data File : C:\HPCHEM\1\DATA\EM2282\M63193.D
Acq On : 24 Feb 2009 12:55 pm
Sample : cc2207-25
Misc : OP36990,eM2282,1000,,,1,1
MS Integration Params: RTEINT.P

Vial: 2
Operator: kristis
Inst : MSM
Multiplr: 1.00

Method : C:\HPCHEM\1\METHODS\MM2207.M (RTE Integrator)
Title : Semi Volatile Extractables by GC/MS
Last Update : Tue Feb 17 15:46:41 2009
Response via : Multiple Level Calibration

Min. RRF : 0.049 Min. Rel. Area : 49% 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	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	120	-0.08	4.85
2	t	1,4-Dioxane	0.506	0.550	-8.7	137	-0.05	1.88
3	t	Pyridine	1.354	1.353	0.1	125	-0.06	2.12
4	t	N-Nitrosodimethylamine	1.160	1.395	-20.3#	174	-0.05	2.11
5	S	2-Fluorophenol	1.221	1.167	4.4	113	-0.03	3.31
6	t	Indene	2.052	1.949	5.0	112	-0.08	5.29
7	t	Cumene	2.816	2.786	1.1	119	-0.08	3.81
8	S	Phenol-d5	1.593	1.328	16.6	98	-0.07	4.47
9	t	Phenol	1.730	1.640	5.2	110	-0.07	4.49
10	t	Aniline	1.875	1.325	29.3#	84	-0.08	4.46
11	t	bis(2-Chloroethyl)ether	1.187	1.222	-2.9	123	-0.08	4.53
12	t	2-Chlorophenol	1.332	1.297	2.6	117	-0.08	4.61
13	t	Decane	2.138	2.200	-2.9	135	-0.08	4.66
14	t	1,3-Dichlorobenzene	1.551	1.529	1.4	117	-0.08	4.80
15	t	1,4-Dichlorobenzene	1.582	1.559	1.5	119	-0.08	4.88
16	t	Benzyl alcohol	0.877	0.747	14.8	100	-0.06	5.16
17	t	1,2-Dichlorobenzene	1.477	1.467	0.7	119	-0.09	5.16
18	t	Acetophenone	1.925	1.767	8.2	112	-0.08	5.56
19	t	2-Methylphenol	1.160	1.057	8.9	107	-0.07	5.40
20	t	2,2'-oxybis(1-Chloropropa	0.432	0.398	7.9	112	-0.08	5.37
21	t	3&4-Methylphenol	1.255	1.076	14.3	101	-0.06	5.66
22	t	n-Nitroso-di-n-propylamin	1.015	0.954	6.0	115	-0.08	5.61
23	t	Hexachloroethane	0.651	0.624	4.1	112	-0.09	5.64
24	I	Naphthalene-d8	1.000	1.000	0.0	109	-0.09	7.00
25	S	Nitrobenzene-d5	0.431	0.448	-3.9	112	-0.08	5.81
26	t	Nitrobenzene	0.185	0.185	0.0	110	-0.08	5.84
27	t	Quinoline	0.705	0.681	3.4	104	-0.07	7.71
28	t	Isophorone	0.720	0.748	-3.9	113	-0.09	6.23
29	t	2-Nitrophenol	0.201	0.205	-2.0	106	-0.07	6.41
30	t	2,4-Dimethylphenol	0.370	0.363	1.9	106	-0.07	6.55
			True	Calc.	% Drift			
31	t	Benzoic acid	25.000	12.348	50.6#	49	-0.07	6.90
			AvgRF	CCRF	% Dev			
32	t	bis(2-Chloroethoxy)methan	0.400	0.402	-0.5	107	-0.08	6.67
33	t	2,4-Dichlorophenol	0.346	0.347	-0.3	104	-0.06	6.88
34	t	2,6-Dichlorophenol	0.346	0.359	-3.8	109	-0.08	7.25
35	t	1,3,5-Trichlorobenzene	0.423	0.434	-2.6	108	-0.12	6.38
36	t	1,2,4-Trichlorobenzene	0.407	0.409	-0.5	106	-0.09	6.94
37	t	1,2,3-Trichlorobenzene	0.400	0.397	0.8	106	-0.12	7.38

7.7

Continuing Calibration Summary

Job Number: JA11802
Account: CARICH C. A. Rich Consultants
Project: Via Verde, 700-730 Brook Avenue, Bronx, NY

Sample: EM2282-CC2207
Lab FileID: M63193.D

38	t	Naphthalene	1.078	1.083	-0.5	108	-0.08	7.04
39	t	4-Chloroaniline	0.454	0.434	4.4	103	-0.08	7.25
40	t	2,3-Dichloroaniline	0.414	0.428	-3.4	110	-0.09	8.98
41	t	Caprolactam	0.233	0.235	-0.9	114	-0.08	7.88
42	t	Hexachlorobutadiene	0.275	0.285	-3.6	111	-0.10	7.39
43	t	4-Chloro-3-methylphenol	0.334	0.353	-5.7	112	-0.07	8.29
44	t	2-Methylnaphthalene	0.770	0.825	-7.1	116	-0.09	8.34
45	t	1-Methylnaphthalene	0.732	0.745	-1.8	109	-0.09	8.54
46	t	Dimethylnaphthalene	0.694	0.693	0.1	107	-0.09	9.56
47	I	Acenaphthene-d10	1.000	1.000	0.0	107	-0.09	10.38
48	t	Hexachlorocyclopentadiene	0.340	0.236	30.6#	67	-0.09	8.79
49	t	2,4,6-Trichlorophenol	0.442	0.394	10.9	92	-0.08	9.01
50	t	2,4,5-Trichlorophenol	0.465	0.423	9.0	94	-0.06	9.15
51	S	2-Fluorobiphenyl	1.419	1.438	-1.3	108	-0.09	9.12
52	t	2-Chloronaphthalene	1.182	1.221	-3.3	110	-0.08	9.27
53	t	Biphenyl	1.479	1.479	0.0	108	-0.09	9.27
54	t	2-Nitroaniline	0.397	0.409	-3.0	112	-0.06	9.63
55	t	Dimethylphthalate	1.390	1.410	-1.4	110	-0.08	10.05
56	t	Acenaphthylene	1.821	1.769	2.9	102	-0.09	10.07
57	t	2,6-Dinitrotoluene	0.295	0.305	-3.4	104	-0.08	10.17
58	t	3-Nitroaniline	0.318	0.296	6.9	97	-0.07	10.47
59	t	Acenaphthene	1.180	1.167	1.1	108	-0.10	10.43
60	t	2,4-Dinitrophenol	0.192	0.157	18.2	86	-0.02	10.73
61	t	4-Nitrophenol	0.207	0.168	18.8	85	0.00	11.07
62	t	Dibenzofuran	1.687	1.687	0.0	107	-0.09	10.76
63	t	2,4-Dinitrotoluene	0.415	0.433	-4.3	105	-0.07	10.97
64		2,3,4,6-Tetrachlorophenol	0.414	0.339	18.1	83	-0.08	11.18
65	t	Diethylphthalate	1.351	1.415	-4.7	115	-0.09	11.45
66	t	Fluorene	1.402	1.377	1.8	104	-0.09	11.44
67	t	4-Chlorophenyl-phenylethe	0.742	0.707	4.7	101	-0.09	11.49
68	t	4-Nitroaniline	0.313	0.292	6.7	97	-0.06	11.69
69	I	Phenanthrene-d10	1.000	1.000	0.0	106	-0.09	13.27
70	t	4,6-Dinitro-2-methylpheno	0.169	0.147	13.0	93	-0.06	11.78
71	t	n-Nitrosodiphenylamine	0.555	0.537	3.2	103	-0.09	11.76
72	t	1,2-Diphenylhydrazine	0.773	0.912	-18.0	125	-0.09	11.79
73	S	2,4,6-Tribromophenol	0.108	0.105	2.8	106	-0.09	11.97
74	t	4-Bromophenyl-phenylether	0.254	0.253	0.4	107	-0.10	12.43
75	t	Hexachlorobenzene	0.261	0.253	3.1	107	-0.09	12.69
76	t	Pentachlorophenol	0.175	0.142	18.9	87	-0.09	13.10
77	t	Phenanthrene	1.229	1.152	6.3	102	-0.09	13.31
78	t	Anthracene	1.261	1.171	7.1	99	-0.09	13.40
79	t	Carbazole	1.147	1.063	7.3	101	-0.08	13.81
80	t	Di-n-butylphthalate	1.324	1.373	-3.7	111	-0.09	14.70
81	t	Fluoranthene	1.463	1.367	6.6	101	-0.08	15.61
82	t	Octadecane	0.567	0.614	-8.3	117	-0.10	13.25
83	I	Chrysene-d12	1.000	1.000	0.0	119	-0.07	17.81
84	t	Pyrene	1.261	1.043	17.3	103	-0.07	15.97
85		Butyl stearate	0.393	0.425	-8.1	146	0.02	17.21
86	S	Terphenyl-d14	0.967	0.867	10.3	109	-0.08	16.30
87	t	Butylbenzylphthalate	0.496	0.471	5.0	115	-0.07	17.13
88	t	Benzo[a]anthracene	1.238	1.109	10.4	111	-0.07	17.79
89	t	3,3'-Dichlorobenzidine	0.411	0.390	5.1	111	-0.07	17.81
90	t	Chrysene	1.146	1.072	6.5	116	-0.07	17.84
91	t	bis(2-Ethylhexyl)phthalat	0.667	0.680	-1.9	122	-0.07	17.98
92	I	Perylene-d12	1.000	1.000	0.0	123	-0.07	19.56
93	t	Di-n-octylphthalate	1.302	1.313	-0.8	123	-0.07	18.73

7.7

7

Continuing Calibration Summary

Job Number: JA11802
Account: CARICH C. A. Rich Consultants
Project: Via Verde, 700-730 Brook Avenue, Bronx, NY

Sample: EM2282-CC2207
Lab FileID: M63193.D

94 t	Benzo[b]fluoranthene	1.266	1.404	-10.9	141	-0.07	19.15
95 t	Benzo[k]fluoranthene	1.241	1.005	19.0	99	-0.03	19.18
96 t	Benzo[a]pyrene	1.126	1.118	0.7	124	-0.06	19.51
97 t	Indeno[1,2,3-cd]pyrene	1.182	1.224	-3.6	133	-0.08	20.81
98 t	Dibenz(a,h)acridine	0.945	0.924	2.2	125	-0.08	20.52
99 t	Dibenz[a,h]anthracene	1.029	1.040	-1.1	130	-0.09	20.81
100 t	7,12-Dimethylbenz(a)anthr	0.537	0.379	29.4#	84	-0.07	19.15
101 t	Benzo[g,h,i]perylene	1.000	1.006	-0.6	131	-0.09	21.14

(#) = Out of Range SPCC's out = 0 CCC's out = 0
M62817.D MM2207.M Wed Feb 25 17:36:32 2009 GCMSM

7.7

Raw Data: M63194.D

Continuing Calibration Summary

Job Number: JA11802
Account: CARICH C. A. Rich Consultants
Project: Via Verde, 700-730 Brook Avenue, Bronx, NY

Sample: EM2282-CC2202
Lab FileID: M63194.D

Evaluate Continuing Calibration Report

Data File : C:\HPCHEM\1\DATA\EM2282\M63194.D Vial: 3
Acq On : 24 Feb 2009 1:28 pm Operator: kristis
Sample : cc2202-25 Inst : MSM
Misc : OP36990,eM2282,1000,,,1,1 Multiplr: 1.00
MS Integration Params: RTEINT.P

Method : C:\HPCHEM\1\METHODS\MM2207.M (RTE Integrator)
Title : Semi Volatile Extractables by GC/MS
Last Update : Tue Feb 17 15:46:41 2009
Response via : Multiple Level Calibration

Min. RRF : 0.049 Min. Rel. Area : 49% Max. R.T. Dev 0.50min
Max. RRF Dev : 20% Max. Rel. Area : 200%

	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)	R.T.
102 I	1,4-Dichlorobenzene-d4a	1.000	1.000	0.0	162	-0.07	4.85
103 t	Benzaldehyde	0.985	0.798	19.0	136	-0.05	4.27
104 I	Acenaphthene-d10a	1.000	1.000	0.0	151	-0.10	10.37
105 I	1,2,4,5-Tetrachlorobenzen	0.714	0.666	6.7	145	-0.09	8.75
106 I	Phenanthrene-d10a	1.000	1.000	0.0	151	-0.10	13.26
107 t	Atrazine	0.128	0.138	-7.8	158	-0.09	12.95
108 I	Chrysene-d12a	1.000	1.000	0.0	167	-0.07	17.80
109 t	Benzidine	0.586	0.374	36.2#	97	-0.08	15.93

(#) = Out of Range SPCC's out = 0 CCC's out = 0
M62817.D MM2207.M Wed Feb 25 17:37:53 2009 GCMSM

7.7

Initial Calibration Summary

Job Number: JA11802
Account: CARICH C. A. Rich Consultants
Project: Via Verde, 700-730 Brook Avenue, Bronx, NY

Sample: EZ1643-ICC1643
Lab FileID: Z45989.D

Response Factor Report MSZ

Method : C:\MSDCHEM\1\METHODS\MZ1643.M (RTE Integrator)
Title : Semi Volatile Extractables by GC/MS
Last Update : Tue Dec 30 17:43:40 2008
Response via : Initial Calibration

Calibration Files
100 =Z45985.D 80 =Z45987.D 50 =Z45989.D 25 =Z45990.D
10 =Z45991.D 5 =Z45992.D 2 =Z45988.D 1 =Z45986.D

Compound	100	80	50	25	10	5	2	1	Avg	%RSD
1) I 1,4-Dichlorobenzene-d	ISTD									
2) 1,4-Dioxane	0.566	0.546	0.564	0.585	0.576	0.590	0.528	0.654	0.576	6.52
3) Pyridine	1.373	1.359	1.428	1.517	1.607	1.573	1.595	1.399	1.481	6.97
4) N-Nitrosodim	0.809	0.801	0.834	0.873	0.874	0.848	0.796	0.907	0.843	4.77
5) 2-Fluorophen	1.388	1.377	1.438	1.506	1.559	1.484	1.419	1.531	1.463	4.60
6) Indene	1.814	1.827	1.963	2.154	2.310	2.299	2.237	2.626	2.154	12.83
7) Cumene	2.603	2.659	2.849	3.129	3.275	3.145	3.011	3.581	3.032	10.72
8) Phenol-d5	1.582	1.586	1.665	1.757	1.818	1.742	1.717	1.814	1.710	5.39
9) Phenol	1.486	1.479	1.587	1.757	1.848	1.812	1.735	1.837	1.692	9.06
10) Aniline	1.571	1.547	1.848	2.064	2.078	2.093	2.185	2.069	1.932	12.87
11) bis(2-Chloro	1.182	1.169	1.214	1.303	1.402	1.392	1.315	1.500	1.310	8.97
12) 2-Chlorophen	1.257	1.262	1.345	1.455	1.556	1.538	1.550	1.695	1.457	10.77
13) Decane	1.007	1.022	1.093	1.203	1.320	1.321	1.226	1.484	1.210	13.63
14) 1,3-Dichloro	1.467	1.471	1.562	1.694	1.763	1.755	1.680	2.005	1.675	10.61
15) 1,4-Dichloro	1.408	1.400	1.483	1.613	1.693	1.627	1.578	1.887	1.586	10.13
16) Benzyl alcoh	0.893	0.887	0.916	0.943	0.972	0.910	0.896	0.953	0.921	3.40
17) 1,2-Dichloro	1.292	1.295	1.381	1.536	1.633	1.648	1.556	1.864	1.526	12.89
18) Acetophenone	1.641	1.641	1.751	1.892	2.050	1.986	2.010	2.140	1.889	10.11
19) 2-Methylphen	1.077	1.068	1.161	1.252	1.315	1.302	1.270	1.382	1.228	9.33
20) 2,2'-oxybis(	0.459	0.454	0.462	0.486	0.516	0.504	0.501	0.553	0.492	6.85
21) 3&4-Methylph	1.163	1.150	1.211	1.330	1.412	1.335	1.315	1.375	1.286	7.69
22) n-Nitroso-di	0.785	0.769	0.782	0.819	0.857	0.837	0.834	0.899	0.823	5.31
23) Hexachloroet	0.475	0.473	0.494	0.516	0.533	0.515	0.532	0.560	0.512	5.91
24) I Naphthalene-d8	ISTD									
25) Nitrobenzene	0.354	0.356	0.360	0.386	0.406	0.384	0.366	0.394	0.376	5.17
26) Nitrobenzene	0.186	0.189	0.192	0.210	0.223	0.214	0.197	0.209	0.202	6.60
27) Quinoline	0.677	0.682	0.698	0.756	0.807	0.784	0.788	0.770	0.745	6.94
28) Isophorone	0.604	0.610	0.639	0.707	0.750	0.724	0.681	0.734	0.681	8.39
29) 2-Nitropheno	0.208	0.210	0.212	0.221	0.227	0.199	0.179	0.168	0.203	9.94
30) 2,4-Dimethyl	0.330	0.325	0.338	0.377	0.369	0.354	0.334	0.363	0.349	5.62
31) Benzoic Acid	0.260	0.252	0.253	0.215	0.189	0.125			0.216	24.29
----- Linear regression ----- Coefficient = 0.9993										
Response Ratio = -0.02225 + 0.26687 *A										
32) bis(2-Chloro	0.383	0.383	0.391	0.428	0.458	0.442	0.442	0.467	0.424	8.02
33) 2,4-Dichloro	0.292	0.295	0.303	0.332	0.347	0.331	0.320	0.295	0.314	6.71
34) 2,6-Dichloro	0.279	0.281	0.288	0.318	0.338	0.322	0.304	0.293	0.303	7.07
35) 1,3,5-Trichl	0.308	0.311	0.325	0.368	0.400	0.399	0.398	0.441	0.369	13.32
36) 1,2,4-Trichl	0.307	0.314	0.321	0.357	0.378	0.380	0.353	0.409	0.352	10.27
37) 1,2,3-Trichl	0.294	0.299	0.310	0.347	0.369	0.358	0.354	0.384	0.339	9.98
38) Naphthalene	0.866	0.900	0.968	1.099	1.179	1.195	1.186	1.281	1.084	14.20
39) 4-Chloroanil	0.411	0.420	0.450	0.496	0.514	0.489	0.473	0.464	0.465	7.80
40) 2,3-Dichloro	0.326	0.327	0.336	0.376	0.401	0.404	0.399	0.408	0.372	9.80
41) Caprolactam	0.144	0.139	0.136	0.141	0.146	0.140	0.138	0.108	0.137	8.59
42) Hexachlorobu	0.163	0.164	0.167	0.187	0.197	0.199	0.187	0.222	0.186	10.98

7.7

Initial Calibration Summary

Job Number: JA11802
Account: CARICH C. A. Rich Consultants
Project: Via Verde, 700-730 Brook Avenue, Bronx, NY

Sample: EZ1643-ICC1643
Lab FileID: Z45989.D

43)	4-Chloro-3-m	0.310	0.309	0.313	0.332	0.344	0.317	0.306	0.284	0.314	5.73
44)	2-Methylnaph	0.673	0.687	0.725	0.812	0.866	0.851	0.816	0.928	0.795	11.46
45)	1-Methylnaph	0.642	0.654	0.680	0.757	0.815	0.785	0.778	0.870	0.748	10.88
46)	Dimethylnaph	0.563	0.572	0.590	0.672	0.716	0.691	0.683	0.688	0.647	9.47
47)	I Acenaphthene-d10	----------ISTD----------									
48)	Hexachlorocy	0.264	0.253	0.254	0.251	0.240	0.204	0.165		0.233	15.23
49)	2,4,6-Trichl	0.360	0.356	0.349	0.382	0.395	0.390	0.357	0.371	0.370	4.65
50)	2,4,5-Trichl	0.393	0.388	0.373	0.394	0.409	0.384	0.370	0.309	0.377	8.05
51)	2-Fluorobiph	1.280	1.299	1.319	1.486	1.607	1.616	1.610	1.742	1.495	11.78
52)	2-Chloronaph	1.108	1.100	1.096	1.228	1.378	1.367	1.363	1.550	1.274	13.11
53)	Biphenyl	1.341	1.365	1.396	1.590	1.767	1.770	1.813	2.004	1.631	15.04
54)	2-Nitroanili	0.299	0.306	0.303	0.317	0.330	0.282	0.248	0.241	0.291	10.87
55)	Dimethylphth	1.321	1.324	1.331	1.469	1.560	1.519	1.473	1.549	1.443	7.12
56)	Acenaphthyle	1.671	1.693	1.757	2.004	2.191	2.156	2.053	2.117	1.955	10.99
57)	2,6-Dinitrot	0.302	0.294	0.284	0.293	0.314	0.276	0.233	0.200	0.274	14.10
58)	3-Nitroanili	0.381	0.378	0.364	0.365	0.367	0.325	0.266		0.349	11.74
59)	Acenaphthene	1.096	1.091	1.099	1.216	1.291	1.297	1.263	1.364	1.214	8.79
60)	2,4-Dinitrop	0.156	0.148	0.119	0.079	0.057				0.112	38.57
	----- Linear regression ----- Coefficient = 0.9914										
	Response Ratio = -0.09476 + 0.17129 *A										
61)	4-Nitropheno	0.190	0.180	0.164	0.151	0.144	0.103			0.155	19.95
	----- Linear regression ----- Coefficient = 0.9964										
	Response Ratio = -0.01932 + 0.19238 *A										
62)	Dibenzofuran	1.467	1.481	1.557	1.751	1.939	1.889	1.868	2.027	1.747	12.53
63)	2,4-Dinitrot	0.440	0.430	0.408	0.418	0.421	0.348	0.272		0.391	15.47
64)	2,3,4,6-Tetr	0.321	0.317	0.307	0.328	0.331	0.300	0.264	0.221	0.299	12.64
65)	Diethylphtha	1.318	1.328	1.334	1.463	1.553	1.502	1.401	1.443	1.418	6.17
66)	Fluorene	1.217	1.219	1.237	1.374	1.507	1.503	1.463	1.562	1.385	10.35
67)	4-Chlorophen	0.561	0.554	0.551	0.616	0.690	0.676	0.662	0.719	0.629	10.69
68)	4-Nitroanili	0.384	0.371	0.350	0.344	0.350	0.310	0.249		0.337	13.42
69)	I Phenanthrene-d10	----------ISTD----------									
70)	4,6-Dinitro-	0.165	0.161	0.144	0.129	0.112	0.072			0.130	26.67
	----- Linear regression ----- Coefficient = 0.9975										
	Response Ratio = -0.01945 + 0.16998 *A										
71)	n-Nitrosodip	0.575	0.580	0.574	0.649	0.712	0.688	0.662	0.634	0.634	8.39
72)	1,2-Diphenyl	0.717	0.732	0.736	0.841	0.934	0.923	0.869	0.909	0.833	10.97
73)	2,4,6-Tribro	0.132	0.131	0.120	0.128	0.133	0.116	0.101	0.088	0.119	13.86
74)	4-Bromopheny	0.230	0.232	0.225	0.250	0.263	0.253	0.242	0.255	0.244	5.59
75)	Hexachlorobe	0.252	0.255	0.246	0.280	0.303	0.292	0.281	0.327	0.280	10.00
76)	Pentachlorop	0.168	0.164	0.157	0.167	0.171	0.146	0.120		0.156	11.52
77)	Phenanthrene	1.016	1.038	1.044	1.205	1.321	1.312	1.332	1.477	1.218	13.98
78)	Anthracene	1.032	1.059	1.094	1.253	1.360	1.347	1.309	1.345	1.225	11.43
79)	Carbazole	1.076	1.099	1.117	1.287	1.413	1.361	1.354	1.298	1.251	10.65
80)	Di-n-butylph	1.322	1.375	1.436	1.629	1.744	1.592	1.423	1.498	1.502	9.48
81)	Fluoranthene	1.132	1.168	1.187	1.366	1.474	1.412	1.358	1.421	1.315	10.05
82)	Octadecane	0.426	0.439	0.447	0.511	0.550	0.516	0.467	0.451	0.476	9.30
83)	I Chrysene-d12	----------ISTD----------									
84)	Pyrene	1.179	1.211	1.203	1.392	1.576	1.522	1.510	1.423	1.377	11.57
85)	Butyl steara	0.299	0.310	0.309	0.342	0.406	0.403	0.374	0.262	0.338	15.40
86)	Terphenyl-d1	0.906	0.934	0.905	1.027	1.122	1.077	1.031	1.025	1.003	8.01
87)	Butylbenzylp	0.677	0.687	0.672	0.726	0.757	0.649	0.596	0.502	0.658	12.06
88)	Benzo[a]anth	1.087	1.107	1.065	1.223	1.363	1.315	1.312	1.414	1.236	10.95
89)	3,3'-Dichlor	0.440	0.434	0.409	0.416	0.459	0.380	0.354	0.269	0.395	15.43
90)	Chrysene	1.011	1.019	0.985	1.108	1.222	1.203	1.221	1.324	1.137	10.87

7.7

Initial Calibration Summary

Job Number: JA11802
Account: CARICH C. A. Rich Consultants
Project: Via Verde, 700-730 Brook Avenue, Bronx, NY

Sample: EZ1643-ICC1643
Lab FileID: Z45989.D

91)	bis(2-Ethylh	0.838	0.859	0.834	0.921	0.956	0.839	0.746	0.603	0.824	13.25
92)	I Perylene-d12	ISTD									
93)	Di-n-octylph	1.425	1.486	1.477	1.593	1.670	1.407	1.159		1.459	11.10
94)	Benzo[b]fluo	1.460	1.311	1.115	1.250	1.376	1.359	1.302	1.272	1.306	7.77
95)	Benzo[k]fluo		0.907	1.004	1.127	1.319	1.275	1.459	1.611	1.243	20.04
	----- Linear regression ----- Coefficient = 0.9934										
	Response Ratio = 0.06650 + 0.90408 *A										
96)	Benzo[a]pyre	1.036	1.046	1.018	1.125	1.212	1.126	1.170	1.160	1.112	6.36
97)	Indeno[1,2,3	1.330	1.311	1.218	1.313	1.443	1.330	1.571	1.290	1.351	8.03
98)	Dibenz(a,h)a	1.042	1.036	0.961	1.003	1.093	0.987	1.210	0.833	1.021	10.61
99)	Dibenz[a,h]a	1.089	1.073	0.999	1.087	1.205	1.143	1.327	1.041	1.121	9.28
100)	7,12-Dimethy	0.524	0.506	0.481	0.538	0.478	0.407	0.388	0.416	0.467	12.13
101)	Benzo[g,h,i]	1.123	1.115	1.040	1.109	1.220	1.155	1.399	1.242	1.176	9.43

(#) = Out of Range ### Number of calibration levels exceeded format ###

MZ1643.M Tue Dec 30 18:17:10 2008 RPT1

7.7

Initial Calibration Summary

Job Number: JA11802
Account: CARICH C. A. Rich Consultants
Project: Via Verde, 700-730 Brook Avenue, Bronx, NY

Sample: EZ1644-ICC1644
Lab FileID: Z45998.D

Response Factor Report MSZ

Method : C:\MSDCHEM\1\METHODS\MZ1643.M (RTE Integrator)
Title : Semi Volatile Extractables by GC/MS
Last Update : Wed Dec 31 09:17:27 2008
Response via : Initial Calibration

Calibration Files
100 =Z45994.D 80 =Z45996.D 50 =Z45998.D 25 =Z45999.D
10 =Z46000.D 5 =Z46001.D 2 =Z45997.D 1 =Z45995.D

Compound	100	80	50	25	10	5	2	1	Avg	%RSD
102) 1,4-Dichlorobenzene-d	ISTD									
103) Benzaldehyde	0.821	0.829	0.893	1.008	1.248	1.112			0.985	17.33
----- Linear regression ----- Coefficient = 0.9977										
Response Ratio = 0.10001 + 0.78639 *A										
104) Phenanthrene-d10a	ISTD									
105) Atrazine	0.136	0.132	0.135	0.141	0.148	0.125	0.171		0.141	10.60
106) Chrysene-d12a	ISTD									
107) Benzidine	0.782	0.768	0.832	0.820	0.894	0.607	0.649		0.764	13.40
108) Acenaphthene-d10a	ISTD									
109) 1,2,4,5-Tetr	0.543	0.535	0.556	0.570	0.638	0.565	0.776		0.597	14.31

(#) = Out of Range ### Number of calibration levels exceeded format ###

MZ1643.M Wed Dec 31 09:17:45 2008 RPT1

7.7

Initial Calibration Verification

Job Number: JA11802
Account: CARICH C. A. Rich Consultants
Project: Via Verde, 700-730 Brook Avenue, Bronx, NY

Sample: EZ1644-ICV1643
Lab FileID: Z46002.D

Evaluate Continuing Calibration Report

Data File : C:\MSDCHEM\1\DATA\EZ1643\Z46002.D
Acq On : 30 Dec 2008 9:41 pm
Sample : icv1643-50
Misc : op36196,EZ1644,30.3,,,1,1
MS Integration Params: RTEINT.P

Vial: 18
Operator: vanessan
Inst : MSZ
Multiplr: 1.00

Method : C:\MSDCHEM\1\METHODS\MZ1643.M (RTE Integrator)
Title : Semi Volatile Extractables by GC/MS
Last Update : Wed Dec 31 08:52:55 2008
Response via : Multiple Level Calibration

Min. RRF : 0.050 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 20% Max. Rel. Area : 202%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)	R.T.
1	I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	127	0.00	4.59
9	t	Phenol	1.692	1.578	6.7	127	0.00	4.18
12	t	2-Chlorophenol	1.457	1.336	8.3	126	0.00	4.36
19	t	2-Methylphenol	1.228	1.159	5.6	127	0.00	4.96
21	t	3&4-Methylphenol	1.286	1.200	6.7	126	0.00	5.16
24	I	Naphthalene-d8	1.000	1.000	0.0	118	0.00	6.40
29	t	2-Nitrophenol	0.203	0.214	-5.4	120	0.00	5.86
30	t	2,4-Dimethylphenol	0.349	0.359	-2.9	126	0.00	5.93
		----------	True	Calc.	% Drift			
31		Benzoic Acid	50.000	43.905	12.2	101	0.00	6.13
		----------	AvgRF	CCRF	% Dev			
33	t	2,4-Dichlorophenol	0.314	0.299	4.8	117	0.00	6.21
34		2,6-Dichlorophenol	0.303	0.300	1.0	123	0.00	6.56
43	t	4-Chloro-3-methylphenol	0.314	0.308	1.9	117	-0.02	7.31
47	I	Acenaphthene-d10	1.000	1.000	0.0	121	0.00	9.18
49	t	2,4,6-Trichlorophenol	0.370	0.360	2.7	125	0.00	7.99
50	t	2,4,5-Trichlorophenol	0.377	0.362	4.0	118	0.00	8.05
		----------	True	Calc.	% Drift			
60	t	2,4-Dinitrophenol	100.000	82.39	17.6	66	-0.01	9.30
61	t	4-Nitrophenol	50.000	42.411	15.2	109	0.00	9.44
		----------	AvgRF	CCRF	% Dev			
64		2,3,4,6-Tetrachlorophenol	0.299	0.288	3.7	113	0.00	9.76
69	I	Phenanthrene-d10	1.000	1.000	0.0	114	0.00	11.53
		----------	True	Calc.	% Drift			
70	t	4,6-Dinitro-2-methylpheno	50.000	42.074	15.9	101	-0.01	10.21
		----------	AvgRF	CCRF	% Dev			
76	t	Pentachlorophenol	0.156	0.166	-6.4	120	0.00	11.34

(#) = Out of Range SPCC's out = 0 CCC's out = 0
Z45989.D MZ1643.M Wed Dec 31 08:57:22 2008 RPT1

7.7

Initial Calibration Verification

Job Number: JA11802
Account: CARICH C. A. Rich Consultants
Project: Via Verde, 700-730 Brook Avenue, Bronx, NY

Sample: EZ1644-ICV1643
Lab FileID: Z46003.D

Evaluate Continuing Calibration Report

Data File : C:\MSDCHEM\1\DATA\EZ1643\Z46003.D
Acq On : 30 Dec 2008 10:08 pm
Sample : icv1643-50
Misc : op36196,EZ1644,30.3,,,1,1
MS Integration Params: RTEINT.P

Vial: 19
Operator: vanessan
Inst : MSZ
Multiplr: 1.00

Method : C:\MSDCHEM\1\METHODS\MZ1643.M (RTE Integrator)
Title : Semi Volatile Extractables by GC/MS
Last Update : Wed Dec 31 09:17:27 2008
Response via : Multiple Level Calibration

Min. RRF : 0.050 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 20% Max. Rel. Area : 202%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)	R.T.
1	I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	115	0.00	4.59
3	t	Pyridine	1.481	1.364	7.9	110	0.00	2.05
4	t	N-Nitrosodimethylamine	0.843	0.774	8.2	107	0.00	2.03
11	t	bis(2-Chloroethyl)ether	1.310	1.243	5.1	118	0.00	4.28
14	t	1,3-Dichlorobenzene	1.675	1.529	8.7	113	0.00	4.54
15	t	1,4-Dichlorobenzene	1.586	1.421	10.4	110	0.00	4.61
16	t	Benzyl alcohol	0.921	0.864	6.2	109	0.00	4.79
17	t	1,2-Dichlorobenzene	1.526	1.397	8.5	116	0.00	4.86
20	t	2,2'-oxybis(1-Chloropropa	0.492	0.471	4.3	117	0.00	5.01
22	t	n-Nitroso-di-n-propylamin	0.823	0.794	3.5	117	-0.01	5.20
23	t	Hexachloroethane	0.512	0.479	6.4	112	0.00	5.29
24	I	Naphthalene-d8	1.000	1.000	0.0	111	0.00	6.40
26	t	Nitrobenzene	0.202	0.190	5.9	110	0.00	5.40
28	t	Isophorone	0.681	0.609	10.6	106	0.00	5.73
		----------	AvgRF	CCRF	% Dev	----------		
32	t	bis(2-Chloroethoxy)methan	0.424	0.408	3.8	116	0.00	6.08
36	t	1,2,4-Trichlorobenzene	0.352	0.329	6.5	114	0.00	6.34
38	t	Naphthalene	1.084	0.955	11.9	109	0.00	6.43
42	t	Hexachlorobutadiene	0.186	0.182	2.2	121	0.00	6.73
44	t	2-Methylnaphthalene	0.795	0.697	12.3	107	0.00	7.50
47	I	Acenaphthene-d10	1.000	1.000	0.0	108	0.00	9.18
52	t	2-Chloronaphthalene	1.274	1.194	6.3	118	0.00	8.26
54	t	2-Nitroaniline	0.291	0.295	-1.4	105	0.00	8.49
55	t	Dimethylphthalate	1.443	1.336	7.4	109	0.00	8.85
56	t	Acenaphthylene	1.955	1.648	15.7	101	0.00	8.93
57	t	2,6-Dinitrotoluene	0.274	0.278	-1.5	106	0.00	8.95
58	t	3-Nitroaniline	0.349	0.315	9.7	93	0.00	9.15
59	t	Acenaphthene	1.214	1.093	10.0	108	0.00	9.23
		----------	AvgRF	CCRF	% Dev	----------		
62	t	Dibenzofuran	1.747	1.581	9.5	110	0.00	9.49
63	t	2,4-Dinitrotoluene	0.391	0.365	6.6	97	0.00	9.57
65	t	Diethylphthalate	1.418	1.314	7.3	107	0.00	10.00
66	t	Fluorene	1.385	1.252	9.6	109	0.00	10.04
67	t	4-Chlorophenyl-phenylethe	0.629	0.541	14.0	106	0.00	10.06
68	t	4-Nitroaniline	0.337	0.334	0.9	103	0.00	10.15
69	I	Phenanthrene-d10	1.000	1.000	0.0	111	0.00	11.53

7.7

Initial Calibration Verification

Job Number: JA11802
Account: CARICH C. A. Rich Consultants
Project: Via Verde, 700-730 Brook Avenue, Bronx, NY

Sample: EZ1644-ICV1643
Lab FileID: Z46003.D

		AvgRF	CCRF	% Dev			
71 t	n-Nitrosodiphenylamine	0.634	0.593	6.5	115	0.00	10.27
72 t	1,2-Diphenylhydrazine	0.833	0.712	14.5	108	0.00	10.31
74 t	4-Bromophenyl-phenylether	0.244	0.221	9.4	109	0.00	10.84
75 t	Hexachlorobenzene	0.280	0.243	13.2	110	0.00	11.06
77 t	Phenanthrene	1.218	1.036	14.9	111	0.00	11.56
78 t	Anthracene	1.225	1.053	14.0	107	0.00	11.63
79 t	Carbazole	1.251	1.103	11.8	110	0.00	11.89
80 t	Di-n-butylphthalate	1.502	1.344	10.5	104	0.00	12.53
81 t	Fluoranthene	1.315	1.132	13.9	106	0.00	13.28
83 I	Chrysene-d12	1.000	1.000	0.0	107	0.00	15.18
84 t	Pyrene	1.377	1.214	11.8	108	0.00	13.58
87 t	Butylbenzylphthalate	0.658	0.665	-1.1	105	0.00	14.52
88 t	Benzo[a]anthracene	1.236	1.076	12.9	108	0.00	15.15
89 t	3,3'-Dichlorobenzidine	0.395	0.337	14.7	88	0.00	15.15
90 t	Chrysene	1.137	0.999	12.1	108	0.00	15.21
91 t	bis(2-Ethylhexyl)phthalat	0.824	0.824	0.0	105	0.00	15.28
92 I	Perylene-d12	1.000	1.000	0.0	108	0.00	16.98
93 t	Di-n-octylphthalate	1.459	1.409	3.4	103	0.00	16.00
94 t	Benzo[b]fluoranthene	1.306	1.058	19.0	102	0.00	16.47
		True	Calc.	% Drift			
95 t	Benzo[k]fluoranthene	50.000	54.497	-9.0	111	0.00	16.51
		AvgRF	CCRF	% Dev			
96 t	Benzo[a]pyrene	1.112	1.002	9.9	106	0.00	16.90
97 t	Indeno[1,2,3-cd]pyrene	1.351	1.248	7.6	110	0.00	18.74
99 t	Dibenz[a,h]anthracene	1.121	1.021	8.9	110	0.00	18.76
101 t	Benzo[g,h,i]perylene	1.176	1.058	10.0	109	0.00	19.26
108	Acenaphthene-d10a	1.000	1.000	0.0	78	0.00	9.18
109	1,2,4,5-Tetrachlorobenzen	0.597	0.542	9.2	76	-0.02	7.83

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

Z45989.D MZ1643.M Wed Dec 31 09:48:43 2008 RPT1

7.1

7

Initial Calibration Verification

Job Number: JA11802
Account: CARICH C. A. Rich Consultants
Project: Via Verde, 700-730 Brook Avenue, Bronx, NY

Sample: EZ1644-ICV1643
Lab FileID: Z46004.D

Evaluate Continuing Calibration Report

Data File : C:\MSDCHEM\1\DATA\EZ1643\Z46004.D
Acq On : 30 Dec 2008 10:36 pm
Sample : icv1643-50
Misc : op36196,EZ1644,30.3,,,1,1
MS Integration Params: RTEINT.P

Vial: 20
Operator: vanessan
Inst : MSZ
Multiplr: 1.00

Method : C:\MSDCHEM\1\METHODS\MZ1643.M (RTE Integrator)
Title : Semi Volatile Extractables by GC/MS
Last Update : Wed Dec 31 09:17:27 2008
Response via : Multiple Level Calibration

Min. RRF : 0.050 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 20% Max. Rel. Area : 202%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)	R.T.
1	I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	122	0.00	4.59
2		1,4-Dioxane	0.576	0.479	16.8	104	0.01	1.81
6	t	Indene	2.154	2.018	6.3	125	0.00	4.97
7	t	Cumene	3.032	2.435	19.7	104	0.00	3.68
13	t	Decane	1.210	1.029	15.0	115	0.00	4.41
18	t	Acetophenone	1.889	1.714	9.3	119	0.00	5.16
24	I	Naphthalene-d8	1.000	1.000	0.0	121	0.00	6.40
27	t	Quinoline	0.745	0.651	12.6	113	-0.01	6.94
40	t	2,3-Dichloroaniline	0.372	0.303	18.5	109	0.00	8.00
41	t	Caprolactam	0.137	0.111	19.0	98	-0.04	7.01
45	t	1-Methylnaphthalene	0.748	0.639	14.6	113	0.00	7.67
46	t	Dimethylnaphthalene	0.647	0.558	13.8	114	0.00	8.50
47	I	Acenaphthene-d10	1.000	1.000	0.0	117	0.00	9.18
53	t	Biphenyl	1.631	1.392	14.7	117	0.00	8.26
69	I	Phenanthrene-d10	1.000	1.000	0.0	108	0.00	11.53
82	t	Octadecane	0.476	0.453	4.8	110	0.00	11.44
83	I	Chrysene-d12	1.000	1.000	0.0	119	0.00	15.17
92	I	Perylene-d12	1.000	1.000	0.0	107	0.00	16.98
98	t	Dibenz(a,h)acridine	1.021	0.933	8.6	104	0.00	18.32
			AvgRF	CCRF	% Dev			
104		Phenanthrene-d10a	1.000	1.000	0.0	83	0.00	11.53
105		Atrazine	0.141	0.126	10.6	77	0.01	11.20

(#) = Out of Range SPCC's out = 0 CCC's out = 0
Z45989.D MZ1643.M Wed Dec 31 09:55:47 2008 RPT1

Raw Data: Z46005.D

Initial Calibration Verification

Job Number: JA11802
Account: CARICH C. A. Rich Consultants
Project: Via Verde, 700-730 Brook Avenue, Bronx, NY

Sample: EZ1644-ICV1643
Lab FileID: Z46005.D

Evaluate Continuing Calibration Report

Data File : C:\MSDCHEM\1\DATA\EZ1643\Z46005.D
Acq On : 30 Dec 2008 11:05 pm
Sample : icv1643-50
Misc : op36196,EZ1644,30.3,,,1,1
MS Integration Params: RTEINT.P

Vial: 21
Operator: vanessan
Inst : MSZ
Multiplr: 1.00

Method : C:\MSDCHEM\1\METHODS\MZ1643.M (RTE Integrator)
Title : Semi Volatile Extractables by GC/MS
Last Update : Wed Dec 31 09:17:27 2008
Response via : Multiple Level Calibration

Min. RRF : 0.050 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 20% Max. Rel. Area : 202%

	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)	R.T.
10 t	Aniline	1.932	1.849	4.3	134	0.00	4.21
16 t	Benzyl alcohol	0.921	0.936	-1.6	137	0.00	4.79
39 t	4-Chloroaniline	0.465	0.481	-3.4	139	0.00	6.55
54 t	2-Nitroaniline	0.291	0.327	-12.4	134	0.00	8.49
58 t	3-Nitroaniline	0.349	0.402	-15.2	137	0.00	9.15
68 t	4-Nitroaniline	0.337	0.397	-17.8	141	-0.01	10.14
102	1,4-Dichlorobenzene-d4a	1.000	1.000	0.0	77	0.00	4.59
		True	Calc.	% Drift			
103	Benzaldehyde	50.000	44.460	11.1	67	0.00	4.05
106	Chrysene-d12a	1.000	1.000	0.0	123	0.00	15.17
107	Benzidine	0.764	0.807	-5.6	119	0.00	13.48

(#) = Out of Range SPCC's out = 0 CCC's out = 0
Z45989.D MZ1643.M Wed Dec 31 09:57:55 2008 RPT1

7.7

Raw Data: Z46783.D

Continuing Calibration Summary

Job Number: JA11802
Account: CARICH C. A. Rich Consultants
Project: Via Verde, 700-730 Brook Avenue, Bronx, NY

Sample: EZ1679-CC1643
Lab FileID: Z46783.D

Evaluate Continuing Calibration Report

Data File : C:\MSDCHEM\1\DATA\EZ1679\Z46783.D
Acq On : 11 Feb 2009 3:55 pm
Sample : cc1643-50
Misc : op36826,EZ1679,500,,,1,1
MS Integration Params: lscint.p

Vial: 2
Operator: vanessan
Inst : MSZ
Multiplr: 1.00

Method : C:\MSDCHEM\1\METHODS\MZ1643.M (RTE Integrator)
Title : Semi Volatile Extractables by GC/MS
Last Update : Fri Jan 16 09:05:41 2009
Response via : Multiple Level Calibration

Min. RRF : 0.050 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 20% Max. Rel. Area : 202%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)	R.T.
1	I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	133	-0.14	4.43
2		1,4-Dioxane	0.576	0.498	13.5	118	-0.10	1.69
3	t	Pyridine	1.481	1.193	19.4	111	-0.10	1.93
4	t	N-Nitrosodimethylamine	0.843	0.721	14.5	115	-0.10	1.92
5	S	2-Fluorophenol	1.463	1.272	13.1	118	-0.09	3.05
6	t	Indene	2.154	2.035	5.5	138	-0.14	4.80
7	t	Cumene	3.032	2.997	1.2	140	-0.14	3.51
8	S	Phenol-d5	1.710	1.440	15.8	115	-0.08	4.09
9	t	Phenol	1.692	1.612	4.7	135	-0.08	4.11
10	t	Aniline	1.932	1.458	24.5#	105	-0.12	4.08
11	t	bis(2-Chloroethyl)ether	1.310	1.113	15.0	122	-0.13	4.13
12	t	2-Chlorophenol	1.457	1.281	12.1	127	-0.12	4.23
13	t	Decane	1.210	1.300	-7.4	158	-0.14	4.23
14	t	1,3-Dichlorobenzene	1.675	1.551	7.4	132	-0.14	4.38
15	t	1,4-Dichlorobenzene	1.586	1.506	5.0	135	-0.14	4.45
16	t	Benzyl alcohol	0.921	0.886	3.8	129	-0.11	4.67
17	t	1,2-Dichlorobenzene	1.526	1.414	7.3	136	-0.14	4.70
18	t	Acetophenone	1.889	1.831	3.1	139	-0.13	5.02
19	t	2-Methylphenol	1.228	1.080	12.1	124	-0.09	4.87
20	t	2,2'-oxybis(1-Chloropropa	0.492	0.445	9.6	128	-0.14	4.85
21	t	3&4-Methylphenol	1.286	1.189	7.5	131	-0.09	5.08
22	t	n-Nitroso-di-n-propylamin	0.823	0.858	-4.3	146	-0.12	5.06
23	t	Hexachloroethane	0.512	0.504	1.6	136	-0.16	5.10
24	I	Naphthalene-d8	1.000	1.000	0.0	129	-0.15	6.24
25	S	Nitrobenzene-d5	0.376	0.415	-10.4	148	-0.13	5.23
26	t	Nitrobenzene	0.202	0.188	6.9	126	-0.13	5.25
27	t	Quinoline	0.745	0.695	6.7	128	-0.12	6.81
28	t	Isophorone	0.681	0.692	-1.6	139	-0.13	5.59
29	t	2-Nitrophenol	0.203	0.212	-4.4	129	-0.13	5.72
30	t	2,4-Dimethylphenol	0.349	0.375	-7.4	143	-0.11	5.83
			True	Calc.	% Drift			
31		Benzoic Acid	50.000	46.140	7.7	116	0.02	6.15
			AvgRF	CCRF	% Dev			
32	t	bis(2-Chloroethoxy)methan	0.424	0.386	9.0	127	-0.13	5.93
33	t	2,4-Dichlorophenol	0.314	0.322	-2.5	137	-0.11	6.10
34		2,6-Dichlorophenol	0.303	0.312	-3.0	139	-0.12	6.43
35	t	1,3,5-Trichlorobenzene	0.369	0.355	3.8	141	-0.15	5.71
36	t	1,2,4-Trichlorobenzene	0.352	0.323	8.2	129	-0.15	6.18
37	t	1,2,3-Trichlorobenzene	0.339	0.327	3.5	136	-0.14	6.55

7.7

Continuing Calibration Summary

Job Number: JA11802
Account: CARICH C. A. Rich Consultants
Project: Via Verde, 700-730 Brook Avenue, Bronx, NY

Sample: EZ1679-CC1643
Lab FileID: Z46783.D

38	t	Naphthalene	1.084	1.007	7.1	134	-0.15	6.26
39	t	4-Chloroaniline	0.465	0.432	7.1	123	-0.12	6.42
40	t	2,3-Dichloroaniline	0.372	0.374	-0.5	143	-0.14	7.85
41	t	Caprolactam	0.137	0.152	-10.9	143	-0.05	6.98
42	t	Hexachlorobutadiene	0.186	0.207	-11.3	160	-0.16	6.54
43	t	4-Chloro-3-methylphenol	0.314	0.359	-14.3	147	-0.08	7.26
44	t	2-Methylnaphthalene	0.795	0.757	4.8	134	-0.15	7.33
45	t	1-Methylnaphthalene	0.748	0.722	3.5	136	-0.16	7.50
46	t	Dimethylnaphthalene	0.647	0.665	-2.8	145	-0.16	8.33
47	I	Acenaphthene-d10	1.000	1.000	0.0	142	-0.16	9.00
48	t	Hexachlorocyclopentadiene	0.233	0.208	10.7	116	-0.16	7.68
49	t	2,4,6-Trichlorophenol	0.370	0.326	11.9	133	-0.12	7.87
50	t	2,4,5-Trichlorophenol	0.377	0.355	5.8	135	-0.10	7.97
51	S	2-Fluorobiphenyl	1.495	1.326	11.3	143	-0.16	7.95
52	t	2-Chloronaphthalene	1.274	1.104	13.3	143	-0.15	8.10
53	t	Biphenyl	1.631	1.458	10.6	148	-0.15	8.09
54	t	2-Nitroaniline	0.291	0.363	-24.7#	170	-0.12	8.36
55	t	Dimethylphthalate	1.443	1.332	7.7	142	-0.13	8.69
56	t	Acenaphthylene	1.955	1.723	11.9	139	-0.15	8.76
57	t	2,6-Dinitrotoluene	0.274	0.294	-7.3	147	-0.12	8.81
58	t	3-Nitroaniline	0.349	0.314	10.0	122	-0.11	9.04
59	t	Acenaphthene	1.214	1.069	11.9	138	-0.16	9.06
			True	Calc.	% Drift			
60	t	2,4-Dinitrophenol	100.000	107.500	-7.5	175	-0.10	9.22
61	t	4-Nitrophenol	50.000	40.532	18.9	121	-0.01	9.50
			AvgRF	CCRF	% Dev			
62	t	Dibenzofuran	1.747	1.539	11.9	140	-0.15	9.32
63	t	2,4-Dinitrotoluene	0.391	0.423	-8.2	147	-0.11	9.45
64		2,3,4,6-Tetrachlorophenol	0.299	0.244	18.4	112	-0.12	9.64
65	t	Diethylphthalate	1.418	1.355	4.4	144	-0.14	9.83
66	t	Fluorene	1.385	1.255	9.4	144	-0.15	9.88
67	t	4-Chlorophenyl-phenylethe	0.629	0.581	7.6	150	-0.16	9.89
68	t	4-Nitroaniline	0.337	0.336	0.3	136	-0.09	10.06
69	I	Phenanthrene-d10	1.000	1.000	0.0	133	-0.15	11.37
			True	Calc.	% Drift			
70	t	4,6-Dinitro-2-methylpheno	50.000	50.922	-1.8	146	-0.11	10.11
			AvgRF	CCRF	% Dev			
71	t	n-Nitrosodiphenylamine	0.634	0.618	2.5	144	-0.14	10.11
72	t	1,2-Diphenylhydrazine	0.833	0.882	-5.9	160	-0.15	10.14
73	S	2,4,6-Tribromophenol	0.119	0.145	-21.8#	162	-0.14	10.31
74	t	4-Bromophenyl-phenylether	0.244	0.255	-4.5	151	-0.16	10.66
75	t	Hexachlorobenzene	0.280	0.286	-2.1	155	-0.16	10.89
76	t	Pentachlorophenol	0.156	0.127	18.6	108	-0.12	11.23
77	t	Phenanthrene	1.218	1.077	11.6	138	-0.15	11.40
78	t	Anthracene	1.225	1.129	7.8	138	-0.14	11.47
79	t	Carbazole	1.251	1.154	7.8	138	-0.12	11.77
80	t	Di-n-butylphthalate	1.502	1.486	1.1	138	-0.14	12.36
81	t	Fluoranthene	1.315	1.217	7.5	137	-0.13	13.14
82	t	Octadecane	0.476	0.504	-5.9	150	-0.16	11.25
83	I	Chrysene-d12	1.000	1.000	0.0	133	-0.13	15.04
84	t	Pyrene	1.377	1.227	10.9	136	-0.14	13.44
85		Butyl stearate	0.338	0.373	-10.4	161	-0.14	14.39
86	S	Terphenyl-d14	1.003	0.943	6.0	139	-0.13	13.68

7.7

7

Continuing Calibration Summary

Job Number: JA11802
Account: CARICH C. A. Rich Consultants
Project: Via Verde, 700-730 Brook Avenue, Bronx, NY

Sample: EZ1679-CC1643
Lab FileID: Z46783.D

87	t	Butylbenzylphthalate	0.658	0.667	-1.4	133	-0.13	14.37
88	t	Benzo[a]anthracene	1.236	1.055	14.6	132	-0.13	15.02
89	t	3,3'-Dichlorobenzidine	0.395	0.415	-5.1	136	-0.13	15.01
90	t	Chrysene	1.137	0.939	17.4	127	-0.13	15.07
91	t	bis(2-Ethylhexyl)phthalat	0.824	0.825	-0.1	132	-0.14	15.12
92	I	Perylene-d12	1.000	1.000	0.0	116	-0.18	16.80
93	t	Di-n-octylphthalate	1.459	1.569	-7.5	124	-0.14	15.84
94	t	Benzo[b]fluoranthene	1.306	1.263	3.3	132	-0.14	16.32
			True	Calc.	% Drift			
95	t	Benzo[k]fluoranthene	50.000	50.386	-0.8	112	-0.15	16.35
			AvgRF	CCRF	% Dev			
96	t	Benzo[a]pyrene	1.112	1.001	10.0	114	-0.17	16.73
97	t	Indeno[1,2,3-cd]pyrene	1.351	1.249	7.5	119	-0.25	18.50
98	t	Dibenz(a,h)acridine	1.021	0.955	6.5	115	-0.25	18.07
99	t	Dibenz[a,h]anthracene	1.121	1.083	3.4	126	-0.27	18.50
100	t	7,12-Dimethylbenz(a)anthr	0.467	0.503	-7.7	122	-0.16	16.32
101	t	Benzo[g,h,i]perylene	1.176	1.051	10.6	118	-0.29	18.98

(#) = Out of Range SPCC's out = 0 CCC's out = 0
Z45989.D MZ1643.M Wed Feb 11 16:29:46 2009 RPT1

7.7

Continuing Calibration Summary

Job Number: JA11802
Account: CARICH C. A. Rich Consultants
Project: Via Verde, 700-730 Brook Avenue, Bronx, NY

Sample: EZ1679-CC1644
Lab FileID: Z46784.D

Evaluate Continuing Calibration Report

Data File : C:\MSDCHEM\1\DATA\EZ1679\Z46784.D Vial: 3
Acq On : 11 Feb 2009 4:24 pm Operator: vanessan
Sample : cc1644-50 Inst : MSZ
Misc : op36826,EZ1679,500,,,1,1 Multiplr: 1.00
MS Integration Params: lscint.p

Method : C:\MSDCHEM\1\METHODS\MZ1643.M (RTE Integrator)
Title : Semi Volatile Extractables by GC/MS
Last Update : Fri Jan 16 09:05:41 2009
Response via : Multiple Level Calibration

Min. RRF : 0.050 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 20% Max. Rel. Area : 202%

	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)	R.T.
102	1,4-Dichlorobenzene-d4a	1.000	1.000	0.0	86	-0.14	4.43
		True	Calc.	% Drift			
103	Benzaldehyde	50.000	49.545	0.9	83	-0.14	3.91
		AvgRF	CCRF	% Dev			
104	Phenanthrene-d10a	1.000	1.000	0.0	105	-0.16	11.36
105	Atrazine	0.141	0.135	4.3	106	-0.13	11.06
106	Chrysene-d12a	1.000	1.000	0.0	123	-0.14	15.04
107	Benzidine	0.764	0.578	24.3#	86	-0.12	13.36
108	Acenaphthene-d10a	1.000	1.000	0.0	102	-0.17	9.00
109	1,2,4,5-Tetrachlorobenzen	0.597	0.600	-0.5	111	-0.19	7.66

(#) = Out of Range SPCC's out = 0 CCC's out = 0
Z45989.D MZ1643.M Thu Feb 12 09:28:27 2009 RPT1

7.7

Raw Data: OA51467.D

Method Blank Summary

Job Number: JA11802
Account: CARICH C. A. Rich Consultants
Project: Via Verde, 700-730 Brook Avenue, Bronx, NY

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP36843-MB2	OA51467.D	1	02/11/09	TDR	02/11/09	OP36843	GOA1857

The QC reported here applies to the following samples: Method: SW846 8081A

JA11802-10

CAS No.	Compound	Result	RL	MDL	Units	Q
309-00-2	Aldrin	ND	0.020	0.0017	ug/l	
319-84-6	alpha-BHC	ND	0.020	0.00099	ug/l	
319-85-7	beta-BHC	ND	0.020	0.0035	ug/l	
319-86-8	delta-BHC	ND	0.020	0.0035	ug/l	
58-89-9	gamma-BHC (Lindane)	ND	0.020	0.0011	ug/l	
5103-71-9	alpha-Chlordane	ND	0.020	0.0020	ug/l	
5103-74-2	gamma-Chlordane	ND	0.020	0.0024	ug/l	
60-57-1	Dieldrin	ND	0.020	0.0014	ug/l	
72-54-8	4,4'-DDD	ND	0.020	0.0046	ug/l	
72-55-9	4,4'-DDE	ND	0.020	0.0013	ug/l	
50-29-3	4,4'-DDT	ND	0.020	0.0035	ug/l	
72-20-8	Endrin	ND	0.020	0.0031	ug/l	
1031-07-8	Endosulfan sulfate	ND	0.020	0.0026	ug/l	
7421-93-4	Endrin aldehyde	ND	0.020	0.0037	ug/l	
53494-70-5	Endrin ketone	ND	0.020	0.0026	ug/l	
959-98-8	Endosulfan-I	ND	0.020	0.0018	ug/l	
33213-65-9	Endosulfan-II	ND	0.020	0.0035	ug/l	
76-44-8	Heptachlor	ND	0.020	0.0020	ug/l	
1024-57-3	Heptachlor epoxide	ND	0.020	0.0016	ug/l	
72-43-5	Methoxychlor	ND	0.020	0.0068	ug/l	
8001-35-2	Toxaphene	ND	0.25	0.21	ug/l	

CAS No.	Surrogate Recoveries		Limits
877-09-8	Tetrachloro-m-xylene	106%	24-127%
877-09-8	Tetrachloro-m-xylene	114%	24-127%
2051-24-3	Decachlorobiphenyl	105%	7-131%
2051-24-3	Decachlorobiphenyl	118%	7-131%

9.1

Method Blank Summary

Job Number: JA11802
Account: CARICH C. A. Rich Consultants
Project: Via Verde, 700-730 Brook Avenue, Bronx, NY

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP36858-MB1	OA51498.D	1	02/12/09	TDR	02/11/09	OP36858	GOA1857

The QC reported here applies to the following samples: Method: SW846 8081A

JA11802-1, JA11802-2, JA11802-3, JA11802-5, JA11802-6, JA11802-7

CAS No.	Compound	Result	RL	MDL	Units	Q
309-00-2	Aldrin	ND	1.3	0.27	ug/kg	
319-84-6	alpha-BHC	ND	1.3	0.25	ug/kg	
319-85-7	beta-BHC	ND	1.3	0.45	ug/kg	
319-86-8	delta-BHC	ND	1.3	0.24	ug/kg	
58-89-9	gamma-BHC (Lindane)	ND	1.3	0.33	ug/kg	
5103-71-9	alpha-Chlordane	ND	1.3	0.41	ug/kg	
5103-74-2	gamma-Chlordane	ND	1.3	0.30	ug/kg	
60-57-1	Dieldrin	ND	1.3	0.26	ug/kg	
72-54-8	4,4'-DDD	ND	1.3	0.22	ug/kg	
72-55-9	4,4'-DDE	ND	1.3	0.33	ug/kg	
50-29-3	4,4'-DDT	ND	1.3	0.31	ug/kg	
72-20-8	Endrin	ND	1.3	0.29	ug/kg	
1031-07-8	Endosulfan sulfate	ND	1.3	0.28	ug/kg	
7421-93-4	Endrin aldehyde	ND	1.3	0.31	ug/kg	
959-98-8	Endosulfan-I	ND	1.3	0.27	ug/kg	
33213-65-9	Endosulfan-II	ND	1.3	0.44	ug/kg	
76-44-8	Heptachlor	ND	1.3	0.35	ug/kg	
1024-57-3	Heptachlor epoxide	ND	1.3	0.27	ug/kg	
72-43-5	Methoxychlor	ND	1.3	0.36	ug/kg	
53494-70-5	Endrin ketone	ND	1.3	0.27	ug/kg	
8001-35-2	Toxaphene	ND	17	13	ug/kg	

CAS No.	Surrogate Recoveries		Limits
877-09-8	Tetrachloro-m-xylene	92%	34-132%
877-09-8	Tetrachloro-m-xylene	103%	34-132%
2051-24-3	Decachlorobiphenyl	103%	25-146%
2051-24-3	Decachlorobiphenyl	121%	25-146%

Raw Data: XX84399.D

Method Blank Summary

Job Number: JA11802
Account: CARICH C. A. Rich Consultants
Project: Via Verde, 700-730 Brook Avenue, Bronx, NY

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP36890-MB1	XX84399.D	1	02/18/09	OPM	02/13/09	OP36890	GXX3396

The QC reported here applies to the following samples: Method: SW846 8081A

JA11802-4

CAS No.	Compound	Result	RL	MDL	Units	Q
309-00-2	Aldrin	ND	1.3	0.27	ug/kg	
319-84-6	alpha-BHC	ND	1.3	0.25	ug/kg	
319-85-7	beta-BHC	ND	1.3	0.45	ug/kg	
319-86-8	delta-BHC	ND	1.3	0.24	ug/kg	
58-89-9	gamma-BHC (Lindane)	ND	1.3	0.33	ug/kg	
5103-71-9	alpha-Chlordane	ND	1.3	0.41	ug/kg	
5103-74-2	gamma-Chlordane	ND	1.3	0.30	ug/kg	
60-57-1	Dieldrin	ND	1.3	0.26	ug/kg	
72-54-8	4,4'-DDD	ND	1.3	0.22	ug/kg	
72-55-9	4,4'-DDE	ND	1.3	0.33	ug/kg	
50-29-3	4,4'-DDT	ND	1.3	0.31	ug/kg	
72-20-8	Endrin	ND	1.3	0.29	ug/kg	
1031-07-8	Endosulfan sulfate	ND	1.3	0.28	ug/kg	
7421-93-4	Endrin aldehyde	ND	1.3	0.31	ug/kg	
959-98-8	Endosulfan-I	ND	1.3	0.27	ug/kg	
33213-65-9	Endosulfan-II	ND	1.3	0.44	ug/kg	
76-44-8	Heptachlor	ND	1.3	0.35	ug/kg	
1024-57-3	Heptachlor epoxide	ND	1.3	0.27	ug/kg	
72-43-5	Methoxychlor	ND	1.3	0.36	ug/kg	
53494-70-5	Endrin ketone	ND	1.3	0.27	ug/kg	
8001-35-2	Toxaphene	ND	17	13	ug/kg	

CAS No.	Surrogate Recoveries		Limits
877-09-8	Tetrachloro-m-xylene	85%	34-132%
877-09-8	Tetrachloro-m-xylene	91%	34-132%
2051-24-3	Decachlorobiphenyl	85%	25-146%
2051-24-3	Decachlorobiphenyl	96%	25-146%

9.1

Raw Data: EF80697.D

Method Blank Summary

Job Number: JA11802
Account: CARICH C. A. Rich Consultants
Project: Via Verde, 700-730 Brook Avenue, Bronx, NY

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP36859-MB1	EF80697.D	1	02/12/09	VDT	02/11/09	OP36859	GEF3655

The QC reported here applies to the following samples: Method: SW846 8082

JA11802-1, JA11802-2, JA11802-3, JA11802-5, JA11802-6, JA11802-7, JA11802-8, JA11802-9

CAS No.	Compound	Result	RL	MDL	Units	Q
12674-11-2	Aroclor 1016	ND	33	6.2	ug/kg	
11104-28-2	Aroclor 1221	ND	33	19	ug/kg	
11141-16-5	Aroclor 1232	ND	33	9.9	ug/kg	
53469-21-9	Aroclor 1242	ND	33	19	ug/kg	
12672-29-6	Aroclor 1248	ND	33	11	ug/kg	
11097-69-1	Aroclor 1254	ND	33	6.7	ug/kg	
11096-82-5	Aroclor 1260	ND	33	6.1	ug/kg	

CAS No.	Surrogate Recoveries		Limits
877-09-8	Tetrachloro-m-xylene	84%	44-139%
877-09-8	Tetrachloro-m-xylene	86%	44-139%
2051-24-3	Decachlorobiphenyl	106%	39-147%
2051-24-3	Decachlorobiphenyl	102%	39-147%

9.1

Raw Data: 3G35301.D

Method Blank Summary

Job Number: JA11802
Account: CARICH C. A. Rich Consultants
Project: Via Verde, 700-730 Brook Avenue, Bronx, NY

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP36844-MB2	3G35301.D	1	02/13/09	TDR	02/11/09	OP36844	G3G1320

The QC reported here applies to the following samples: Method: SW846 8082

JA11802-10

CAS No.	Compound	Result	RL	MDL	Units	Q
12674-11-2	Aroclor 1016	ND	0.50	0.19	ug/l	
11104-28-2	Aroclor 1221	ND	0.50	0.31	ug/l	
11141-16-5	Aroclor 1232	ND	0.50	0.21	ug/l	
53469-21-9	Aroclor 1242	ND	0.50	0.089	ug/l	
12672-29-6	Aroclor 1248	ND	0.50	0.25	ug/l	
11097-69-1	Aroclor 1254	ND	0.50	0.11	ug/l	
11096-82-5	Aroclor 1260	ND	0.50	0.14	ug/l	

CAS No.	Surrogate Recoveries		Limits
877-09-8	Tetrachloro-m-xylene	98%	30-140%
877-09-8	Tetrachloro-m-xylene	94%	30-140%
2051-24-3	Decachlorobiphenyl	103%	10-142%
2051-24-3	Decachlorobiphenyl	100%	10-142%

Raw Data: AB79602.D

Method Blank Summary

Job Number: JA11802
Account: CARICH C. A. Rich Consultants
Project: Via Verde, 700-730 Brook Avenue, Bronx, NY

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP36889-MB1	AB79602.D	1	02/13/09	JSE	02/13/09	OP36889	GAB5213

The QC reported here applies to the following samples: Method: SW846 8082

JA11802-4

CAS No.	Compound	Result	RL	MDL	Units	Q
12674-11-2	Aroclor 1016	ND	33	6.2	ug/kg	
11104-28-2	Aroclor 1221	ND	33	19	ug/kg	
11141-16-5	Aroclor 1232	ND	33	9.9	ug/kg	
53469-21-9	Aroclor 1242	ND	33	19	ug/kg	
12672-29-6	Aroclor 1248	ND	33	11	ug/kg	
11097-69-1	Aroclor 1254	ND	33	6.7	ug/kg	
11096-82-5	Aroclor 1260	ND	33	6.1	ug/kg	

CAS No.	Surrogate Recoveries		Limits
877-09-8	Tetrachloro-m-xylene	81%	33-141%
877-09-8	Tetrachloro-m-xylene	75%	33-141%
2051-24-3	Decachlorobiphenyl	88%	32-154%
2051-24-3	Decachlorobiphenyl	92%	32-154%

9.1.6

Raw Data: OA51468.D

Blank Spike Summary

Job Number: JA11802
Account: CARICH C. A. Rich Consultants
Project: Via Verde, 700-730 Brook Avenue, Bronx, NY

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP36843-BS2	OA51468.D	1	02/11/09	TDR	02/11/09	OP36843	GOA1857

The QC reported here applies to the following samples: Method: SW846 8081A

JA11802-10

CAS No.	Compound	Spike ug/l	BSP ug/l	BSP %	Limits
309-00-2	Aldrin	0.25	0.30	120	37-130
319-84-6	alpha-BHC	0.25	0.29	116	57-137
319-85-7	beta-BHC	0.25	0.29	116	64-133
319-86-8	delta-BHC	0.25	0.24	96	38-140
58-89-9	gamma-BHC (Lindane)	0.25	0.28	112	60-137
5103-71-9	alpha-Chlordane	0.25	0.29	116	60-135
5103-74-2	gamma-Chlordane	0.25	0.28	112	58-135
60-57-1	Dieldrin	0.25	0.29	116	65-142
72-54-8	4,4'-DDD	0.25	0.31	124	67-144
72-55-9	4,4'-DDE	0.25	0.28	112	60-139
50-29-3	4,4'-DDT	0.25	0.31	124	63-142
72-20-8	Endrin	0.25	0.30	120	61-145
1031-07-8	Endosulfan sulfate	0.25	0.31	124	68-142
7421-93-4	Endrin aldehyde	0.25	0.28	112	61-130
53494-70-5	Endrin ketone	0.25	0.31	124	65-144
959-98-8	Endosulfan-I	0.25	0.28	112	62-135
33213-65-9	Endosulfan-II	0.25	0.29	116	66-138
76-44-8	Heptachlor	0.25	0.28	112	50-131
1024-57-3	Heptachlor epoxide	0.25	0.28	112	62-137
72-43-5	Methoxychlor	0.25	0.28	112	67-147

CAS No.	Surrogate Recoveries	BSP	Limits
877-09-8	Tetrachloro-m-xylene	108%	24-127%
877-09-8	Tetrachloro-m-xylene	117%	24-127%
2051-24-3	Decachlorobiphenyl	107%	7-131%
2051-24-3	Decachlorobiphenyl	121%	7-131%

9.2

Raw Data: OA51499.D

Blank Spike Summary

Job Number: JA11802
Account: CARICH C. A. Rich Consultants
Project: Via Verde, 700-730 Brook Avenue, Bronx, NY

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP36858-BS1	OA51499.D	1	02/12/09	TDR	02/11/09	OP36858	GOA1857

The QC reported here applies to the following samples: Method: SW846 8081A

JA11802-1, JA11802-2, JA11802-3, JA11802-5, JA11802-6, JA11802-7

CAS No.	Compound	Spike ug/kg	BSP ug/kg	BSP %	Limits
309-00-2	Aldrin	16.7	17.1	103	69-138
319-84-6	alpha-BHC	16.7	15.6	94	69-139
319-85-7	beta-BHC	16.7	15.6	94	70-131
319-86-8	delta-BHC	16.7	13.0	78	41-137
58-89-9	gamma-BHC (Lindane)	16.7	15.6	94	70-136
5103-71-9	alpha-Chlordane	16.7	16.5	99	69-134
5103-74-2	gamma-Chlordane	16.7	15.7	94	68-135
60-57-1	Dieldrin	16.7	16.7	100	71-139
72-54-8	4,4'-DDD	16.7	17.7	106	69-140
72-55-9	4,4'-DDE	16.7	15.6	94	68-139
50-29-3	4,4'-DDT	16.7	16.7	100	66-140
72-20-8	Endrin	16.7	16.6	100	66-141
1031-07-8	Endosulfan sulfate	16.7	17.5	105	62-138
7421-93-4	Endrin aldehyde	16.7	15.5	93	47-118
959-98-8	Endosulfan-I	16.7	15.8	95	68-133
33213-65-9	Endosulfan-II	16.7	16.6	100	67-134
76-44-8	Heptachlor	16.7	15.7	94	68-136
1024-57-3	Heptachlor epoxide	16.7	15.8	95	69-135
72-43-5	Methoxychlor	16.7	15.2	91	65-140
53494-70-5	Endrin ketone	16.7	16.4	98	63-138

CAS No.	Surrogate Recoveries	BSP	Limits
877-09-8	Tetrachloro-m-xylene	91%	34-132%
877-09-8	Tetrachloro-m-xylene	103%	34-132%
2051-24-3	Decachlorobiphenyl	100%	25-146%
2051-24-3	Decachlorobiphenyl	118%	25-146%

9.2

Raw Data: XX84400.D

Blank Spike Summary

Job Number: JA11802
Account: CARICH C. A. Rich Consultants
Project: Via Verde, 700-730 Brook Avenue, Bronx, NY

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP36890-BS1	XX84400.D	1	02/18/09	OPM	02/13/09	OP36890	GXX3396

The QC reported here applies to the following samples: Method: SW846 8081A

JA11802-4

CAS No.	Compound	Spike ug/kg	BSP ug/kg	BSP %	Limits
309-00-2	Aldrin	16.7	12.9	77	69-138
319-84-6	alpha-BHC	16.7	13.0	78	69-139
319-85-7	beta-BHC	16.7	12.2	73	70-131
319-86-8	delta-BHC	16.7	10.2	61	41-137
58-89-9	gamma-BHC (Lindane)	16.7	12.7	76	70-136
5103-71-9	alpha-Chlordane	16.7	11.7	70	69-134
5103-74-2	gamma-Chlordane	16.7	12.0	72	68-135
60-57-1	Dieldrin	16.7	12.9	77	71-139
72-54-8	4,4'-DDD	16.7	14.5	87	69-140
72-55-9	4,4'-DDE	16.7	12.7	76	68-139
50-29-3	4,4'-DDT	16.7	12.4	74	66-140
72-20-8	Endrin	16.7	12.3	74	66-141
1031-07-8	Endosulfan sulfate	16.7	12.0	72 [a]	62-138
7421-93-4	Endrin aldehyde	16.7	10.6	64	47-118
959-98-8	Endosulfan-I	16.7	12.7	76	68-133
33213-65-9	Endosulfan-II	16.7	13.2	79	67-134
76-44-8	Heptachlor	16.7	11.4	68 [b]	68-136
1024-57-3	Heptachlor epoxide	16.7	12.4	74	69-135
72-43-5	Methoxychlor	16.7	11.1	67	65-140
53494-70-5	Endrin ketone	16.7	12.1	73	63-138

CAS No.	Surrogate Recoveries	BSP	Limits
877-09-8	Tetrachloro-m-xylene	88%	34-132%
877-09-8	Tetrachloro-m-xylene	94%	34-132%
2051-24-3	Decachlorobiphenyl	89%	25-146%
2051-24-3	Decachlorobiphenyl	99%	25-146%

(a) Reported from 2nd signal. %D of end check calibration on 1st signal exceed method criteria (15%) so using for confirmation only.
(b) Reported from 2nd signal. %D of check calibration on 1st signal exceed method criteria (15%) so using for confirmation only.

9.2

Blank Spike Summary

Job Number: JA11802
Account: CARICH C. A. Rich Consultants
Project: Via Verde, 700-730 Brook Avenue, Bronx, NY

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP36859-BS1	EF80698.D	1	02/12/09	VDT	02/11/09	OP36859	GEF3655

The QC reported here applies to the following samples: Method: SW846 8082

JA11802-1, JA11802-2, JA11802-3, JA11802-5, JA11802-6, JA11802-7, JA11802-8, JA11802-9

CAS No.	Compound	Spike ug/kg	BSP ug/kg	BSP %	Limits
12674-11-2	Aroclor 1016	133	135	101	86-155
11104-28-2	Aroclor 1221		ND		70-130
11141-16-5	Aroclor 1232		ND		70-130
53469-21-9	Aroclor 1242		ND		70-130
12672-29-6	Aroclor 1248		ND		70-130
11097-69-1	Aroclor 1254		ND		70-130
11096-82-5	Aroclor 1260	133	120	90	70-137

CAS No.	Surrogate Recoveries	BSP	Limits
877-09-8	Tetrachloro-m-xylene	78%	44-139%
877-09-8	Tetrachloro-m-xylene	78%	44-139%
2051-24-3	Decachlorobiphenyl	97%	39-147%
2051-24-3	Decachlorobiphenyl	92%	39-147%

9.2

Raw Data: 3G35302.D

Blank Spike Summary

Job Number: JA11802
Account: CARICH C. A. Rich Consultants
Project: Via Verde, 700-730 Brook Avenue, Bronx, NY

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP36844-BS2	3G35302.D	1	02/13/09	TDR	02/11/09	OP36844	G3G1320

The QC reported here applies to the following samples: Method: SW846 8082

JA11802-10

CAS No.	Compound	Spike ug/l	BSP ug/l	BSP %	Limits
12674-11-2	Aroclor 1016	2	2.0	100	73-156
11104-28-2	Aroclor 1221		ND		70-130
11141-16-5	Aroclor 1232		ND		70-130
53469-21-9	Aroclor 1242		ND		70-130
12672-29-6	Aroclor 1248		ND		70-130
11097-69-1	Aroclor 1254		ND		70-130
11096-82-5	Aroclor 1260	2	1.9	95	65-145

CAS No.	Surrogate Recoveries	BSP	Limits
877-09-8	Tetrachloro-m-xylene	89%	30-140%
877-09-8	Tetrachloro-m-xylene	87%	30-140%
2051-24-3	Decachlorobiphenyl	95%	10-142%
2051-24-3	Decachlorobiphenyl	94%	10-142%

9.2

Raw Data: AB79603.D

Blank Spike Summary

Job Number: JA11802
Account: CARICH C. A. Rich Consultants
Project: Via Verde, 700-730 Brook Avenue, Bronx, NY

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP36889-BS1	AB79603.D	1	02/13/09	JSE	02/13/09	OP36889	GAB5213

The QC reported here applies to the following samples: Method: SW846 8082

JA11802-4

CAS No.	Compound	Spike ug/kg	BSP ug/kg	BSP %	Limits
12674-11-2	Aroclor 1016	133	124	93	80-158
11104-28-2	Aroclor 1221		ND		70-130
11141-16-5	Aroclor 1232		ND		70-130
53469-21-9	Aroclor 1242		ND		70-130
12672-29-6	Aroclor 1248		ND		70-130
11097-69-1	Aroclor 1254		ND		70-130
11096-82-5	Aroclor 1260	133	113	85	70-145

CAS No.	Surrogate Recoveries	BSP	Limits
877-09-8	Tetrachloro-m-xylene	83%	33-141%
877-09-8	Tetrachloro-m-xylene	80%	33-141%
2051-24-3	Decachlorobiphenyl	94%	32-154%
2051-24-3	Decachlorobiphenyl	95%	32-154%

9.2

Raw Data: OA51670.D OA51671.D

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: JA11802
Account: CARICH C. A. Rich Consultants
Project: Via Verde, 700-730 Brook Avenue, Bronx, NY

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP36843-MS	OA51670.D	1	02/17/09	TDR	02/10/09	OP36843	GOA1864
OP36843-MSD	OA51671.D	1	02/17/09	TDR	02/10/09	OP36843	GOA1864
JA11691-1	OA51887.D	1	02/24/09	TDR	02/10/09	OP36843	GOA1872

The QC reported here applies to the following samples: Method: SW846 8081A

JA11802-10

CAS No.	Compound	JA11691-1 ug/l	Q	Spike ug/l	MS ug/l	MS %	MSD ug/l	MSD %	RPD	Limits Rec/RPD
309-00-2	Aldrin	ND		0.556	0.43	77	0.44	79	2	30-131/39
319-84-6	alpha-BHC	ND		0.556	0.61	110	0.58	104	5	38-144/38
319-85-7	beta-BHC	ND		0.556	0.74	133	0.72	130	3	48-143/33
319-86-8	delta-BHC	ND		0.556	0.47	85	0.46	83	2	23-150/41
58-89-9	gamma-BHC (Lindane)	ND		0.556	0.52	94	0.50	90	4	36-150/33
5103-71-9	alpha-Chlordane	ND		0.556	0.61	110	0.58	104	5	40-145/31
5103-74-2	gamma-Chlordane	ND		0.556	0.46	83	0.46	83	0	39-142/33
60-57-1	Dieldrin	ND		0.556	0.52	94	0.50	90	4	46-149/30
72-54-8	4,4'-DDD	ND		0.556	0.61	110	0.57	103	7	42-161/31
72-55-9	4,4'-DDE	ND		0.556	0.50	90	0.49	88	2	34-149/31
50-29-3	4,4'-DDT	ND		0.556	0.67	121	0.63	113	6	43-150/34
72-20-8	Endrin	ND		0.556	0.51	92	0.48	86	6	44-153/32
1031-07-8	Endosulfan sulfate	ND		0.556	0.48	86	0.48	86	0	45-156/36
7421-93-4	Endrin aldehyde	ND		0.556	0.44	79	0.44	79	0	39-142/39
53494-70-5	Endrin ketone	ND		0.556	0.55	99	0.52	94	6	44-158/29
959-98-8	Endosulfan-I	ND		0.556	0.50	90	0.48	86	4	39-145/30
33213-65-9	Endosulfan-II	ND		0.556	0.60	108	0.61	110	2	44-146/32
76-44-8	Heptachlor	ND		0.556	0.54	97	0.53	95	2	37-133/38
1024-57-3	Heptachlor epoxide	ND		0.556	0.45	81	0.44	79	2	38-148/34
72-43-5	Methoxychlor	ND		0.556	0.77	139	0.77	139	0	45-160/36

CAS No.	Surrogate Recoveries	MS	MSD	JA11691-1	Limits
877-09-8	Tetrachloro-m-xylene	51%	51%	46%	24-127%
877-09-8	Tetrachloro-m-xylene	36%	34%	29%	24-127%
2051-24-3	Decachlorobiphenyl	16%	18%	10%	7-131%
2051-24-3	Decachlorobiphenyl	13%	14%	14%	7-131%

9.3

Raw Data: OA51617.D OA51618.D

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: JA11802
Account: CARICH C. A. Rich Consultants
Project: Via Verde, 700-730 Brook Avenue, Bronx, NY

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP36858-MS	OA51617.D	1	02/14/09	TDR	02/11/09	OP36858	GOA1860
OP36858-MSD	OA51618.D	1	02/14/09	TDR	02/11/09	OP36858	GOA1860
JA11802-1	OA51619.D	1	02/14/09	TDR	02/11/09	OP36858	GOA1860

The QC reported here applies to the following samples: Method: SW846 8081A

JA11802-1, JA11802-2, JA11802-3, JA11802-5, JA11802-6, JA11802-7

CAS No.	Compound	JA11802-1 ug/kg	Q	Spike ug/kg	MS ug/kg	MS %	MSD ug/kg	MSD %	RPD	Limits Rec/RPD
309-00-2	Aldrin	ND		19.1	18.8	98	16.1	84	15	40-133/37
319-84-6	alpha-BHC	ND		19.1	17.6	92	15.3	80	14	40-138/41
319-85-7	beta-BHC	ND		19.1	11.5	60	11.3	59	2	32-148/48
319-86-8	delta-BHC	ND		19.1	11.0	58	9.6	50	14	23-134/48
58-89-9	gamma-BHC (Lindane)	ND		19.1	13.9	73	12.9	67	7	41-136/40
5103-71-9	alpha-Chlordane	ND		19.1	16.0	84	14.3	75	11	34-148/43
5103-74-2	gamma-Chlordane	ND		19.1	13.8	72	12.5	65	10	36-141/40
60-57-1	Dieldrin	ND		19.1	18.0	94	13.9	73	26	35-152/42
72-54-8	4,4'-DDD	ND		19.1	20.1	105	16.1	84	22	34-155/44
72-55-9	4,4'-DDE	ND		19.1	18.6	97	16.1	84	14	35-151/41
50-29-3	4,4'-DDT	ND		19.1	23.7	124	22.7	119	4	31-166/47
72-20-8	Endrin	ND		19.1	19.3	101	16.6	87	15	35-147/43
1031-07-8	Endosulfan sulfate	ND		19.1	10.7	56	9.6	50	11	21-146/48
7421-93-4	Endrin aldehyde	ND		19.1	9.5	50	5.5	29	53* [a]	14-127/48
959-98-8	Endosulfan-I	ND		19.1	13.4	70	17.4	91	26	31-139/43
33213-65-9	Endosulfan-II	ND		19.1	12.9	67	11.0	58	16	30-139/43
76-44-8	Heptachlor	ND		19.1	16.6	87	14.1	74	16	37-139/40
1024-57-3	Heptachlor epoxide	ND		19.1	15.9	83	12.7	66	22	35-145/44
72-43-5	Methoxychlor	ND		19.1	14.1	74	9.8	51	48	28-160/48
53494-70-5	Endrin ketone	ND		19.1	9.2	48	11.3	59	20	29-150/46

CAS No.	Surrogate Recoveries	MS	MSD	JA11802-1	Limits
877-09-8	Tetrachloro-m-xylene	82%	70%	81%	34-132%
877-09-8	Tetrachloro-m-xylene	68%	60%	69%	34-132%
2051-24-3	Decachlorobiphenyl	106%	87%	87%	25-146%
2051-24-3	Decachlorobiphenyl	110%	103%	99%	25-146%

(a) High RPD due to possible sample nonhomogenity.

Raw Data: XX84491.D XX84492.D

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: JA11802
Account: CARICH C. A. Rich Consultants
Project: Via Verde, 700-730 Brook Avenue, Bronx, NY

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP36890-MS	XX84491.D	1	02/21/09	TDR	02/13/09	OP36890	GXX3401
OP36890-MSD	XX84492.D	1	02/21/09	TDR	02/13/09	OP36890	GXX3401
JA11945-4	XX84536.D	4	02/24/09	JSE	02/13/09	OP36890	GXX3404

The QC reported here applies to the following samples: Method: SW846 8081A

JA11802-4

CAS No.	Compound	JA11945-4 ug/kg	Q	Spike ug/kg	MS ug/kg	MS %	MSD ug/kg	MSD %	RPD	Limits Rec/RPD
309-00-2	Aldrin	ND		17.6	11.1	63	10.6	60	5	40-133/37
319-84-6	alpha-BHC	ND		17.6	9.5	54	8.5	48	13	40-138/41
319-85-7	beta-BHC	ND		17.6	14.9	85	15.4	87	3	32-148/48
319-86-8	delta-BHC	ND		17.6	10.9	62	9.5	54	14	23-134/48
58-89-9	gamma-BHC (Lindane)	ND		17.6	14.6	83	12.0	68	14	41-136/40
5103-71-9	alpha-Chlordane	142		17.6	139	0* [a]	138	0* [a]	1	34-148/43
5103-74-2	gamma-Chlordane	129		17.6	129	0* [a]	126	0* [a]	2	36-141/40
60-57-1	Dieldrin	ND		17.6	24.8	141	22.5	128	15	35-152/42
72-54-8	4,4'-DDD	ND		17.6	26.7	152	25.5	145	5	34-155/44
72-55-9	4,4'-DDE	13.1		17.6	32.3	109	32.1	108	1	35-151/41
50-29-3	4,4'-DDT	116		17.6	135	108	158	238* [a]	16	31-166/47
72-20-8	Endrin	40.2		17.6	45.9	32* [a]	65.4	143	4	35-147/43
1031-07-8	Endosulfan sulfate	ND		17.6	15.2	86	11.4	65	29	21-146/48
7421-93-4	Endrin aldehyde	ND		17.6	3.6	20	9.9	56	93* [b]	14-127/48
959-98-8	Endosulfan-I	ND		17.6	19.2	109	17.6	100	37	31-139/43
33213-65-9	Endosulfan-II	ND		17.6	21.1	120	17.5	99	19	30-139/43
76-44-8	Heptachlor	12.2		17.6	24.7	71	26.1	79	6	37-139/40
1024-57-3	Heptachlor epoxide	ND		17.6	24.3	138	22.9	130	2	35-145/44
72-43-5	Methoxychlor	ND		17.6	31.9	181* [c]	24.4	138	27	28-160/48
53494-70-5	Endrin ketone	ND		17.6	18.5	105	10.6	60	86* [b]	29-150/46

CAS No.	Surrogate Recoveries	MS	MSD	JA11945-4	Limits
877-09-8	Tetrachloro-m-xylene	79%	78%	88%	34-132%
877-09-8	Tetrachloro-m-xylene	68%	64%	95%	34-132%
2051-24-3	Decachlorobiphenyl	117%	129%	102%	25-146%
2051-24-3	Decachlorobiphenyl	79%	83%	97%	25-146%

(a) Outside control limits due to high level in sample relative to spike amount.
(b) Analytical precision exceeds standard laboratory control limits.
(c) Outside control limits due to matrix interference.

9.3

Raw Data: EF80741.D EF80742.D

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: JA11802
Account: CARICH C. A. Rich Consultants
Project: Via Verde, 700-730 Brook Avenue, Bronx, NY

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP36844-MS	EF80741.D	1	02/13/09	VDT	02/10/09	OP36844	GEF3656
OP36844-MSD	EF80742.D	1	02/13/09	VDT	02/10/09	OP36844	GEF3656
JA11691-1	EF80743.D	1	02/13/09	VDT	02/10/09	OP36844	GEF3656

The QC reported here applies to the following samples: Method: SW846 8082

JA11802-10

CAS No.	Compound	JA11691-1 ug/l	Q	Spike ug/l	MS ug/l	MS %	MSD ug/l	MSD %	RPD	Limits Rec/RPD
12674-11-2	Aroclor 1016	ND		4.44	6.1	137	5.5	124	10	54-165/43
11104-28-2	Aroclor 1221	ND			ND		ND		nc	70-130/30
11141-16-5	Aroclor 1232	ND			ND		ND		nc	70-130/30
53469-21-9	Aroclor 1242	ND			ND		ND		nc	70-130/30
12672-29-6	Aroclor 1248	ND			ND		ND		nc	70-130/30
11097-69-1	Aroclor 1254	ND			ND		ND		nc	70-130/30
11096-82-5	Aroclor 1260	ND		4.44	4.3	97	4.2	95	2	41-151/42

CAS No.	Surrogate Recoveries	MS	MSD	JA11691-1	Limits
877-09-8	Tetrachloro-m-xylene	62%	51%	48%	30-140%
877-09-8	Tetrachloro-m-xylene	67%	62%	50%	30-140%
2051-24-3	Decachlorobiphenyl	26%	27%	14%	10-142%
2051-24-3	Decachlorobiphenyl	24%	25%	14%	10-142%

9.3

Raw Data: EF80715.D EF80716.D

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: JA11802
Account: CARICH C. A. Rich Consultants
Project: Via Verde, 700-730 Brook Avenue, Bronx, NY

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP36859-MS	EF80715.D	1	02/12/09	VDT	02/11/09	OP36859	GEF3655
OP36859-MSD	EF80716.D	1	02/12/09	VDT	02/11/09	OP36859	GEF3655
JA11802-1	EF80717.D	1	02/12/09	VDT	02/11/09	OP36859	GEF3655

The QC reported here applies to the following samples: Method: SW846 8082

JA11802-1, JA11802-2, JA11802-3, JA11802-5, JA11802-6, JA11802-7, JA11802-8, JA11802-9

CAS No.	Compound	JA11802-1 ug/kg	Q	Spike ug/kg	MS ug/kg	MS %	MSD ug/kg	MSD %	RPD	Limits Rec/RPD
12674-11-2	Aroclor 1016	ND		153	173	113	171	112	1	43-173/42
11104-28-2	Aroclor 1221	ND			ND		ND		nc	70-130/30
11141-16-5	Aroclor 1232	ND			ND		ND		nc	70-130/30
53469-21-9	Aroclor 1242	ND			ND		ND		nc	70-130/30
12672-29-6	Aroclor 1248	ND			ND		ND		nc	70-130/30
11097-69-1	Aroclor 1254	ND			ND		ND		nc	70-130/24
11096-82-5	Aroclor 1260	ND		153	170	111	162	106	5	34-164/41

CAS No.	Surrogate Recoveries	MS	MSD	JA11802-1	Limits
877-09-8	Tetrachloro-m-xylene	89%	79%	88%	33-141%
877-09-8	Tetrachloro-m-xylene	111%	104%	94%	33-141%
2051-24-3	Decachlorobiphenyl	106%	105%	107%	32-154%
2051-24-3	Decachlorobiphenyl	113%	117%	112%	32-154%

9.3 o

Raw Data: AB79628.D AB79629.D

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: JA11802
Account: CARICH C. A. Rich Consultants
Project: Via Verde, 700-730 Brook Avenue, Bronx, NY

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP36889-MS	AB79628.D	1	02/16/09	JSE	02/13/09	OP36889	GAB5214
OP36889-MSD	AB79629.D	1	02/16/09	JSE	02/13/09	OP36889	GAB5214
JA11940-2 [a]	AB79630.D	1	02/16/09	JSE	02/13/09	OP36889	GAB5214

The QC reported here applies to the following samples: Method: SW846 8082

JA11802-4

CAS No.	Compound	JA11940-2 ug/kg	Q	Spike ug/kg	MS ug/kg	MS %	MSD ug/kg	MSD %	RPD	Limits Rec/RPD
12674-11-2	Aroclor 1016	ND		159	162	102	138	87	16	43-173/42
11104-28-2	Aroclor 1221	ND			ND		ND		nc	70-130/30
11141-16-5	Aroclor 1232	ND			ND		ND		nc	70-130/30
53469-21-9	Aroclor 1242	ND			ND		ND		nc	70-130/30
12672-29-6	Aroclor 1248	ND			ND		ND		nc	70-130/30
11097-69-1	Aroclor 1254	ND			ND		ND		nc	70-130/24
11096-82-5	Aroclor 1260	ND		159	164	103	137	86	18	34-164/41

CAS No.	Surrogate Recoveries	MS	MSD	JA11940-2	Limits
877-09-8	Tetrachloro-m-xylene	68%	70%		33-141%
877-09-8	Tetrachloro-m-xylene	46%	49%		33-141%
2051-24-3	Decachlorobiphenyl	69%	71%		32-154%
2051-24-3	Decachlorobiphenyl	68%	73%		32-154%

(a) for QC MS/MSD purpose only.

9.3

Semivolatile Surrogate Recovery Summary

Job Number: JA11802
Account: CARICH C. A. Rich Consultants
Project: Via Verde, 700-730 Brook Avenue, Bronx, NY

Method: SW846 8081A	Matrix: AQ

Samples and QC shown here apply to the above method

Lab Sample ID	Lab File ID	S1 [a]	S1 [b]	S2 [a]	S2 [b]
JA11802-10	OA51497.D	111.0	121.0	85.0	99.0
OP36843-BS2	OA51468.D	108.0	117.0	107.0	121.0
OP36843-MB2	OA51467.D	106.0	114.0	105.0	118.0
OP36843-MS	OA51670.D	51.0	36.0	16.0	13.0
OP36843-MSD	OA51671.D	51.0	34.0	18.0	14.0
OP36843-MB1	OA51529.D	89.0	89.0	91.0	86.0

Surrogate Compounds	Recovery Limits
S1 = Tetrachloro-m-xylene	24-127%
S2 = Decachlorobiphenyl	7-131%

(a) Recovery from GC signal #1
(b) Recovery from GC signal #2

Semivolatile Surrogate Recovery Summary

Job Number: JA11802
Account: CARICH C. A. Rich Consultants
Project: Via Verde, 700-730 Brook Avenue, Bronx, NY

Method: SW846 8081A	Matrix: SO

Samples and QC shown here apply to the above method

Lab Sample ID	Lab File ID	S1 [a]	S1 [b]	S2 [a]	S2 [b]
JA11802-1	OA51619.D	81.0	69.0	87.0	99.0
JA11802-2	OA51504.D	104.0	103.0	119.0	144.0
JA11802-3	OA51620.D	80.0	71.0	88.0	111.0
JA11802-4	XX84402.D	96.0	87.0	101.0	119.0
JA11802-5	OA51505.D	72.0	72.0	119.0	150.0* [c]
JA11802-6	OA51506.D	100.0	98.0	130.0	152.0* [c]
JA11802-7	OA51507.D	108.0	108.0	131.0	151.0* [c]
OP36858-BS1	OA51499.D	91.0	103.0	100.0	118.0
OP36858-MB1	OA51498.D	92.0	103.0	103.0	121.0
OP36858-MS	OA51617.D	82.0	68.0	106.0	110.0
OP36858-MSD	OA51618.D	70.0	60.0	87.0	103.0
OP36890-BS1	XX84400.D	88.0	94.0	89.0	99.0
OP36890-MB1	XX84399.D	85.0	91.0	85.0	96.0
OP36890-MS	XX84491.D	79.0	68.0	117.0	79.0
OP36890-MSD	XX84492.D	78.0	64.0	129.0	83.0

Surrogate Compounds	Recovery Limits
S1 = Tetrachloro-m-xylene	34-132%
S2 = Decachlorobiphenyl	25-146%

(a) Recovery from GC signal #1
(b) Recovery from GC signal #2
(c) Outside control limits possible due to matrix interference.

9.6

Semivolatile Surrogate Recovery Summary

Job Number: JA11802
Account: CARICH C. A. Rich Consultants
Project: Via Verde, 700-730 Brook Avenue, Bronx, NY

Method: SW846 8082	Matrix: AQ

Samples and QC shown here apply to the above method

Lab Sample ID	Lab File ID	S1 [a]	S1 [b]	S2 [a]	S2 [b]
JA11802-10	3G35303.D	86.0	81.0	66.0	68.0
OP36844-BS2	3G35302.D	89.0	87.0	95.0	94.0
OP36844-MB2	3G35301.D	98.0	94.0	103.0	100.0
OP36844-MS	EF80741.D	62.0	67.0	26.0	24.0
OP36844-MSD	EF80742.D	51.0	62.0	27.0	25.0
OP36844-MB1	EF80739.D	92.0	95.0	111.0	103.0

Surrogate Compounds	Recovery Limits
S1 = Tetrachloro-m-xylene	30-140%
S2 = Decachlorobiphenyl	10-142%

(a) Recovery from GC signal #1
(b) Recovery from GC signal #2

Semivolatile Surrogate Recovery Summary

Job Number: JA11802
Account: CARICH C. A. Rich Consultants
Project: Via Verde, 700-730 Brook Avenue, Bronx, NY

Method: SW846 8082 Matrix: SO

Samples and QC shown here apply to the above method

Lab Sample ID	Lab File ID	S1 [a]	S1 [b]	S2 [a]	S2 [b]
JA11802-1	EF80717.D	88.0	94.0	107.0	112.0
JA11802-2	EF80727.D	97.0	101.0	119.0	111.0
JA11802-3	EF80728.D	82.0	86.0	110.0	118.0
JA11802-4	AB79649.D	75.0	62.0	75.0	83.0
JA11802-5	EF80730.D	67.0	70.0	113.0	112.0
JA11802-6	EF80731.D	89.0	93.0	122.0	112.0
JA11802-7	EF80732.D	95.0	100.0	118.0	111.0
JA11802-8	EF80733.D	98.0	102.0	107.0	104.0
JA11802-9	EF80734.D	98.0	101.0	102.0	126.0
OP36859-BS1	EF80698.D	78.0	78.0	97.0	92.0
OP36859-MB1	EF80697.D	84.0	86.0	106.0	102.0
OP36859-MS	EF80715.D	89.0	111.0	106.0	113.0
OP36859-MSD	EF80716.D	79.0	104.0	105.0	117.0
OP36889-BS1	AB79603.D	83.0	80.0	94.0	95.0
OP36889-MB1	AB79602.D	81.0	75.0	88.0	92.0
OP36889-MS	AB79628.D	68.0	46.0	69.0	68.0
OP36889-MSD	AB79629.D	70.0	49.0	71.0	73.0

Surrogate Compounds	Recovery Limits
S1 = Tetrachloro-m-xylene	33-141%
S2 = Decachlorobiphenyl	32-154%

(a) Recovery from GC signal #1
(b) Recovery from GC signal #2

Premier Environmental Services

DATA USABILTY SUMMARY REPORT (DUSR)

VIA VERDE – 700-730 BROOK STREET
BRONX, NEW YORK

ORGANIC AND INORGANIC ANALYSES
IN AQUEOUS SAMPLES

ACCUTEST LABORATORIES
DAYTON, NEW JERSEY

PROJECT NO.: JA12935

March, 2009

Prepared for
C.A. Rich Consultants, Inc.
Plainview, New York

Prepared by
Premier Environmental Services
2815 Covered Bridge Road
Merrick, New York 11566
(516)223-9761

NYS DEC Data Usability Summary Report

DATA VALIDATION FOR:	Volatile Organic Analyses, Base Neutral Semivolatile Organic Analyses, Pesticides, Polychlorinated Biphenyls (PCB's)
SITE:	Via Verde Site Bronx, New York
CONTRACT LAB:	Accutest Laboratories, Inc. Dayton, NJ
REVIEWER:	Renee Cohen
DATE REVIEW COMPLETED:	March, 2009
MATRIX:	Aqueous

The data validation was performed according to the guidelines in the described in the New York State Department of Environmental Conservation, Division of Environmental Remediation, Guidance for the Development of Data Usability Summary Reports (DUSR). In addition the data was been reviewed using the protocol specified in the NYS Analytical Services Protocol ('95).

All data are considered valid and acceptable except those analytes which have been rejected "R" (unreliable/unusable). Due to various QC problems some analytes may have been qualified with a "J" (estimated), "N" (presumptive evidence for the presence of the material, "U" (non-detect), or "JN" (presumptive evidence for the presence of the material at an estimated value) flag. All actions are detailed on the attached sheets.

Several factors should be noted for all persons using this data. Persons using this data should be aware that no result is guaranteed to be accurate even if it has passed all QC tests. The main purpose of this review is to appropriately qualify outliers and to determine whether the results presented meet the specific site/project criteria for data quality and data use.

This data assessment is for a total of seven (7) aqueous samples, one (1) Trip Blank sample and one (1) Field Blank sample. The samples were collected February 25, 2009. The samples were received at Accutest Laboratories located in Dayton, NJ. The samples were received at the laboratory on February 26, 2009. The samples were analyzed for Volatile Organic Analytes (EPA Method 8260B), Semivolatile Organic Analytes (SVOA-EPA Method 8270C), Pesticides (EPA Method 8081) and Polychlorinated Biphenyl's (PCB's, EPA Method 8082) as specified on the Chain of Custody (COC) documentation that accompanied the samples to the laboratory. In addition the samples were analyzed for TAL Metals. The inorganic data review is located in the Inorganic Data Usability Summary Report.

A cross-reference between Field Sample ID and Laboratory Sample ID is located in Table 1 of this report. A list of definitions that may be used in this report is located in Appendix A. Copies of qualified data result pages are located in Appendix B of this report and a copy of Chain of Custody (COC) documentation associated with sampling event is located in Appendix C. Copies of the unqualified summary result pages are located in Appendix D of this report.

DATA USABILITY SUMMARY REPORT (DUSR)
VIA VERDE SITE

1. OVERVIEW:

The seven (7) aqueous samples, one (1) Trip Blank and one (1) Field Blank sample were submitted to the laboratory for the analyses requested on the Chain of Custody (COC) documentation. The samples were analyzed for the organic analytes using EPA Test Methods for the Evaluation of Solid Waste (SW 846), Method 8260/8270/8081/8082. The COC documentation marked which samples received specified analyses. The laboratory was to provide a deliverables package in accordance with the guidelines in the NYSDEC ASP, Rev '95, Category B deliverables.

Accutest Laboratories reported this data set in Laboratory Report JA12935.

2. HOLDING TIME:

The amount of an analyte in a sample can change with time due to chemical instability, degradation, volatilization, etc. If the specified holding time is exceeded, the data may not be valid. Preserved volatile organic analyses are required to be analyzed within 10 days of validated time of sample receipt (VTSR) in accordance with the NYSDEC ASP, Rev '95. The technical holding time for properly preserved aqueous and non-aqueous samples is 14 days from collection. Semivolatile Organic Analyses are to be prepared/extracted within five (5) days of validated time of sample receipt (VTSR) in accordance with the NYSDEC ASP, Rev '95. The technical holding time for properly samples is to prepare the aqueous samples within 7 days of collection and the soil samples within fourteen days of collection.

Volatile Organic Analyses – The samples in this data set were collected February 25, 2009. The samples were received at the laboratory on February 26, 2009. Six (6) aqueous samples, one (1) Field Blank sample and one (1) Trip Blank sample were analyzed for Volatile Organic analytes. All sample analyses were completed by March 2, 2009. All the field samples and QC samples associated with this data set were analyzed within the ten (10) days of VTSR.

Semivolatile Organic Analyses – Six (6) aqueous samples and one (1) Field Blank sample in this data set were prepared in one (1) sample batch on February 27, 2009. All samples in this data set were prepared within the NYS DEC ASP holding time. All extract analyses associated with this data set were completed by March 4, 2009. All samples in this data set were prepared and analyzed within the NYS DEC ASP holding time.

Pesticide Analyses – Six (6) aqueous samples and one (1) Field Blank sample were prepared in one (1) sample batch on February 27, 2009. All extract analyses associated with this data set were completed by March 3, 2009. Copper cleanup was used for each of the sample extracts. This is used to reduce any interference that may affect the sample results. All samples in this data set were prepared and analyzed within the NYS DEC ASP holding time.

Polychlorinated Biphenyl Analyses (PCB's) – Six (6) aqueous samples and one (1) Field Blank sample were prepared in one (1) sample batch on February 27, 2009. Copper cleanup was used for each of the sample extracts. This is used to reduce any interference that may affect the sample results. All samples in this data set were prepared within the NYS DEC ASP holding time. All extract analyses associated with this data set were completed by March 2, 2009. All samples in this data set were prepared and analyzed within the NYS DEC ASP holding time.

DATA USABILITY SUMMARY REPORT (DUSR)
VIA VERDE SITE

3. SURROGATES:

All samples are spiked with surrogate compounds prior to sample preparation to evaluate the overall laboratory performance and the efficiency of the analytical technique. If the measured surrogate concentrations are outside the QC limits, qualifiers were applied to the effected samples.

Volatile Organic Analyses – Each sample was spiked with the surrogate compounds Dibromofluomethane, 1,2-Dichloroethane-d4, Toluene-d8 and 4-Bromofluorobenzene. In-house recovery limits were utilized by the laboratory. The percent recovery of all surrogates met QC limits in all of the samples associated with this data set.

Semivolatile Organic Analyses – Each sample was spiked with the surrogate compounds 2-Fluorophenol, Phenol-d5, 2,4,6-Tribromophenol, Nitrobenzene-d5, 2-Fluorobiphenyl and Terphenyl-d14. The surrogate recovery of all field samples in this data set met in-house QC criteria. The surrogate recovery of 2-Fluorophenl and Phenol-d5 exceeded QC criteria in the site specific MS and MSD sample. The surrogate recovery of Phenol-d5 exceeded QC limits in the MSD sample. Each of the percent recoveries was slightly higher than the QC limit. All surrogate recoveries met QC criteria in the unspiked sample (MW-5). Sample data was not qualified based on the recovery of the surrogate in the MS/MSD sample.

Pesticide Analyses – The surrogates Tetrachloro-m-xylene (TCX) and Decachlorobiphenyl (DCB) were added to each sample prior to sample extraction. The laboratory reported surrogate recovery from both columns on the summary forms. In-house QC limits were utilized. The recovery of TCMX and DCB met QC criteria in all field samples associated with this data set. It was noted on the summary form that surrogates were "double spiked" in both the MS and MSD sample. The preparation log included a spike witness; the raw data indicated the additional spike was added based on the response of these analytes. Sample data was not qualified based on this QC anomaly.

Polychlorinated Biphenyl Analyses (PCB's) – The surrogates Tetrachloro-m-xylene (TCX) and Decachlorobiphenyl (DCB) were added to each sample prior to sample extraction. The laboratory reported surrogate recovery from both columns on the summary forms. The laboratory applied in-house QC limits for each of the surrogates. The surrogate recovery of each surrogate met QC criteria in all samples associated with this data set with the exception of DCB on signal 2 in sample MW-1. The surrogate recovery of DCB met QC criteria from signal 1, therefore no action was taken.

4. MATRIX SPIKE/SPIKE DUPLICATE, MS/MSD:

The MS/MSD data are generated to determine the long term precision and accuracy of the analytical method in various matrices. The MS/MSD may be used in conjunction with other QC criteria for additional qualification of data. The laboratory used the in-house generated recovery criteria and RPD (precision) data for reporting purposes.

Volatile Organic Analyses – One (1) site specific sample was utilized for the MS/MSD analysis. MS/MSD analysis was performed on sample MW-5. Sample MW-5 was fortified with method specified analytes. Percent recovery and Relative Percent Difference was reported on a summary form. The recovery of all spiked compounds met QC criteria in both the MS and MSD sample.

Semivolatile Organic Analyses – One (1) site specific soil sample was utilized for the MS/MSD analysis. MS/MSD analysis was preformed on sample MW-5 (JA12935-1). The sample was spiked with method specified analytes and reported on a summary form. The recovery of all spiked compounds met QC criteria in both the MS and MSD sample. All RPD criteria were met in this site specific MS/MSD analysis.

4. MATRIX SPIKE/SPIKE DUPLICATE, MS/MSD (cont'd):

Pesticide Analyses – One (1) site specific sample was utilized for the MS/MSD analysis. MS/MSD analysis was preformed on sample MW-5. The sample was spiked with method specified analytes and reported on a summary form. The summary form indicated that all samples were "double spiked" with the Matrix Spike solution. The percent recoveries accounted for the additional spike volume. The recovery of all spiked compounds met QC criteria in both the MS and MSD sample. All RPD criteria with the exception of Dieldrin were met in this site specific MS/MSD analysis. The RPD was slightly higher than QC limits although the percent recovery of this analyte met QC criteria in the MS and MSD sample. Sample data was not qualified based on this anamoly.

Polychlorinated Biphenyl Analyses – One (1) site specific sample was utilized for the MS/MSD analysis. MS/MSD analysis was preformed on sample MW-5. The sample was spiked with method specified analytes and reported on a summary form. The summary form indicated that all samples were "double spiked" with the Matrix Spike solution. The percent recoveries accounted for the additional spike volume. The recovery of all spiked compounds met QC criteria in both the MS and MSD sample. All RPD criteria with the exception of Aroclor 1260 were met in this site specific MS/MSD analysis. The RPD was slightly higher than QC limits although the percent recovery of this analyte met QC criteria in the MS and MSD sample. Sample data was not qualified based on this anomaly.

5. BLANK SPIKE ANALYSIS:

The NY ASP protocol requires that a blank spike analysis be performed with each sample batch. The blank spike analysis is used to insure that the analytical system is in control. The laboratory applied in-house recovery limits for each analyte.

Volatile Organic Analytes – The laboratory performed one (1) blank spike analyses with this sample set. The laboratory reported the percent recovery of each spiked analyte. All spike recoveries met QC criteria in the blank spike sample that is associated with this data set.

Semivolatile Organic Analytes – The laboratory prepared and analyzed one (1) aqueous blank spike analysis with this data set. The blank spike samples were spiked with the full target compound list of analytes. The spike recovery of all target analytes met QC criteria in the blank spike sample associated with this data set.

Pesticide Analyses - The laboratory prepared and analyzed one (1) matrix spike blank (MSB) sample with this data set. The recovery of all target analytes met QC criteria in the MSB sample.

Polychlorinated Biphenyl Analyses - The laboratory prepared and analyzed one (1) matrix spike blank (MSB) with this data set. The MSB sample was spiked Aroclor 1016 and Aroclor 1260. The spike recovery of each Aroclor met QC criteria in the blank spike sample.

DATA USABILITY SUMMARY REPORT (DUSR)
VIA VERDE SITE

6. BLANK CONTAMINATION:

Quality assurance (QA) blanks, such as the method, trip, field, or rinse blanks are prepared to identify any contamination that may have been introduced into the samples during sample preparation or field activity. Method blanks measure laboratory contamination. Trip blanks measure cross-contamination of samples during shipment. Field blanks measure cross-contamination of samples during field operations. Samples are then qualified based on blank contamination when detected.

A) Method Blank contamination

Volatile Organic Analyses – One (1) method blank sample is associated with this data set. The aqueous method blank sample was free from contamination of all target analytes.

Semivolatile Organic Analyses – One (1) method blank is associated with the samples in this data set. The method blank sample was free from contamination of all target analytes with the exception of bis(2-ethylhexyl)phthalate at a concentration of 1.2 J ug/l. bis(2-ethylhexyl)phthalate was detected in each of the field samples associated with this data set. The compound has been negated and marked ND on each of the data result pages on all samples with the exception of samples MW-1 and MW-X. The concentration of bis(2-ethylhexyl)phthalate in these samples was greater than what can be attributed to method blank contamination.

Qualified data result pages are located in Appendix B of this report.

Pesticide Analyses – One (1) aqueous method blank sample is associated with this data set. The method blank sample was free from contamination of target analytes.

Polychlorinated Biphenyl Analyses – One (1) aqueous method blank sample is associated with the PCB analyses. The method blank sample is free from contamination of target analytes.

B) Field Blank/Rinse Blank contamination

The Field Blank-FB 2/25 (JA12935-8) was free from contamination of target analytes for all organic analytes in this data set.

C) Trip Blank contamination

The Trip Blank sample (JA12935-7) was free from contamination of all volatile organic target analytes.

DATA USABILITY SUMMARY REPORT (DUSR)
VIA VERDE SITE

7. GC/MS CALIBRATION:

Satisfactory instrument calibration is established to ensure that the instrument is capable of producing acceptable quantitative data. An initial calibration demonstrates that the instrument is capable of giving acceptable performance at the beginning of an experimental sequence. The continuing calibration verifies that the instrument is giving satisfactory daily performance. USEPA data validation criteria is the same for all analytes in both GC/MS Volatile and GC/MS Semivolatile Organic analyses, therefore, all text discussion is for VOA and SVOA samples analyses.

A) RESPONSE FACTOR

The response factor measures the instrument's response to specific chemical compounds. USEPA data review requires that the response factor of all analytes be greater than or equal to 0.05 in both initial and continuing calibration analyses. A value less than 0.05 indicates a serious detection and quantitation problem (poor sensitivity). USEPA data validation criteria states that if the minimum RRF criteria are not met in an initial calibration the positive results are qualified "J". Non-detect results in the initial calibration with a RRF <0.05 are qualified "R", unusable. If RRF criteria is not met in the continuing calibration curve analysis, affected positive analytes will be qualified "J" estimated. Those analytes not detected are not qualified. The SW-846 Methods cite specific analytes known as System Performance Check Compounds (SPCC). Minimum response criteria are set for these analytes. If the minimum criteria are not met, analyses must stop and the source of problems must be found and corrected. Data associated with this set has been reviewed for the criteria in the cited in the EPA Method and the USEPA criteria.

Volatile Organic Analyses – One (1) aqueous initial calibration curve analysis is associated with this data set. The laboratory performed a multi level calibration on February 20, 2009 (Inst 2B). The RRF for all target compounds met QC criteria in this initial calibration curve. One (1) continuing calibration standard is associated with the samples in this data set. The continuing calibration standard was analyzed on March 2, 2009. All RRF criteria were met in the continuing calibration standard.

Semivolatile Organic Analyses – One (1) initial calibration curve analyses are associated with the samples in this data set. The laboratory performed one initial multi level calibration on January 23, 2009 (Inst. R). The RRF for all compounds met QC criteria in this curve analysis. Three (3) continuing calibration standards are associated with this data set. The RRF for each target analyte met QC criteria in each of the CCV standards associated with this data set.

DATA USABILITY SUMMARY REPORT (DUSR)
VIA VERDE SITE

7. GC/MS CALIBRATION

B) PERCENT RELATIVE STANDARD DEVIATION (RSD) AND PERCENT DIFFERENCE (%D):

Percent RSD is calculated from the initial calibration and is used to indicate the stability of the specific compound response factor over increasing concentration. Percent D compares the response factor of the compounds in the continuing calibration standard to the mean response factor (RRF) from the initial calibration. Percent D is a measure of the instrument's daily performance. Region II data validation criteria states that the percent RSD of the initial calibration curve must be less than or equal to 30%. The %D must be <25% in the continuing calibration standard. This criteria has been applied to all target analytes. A value outside of these limits indicates potential detection and quantitation errors. For these reasons, all positive results are flagged as estimated, "J" and non-detects may be flagged "UJ", based on professional judgement. If %RSD and %D grossly exceed QC criteria (>90%), non-detects data may be qualified "R", unuseable. Data associated with this set has been reviewed for the criteria in the cited in the USEPA Data Validation Guidelines.

Volatile Organic Analyses – One (1) aqueous initial calibration curve analysis is associated with this data set. The initial calibration curve analysis was performed on February 20, 2009 (Inst. 2B). All RSD QC criteria were met in this initial calibration curve. One (1) continuing calibration standard analysis (3/2/09, File ID: 2B54480.d) is associated with this data set. The %Difference for all target analytes met QC criteria.

Semivolatile Organic Analyses – One (1) initial calibration curve analysis is associated with the samples in this data set. The laboratory performed one initial multi level calibration on January 23, 2009 (Inst. R). The %RSD for all compounds met QC criteria in this curve analysis. Three (3) continuing calibration standard analyses are associated with this data set. The %Difference for each target analyte met QC criteria in each of these CCV standards.

DATA USABILITY SUMMARY REPORT (DUSR)
VIA VERDE SITE

8. GC CALIBRATION

GC Calibration for the Pesticides and Polychlorinated Biphenyl's (PCB's) was performed in accordance with the cited USEPA Method. Analysis was performed via a single injection with a splitter and dual column analysis. Pesticide analysis was performed using a multi level calibration for each of the target pesticide compounds. Retention time windows and response factors/calibration factors were calculated for each target analyte. %RSD was then summarized in the data report. PCB initial calibration was performed using an initial five (5) point calibration of Aroclor 1016 and 1260. The analyte calibration factors and retention time windows are established. A single point of each of the other Aroclors was analyzed and provided for review. The %RSD of each analyte/peak/Arolocr must be less than 20% in the initial calibration curve analysis. Continuing calibration of each analysis is performed after each ten (10) field samples or more frequently. Relative Percent Difference was calculated for each peak/analyte. Data qualifiers were applied to sample results when QC criteria were not met. Instrument and calibration criteria are then summarized on the USEPA CLP 'like' forms that were included in the data report for review.

Pesticide Analyses - Initial calibration curve analysis was performed on February 20, 2009. The laboratory provided calibration summaries, DDT and Endrin breakdown reports for each day of analysis. Retention time windows were reported for each analyte on each column with each calibraton curve analysis. The laboratory reported the %RSD for each pesticide analyte. All RSD criteria were met for these analyses. A single point standard of Toxaphene and Chlordane were analyzed. All QC criteria associated with the initial calibration curve analysis was met.

PCB Analyses – One (1) initial calibration curve analysis is associated with this data set. Initial calibration was performed on February 9, 2009. Retention Time windows were determined on each column. The laboratory reported the %RSD of each peak in Aroclor 1016 and Aroclor 1260 from each column. All were less than 20%. A single point standard of all other PCB's was analyzed. All QC criteria associated with the initial calibration curve analysis was met.

9. GC/MS MASS SPECTROMETER TUNING:

Tuning and performance criteria are established to ensure adequate mass resolution, proper identification of compounds, and to some degree, sufficient instrument sensitivity. These criteria are not sample specific. Instrument performance is determined using standard materials. Therefore, these criteria should be met in all circumstances. The tuning standard for volatile organics is Bromofluorobenzene (BFB). The tuning compound for semivolatile organic analyses is decafluorotriphenylphosphine (DFTPP). If the mass calibration is in error, or missing, all associated data will be classified as unusable, "R".

Volatile Organic Analyses/ Semivolatile Organic Analyses – All instrument tuning criteria was met for these sample analyses.

DATA USABILITY SUMMARY REPORT (DUSR)
VIA VERDE SITE

10. GC/MS INTERNAL STANDARDS PERFORMANCE:

Internal standard (IS) performance criteria ensure that the GC/MS sensitivity and response are stable during every run. The method recommends that the internal standard area count must not vary by more than a factor of 2 (-50%to +100%) from the associated continuing calibration standard. The method recommends that the retention time of the internal standard must not vary more than ±30 seconds from the associated continuing calibration standard. The EPA CLP validation guidelines state that if the area count is outside the (-50% to +100%) range of the associated standard, all of the positive results for compounds quantitated using that IS are qualified estimated, "J", and all non-detects below 50% are qualified "UJ", non-detects above 100% should not be qualified or "R" if there is a severe loss of sensitivity. The internal standard evaluation criteria have been applied to all field and QC samples.

Volatile Organic Analyses – All samples were fortified with the internal standards Tert Butyl Alcohol-d9, Pentafluorobenzene, 1,4-Difluorobenzene, Chorobenzene-d5 and 1,4-Dichlorobenzene. Internal standard area count criteria were met for all samples and QC samples associated with this data set.

Semivolatile Organic Analyses – All samples were fortified with the internal standards 1,4-Dichlorobenzene-d4, Naphthalene-d8, Acenaphthene-d10, Phenanthrene-d10, Chrysene-d12 and Perylene-d12. Internal standard area count criteria were met in all samples associated with this data set.

11. COMPOUND IDENTIFICATION:

Target compounds are identified on the GC/MS by using the analyte's relative retention time (RRT) and by comparison to the ion spectra obtained from known standards. For the results to be a positive hit, the sample peak must be within ± 0.06 RRT units of the standard compound, and have an ion spectra which has a ratio of the primary and secondary ion intensities with 20% of that in the standard compound. Target compounds are identified on the GC by using the analytes retention time. Concentration is quantitated from the initial calibration curve.

Volatile Organic Analyses – Six (6) aqueous samples, one (1) Trip Blank and one (1) Field Blank sample is associated with this data set. Each of these samples reported the EPA Method 8260B list of analytes. Tentatively Identified Compounds (TIC's) were not reported with this data set. All sample data was reported within the calibration range of the instrument. All samples were analyzed and reported without any additional dilution analyes.

Semivolatile Organic Analyses – Six (6) aqueous and one (1) Field Blank sample were analyzed for the Target Compound List (TCL) analytes. Tentatively Identified Compounds (TIC's) were not reported with this data set. Each of the samples in this data set were analyzed and reported without additional dilution.

Pesticide Analyses – Six (6) aqueous samples and one (1) Field Blank sample were extracted, analyzed and reported for the target analyte list of Pesticides. Pesticides were not detected in any of the samples associated with this data set.

Polychlorinated Biphenyl Analyses – Six (6) aqueous samples and one (1) Field Blank sample were extracted, analyzed and reported for Polychlorinated Biphenyl's (PCB's). Aroclors were not detected in any of the samples in this data set.

DATA USABILITY SUMMARY REPORT (DUSR)
VIA VERDE SITE

12. FIELD DUPLICATE ANALYSES:

Field duplicate samples are collected and analyzed as an indication of overall precision. These results are expected to have more variability than laboratory duplicate samples. Soil samples have a greater variability than aqueous samples. Percent moisture and reported dilution factors also tend to lead to greater variability in RPD. Analytes reported above the reporting limit are listed. Data was not qualified based on the calculated RPD of field duplicate sample analyses.

Sample MW-1 and MW-X are field duplicate samples. Pesticide and PCB analytes were not detected in either of the field duplicate samples. A comparison of field duplicate data could not be made for theses parameters.

Sample ID: MW-1 (JA12935-5)/MW-X (JA12935-6)

Analyte	Result (ug/kg)	Result (ug/kg)	%RPD (%)
Volatile Organic Analytes			
Acetone	11.2	9.8 J	13.3
Benzene	3.3	3.5	5.88
Sec-butylbenzene	2.7 J	2.9 J	7.1
Tert-butylbenzene	2.0 J	2.0 J	0
Chloroethane	1.4	1.7	19.4
Chloroform	0.33 J	0.31 J	6.25
Chloromethane	1.2	1.3	8.0
Ethylbenzene	4.1	4.3	4.8
Isopropylbenzene	22.5	23.8	5.62
p-Isopropyltoluene	0.63 J	0.66 J	4.65
MTBE	0.41J	0.44 J	7.05
Naphthalene	6.7	6.8	1.5
n-propylbenzene	20.1	21.0	4.38
Toluene	1.1	1.2	8.7
1,2,4-Trimethylbenzene	8.3	8.6	3.55
1,3,5-Trimethylbenzene	6.4	6.9	7.5
m,p-Xylene	2.0	2.1	4.9
o-Xylene	1.2	1.2	0
Total Xylene	3.2	3.3	3.1

DATA USABILITY SUMMARY REPORT (DUSR)
VIA VERDE SITE

12. FIELD DUPLICATE ANALYSES (cont'd):

Sample ID: MW-1 (JA12935-5)/MW-X (JA12935-6)

Analyte	Result (ug/kg)	Result (ug/kg)	%RPD (%)
Semivolatile Organic Analytes			
Acenaphthene	0.58 J	0.50 J	14.8
Dibenzofuran	0.61 J	0.60 J	1.65
Di-n-butyl phthalate	1.2 J	ND	NC
Bis(2-Ethylhexyl)phthalate	43.8	46.3	5.55
Fluorene	0.96 J	0.91 J	5.35
2-methylnaphthalene	6.8	10.2	40
Naphthalene	2.4	3.2	28.6
Phenanthrene	0.75 J	0.73 J	2.

ND denotes Not Detected
NC denotes Not Calculated

13. OVERALL ASSESSMENT:

Analytical QC criteria were met for these analyses. The data reported by the laboratory agrees with the raw data provided by the laboratory for review. The laboratory provided a complete data package/report for review.

The Volatile Organic, Pesticide and PCB sample data reported with this data set is acceptable for use, without data qualifiers. Semivolatile Organic data is acceptable for use with the noted data qualifiers due to method blank contamination. Qualifiers are detailed in the above report.

Qualified data result pages are located in Appendix B of this report.

Appendix D of this report contains copies of the QC summary report pages that were included in the laboratory data report.

NYS DEC Data Usability Summary Report

DATA VALIDATION FOR:	**TAL Metals - Total and Filtered**
SITE:	**Via Verde Bronx, New York**
CONTRACT LAB:	**Accutest Laboratories, Inc. Dayton, New Jersey**
REVIEWER:	**Renee Cohen**
DATE REVIEW COMPLETED:	**March, 2009**
MATRIX:	**Aqueous**

The data validation was performed according to the guidelines in the described in the New York State Department of Environmental Conservation, Division of Environmental Remediation, Guidance for the Development of Data Usability Summary Reports (DUSR). In addition the data was been reviewed using the protocol specified in the NYS Analytical Services Protocol ('95).

All data are considered valid and acceptable except those analytes which have been rejected "R" (unreliable/unusable). Due to various QC problems some analytes may have been qualified with a "J" (estimated), "N" (presumptive evidence for the presence of the material, "U" (non-detect), or "JN" (presumptive evidence for the presence of the material at an estimated value) flag. All actions are detailed on the attached sheets.

Several factors should be noted for all persons using this data. Persons using this data should be aware that no result is guaranteed to be accurate even if it has passed all QC tests. The main purpose of this review is to appropriately qualify outliers and to determine whether the results presented meet the specific site/project criteria for data quality and data use.

Six (6) aqueous samples, one (1) Field Blank sample and one (1) Trip Blank sample are associated with this data set. This data assessment is for six (6) aqueous samples and one (1) Field Blank sample that were marked on the Chain of Custody for TAL Metal analyses. The samples were analyzed for both Total and Filtered TAL metals. The samples in this data set were collected February 25, 2009. The samples were received at Accutest Laboratories located in Dayton, New Jersey on February 26, 2009. The Chain of Custody documents listed which samples were to be analyzed for the Total and Filtered TAL Metal List.

The data evaluation was performed according to the guidelines noted in the "National Functional Guidelines for Inorganic Data Review, October, 2004 and the NYSDEC ASP. A Data Usability Summary Report (DUSR) has been prepared in accordance with the guidelines of the Division of Environmental Remediation.

Table 1 of this report contains a cross reference between the Field Sample ID's and the Laboratory Sample ID's.

Appendix A of this Data Usability Summary Report (DUSR) contains a summary of the data qualifiers that may be used in the report. Appendix B contains the qualified data result pages. Appendix C contains the Chain of Custody (COC) documents associated with this data set. Appendix D of this report contains copies of the QC summary report pages that were included in the final laboratory report. These pages are not notated or qualified. The samples in this data set were also analyzed for a number of organic analytes. The organic analytes are reviewed and reported in the organic DUSR that is included with this report.

DATA USABILITY SUMMARY REPORT (DUSR)
VIA VERDE SITE

1. HOLDING TIME

The amount of an analyte in a sample can change with time due to chemical instability, degradation, volatilization, etc. If the specified holding time is exceeded, the data may not be valid. Metals with the exception of Mercury are required to be digested and analyzed within 180 days of Verified Time of Sample Receipt (VTSR). Mercury samples are to be digested and analyzed within 26 days of VTSR.

All samples associated with this data set were prepared and analyzed within the cited method holding time.

2. CALIBRATION ANALYSIS

Inductively Coupled Plasma (ICP) (EPA Method 6010B) was utilized for the Target Analyte List (TAL) of analytes with the exception of Mercury. Mercury was analyzed by EPA Method 7470A/7471A.

The ICP was calibrated using a single point standard as required by the manufacturer. Initial calibration verification (ICV) standard was then analyzed to verify instrument calibration. The field samples associated with this data set were analyzed within two (2) sequences on March 2, 2009 and March 3, 2009.

Recoveries of the ICV standard associated with the analytical sequence met QC criteria. One continuing calibration verification (CCV) standard was then analyzed after each ten (10) field samples. All CCV percent recoveries met QC criteria.

Analysis for Cold Vapor Mercury is calibrated using multi point standards and calculating the correlation coefficient of the curve. One of the calibrations standards must be analyzed at the CRDL. The Mercury analyses associated with this data set were analyzed March 3, 2009. The initial calibration met QC criteria. Continuing calibration standard analysis was performed using a mid point standard and calculating the concentration of the standard in terms of recovery from the initial calibration curve. All continuing calibration analyses associated with this data set met QC criteria.

3. CRDL STANDARD

The CRDL standard is used for the verification of instrument linearity near the CRDL. The CRDL standard control limits are 70%-130% recovery. If the CRDL standard falls outside of the control limits, associated data less than or equal to the 10X the CRDL are qualified estimated (J or UJ) or rejected (R) depending on the recovery of the CRDL standard and the concentration of the analyte in the sample. When the CRDL standard exceeds the control limit, indicating a high bias samples are qualified estimated (J or UJ).

The ICP CRDL standards met QC criteria for analytes with the exception of Arsenic (66.7%/66.7%/132.5%) in the March 2, 2009 analytical run. Arsenic has been qualified (UJ/J) estimated in the samples that were associated with this analytical sequence. All CRDL standards met QC criteria in the analytical sequence on March 3, 2009.

Qualified data result pages are located in Appendix B of this report.

4. ICP INTERFERENCE CHECK STANDARD

The Interference Check Standard (ICS) is used to verify the laboratory interelement and background correction factors of the ICP. Two solutions comprise the ICS A and ICS AB. Solution A consists of the interferent metals while solution AB is the group of target analytes and the interferents metals. An ICS analysis consists of analyzing both solutions consecutively for all wavelengths used for each analyte reported by ICP. The recovery of each analyte in the ICSAB solution must be +/-20% of the true value.

All ICSA and ICSAB recoveries associated with the reported analyses met QC criteria in each of the analytical sequences associated with this data set.

5. MATRIX SPIKE/MATRIX SPIKE DUPLICATE (MS/MSD) ANALYSIS

The spike sample analysis provides information about the effect of the sample matrix upon the digestion and measurement methodology. The spike control limits are 75%-125% when the sample concentration is less than four (4) times the spike added. If the matrix spike recoveries fall in the range of 30%-74%, the sample results are may be biased low and are qualified as estimated (J or UJ). If the matrix spike recoveries fall in the range of 126%-200%, sample results may be biased high. Positive results are qualified estimated (J). If the spike recovery is greater than 125% and the reported sample result is less than the IDL the data point is acceptable for use. If the matrix spike recovery is greater than 200%, the associated sample data are unusable and are rejected (R). If matrix spike results are less than 30%, the associated non-detect results are qualified unusable and rejected (R), and the results reported above the IDL are qualified estimated (J).

Sample MW-5 was utilized for both the Total and Filtered MS sample in this data set. The sample was prepared and analyzed as both a Matrix Spike and Matrix Spike Duplicate (MS/MSD) sample. All percent recoveries met QC criteria in the Total MW-5 sample with the exception of Aluminum (143.5%/151.5%). Aluminum in the MS/MSD sample was qualified N on the QC summary page. Aluminum has been qualified "J" in each of the Total samples. Aluminum was not detected in the field blank sample, therefore no action was taken. All percent recoveries met QC criteria in the Filtered MS and MSD sample.

Qualified data result pages are located in Appendix B of this report.

Sample MW-5 was utilized for the Mercury MS for the both the Total and Filtered sample set. The recovery of Mercury met QC criteria in both the Total and Filtered MS and MSD sample.

6. POST DIGESTION SPIKE ANALYSIS

The post digestion spike sample analysis provides additional information about the effect of the sample matrix upon the digestion and measurement methodology. The post digestion spike is performed for each analyte that the pre-digestion spike recovery falls outside the 75-125% control limit.

Post digestion spike analysis was not reported with this data set.

7. DUPLICATE SAMPLE ANALYSIS

The laboratory duplicate sample analysis is used to evaluate the laboratory precision of the method for each analyte. If the duplicate sample analysis results for a particular analyte fall outside the control windows of 20% RPD or +/- CRDL, (35% for soil samples) whichever is appropriate depending upon the concentration of the sample, the associated sample results are qualified "J" estimated. Soil samples typically have more variation in data results based on the non-homogeneity of the soil.

Accutest Laboratories did not prepare a laboratory duplicate with this sample batch. Matrix Spike duplicate analysis was performed on sample MW-5 for both Mercury and the ICP metals set. The relative percent difference (RPD) between the MS and MSD sample met QC criteria for all target analytes in both the Total and Filtered sample.

8. ICP SERIAL DILUTION

The serial dilution analysis indicates whether significant physical or chemical interference's exist due to the sample matrix. If the concentration of any analyte in the original sample is greater than 50 times the instrument detection limit (IDL), an analysis of a 5-fold dilution samples must yield results which have a percent difference (%D) of less than or equal to 10 with the original sample results. If the %D of the serial dilution exceeds the 10% (and is not greater than 100%) for a particular analyte, all the associated sample results are qualified estimated (J).

The aqueous samples in this data set were prepared in one (1) batch. Serial dilution analysis was performed on sample MW-5. All Serial Dilution analyses met QC criteria with in the Total sample with the exception of Copper (18.5%) and Zinc (41.6%). These target analytes have been qualified "UJ/J" estimated in each of the Total samples in this data set. All Serial Dilution analysis criteria were met in the Filtered Samples.

Qualified data result pages are located in Appendix B of this report.

9. BLANKS

Blank analyses are assessed to determine the existence and magnitude of contamination problems. The criteria for the evaluation of blanks applies to all blanks, including but not limited to reagent blanks, method blanks and field blanks. The responsibility for action in the case of an unsuitable blank result depends upon the circumstances and the origin of the blank itself. If the problem with any blank exists, then all associated data must be carefully evaluated to determine whether there is inherent variability in the data for that case, or the problem is an isolated occurrence not affecting other data.

ICP Metals – The aqueous samples in this data set were prepared in one (1) batch on March 2, 2009. The method blank was free from contamination of all target analytes.

Mercury Analyses - The aqueous samples in this data set were prepared in two (2) batches on March 3, 2009. Each of the method blank samples was free from contamination of Mercury.

The Field Blank sample (Field Blank 2/25) was prepared and analyzed as a Total and Filtered sample and reported with this data set. The Field Blank sample was free from contamination of all target analytes in both the Total and Filtered sample.

DATA USABILITY SUMMARY REPORT (DUSR)
VIA VERDE SITE

10. LABORATORY CONTROL SAMPLE ANALYSIS (LCS)

The laboratory control sample (LCS) analysis provides information about the efficiency of the laboratory digestion procedure. If the recovery of any analyte is outside the established control limits, then laboratory performance and method accuracy are in question. Professional judgment is used to determine of data should be qualified or rejected.

Accutest Laboratories prepared and analyzed one (1) aqueous LCS sample with the ICP digestion batch. Limits of 80-120% recovery for each target analyte were applied by the laboratory. The recovery of all target analytes met QC criteria in ICP LCS sample. Two (2) LCS samples were prepared and analyzed with the Mercury sample analyses. The recovery of Mercury met QC criteria in each of the LCS samples.

11. SAMPLE COMMENTS

All samples in this data set were analyzed in accordance with the cited method. All data was reported correctly. Sample digestates did not need additional dilution analysis. All sample concentrations were reported within the linear range of the instrument.

Sample MW-1 (JA12935-5) was reported from a 1:2 dilution for Lead. Lead was detected at a concentration of 263 ug/l. The reporting limit of Lead was elevated to reflect the dilution that was utilized.

Sample MW-X (JA12935-6) was reported from a 1:2 dilution for Lead and Beryllium. Lead was detected at a concentration of 157 ug/l. Beryllium was not detected at this sample point. The reporting limit of each analyte was elevated to reflect the dilution that was utilized.

Sample MW-1 and MW-X are field duplicate samples. Comparable data was obtained at each sample point. A full summary of field duplicate data is presented in Section 13 of this data report. Lead and Beryllium have been qualified "UJ/J" estimated due to the interfering element that was present in each of the sample digestate.

Qualified data result pages are located in Appendix B of this report.

12. INSTRUMENT QC DATA

The laboratory is required by the method to perform specific instrument verification tests on a specific timeframe. Based on a review of the QC summary forms included in the data report, Accutest Laboratories performed the required studies specified by the method.

DATA USABILITY SUMMARY REPORT (DUSR)
VIA VERDE SITE

13. FIELD DUPLICATE SAMPLE ANALYSIS

Field duplicate samples are collected and analyzed as an indication of overall precision. These results are expected to have more variability than laboratory duplicate samples. Soil samples have more variability than aqueous samples due to the non-homogeneity of the soil. Field duplicate samples were collected at sample point MW-1 Total and Filtered and are reported with this data set.

Sample ID: MW-1 JA12935-5)/MW-X (JA12935-6) TOTAL

Analyte	Concentration (ug/l)	Concentration (ug/l)	RPD (%)
Aluminum	67900	40900	49.6
Arsenic	18.2	10.7	51.9
Barium	790	482	48.4
Beryllium	1.4	ND	NC
Calcium	188000	123000	41.8
Chromium	147	89.4	48.7
Cobalt	67.4	ND	NC
Copper	263	167	44.7
Iron	138000	81200	51.8
Lead	278	157	55.6
Magnesium	95400	54600	54.4
Manganese	5460	4010	30.6
Nickel	141	80.5	54.6
Potassium	29300	21200	32.1
Sodium	23400	21600	8.0
Vanadium	183	109	50.7
Zinc	457	265	53.2

ND denotes Not Detected
NC denotes Not Calculated

Sample ID: MW-1 JA12935-5)/MW-X (JA12935-6) FILTERED

Analyte	Concentration (ug/l)	Concentration (ug/l)	RPD (%)
Calcium	93000	92500	<1
Iron	2350	2670	12.7
Lead	11.8	11.7	<1
Magnesium	20500	20400	<1
Manganese	3030	3110	2.6
Potassium	10400	10400	0
Sodium	24800	24600	<1

Based on the guidelines in the USEPA National Functional Guidelines for Inorganic Data Review (10/2004) sample data has not been qualified based on the results of the field duplicate sample data.

14. SYSTEM PERFORMANCE AND OVERALL ASSESSMENT

The TAL Metal data set included the analysis of six (6) aqueous samples and one (1) Field Blank sample. Each of the samples was prepared, analyzed and reported as a Total Sample and Filtered Sample. The data associated with this data set is acceptable for use with the noted data qualifiers. Data qualifiers have been applied to this data set based on the guidelines in the cited EPA documents. Qualified data result pages are located in Appendix B of this report. A description of the qualifiers and decision for them is detailed in the above report. A summary of qualifiers is located in Appendix A of this report.

Premier Environmental Services

TABLE 1

2815 COVERED BRIDGE ROAD, MERRICK, NEW YORK 11566
(516) 223-9761 • FAX (516) 223-0983

Premier Environmental Services

CLIENT SAMPLE ID	LABORATORY SAMPLE ID
MW-5	JA12935-1
MW-4	JA12935-2
MW-3	JA12935-3
MW-2	JA12935-4
MW-1	JA12935-5
MW-X	JA12935-6
TRIP BLANK	JA12935-7
FIELD BLANK 2/25	JA12935-8

2815 COVERED BRIDGE ROAD, MERRICK, NEW YORK 11566
(516) 223-9761 • FAX (516) 223-0983

APPENDIX A

2815 COVERED BRIDGE ROAD, MERRICK, NEW YORK 11566
(516) 223-9761 • FAX (516) 223-0983

DATA QUALIFIER DEFINITIONS

U - The analyte was analyzed for, but was not detected above the reported sample quantitation limit.

J - The analyte was positively identified; the associated numerical value is the approximate concentration of the analyte in the sample.

N - The analysis indicates the presence of an analyte for which there is presumptive evidence to make a "tentative identification."

NJ - The analysis indicates the presence of an analyte that has been "tentatively identified" and the associated numerical value represents its approximate concentration.

UJ - The analyte was not detected above the reported sample quantitation limit. However, the reported quantitation limit is approximate and may or may not represent the actual limit of quantitation necessary to accurately and precisely measure the analyte in the sample.

R - The sample results are unreliable/unusable. The presence or absence of the analyte cannot be verified.

K – The analyte is present. The reported value may be biased high. The actual value is expected to be lower than reported.

L - The analyte is present. The reported value may be biased low. The actual value is expected to be higher than reported.

UL – The analyte was not detected, and the reported quantitation limit is probably higher than reported.

Premier Environmental Services

APPENDIX B

2815 COVERED BRIDGE ROAD, MERRICK, NEW YORK 11566
(516) 223-9761 • FAX (516) 223-0983

Accutest Laboratories

Report of Analysis

Client Sample ID:	MW-5		
Lab Sample ID:	JA12935-1	Date Sampled:	02/25/09
Matrix:	AQ - Ground Water	Date Received:	02/26/09
Method:	SW846 8270C SW846 3510C	Percent Solids:	n/a
Project:	Via Verde, 700-730 Brook Avenue, Bronx, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	R71305.D	1	03/02/09	VN	02/27/09	OP37066	ER2651
Run #2							

	Initial Volume	Final Volume
Run #1	930 ml	1.0 ml
Run #2		

ABN TCL List (CLP4.2 list)

CAS No.	Compound	Result	RL	MDL	Units	Q
95-57-8	2-Chlorophenol	ND	5.4	1.6	ug/l	
59-50-7	4-Chloro-3-methyl phenol	ND	5.4	2.5	ug/l	
120-83-2	2,4-Dichlorophenol	ND	5.4	2.1	ug/l	
105-67-9	2,4-Dimethylphenol	ND	5.4	2.1	ug/l	
51-28-5	2,4-Dinitrophenol	ND	22	4.5	ug/l	
534-52-1	4,6-Dinitro-o-cresol	ND	22	1.3	ug/l	
95-48-7	2-Methylphenol	ND	2.2	1.5	ug/l	
	3&4-Methylphenol	ND	2.2	1.6	ug/l	
88-75-5	2-Nitrophenol	ND	5.4	2.1	ug/l	
100-02-7	4-Nitrophenol	ND	11	2.4	ug/l	
87-86-5	Pentachlorophenol	ND	11	1.3	ug/l	
108-95-2	Phenol	ND	2.2	1.5	ug/l	
95-95-4	2,4,5-Trichlorophenol	ND	5.4	2.1	ug/l	
88-06-2	2,4,6-Trichlorophenol	ND	5.4	1.7	ug/l	
83-32-9	Acenaphthene	ND	1.1	0.41	ug/l	
208-96-8	Acenaphthylene	ND	1.1	0.58	ug/l	
98-86-2	Acetophenone	ND	5.4	0.50	ug/l	
120-12-7	Anthracene	ND	1.1	0.45	ug/l	
1912-24-9	Atrazine	ND	5.4	0.66	ug/l	
100-52-7	Benzaldehyde	ND	5.4	1.7	ug/l	
56-55-3	Benzo(a)anthracene	ND	1.1	0.41	ug/l	
50-32-8	Benzo(a)pyrene	ND	1.1	0.51	ug/l	
205-99-2	Benzo(b)fluoranthene	ND	1.1	0.56	ug/l	
191-24-2	Benzo(g,h,i)perylene	ND	1.1	0.49	ug/l	
207-08-9	Benzo(k)fluoranthene	ND	1.1	0.61	ug/l	
101-55-3	4-Bromophenyl phenyl ether	ND	2.2	0.44	ug/l	
85-68-7	Butyl benzyl phthalate	ND	2.2	0.45	ug/l	
92-52-4	1,1'-Biphenyl	ND	2.2	0.59	ug/l	
91-58-7	2-Chloronaphthalene	ND	5.4	0.52	ug/l	
106-47-8	4-Chloroaniline	ND	5.4	0.36	ug/l	
86-74-8	Carbazole	ND	2.2	0.48	ug/l	
105-60-2	Caprolactam	ND	2.2	0.67	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:	MW-5		
Lab Sample ID:	JA12935-1	Date Sampled:	02/25/09
Matrix:	AQ - Ground Water	Date Received:	02/26/09
Method:	SW846 8270C SW846 3510C	Percent Solids:	n/a
Project:	Via Verde, 700-730 Brook Avenue, Bronx, NY		

ABN TCL List (CLP4.2 list)

CAS No.	Compound	Result	RL	MDL	Units	Q
218-01-9	Chrysene	ND	1.1	0.47	ug/l	
111-91-1	bis(2-Chloroethoxy)methane	ND	2.2	0.56	ug/l	
111-44-4	bis(2-Chloroethyl)ether	ND	2.2	0.53	ug/l	
108-60-1	bis(2-Chloroisopropyl)ether	ND	2.2	0.58	ug/l	
7005-72-3	4-Chlorophenyl phenyl ether	ND	2.2	0.49	ug/l	
121-14-2	2,4-Dinitrotoluene	ND	2.2	0.49	ug/l	
606-20-2	2,6-Dinitrotoluene	ND	2.2	0.65	ug/l	
91-94-1	3,3'-Dichlorobenzidine	ND	5.4	4.9	ug/l	
53-70-3	Dibenzo(a,h)anthracene	ND	1.1	0.48	ug/l	
132-64-9	Dibenzofuran	ND	5.4	0.52	ug/l	
84-74-2	Di-n-butyl phthalate	ND	2.2	0.54	ug/l	
117-84-0	Di-n-octyl phthalate	ND	2.2	0.53	ug/l	
84-66-2	Diethyl phthalate	ND	2.2	0.39	ug/l	
131-11-3	Dimethyl phthalate	ND	2.2	0.39	ug/l	
117-81-7	bis(2-Ethylhexyl)phthalate	~~1.3~~ ND	2.2	0.81	ug/l	~~JB~~
206-44-0	Fluoranthene	ND	1.1	0.43	ug/l	
86-73-7	Fluorene	ND	1.1	0.43	ug/l	
118-74-1	Hexachlorobenzene	ND	2.2	0.48	ug/l	
87-68-3	Hexachlorobutadiene	ND	1.1	0.40	ug/l	
77-47-4	Hexachlorocyclopentadiene	ND	22	4.9	ug/l	
67-72-1	Hexachloroethane	ND	5.4	0.32	ug/l	
193-39-5	Indeno(1,2,3-cd)pyrene	ND	1.1	0.45	ug/l	
78-59-1	Isophorone	ND	2.2	0.74	ug/l	
91-57-6	2-Methylnaphthalene	ND	2.2	0.47	ug/l	
88-74-4	2-Nitroaniline	ND	5.4	0.48	ug/l	
99-09-2	3-Nitroaniline	ND	5.4	0.48	ug/l	
100-01-6	4-Nitroaniline	ND	5.4	0.49	ug/l	
91-20-3	Naphthalene	ND	1.1	0.34	ug/l	
98-95-3	Nitrobenzene	ND	2.2	0.71	ug/l	
621-64-7	N-Nitroso-di-n-propylamine	ND	2.2	0.42	ug/l	
86-30-6	N-Nitrosodiphenylamine	ND	5.4	0.65	ug/l	
85-01-8	Phenanthrene	ND	1.1	0.36	ug/l	
129-00-0	Pyrene	ND	1.1	0.52	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
367-12-4	2-Fluorophenol	48%		10-69%
4165-62-2	Phenol-d5	30%		10-52%
118-79-6	2,4,6-Tribromophenol	78%		32-134%
4165-60-0	Nitrobenzene-d5	73%		23-116%

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:	MW-5		
Lab Sample ID:	JA12935-1	Date Sampled:	02/25/09
Matrix:	AQ - Ground Water	Date Received:	02/26/09
Method:	SW846 8270C SW846 3510C	Percent Solids:	n/a
Project:	Via Verde, 700-730 Brook Avenue, Bronx, NY		

ABN TCL List (CLP4.2 list)

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
321-60-8	2-Fluorobiphenyl	76%		28-109%
1718-51-0	Terphenyl-d14	67%		24-125%

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:	MW-4		
Lab Sample ID:	JA12935-2	Date Sampled:	02/25/09
Matrix:	AQ - Ground Water	Date Received:	02/26/09
Method:	SW846 8270C SW846 3510C	Percent Solids:	n/a
Project:	Via Verde, 700-730 Brook Avenue, Bronx, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	R71301.D	1	03/02/09	VN	02/27/09	OP37066	ER2651
Run #2							

	Initial Volume	Final Volume
Run #1	1000 ml	1.0 ml
Run #2		

ABN TCL List (CLP4.2 list)

CAS No.	Compound	Result	RL	MDL	Units	Q
95-57-8	2-Chlorophenol	ND	5.0	1.5	ug/l	
59-50-7	4-Chloro-3-methyl phenol	ND	5.0	2.3	ug/l	
120-83-2	2,4-Dichlorophenol	ND	5.0	1.9	ug/l	
105-67-9	2,4-Dimethylphenol	ND	5.0	2.0	ug/l	
51-28-5	2,4-Dinitrophenol	ND	20	4.2	ug/l	
534-52-1	4,6-Dinitro-o-cresol	ND	20	1.2	ug/l	
95-48-7	2-Methylphenol	ND	2.0	1.4	ug/l	
	3&4-Methylphenol	ND	2.0	1.5	ug/l	
88-75-5	2-Nitrophenol	ND	5.0	1.9	ug/l	
100-02-7	4-Nitrophenol	ND	10	2.3	ug/l	
87-86-5	Pentachlorophenol	ND	10	1.2	ug/l	
108-95-2	Phenol	ND	2.0	1.4	ug/l	
95-95-4	2,4,5-Trichlorophenol	ND	5.0	2.0	ug/l	
88-06-2	2,4,6-Trichlorophenol	ND	5.0	1.6	ug/l	
83-32-9	Acenaphthene	ND	1.0	0.38	ug/l	
208-96-8	Acenaphthylene	ND	1.0	0.54	ug/l	
98-86-2	Acetophenone	ND	5.0	0.47	ug/l	
120-12-7	Anthracene	ND	1.0	0.42	ug/l	
1912-24-9	Atrazine	ND	5.0	0.62	ug/l	
100-52-7	Benzaldehyde	ND	5.0	1.6	ug/l	
56-55-3	Benzo(a)anthracene	ND	1.0	0.38	ug/l	
50-32-8	Benzo(a)pyrene	ND	1.0	0.48	ug/l	
205-99-2	Benzo(b)fluoranthene	ND	1.0	0.53	ug/l	
191-24-2	Benzo(g,h,i)perylene	ND	1.0	0.46	ug/l	
207-08-9	Benzo(k)fluoranthene	ND	1.0	0.57	ug/l	
101-55-3	4-Bromophenyl phenyl ether	ND	2.0	0.41	ug/l	
85-68-7	Butyl benzyl phthalate	ND	2.0	0.42	ug/l	
92-52-4	1,1'-Biphenyl	ND	2.0	0.55	ug/l	
91-58-7	2-Chloronaphthalene	ND	5.0	0.48	ug/l	
106-47-8	4-Chloroaniline	ND	5.0	0.33	ug/l	
86-74-8	Carbazole	ND	2.0	0.45	ug/l	
105-60-2	Caprolactam	ND	2.0	0.63	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:	MW-4		
Lab Sample ID:	JA12935-2	Date Sampled:	02/25/09
Matrix:	AQ - Ground Water	Date Received:	02/26/09
Method:	SW846 8270C SW846 3510C	Percent Solids:	n/a
Project:	Via Verde, 700-730 Brook Avenue, Bronx, NY		

ABN TCL List (CLP4.2 list)

CAS No.	Compound	Result	RL	MDL	Units	Q
218-01-9	Chrysene	ND	1.0	0.44	ug/l	
111-91-1	bis(2-Chloroethoxy)methane	ND	2.0	0.52	ug/l	
111-44-4	bis(2-Chloroethyl)ether	ND	2.0	0.49	ug/l	
108-60-1	bis(2-Chloroisopropyl)ether	ND	2.0	0.54	ug/l	
7005-72-3	4-Chlorophenyl phenyl ether	ND	2.0	0.45	ug/l	
121-14-2	2,4-Dinitrotoluene	ND	2.0	0.45	ug/l	
606-20-2	2,6-Dinitrotoluene	ND	2.0	0.60	ug/l	
91-94-1	3,3'-Dichlorobenzidine	ND	5.0	4.6	ug/l	
53-70-3	Dibenzo(a,h)anthracene	ND	1.0	0.45	ug/l	
132-64-9	Dibenzofuran	ND	5.0	0.49	ug/l	
84-74-2	Di-n-butyl phthalate	ND	2.0	0.50	ug/l	
117-84-0	Di-n-octyl phthalate	ND	2.0	0.50	ug/l	
84-66-2	Diethyl phthalate	ND	2.0	0.36	ug/l	
131-11-3	Dimethyl phthalate	ND	2.0	0.36	ug/l	
117-81-7	bis(2-Ethylhexyl)phthalate	~~1.2~~ ND	2.0	0.75	ug/l	~~JB~~
206-44-0	Fluoranthene	ND	1.0	0.40	ug/l	
86-73-7	Fluorene	ND	1.0	0.40	ug/l	
118-74-1	Hexachlorobenzene	ND	2.0	0.45	ug/l	
87-68-3	Hexachlorobutadiene	ND	1.0	0.38	ug/l	
77-47-4	Hexachlorocyclopentadiene	ND	20	4.5	ug/l	
67-72-1	Hexachloroethane	ND	5.0	0.30	ug/l	
193-39-5	Indeno(1,2,3-cd)pyrene	ND	1.0	0.42	ug/l	
78-59-1	Isophorone	ND	2.0	0.69	ug/l	
91-57-6	2-Methylnaphthalene	ND	2.0	0.43	ug/l	
88-74-4	2-Nitroaniline	ND	5.0	0.45	ug/l	
99-09-2	3-Nitroaniline	ND	5.0	0.45	ug/l	
100-01-6	4-Nitroaniline	ND	5.0	0.45	ug/l	
91-20-3	Naphthalene	ND	1.0	0.32	ug/l	
98-95-3	Nitrobenzene	ND	2.0	0.66	ug/l	
621-64-7	N-Nitroso-di-n-propylamine	ND	2.0	0.39	ug/l	
86-30-6	N-Nitrosodiphenylamine	ND	5.0	0.61	ug/l	
85-01-8	Phenanthrene	ND	1.0	0.34	ug/l	
129-00-0	Pyrene	ND	1.0	0.48	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
367-12-4	2-Fluorophenol	48%		10-69%
4165-62-2	Phenol-d5	29%		10-52%
118-79-6	2,4,6-Tribromophenol	81%		32-134%
4165-60-0	Nitrobenzene-d5	73%		23-116%

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:	MW-4		
Lab Sample ID:	JA12935-2	Date Sampled:	02/25/09
Matrix:	AQ - Ground Water	Date Received:	02/26/09
Method:	SW846 8270C SW846 3510C	Percent Solids:	n/a
Project:	Via Verde, 700-730 Brook Avenue, Bronx, NY		

ABN TCL List (CLP4.2 list)

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
321-60-8	2-Fluorobiphenyl	77%		28-109%
1718-51-0	Terphenyl-d14	68%		24-125%

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: R71308.D

Accutest Laboratories

Report of Analysis

Client Sample ID:	MW-3		
Lab Sample ID:	JA12935-3	Date Sampled:	02/25/09
Matrix:	AQ - Ground Water	Date Received:	02/26/09
Method:	SW846 8270C SW846 3510C	Percent Solids:	n/a
Project:	Via Verde, 700-730 Brook Avenue, Bronx, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	R71308.D	1	03/02/09	VN	02/27/09	OP37066	ER2651
Run #2							

	Initial Volume	Final Volume
Run #1	1000 ml	1.0 ml
Run #2		

ABN TCL List (CLP4.2 list)

CAS No.	Compound	Result	RL	MDL	Units	Q
95-57-8	2-Chlorophenol	ND	5.0	1.5	ug/l	
59-50-7	4-Chloro-3-methyl phenol	ND	5.0	2.3	ug/l	
120-83-2	2,4-Dichlorophenol	ND	5.0	1.9	ug/l	
105-67-9	2,4-Dimethylphenol	ND	5.0	2.0	ug/l	
51-28-5	2,4-Dinitrophenol	ND	20	4.2	ug/l	
534-52-1	4,6-Dinitro-o-cresol	ND	20	1.2	ug/l	
95-48-7	2-Methylphenol	ND	2.0	1.4	ug/l	
	3&4-Methylphenol	ND	2.0	1.5	ug/l	
88-75-5	2-Nitrophenol	ND	5.0	1.9	ug/l	
100-02-7	4-Nitrophenol	ND	10	2.3	ug/l	
87-86-5	Pentachlorophenol	ND	10	1.2	ug/l	
108-95-2	Phenol	ND	2.0	1.4	ug/l	
95-95-4	2,4,5-Trichlorophenol	ND	5.0	2.0	ug/l	
88-06-2	2,4,6-Trichlorophenol	ND	5.0	1.6	ug/l	
83-32-9	Acenaphthene	ND	1.0	0.38	ug/l	
208-96-8	Acenaphthylene	ND	1.0	0.54	ug/l	
98-86-2	Acetophenone	ND	5.0	0.47	ug/l	
120-12-7	Anthracene	ND	1.0	0.42	ug/l	
1912-24-9	Atrazine	ND	5.0	0.62	ug/l	
100-52-7	Benzaldehyde	ND	5.0	1.6	ug/l	
56-55-3	Benzo(a)anthracene	ND	1.0	0.38	ug/l	
50-32-8	Benzo(a)pyrene	ND	1.0	0.48	ug/l	
205-99-2	Benzo(b)fluoranthene	ND	1.0	0.53	ug/l	
191-24-2	Benzo(g,h,i)perylene	ND	1.0	0.46	ug/l	
207-08-9	Benzo(k)fluoranthene	ND	1.0	0.57	ug/l	
101-55-3	4-Bromophenyl phenyl ether	ND	2.0	0.41	ug/l	
85-68-7	Butyl benzyl phthalate	ND	2.0	0.42	ug/l	
92-52-4	1,1'-Biphenyl	ND	2.0	0.55	ug/l	
91-58-7	2-Chloronaphthalene	ND	5.0	0.48	ug/l	
106-47-8	4-Chloroaniline	ND	5.0	0.33	ug/l	
86-74-8	Carbazole	ND	2.0	0.45	ug/l	
105-60-2	Caprolactam	ND	2.0	0.63	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:	MW-3		
Lab Sample ID:	JA12935-3	Date Sampled:	02/25/09
Matrix:	AQ - Ground Water	Date Received:	02/26/09
Method:	SW846 8270C SW846 3510C	Percent Solids:	n/a
Project:	Via Verde, 700-730 Brook Avenue, Bronx, NY		

ABN TCL List (CLP4.2 list)

CAS No.	Compound	Result	RL	MDL	Units	Q
218-01-9	Chrysene	ND	1.0	0.44	ug/l	
111-91-1	bis(2-Chloroethoxy)methane	ND	2.0	0.52	ug/l	
111-44-4	bis(2-Chloroethyl)ether	ND	2.0	0.49	ug/l	
108-60-1	bis(2-Chloroisopropyl)ether	ND	2.0	0.54	ug/l	
7005-72-3	4-Chlorophenyl phenyl ether	ND	2.0	0.45	ug/l	
121-14-2	2,4-Dinitrotoluene	ND	2.0	0.45	ug/l	
606-20-2	2,6-Dinitrotoluene	ND	2.0	0.60	ug/l	
91-94-1	3,3'-Dichlorobenzidine	ND	5.0	4.6	ug/l	
53-70-3	Dibenzo(a,h)anthracene	ND	1.0	0.45	ug/l	
132-64-9	Dibenzofuran	ND	5.0	0.49	ug/l	
84-74-2	Di-n-butyl phthalate	ND	2.0	0.50	ug/l	
117-84-0	Di-n-octyl phthalate	ND	2.0	0.50	ug/l	
84-66-2	Diethyl phthalate	ND	2.0	0.36	ug/l	
131-11-3	Dimethyl phthalate	ND	2.0	0.36	ug/l	
117-81-7	bis(2-Ethylhexyl)phthalate	~~1.7~~ ND	2.0	0.75	ug/l	~~JB~~
206-44-0	Fluoranthene	0.47	1.0	0.40	ug/l	J
86-73-7	Fluorene	ND	1.0	0.40	ug/l	
118-74-1	Hexachlorobenzene	ND	2.0	0.45	ug/l	
87-68-3	Hexachlorobutadiene	ND	1.0	0.38	ug/l	
77-47-4	Hexachlorocyclopentadiene	ND	20	4.5	ug/l	
67-72-1	Hexachloroethane	ND	5.0	0.30	ug/l	
193-39-5	Indeno(1,2,3-cd)pyrene	ND	1.0	0.42	ug/l	
78-59-1	Isophorone	ND	2.0	0.69	ug/l	
91-57-6	2-Methylnaphthalene	ND	2.0	0.43	ug/l	
88-74-4	2-Nitroaniline	ND	5.0	0.45	ug/l	
99-09-2	3-Nitroaniline	ND	5.0	0.45	ug/l	
100-01-6	4-Nitroaniline	ND	5.0	0.45	ug/l	
91-20-3	Naphthalene	ND	1.0	0.32	ug/l	
98-95-3	Nitrobenzene	ND	2.0	0.66	ug/l	
621-64-7	N-Nitroso-di-n-propylamine	ND	2.0	0.39	ug/l	
86-30-6	N-Nitrosodiphenylamine	ND	5.0	0.61	ug/l	
85-01-8	Phenanthrene	ND	1.0	0.34	ug/l	
129-00-0	Pyrene	ND	1.0	0.48	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
367-12-4	2-Fluorophenol	50%		10-69%
4165-62-2	Phenol-d5	29%		10-52%
118-79-6	2,4,6-Tribromophenol	90%		32-134%
4165-60-0	Nitrobenzene-d5	75%		23-116%

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:	MW-3		
Lab Sample ID:	JA12935-3	Date Sampled:	02/25/09
Matrix:	AQ - Ground Water	Date Received:	02/26/09
Method:	SW846 8270C SW846 3510C	Percent Solids:	n/a
Project:	Via Verde, 700-730 Brook Avenue, Bronx, NY		

ABN TCL List (CLP4.2 list)

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
321-60-8	2-Fluorobiphenyl	79%		28-109%
1718-51-0	Terphenyl-d14	68%		24-125%

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: R71300.D

Accutest Laboratories

Report of Analysis

Client Sample ID:	MW-2		
Lab Sample ID:	JA12935-4	Date Sampled:	02/25/09
Matrix:	AQ - Ground Water	Date Received:	02/26/09
Method:	SW846 8270C SW846 3510C	Percent Solids:	n/a
Project:	Via Verde, 700-730 Brook Avenue, Bronx, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	R71300.D	1	03/02/09	VN	02/27/09	OP37066	ER2651
Run #2							

	Initial Volume	Final Volume
Run #1	1000 ml	1.0 ml
Run #2		

ABN TCL List (CLP4.2 list)

CAS No.	Compound	Result	RL	MDL	Units	Q
95-57-8	2-Chlorophenol	ND	5.0	1.5	ug/l	
59-50-7	4-Chloro-3-methyl phenol	ND	5.0	2.3	ug/l	
120-83-2	2,4-Dichlorophenol	ND	5.0	1.9	ug/l	
105-67-9	2,4-Dimethylphenol	ND	5.0	2.0	ug/l	
51-28-5	2,4-Dinitrophenol	ND	20	4.2	ug/l	
534-52-1	4,6-Dinitro-o-cresol	ND	20	1.2	ug/l	
95-48-7	2-Methylphenol	ND	2.0	1.4	ug/l	
	3&4-Methylphenol	ND	2.0	1.5	ug/l	
88-75-5	2-Nitrophenol	ND	5.0	1.9	ug/l	
100-02-7	4-Nitrophenol	ND	10	2.3	ug/l	
87-86-5	Pentachlorophenol	ND	10	1.2	ug/l	
108-95-2	Phenol	ND	2.0	1.4	ug/l	
95-95-4	2,4,5-Trichlorophenol	ND	5.0	2.0	ug/l	
88-06-2	2,4,6-Trichlorophenol	ND	5.0	1.6	ug/l	
83-32-9	Acenaphthene	0.87	1.0	0.38	ug/l	J
208-96-8	Acenaphthylene	ND	1.0	0.54	ug/l	
98-86-2	Acetophenone	ND	5.0	0.47	ug/l	
120-12-7	Anthracene	ND	1.0	0.42	ug/l	
1912-24-9	Atrazine	ND	5.0	0.62	ug/l	
100-52-7	Benzaldehyde	ND	5.0	1.6	ug/l	
56-55-3	Benzo(a)anthracene	ND	1.0	0.38	ug/l	
50-32-8	Benzo(a)pyrene	ND	1.0	0.48	ug/l	
205-99-2	Benzo(b)fluoranthene	ND	1.0	0.53	ug/l	
191-24-2	Benzo(g,h,i)perylene	ND	1.0	0.46	ug/l	
207-08-9	Benzo(k)fluoranthene	ND	1.0	0.57	ug/l	
101-55-3	4-Bromophenyl phenyl ether	ND	2.0	0.41	ug/l	
85-68-7	Butyl benzyl phthalate	ND	2.0	0.42	ug/l	
92-52-4	1,1'-Biphenyl	1.0	2.0	0.55	ug/l	J
91-58-7	2-Chloronaphthalene	ND	5.0	0.48	ug/l	
106-47-8	4-Chloroaniline	ND	5.0	0.33	ug/l	
86-74-8	Carbazole	ND	2.0	0.45	ug/l	
105-60-2	Caprolactam	ND	2.0	0.63	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:	MW-2		
Lab Sample ID:	JA12935-4	Date Sampled:	02/25/09
Matrix:	AQ - Ground Water	Date Received:	02/26/09
Method:	SW846 8270C SW846 3510C	Percent Solids:	n/a
Project:	Via Verde, 700-730 Brook Avenue, Bronx, NY		

ABN TCL List (CLP4.2 list)

CAS No.	Compound	Result	RL	MDL	Units	Q
218-01-9	Chrysene	ND	1.0	0.44	ug/l	
111-91-1	bis(2-Chloroethoxy)methane	ND	2.0	0.52	ug/l	
111-44-4	bis(2-Chloroethyl)ether	ND	2.0	0.49	ug/l	
108-60-1	bis(2-Chloroisopropyl)ether	ND	2.0	0.54	ug/l	
7005-72-3	4-Chlorophenyl phenyl ether	ND	2.0	0.45	ug/l	
121-14-2	2,4-Dinitrotoluene	ND	2.0	0.45	ug/l	
606-20-2	2,6-Dinitrotoluene	ND	2.0	0.60	ug/l	
91-94-1	3,3'-Dichlorobenzidine	ND	5.0	4.6	ug/l	
53-70-3	Dibenzo(a,h)anthracene	ND	1.0	0.45	ug/l	
132-64-9	Dibenzofuran	0.64	5.0	0.49	ug/l	J
84-74-2	Di-n-butyl phthalate	ND	2.0	0.50	ug/l	
117-84-0	Di-n-octyl phthalate	ND	2.0	0.50	ug/l	
84-66-2	Diethyl phthalate	ND	2.0	0.36	ug/l	
131-11-3	Dimethyl phthalate	ND	2.0	0.36	ug/l	
117-81-7	bis(2-Ethylhexyl)phthalate	~~1.2~~ ND	2.0	0.75	ug/l	~~JB~~
206-44-0	Fluoranthene	0.48	1.0	0.40	ug/l	J
86-73-7	Fluorene	1.2	1.0	0.40	ug/l	
118-74-1	Hexachlorobenzene	ND	2.0	0.45	ug/l	
87-68-3	Hexachlorobutadiene	ND	1.0	0.38	ug/l	
77-47-4	Hexachlorocyclopentadiene	ND	20	4.5	ug/l	
67-72-1	Hexachloroethane	ND	5.0	0.30	ug/l	
193-39-5	Indeno(1,2,3-cd)pyrene	ND	1.0	0.42	ug/l	
78-59-1	Isophorone	ND	2.0	0.69	ug/l	
91-57-6	2-Methylnaphthalene	ND	2.0	0.43	ug/l	
88-74-4	2-Nitroaniline	ND	5.0	0.45	ug/l	
99-09-2	3-Nitroaniline	ND	5.0	0.45	ug/l	
100-01-6	4-Nitroaniline	ND	5.0	0.45	ug/l	
91-20-3	Naphthalene	ND	1.0	0.32	ug/l	
98-95-3	Nitrobenzene	ND	2.0	0.66	ug/l	
621-64-7	N-Nitroso-di-n-propylamine	ND	2.0	0.39	ug/l	
86-30-6	N-Nitrosodiphenylamine	ND	5.0	0.61	ug/l	
85-01-8	Phenanthrene	1.3	1.0	0.34	ug/l	
129-00-0	Pyrene	ND	1.0	0.48	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
367-12-4	2-Fluorophenol	49%		10-69%
4165-62-2	Phenol-d5	31%		10-52%
118-79-6	2,4,6-Tribromophenol	93%		32-134%
4165-60-0	Nitrobenzene-d5	70%		23-116%

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:	MW-2		
Lab Sample ID:	JA12935-4	Date Sampled:	02/25/09
Matrix:	AQ - Ground Water	Date Received:	02/26/09
Method:	SW846 8270C SW846 3510C	Percent Solids:	n/a
Project:	Via Verde, 700-730 Brook Avenue, Bronx, NY		

ABN TCL List (CLP4.2 list)

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
321-60-8	2-Fluorobiphenyl	76%		28-109%
1718-51-0	Terphenyl-d14	73%		24-125%

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: R71302.D

Accutest Laboratories

Report of Analysis

Client Sample ID:	FIELD BLANK 2/25		
Lab Sample ID:	JA12935-8	Date Sampled:	02/25/09
Matrix:	AQ - Field Blank Water	Date Received:	02/26/09
Method:	SW846 8270C SW846 3510C	Percent Solids:	n/a
Project:	Via Verde, 700-730 Brook Avenue, Bronx, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	R71302.D	1	03/02/09	VN	02/27/09	OP37066	ER2651
Run #2							

	Initial Volume	Final Volume
Run #1	950 ml	1.0 ml
Run #2		

ABN TCL List (CLP4.2 list)

CAS No.	Compound	Result	RL	MDL	Units	Q
95-57-8	2-Chlorophenol	ND	5.3	1.5	ug/l	
59-50-7	4-Chloro-3-methyl phenol	ND	5.3	2.4	ug/l	
120-83-2	2,4-Dichlorophenol	ND	5.3	2.0	ug/l	
105-67-9	2,4-Dimethylphenol	ND	5.3	2.1	ug/l	
51-28-5	2,4-Dinitrophenol	ND	21	4.4	ug/l	
534-52-1	4,6-Dinitro-o-cresol	ND	21	1.2	ug/l	
95-48-7	2-Methylphenol	ND	2.1	1.4	ug/l	
	3&4-Methylphenol	ND	2.1	1.5	ug/l	
88-75-5	2-Nitrophenol	ND	5.3	2.0	ug/l	
100-02-7	4-Nitrophenol	ND	11	2.4	ug/l	
87-86-5	Pentachlorophenol	ND	11	1.3	ug/l	
108-95-2	Phenol	ND	2.1	1.4	ug/l	
95-95-4	2,4,5-Trichlorophenol	ND	5.3	2.1	ug/l	
88-06-2	2,4,6-Trichlorophenol	ND	5.3	1.7	ug/l	
83-32-9	Acenaphthene	ND	1.1	0.40	ug/l	
208-96-8	Acenaphthylene	ND	1.1	0.57	ug/l	
98-86-2	Acetophenone	ND	5.3	0.49	ug/l	
120-12-7	Anthracene	ND	1.1	0.44	ug/l	
1912-24-9	Atrazine	ND	5.3	0.65	ug/l	
100-52-7	Benzaldehyde	ND	5.3	1.7	ug/l	
56-55-3	Benzo(a)anthracene	ND	1.1	0.40	ug/l	
50-32-8	Benzo(a)pyrene	ND	1.1	0.50	ug/l	
205-99-2	Benzo(b)fluoranthene	ND	1.1	0.55	ug/l	
191-24-2	Benzo(g,h,i)perylene	ND	1.1	0.48	ug/l	
207-08-9	Benzo(k)fluoranthene	ND	1.1	0.60	ug/l	
101-55-3	4-Bromophenyl phenyl ether	ND	2.1	0.43	ug/l	
85-68-7	Butyl benzyl phthalate	ND	2.1	0.44	ug/l	
92-52-4	1,1'-Biphenyl	ND	2.1	0.58	ug/l	
91-58-7	2-Chloronaphthalene	ND	5.3	0.51	ug/l	
106-47-8	4-Chloroaniline	ND	5.3	0.35	ug/l	
86-74-8	Carbazole	ND	2.1	0.47	ug/l	
105-60-2	Caprolactam	ND	2.1	0.66	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:	FIELD BLANK 2/25		
Lab Sample ID:	JA12935-8	Date Sampled:	02/25/09
Matrix:	AQ - Field Blank Water	Date Received:	02/26/09
Method:	SW846 8270C SW846 3510C	Percent Solids:	n/a
Project:	Via Verde, 700-730 Brook Avenue, Bronx, NY		

ABN TCL List (CLP4.2 list)

CAS No.	Compound	Result	RL	MDL	Units	Q
218-01-9	Chrysene	ND	1.1	0.46	ug/l	
111-91-1	bis(2-Chloroethoxy)methane	ND	2.1	0.54	ug/l	
111-44-4	bis(2-Chloroethyl)ether	ND	2.1	0.52	ug/l	
108-60-1	bis(2-Chloroisopropyl)ether	ND	2.1	0.57	ug/l	
7005-72-3	4-Chlorophenyl phenyl ether	ND	2.1	0.48	ug/l	
121-14-2	2,4-Dinitrotoluene	ND	2.1	0.48	ug/l	
606-20-2	2,6-Dinitrotoluene	ND	2.1	0.63	ug/l	
91-94-1	3,3'-Dichlorobenzidine	ND	5.3	4.8	ug/l	
53-70-3	Dibenzo(a,h)anthracene	ND	1.1	0.47	ug/l	
132-64-9	Dibenzofuran	ND	5.3	0.51	ug/l	
84-74-2	Di-n-butyl phthalate	ND	2.1	0.53	ug/l	
117-84-0	Di-n-octyl phthalate	ND	2.1	0.52	ug/l	
84-66-2	Diethyl phthalate	ND	2.1	0.38	ug/l	
131-11-3	Dimethyl phthalate	ND	2.1	0.38	ug/l	
117-81-7	bis(2-Ethylhexyl)phthalate	~~1.3~~ ND	2.1	0.79	ug/l	~~JB~~
206-44-0	Fluoranthene	ND	1.1	0.42	ug/l	
86-73-7	Fluorene	ND	1.1	0.42	ug/l	
118-74-1	Hexachlorobenzene	ND	2.1	0.47	ug/l	
87-68-3	Hexachlorobutadiene	ND	1.1	0.39	ug/l	
77-47-4	Hexachlorocyclopentadiene	ND	21	4.8	ug/l	
67-72-1	Hexachloroethane	ND	5.3	0.32	ug/l	
193-39-5	Indeno(1,2,3-cd)pyrene	ND	1.1	0.44	ug/l	
78-59-1	Isophorone	ND	2.1	0.73	ug/l	
91-57-6	2-Methylnaphthalene	ND	2.1	0.46	ug/l	
88-74-4	2-Nitroaniline	ND	5.3	0.47	ug/l	
99-09-2	3-Nitroaniline	ND	5.3	0.47	ug/l	
100-01-6	4-Nitroaniline	ND	5.3	0.48	ug/l	
91-20-3	Naphthalene	ND	1.1	0.33	ug/l	
98-95-3	Nitrobenzene	ND	2.1	0.69	ug/l	
621-64-7	N-Nitroso-di-n-propylamine	ND	2.1	0.41	ug/l	
86-30-6	N-Nitrosodiphenylamine	ND	5.3	0.64	ug/l	
85-01-8	Phenanthrene	ND	1.1	0.35	ug/l	
129-00-0	Pyrene	ND	1.1	0.51	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
367-12-4	2-Fluorophenol	55%		10-69%
4165-62-2	Phenol-d5	35%		10-52%
118-79-6	2,4,6-Tribromophenol	80%		32-134%
4165-60-0	Nitrobenzene-d5	75%		23-116%

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:	FIELD BLANK 2/25		
Lab Sample ID:	JA12935-8	Date Sampled:	02/25/09
Matrix:	AQ - Field Blank Water	Date Received:	02/26/09
Method:	SW846 8270C SW846 3510C	Percent Solids:	n/a
Project:	Via Verde, 700-730 Brook Avenue, Bronx, NY		

ABN TCL List (CLP4.2 list)

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
321-60-8	2-Fluorobiphenyl	79%		28-109%
1718-51-0	Terphenyl-d14	83%		24-125%

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:	MW-5		
Lab Sample ID:	JA12935-1	Date Sampled:	02/25/09
Matrix:	AQ - Ground Water	Date Received:	02/26/09
		Percent Solids:	n/a
Project:	Via Verde, 700-730 Brook Avenue, Bronx, NY		

Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Aluminum	4970 J	200	ug/l	1	03/02/09	03/02/09	ND	SW846 6010B [1]	SW846 3010A [4]
Antimony	<6.0	6.0	ug/l	1	03/02/09	03/02/09	ND	SW846 6010B [1]	SW846 3010A [4]
Arsenic	<3.0 U J	3.0	ug/l	1	03/02/09	03/02/09	ND	SW846 6010B [1]	SW846 3010A [4]
Barium	<200	200	ug/l	1	03/02/09	03/02/09	ND	SW846 6010B [1]	SW846 3010A [4]
Beryllium	<1.0	1.0	ug/l	1	03/02/09	03/02/09	ND	SW846 6010B [1]	SW846 3010A [4]
Cadmium	<3.0	3.0	ug/l	1	03/02/09	03/02/09	ND	SW846 6010B [1]	SW846 3010A [4]
Calcium	103000	5000	ug/l	1	03/02/09	03/02/09	ND	SW846 6010B [1]	SW846 3010A [4]
Chromium	12.4	10	ug/l	1	03/02/09	03/02/09	ND	SW846 6010B [1]	SW846 3010A [4]
Cobalt	<50	50	ug/l	1	03/02/09	03/02/09	ND	SW846 6010B [1]	SW846 3010A [4]
Copper	68.8 J	10	ug/l	1	03/02/09	03/02/09	ND	SW846 6010B [1]	SW846 3010A [4]
Iron	9180	100	ug/l	1	03/02/09	03/02/09	ND	SW846 6010B [1]	SW846 3010A [4]
Lead	8.0	3.0	ug/l	1	03/02/09	03/03/09	JF	SW846 6010B [3]	SW846 3010A [4]
Magnesium	29800	5000	ug/l	1	03/02/09	03/02/09	ND	SW846 6010B [1]	SW846 3010A [4]
Manganese	381	15	ug/l	1	03/02/09	03/02/09	ND	SW846 6010B [1]	SW846 3010A [4]
Mercury	<0.20	0.20	ug/l	1	03/03/09	03/03/09	JW	SW846 7470A [2]	SW846 7470A [5]
Nickel	13.3	10	ug/l	1	03/02/09	03/02/09	ND	SW846 6010B [1]	SW846 3010A [4]
Potassium	<10000	10000	ug/l	1	03/02/09	03/02/09	ND	SW846 6010B [1]	SW846 3010A [4]
Selenium	<10	10	ug/l	1	03/02/09	03/02/09	ND	SW846 6010B [1]	SW846 3010A [4]
Silver	<10	10	ug/l	1	03/02/09	03/02/09	ND	SW846 6010B [1]	SW846 3010A [4]
Sodium	69800	10000	ug/l	1	03/02/09	03/02/09	ND	SW846 6010B [1]	SW846 3010A [4]
Thallium	<10	10	ug/l	1	03/02/09	03/02/09	ND	SW846 6010B [1]	SW846 3010A [4]
Vanadium	<50	50	ug/l	1	03/02/09	03/02/09	ND	SW846 6010B [1]	SW846 3010A [4]
Zinc	46.6 J	20	ug/l	1	03/02/09	03/02/09	ND	SW846 6010B [1]	SW846 3010A [4]

(1) Instrument QC Batch: MA22213
(2) Instrument QC Batch: MA22215
(3) Instrument QC Batch: MA22218
(4) Prep QC Batch: MP47374
(5) Prep QC Batch: MP47392

RL = Reporting Limit

Accutest Laboratories

Report of Analysis

Client Sample ID:	MW-5		
Lab Sample ID:	JA12935-1F	Date Sampled:	02/25/09
Matrix:	AQ - Groundwater Filtered	Date Received:	02/26/09
		Percent Solids:	n/a
Project:	Via Verde, 700-730 Brook Avenue, Bronx, NY		

Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Aluminum	<200	200	ug/l	1	03/02/09	03/02/09	ND	SW846 6010B [1]	SW846 3010A [4]
Antimony	<6.0	6.0	ug/l	1	03/02/09	03/02/09	ND	SW846 6010B [1]	SW846 3010A [4]
Arsenic	<3.0 UJ	3.0	ug/l	1	03/02/09	03/02/09	ND	SW846 6010B [1]	SW846 3010A [4]
Barium	<200	200	ug/l	1	03/02/09	03/02/09	ND	SW846 6010B [1]	SW846 3010A [4]
Beryllium	<1.0	1.0	ug/l	1	03/02/09	03/02/09	ND	SW846 6010B [1]	SW846 3010A [4]
Cadmium	<3.0	3.0	ug/l	1	03/02/09	03/02/09	ND	SW846 6010B [1]	SW846 3010A [4]
Calcium	100000	5000	ug/l	1	03/02/09	03/02/09	ND	SW846 6010B [1]	SW846 3010A [4]
Chromium	<10	10	ug/l	1	03/02/09	03/02/09	ND	SW846 6010B [1]	SW846 3010A [4]
Cobalt	<50	50	ug/l	1	03/02/09	03/02/09	ND	SW846 6010B [1]	SW846 3010A [4]
Copper	<10	10	ug/l	1	03/02/09	03/02/09	ND	SW846 6010B [1]	SW846 3010A [4]
Iron	120	100	ug/l	1	03/02/09	03/02/09	ND	SW846 6010B [1]	SW846 3010A [4]
Lead	<3.0	3.0	ug/l	1	03/02/09	03/03/09	JF	SW846 6010B [3]	SW846 3010A [4]
Magnesium	24800	5000	ug/l	1	03/02/09	03/02/09	ND	SW846 6010B [1]	SW846 3010A [4]
Manganese	21.6	15	ug/l	1	03/02/09	03/02/09	ND	SW846 6010B [1]	SW846 3010A [4]
Mercury	<0.20	0.20	ug/l	1	03/03/09	03/03/09	JW	SW846 7470A [2]	SW846 7470A [5]
Nickel	<10	10	ug/l	1	03/02/09	03/02/09	ND	SW846 6010B [1]	SW846 3010A [4]
Potassium	<10000	10000	ug/l	1	03/02/09	03/02/09	ND	SW846 6010B [1]	SW846 3010A [4]
Selenium	<10	10	ug/l	1	03/02/09	03/02/09	ND	SW846 6010B [1]	SW846 3010A [4]
Silver	<10	10	ug/l	1	03/02/09	03/02/09	ND	SW846 6010B [1]	SW846 3010A [4]
Sodium	70800	10000	ug/l	1	03/02/09	03/02/09	ND	SW846 6010B [1]	SW846 3010A [4]
Thallium	<10	10	ug/l	1	03/02/09	03/02/09	ND	SW846 6010B [1]	SW846 3010A [4]
Vanadium	<50	50	ug/l	1	03/02/09	03/02/09	ND	SW846 6010B [1]	SW846 3010A [4]
Zinc	<20	20	ug/l	1	03/02/09	03/02/09	ND	SW846 6010B [1]	SW846 3010A [4]

(1) Instrument QC Batch: MA22213
(2) Instrument QC Batch: MA22215
(3) Instrument QC Batch: MA22218
(4) Prep QC Batch: MP47374
(5) Prep QC Batch: MP47393

RL = Reporting Limit

Accutest Laboratories

Report of Analysis

Client Sample ID:	MW-4		
Lab Sample ID:	JA12935-2	Date Sampled:	02/25/09
Matrix:	AQ - Ground Water	Date Received:	02/26/09
		Percent Solids:	n/a
Project:	Via Verde, 700-730 Brook Avenue, Bronx, NY		

Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Aluminum	5370 J	200	ug/l	1	03/02/09	03/02/09	ND	SW846 6010B [1]	SW846 3010A [4]
Antimony	<6.0	6.0	ug/l	1	03/02/09	03/02/09	ND	SW846 6010B [1]	SW846 3010A [4]
Arsenic	<3.0 UJ	3.0	ug/l	1	03/02/09	03/02/09	ND	SW846 6010B [1]	SW846 3010A [4]
Barium	<200	200	ug/l	1	03/02/09	03/02/09	ND	SW846 6010B [1]	SW846 3010A [4]
Beryllium	<1.0	1.0	ug/l	1	03/02/09	03/02/09	ND	SW846 6010B [1]	SW846 3010A [4]
Cadmium	<3.0	3.0	ug/l	1	03/02/09	03/02/09	ND	SW846 6010B [1]	SW846 3010A [4]
Calcium	65200	5000	ug/l	1	03/02/09	03/02/09	ND	SW846 6010B [1]	SW846 3010A [4]
Chromium	10.8	10	ug/l	1	03/02/09	03/02/09	ND	SW846 6010B [1]	SW846 3010A [4]
Cobalt	<50	50	ug/l	1	03/02/09	03/02/09	ND	SW846 6010B [1]	SW846 3010A [4]
Copper	70.9 J	10	ug/l	1	03/02/09	03/02/09	ND	SW846 6010B [1]	SW846 3010A [4]
Iron	9220	100	ug/l	1	03/02/09	03/02/09	ND	SW846 6010B [1]	SW846 3010A [4]
Lead	5.5	3.0	ug/l	1	03/02/09	03/03/09	JF	SW846 6010B [3]	SW846 3010A [4]
Magnesium	22300	5000	ug/l	1	03/02/09	03/02/09	ND	SW846 6010B [1]	SW846 3010A [4]
Manganese	748	15	ug/l	1	03/02/09	03/02/09	ND	SW846 6010B [1]	SW846 3010A [4]
Mercury	<0.20	0.20	ug/l	1	03/03/09	03/03/09	JW	SW846 7470A [2]	SW846 7470A [5]
Nickel	14.9	10	ug/l	1	03/02/09	03/02/09	ND	SW846 6010B [1]	SW846 3010A [4]
Potassium	<10000	10000	ug/l	1	03/02/09	03/02/09	ND	SW846 6010B [1]	SW846 3010A [4]
Selenium	<10	10	ug/l	1	03/02/09	03/02/09	ND	SW846 6010B [1]	SW846 3010A [4]
Silver	<10	10	ug/l	1	03/02/09	03/02/09	ND	SW846 6010B [1]	SW846 3010A [4]
Sodium	27500	10000	ug/l	1	03/02/09	03/02/09	ND	SW846 6010B [1]	SW846 3010A [4]
Thallium	<10	10	ug/l	1	03/02/09	03/02/09	ND	SW846 6010B [1]	SW846 3010A [4]
Vanadium	<50	50	ug/l	1	03/02/09	03/02/09	ND	SW846 6010B [1]	SW846 3010A [4]
Zinc	40.4 J	20	ug/l	1	03/02/09	03/02/09	ND	SW846 6010B [1]	SW846 3010A [4]

(1) Instrument QC Batch: MA22213
(2) Instrument QC Batch: MA22215
(3) Instrument QC Batch: MA22218
(4) Prep QC Batch: MP47374
(5) Prep QC Batch: MP47392

RL = Reporting Limit

Accutest Laboratories

Report of Analysis

Client Sample ID:	MW-4		
Lab Sample ID:	JA12935-2F	Date Sampled:	02/25/09
Matrix:	AQ - Groundwater Filtered	Date Received:	02/26/09
		Percent Solids:	n/a
Project:	Via Verde, 700-730 Brook Avenue, Bronx, NY		

Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Aluminum	2250	200	ug/l	1	03/02/09	03/02/09	ND	SW846 6010B [1]	SW846 3010A [4]
Antimony	< 6.0	6.0	ug/l	1	03/02/09	03/02/09	ND	SW846 6010B [1]	SW846 3010A [4]
Arsenic	< 3.0 UJ	3.0	ug/l	1	03/02/09	03/02/09	ND	SW846 6010B [1]	SW846 3010A [4]
Barium	< 200	200	ug/l	1	03/02/09	03/02/09	ND	SW846 6010B [1]	SW846 3010A [4]
Beryllium	< 1.0	1.0	ug/l	1	03/02/09	03/02/09	ND	SW846 6010B [1]	SW846 3010A [4]
Cadmium	< 3.0	3.0	ug/l	1	03/02/09	03/02/09	ND	SW846 6010B [1]	SW846 3010A [4]
Calcium	55500	5000	ug/l	1	03/02/09	03/02/09	ND	SW846 6010B [1]	SW846 3010A [4]
Chromium	< 10	10	ug/l	1	03/02/09	03/02/09	ND	SW846 6010B [1]	SW846 3010A [4]
Cobalt	< 50	50	ug/l	1	03/02/09	03/02/09	ND	SW846 6010B [1]	SW846 3010A [4]
Copper	50.7	10	ug/l	1	03/02/09	03/02/09	ND	SW846 6010B [1]	SW846 3010A [4]
Iron	3990	100	ug/l	1	03/02/09	03/02/09	ND	SW846 6010B [1]	SW846 3010A [4]
Lead	< 3.0	3.0	ug/l	1	03/02/09	03/03/09	JF	SW846 6010B [3]	SW846 3010A [4]
Magnesium	16500	5000	ug/l	1	03/02/09	03/02/09	ND	SW846 6010B [1]	SW846 3010A [4]
Manganese	314	15	ug/l	1	03/02/09	03/02/09	ND	SW846 6010B [1]	SW846 3010A [4]
Mercury	< 0.20	0.20	ug/l	1	03/03/09	03/03/09	JW	SW846 7470A [2]	SW846 7470A [5]
Nickel	< 10	10	ug/l	1	03/02/09	03/02/09	ND	SW846 6010B [1]	SW846 3010A [4]
Potassium	< 10000	10000	ug/l	1	03/02/09	03/02/09	ND	SW846 6010B [1]	SW846 3010A [4]
Selenium	< 10	10	ug/l	1	03/02/09	03/02/09	ND	SW846 6010B [1]	SW846 3010A [4]
Silver	< 10	10	ug/l	1	03/02/09	03/02/09	ND	SW846 6010B [1]	SW846 3010A [4]
Sodium	23500	10000	ug/l	1	03/02/09	03/02/09	ND	SW846 6010B [1]	SW846 3010A [4]
Thallium	< 10	10	ug/l	1	03/02/09	03/02/09	ND	SW846 6010B [1]	SW846 3010A [4]
Vanadium	< 50	50	ug/l	1	03/02/09	03/02/09	ND	SW846 6010B [1]	SW846 3010A [4]
Zinc	< 20	20	ug/l	1	03/02/09	03/02/09	ND	SW846 6010B [1]	SW846 3010A [4]

(1) Instrument QC Batch: MA22213
(2) Instrument QC Batch: MA22215
(3) Instrument QC Batch: MA22218
(4) Prep QC Batch: MP47374
(5) Prep QC Batch: MP47393

RL = Reporting Limit

Accutest Laboratories

Report of Analysis

Client Sample ID:	MW-3		
Lab Sample ID:	JA12935-3	Date Sampled:	02/25/09
Matrix:	AQ - Ground Water	Date Received:	02/26/09
		Percent Solids:	n/a
Project:	Via Verde, 700-730 Brook Avenue, Bronx, NY		

Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Aluminum	2920 J	200	ug/l	1	03/02/09	03/02/09	ND	SW846 6010B [1]	SW846 3010A [4]
Antimony	<6.0	6.0	ug/l	1	03/02/09	03/02/09	ND	SW846 6010B [1]	SW846 3010A [4]
Arsenic	<3.0 UJ	3.0	ug/l	1	03/02/09	03/02/09	ND	SW846 6010B [1]	SW846 3010A [4]
Barium	<200	200	ug/l	1	03/02/09	03/02/09	ND	SW846 6010B [1]	SW846 3010A [4]
Beryllium	<1.0	1.0	ug/l	1	03/02/09	03/02/09	ND	SW846 6010B [1]	SW846 3010A [4]
Cadmium	<3.0	3.0	ug/l	1	03/02/09	03/02/09	ND	SW846 6010B [1]	SW846 3010A [4]
Calcium	17600	5000	ug/l	1	03/02/09	03/02/09	ND	SW846 6010B [1]	SW846 3010A [4]
Chromium	<10	10	ug/l	1	03/02/09	03/02/09	ND	SW846 6010B [1]	SW846 3010A [4]
Cobalt	<50	50	ug/l	1	03/02/09	03/02/09	ND	SW846 6010B [1]	SW846 3010A [4]
Copper	46.5 J	10	ug/l	1	03/02/09	03/02/09	ND	SW846 6010B [1]	SW846 3010A [4]
Iron	5240	100	ug/l	1	03/02/09	03/02/09	ND	SW846 6010B [1]	SW846 3010A [4]
Lead	12.3	3.0	ug/l	1	03/02/09	03/03/09	JF	SW846 6010B [3]	SW846 3010A [4]
Magnesium	<5000	5000	ug/l	1	03/02/09	03/02/09	ND	SW846 6010B [1]	SW846 3010A [4]
Manganese	115	15	ug/l	1	03/02/09	03/02/09	ND	SW846 6010B [1]	SW846 3010A [4]
Mercury	<0.20	0.20	ug/l	1	03/03/09	03/03/09	JW	SW846 7470A [2]	SW846 7470A [5]
Nickel	<10	10	ug/l	1	03/02/09	03/02/09	ND	SW846 6010B [1]	SW846 3010A [4]
Potassium	<10000	10000	ug/l	1	03/02/09	03/02/09	ND	SW846 6010B [1]	SW846 3010A [4]
Selenium	<10	10	ug/l	1	03/02/09	03/02/09	ND	SW846 6010B [1]	SW846 3010A [4]
Silver	<10	10	ug/l	1	03/02/09	03/02/09	ND	SW846 6010B [1]	SW846 3010A [4]
Sodium	<10000	10000	ug/l	1	03/02/09	03/02/09	ND	SW846 6010B [1]	SW846 3010A [4]
Thallium	<10	10	ug/l	1	03/02/09	03/02/09	ND	SW846 6010B [1]	SW846 3010A [4]
Vanadium	<50	50	ug/l	1	03/02/09	03/02/09	ND	SW846 6010B [1]	SW846 3010A [4]
Zinc	<20 UJ	20	ug/l	1	03/02/09	03/02/09	ND	SW846 6010B [1]	SW846 3010A [4]

(1) Instrument QC Batch: MA22213
(2) Instrument QC Batch: MA22215
(3) Instrument QC Batch: MA22218
(4) Prep QC Batch: MP47374
(5) Prep QC Batch: MP47392

RL = Reporting Limit

Accutest Laboratories

Report of Analysis

Client Sample ID:	MW-3		
Lab Sample ID:	JA12935-3F	Date Sampled:	02/25/09
Matrix:	AQ - Groundwater Filtered	Date Received:	02/26/09
		Percent Solids:	n/a
Project:	Via Verde, 700-730 Brook Avenue, Bronx, NY		

Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Aluminum	< 200	200	ug/l	1	03/02/09	03/02/09	ND	SW846 6010B [1]	SW846 3010A [4]
Antimony	< 6.0	6.0	ug/l	1	03/02/09	03/02/09	ND	SW846 6010B [1]	SW846 3010A [4]
Arsenic	< 3.0 U J	3.0	ug/l	1	03/02/09	03/02/09	ND	SW846 6010B [1]	SW846 3010A [4]
Barium	< 200	200	ug/l	1	03/02/09	03/02/09	ND	SW846 6010B [1]	SW846 3010A [4]
Beryllium	< 1.0	1.0	ug/l	1	03/02/09	03/02/09	ND	SW846 6010B [1]	SW846 3010A [4]
Cadmium	< 3.0	3.0	ug/l	1	03/02/09	03/02/09	ND	SW846 6010B [1]	SW846 3010A [4]
Calcium	19300	5000	ug/l	1	03/02/09	03/02/09	ND	SW846 6010B [1]	SW846 3010A [4]
Chromium	< 10	10	ug/l	1	03/02/09	03/02/09	ND	SW846 6010B [1]	SW846 3010A [4]
Cobalt	< 50	50	ug/l	1	03/02/09	03/02/09	ND	SW846 6010B [1]	SW846 3010A [4]
Copper	< 10	10	ug/l	1	03/02/09	03/02/09	ND	SW846 6010B [1]	SW846 3010A [4]
Iron	< 100	100	ug/l	1	03/02/09	03/02/09	ND	SW846 6010B [1]	SW846 3010A [4]
Lead	< 3.0	3.0	ug/l	1	03/02/09	03/03/09	JF	SW846 6010B [3]	SW846 3010A [4]
Magnesium	< 5000	5000	ug/l	1	03/02/09	03/02/09	ND	SW846 6010B [1]	SW846 3010A [4]
Manganese	< 15	15	ug/l	1	03/02/09	03/02/09	ND	SW846 6010B [1]	SW846 3010A [4]
Mercury	< 0.20	0.20	ug/l	1	03/03/09	03/03/09	JW	SW846 7470A [2]	SW846 7470A [5]
Nickel	< 10	10	ug/l	1	03/02/09	03/02/09	ND	SW846 6010B [1]	SW846 3010A [4]
Potassium	< 10000	10000	ug/l	1	03/02/09	03/02/09	ND	SW846 6010B [1]	SW846 3010A [4]
Selenium	< 10	10	ug/l	1	03/02/09	03/02/09	ND	SW846 6010B [1]	SW846 3010A [4]
Silver	< 10	10	ug/l	1	03/02/09	03/02/09	ND	SW846 6010B [1]	SW846 3010A [4]
Sodium	< 10000	10000	ug/l	1	03/02/09	03/02/09	ND	SW846 6010B [1]	SW846 3010A [4]
Thallium	< 10	10	ug/l	1	03/02/09	03/02/09	ND	SW846 6010B [1]	SW846 3010A [4]
Vanadium	< 50	50	ug/l	1	03/02/09	03/02/09	ND	SW846 6010B [1]	SW846 3010A [4]
Zinc	< 20	20	ug/l	1	03/02/09	03/02/09	ND	SW846 6010B [1]	SW846 3010A [4]

(1) Instrument QC Batch: MA22213
(2) Instrument QC Batch: MA22215
(3) Instrument QC Batch: MA22218
(4) Prep QC Batch: MP47374
(5) Prep QC Batch: MP47393

RL = Reporting Limit

Accutest Laboratories

Report of Analysis

Client Sample ID:	MW-2		
Lab Sample ID:	JA12935-4	Date Sampled:	02/25/09
Matrix:	AQ - Ground Water	Date Received:	02/26/09
		Percent Solids:	n/a
Project:	Via Verde, 700-730 Brook Avenue, Bronx, NY		

Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Aluminum	651 J	200	ug/l	1	03/02/09	03/02/09	ND	SW846 6010B [1]	SW846 3010A [4]
Antimony	< 6.0	6.0	ug/l	1	03/02/09	03/02/09	ND	SW846 6010B [1]	SW846 3010A [4]
Arsenic	< 3.0 U J	3.0	ug/l	1	03/02/09	03/02/09	ND	SW846 6010B [1]	SW846 3010A [4]
Barium	< 200	200	ug/l	1	03/02/09	03/02/09	ND	SW846 6010B [1]	SW846 3010A [4]
Beryllium	< 1.0	1.0	ug/l	1	03/02/09	03/02/09	ND	SW846 6010B [1]	SW846 3010A [4]
Cadmium	< 3.0	3.0	ug/l	1	03/02/09	03/02/09	ND	SW846 6010B [1]	SW846 3010A [4]
Calcium	130000	5000	ug/l	1	03/02/09	03/02/09	ND	SW846 6010B [1]	SW846 3010A [4]
Chromium	< 10	10	ug/l	1	03/02/09	03/02/09	ND	SW846 6010B [1]	SW846 3010A [4]
Cobalt	< 50	50	ug/l	1	03/02/09	03/02/09	ND	SW846 6010B [1]	SW846 3010A [4]
Copper	< 10 U J	10	ug/l	1	03/02/09	03/02/09	ND	SW846 6010B [1]	SW846 3010A [4]
Iron	1130	100	ug/l	1	03/02/09	03/02/09	ND	SW846 6010B [1]	SW846 3010A [4]
Lead	< 3.0	3.0	ug/l	1	03/02/09	03/03/09	JF	SW846 6010B [3]	SW846 3010A [4]
Magnesium	25200	5000	ug/l	1	03/02/09	03/02/09	ND	SW846 6010B [1]	SW846 3010A [4]
Manganese	83.3	15	ug/l	1	03/02/09	03/02/09	ND	SW846 6010B [1]	SW846 3010A [4]
Mercury	< 0.20	0.20	ug/l	1	03/03/09	03/03/09	JW	SW846 7470A [2]	SW846 7470A [5]
Nickel	< 10	10	ug/l	1	03/02/09	03/02/09	ND	SW846 6010B [1]	SW846 3010A [4]
Potassium	< 10000	10000	ug/l	1	03/02/09	03/02/09	ND	SW846 6010B [1]	SW846 3010A [4]
Selenium	< 10	10	ug/l	1	03/02/09	03/02/09	ND	SW846 6010B [1]	SW846 3010A [4]
Silver	< 10	10	ug/l	1	03/02/09	03/02/09	ND	SW846 6010B [1]	SW846 3010A [4]
Sodium	38000	10000	ug/l	1	03/02/09	03/02/09	ND	SW846 6010B [1]	SW846 3010A [4]
Thallium	< 10	10	ug/l	1	03/02/09	03/02/09	ND	SW846 6010B [1]	SW846 3010A [4]
Vanadium	< 50	50	ug/l	1	03/02/09	03/02/09	ND	SW846 6010B [1]	SW846 3010A [4]
Zinc	< 20 U J	20	ug/l	1	03/02/09	03/02/09	ND	SW846 6010B [1]	SW846 3010A [4]

(1) Instrument QC Batch: MA22213
(2) Instrument QC Batch: MA22215
(3) Instrument QC Batch: MA22218
(4) Prep QC Batch: MP47374
(5) Prep QC Batch: MP47392

RL = Reporting Limit

Accutest Laboratories

Report of Analysis

Client Sample ID:	MW-2		
Lab Sample ID:	JA12935-4F	Date Sampled:	02/25/09
Matrix:	AQ - Groundwater Filtered	Date Received:	02/26/09
		Percent Solids:	n/a
Project:	Via Verde, 700-730 Brook Avenue, Bronx, NY		

Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Aluminum	< 200	200	ug/l	1	03/02/09	03/02/09	ND	SW846 6010B [1]	SW846 3010A [4]
Antimony	< 6.0	6.0	ug/l	1	03/02/09	03/02/09	ND	SW846 6010B [1]	SW846 3010A [4]
Arsenic	< 3.0 UJ	3.0	ug/l	1	03/02/09	03/02/09	ND	SW846 6010B [1]	SW846 3010A [4]
Barium	< 200	200	ug/l	1	03/02/09	03/02/09	ND	SW846 6010B [1]	SW846 3010A [4]
Beryllium	< 1.0	1.0	ug/l	1	03/02/09	03/02/09	ND	SW846 6010B [1]	SW846 3010A [4]
Cadmium	< 3.0	3.0	ug/l	1	03/02/09	03/02/09	ND	SW846 6010B [1]	SW846 3010A [4]
Calcium	130000	5000	ug/l	1	03/02/09	03/02/09	ND	SW846 6010B [1]	SW846 3010A [4]
Chromium	< 10	10	ug/l	1	03/02/09	03/02/09	ND	SW846 6010B [1]	SW846 3010A [4]
Cobalt	< 50	50	ug/l	1	03/02/09	03/02/09	ND	SW846 6010B [1]	SW846 3010A [4]
Copper	< 10	10	ug/l	1	03/02/09	03/02/09	ND	SW846 6010B [1]	SW846 3010A [4]
Iron	< 100	100	ug/l	1	03/02/09	03/02/09	ND	SW846 6010B [1]	SW846 3010A [4]
Lead	< 3.0	3.0	ug/l	1	03/02/09	03/03/09	JF	SW846 6010B [3]	SW846 3010A [4]
Magnesium	25000	5000	ug/l	1	03/02/09	03/02/09	ND	SW846 6010B [1]	SW846 3010A [4]
Manganese	59.9	15	ug/l	1	03/02/09	03/02/09	ND	SW846 6010B [1]	SW846 3010A [4]
Mercury	< 0.20	0.20	ug/l	1	03/03/09	03/03/09	JW	SW846 7470A [2]	SW846 7470A [5]
Nickel	< 10	10	ug/l	1	03/02/09	03/02/09	ND	SW846 6010B [1]	SW846 3010A [4]
Potassium	< 10000	10000	ug/l	1	03/02/09	03/02/09	ND	SW846 6010B [1]	SW846 3010A [4]
Selenium	< 10	10	ug/l	1	03/02/09	03/02/09	ND	SW846 6010B [1]	SW846 3010A [4]
Silver	< 10	10	ug/l	1	03/02/09	03/02/09	ND	SW846 6010B [1]	SW846 3010A [4]
Sodium	37300	10000	ug/l	1	03/02/09	03/02/09	ND	SW846 6010B [1]	SW846 3010A [4]
Thallium	< 10	10	ug/l	1	03/02/09	03/02/09	ND	SW846 6010B [1]	SW846 3010A [4]
Vanadium	< 50	50	ug/l	1	03/02/09	03/02/09	ND	SW846 6010B [1]	SW846 3010A [4]
Zinc	< 20	20	ug/l	1	03/02/09	03/02/09	ND	SW846 6010B [1]	SW846 3010A [4]

(1) Instrument QC Batch: MA22213
(2) Instrument QC Batch: MA22215
(3) Instrument QC Batch: MA22218
(4) Prep QC Batch: MP47374
(5) Prep QC Batch: MP47393

RL = Reporting Limit

Accutest Laboratories

Report of Analysis

Client Sample ID:	MW-1		
Lab Sample ID:	JA12935-5	Date Sampled:	02/25/09
Matrix:	AQ - Ground Water	Date Received:	02/26/09
		Percent Solids:	n/a
Project:	Via Verde, 700-730 Brook Avenue, Bronx, NY		

Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Aluminum	67900 J	200	ug/l	1	03/02/09	03/02/09	ND	SW846 6010B [1]	SW846 3010A [4]
Antimony	< 6.0	6.0	ug/l	1	03/02/09	03/02/09	ND	SW846 6010B [1]	SW846 3010A [4]
Arsenic	18.2 J	3.0	ug/l	1	03/02/09	03/03/09	JF	SW846 6010B [3]	SW846 3010A [4]
Barium	790	200	ug/l	1	03/02/09	03/02/09	ND	SW846 6010B [1]	SW846 3010A [4]
Beryllium	1.4	1.0	ug/l	1	03/02/09	03/03/09	JF	SW846 6010B [3]	SW846 3010A [4]
Cadmium	< 3.0	3.0	ug/l	1	03/02/09	03/02/09	ND	SW846 6010B [1]	SW846 3010A [4]
Calcium	188000	5000	ug/l	1	03/02/09	03/02/09	ND	SW846 6010B [1]	SW846 3010A [4]
Chromium	147	10	ug/l	1	03/02/09	03/02/09	ND	SW846 6010B [1]	SW846 3010A [4]
Cobalt	67.4	50	ug/l	1	03/02/09	03/02/09	ND	SW846 6010B [1]	SW846 3010A [4]
Copper	263 J	10	ug/l	1	03/02/09	03/02/09	ND	SW846 6010B [1]	SW846 3010A [4]
Iron	138000	100	ug/l	1	03/02/09	03/02/09	ND	SW846 6010B [1]	SW846 3010A [4]
Lead [a]	278 J	6.0	ug/l	2	03/02/09	03/03/09	JF	SW846 6010B [3]	SW846 3010A [4]
Magnesium	95400	5000	ug/l	1	03/02/09	03/02/09	ND	SW846 6010B [1]	SW846 3010A [4]
Manganese	5460	15	ug/l	1	03/02/09	03/02/09	ND	SW846 6010B [1]	SW846 3010A [4]
Mercury [b]	< 0.40	0.40	ug/l	1	03/03/09	03/03/09	JW	SW846 7470A [2]	SW846 7470A [5]
Nickel	141	10	ug/l	1	03/02/09	03/02/09	ND	SW846 6010B [1]	SW846 3010A [4]
Potassium	29300	10000	ug/l	1	03/02/09	03/02/09	ND	SW846 6010B [1]	SW846 3010A [4]
Selenium	< 10	10	ug/l	1	03/02/09	03/02/09	ND	SW846 6010B [1]	SW846 3010A [4]
Silver	< 10	10	ug/l	1	03/02/09	03/02/09	ND	SW846 6010B [1]	SW846 3010A [4]
Sodium	23400	10000	ug/l	1	03/02/09	03/02/09	ND	SW846 6010B [1]	SW846 3010A [4]
Thallium	< 10	10	ug/l	1	03/02/09	03/02/09	ND	SW846 6010B [1]	SW846 3010A [4]
Vanadium	183	50	ug/l	1	03/02/09	03/02/09	ND	SW846 6010B [1]	SW846 3010A [4]
Zinc	457 J	20	ug/l	1	03/02/09	03/02/09	ND	SW846 6010B [1]	SW846 3010A [4]

(1) Instrument QC Batch: MA22213
(2) Instrument QC Batch: MA22215
(3) Instrument QC Batch: MA22218
(4) Prep QC Batch: MP47374
(5) Prep QC Batch: MP47392

(a) Elevated detection limit due to dilution required for high interfering element.
(b) Elevated sample detection limit due to difficult sample matrix.

RL = Reporting Limit

Accutest Laboratories

Report of Analysis

Client Sample ID:	MW-1		
Lab Sample ID:	JA12935-5F	Date Sampled:	02/25/09
Matrix:	AQ - Groundwater Filtered	Date Received:	02/26/09
		Percent Solids:	n/a
Project:	Via Verde, 700-730 Brook Avenue, Bronx, NY		

Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Aluminum	<200	200	ug/l	1	03/02/09	03/02/09	ND	SW846 6010B [1]	SW846 3010A [4]
Antimony	<6.0	6.0	ug/l	1	03/02/09	03/02/09	ND	SW846 6010B [1]	SW846 3010A [4]
Arsenic	<3.0 U J	3.0	ug/l	1	03/02/09	03/02/09	ND	SW846 6010B [1]	SW846 3010A [4]
Barium	<200	200	ug/l	1	03/02/09	03/02/09	ND	SW846 6010B [1]	SW846 3010A [4]
Beryllium	<1.0	1.0	ug/l	1	03/02/09	03/02/09	ND	SW846 6010B [1]	SW846 3010A [4]
Cadmium	<3.0	3.0	ug/l	1	03/02/09	03/02/09	ND	SW846 6010B [1]	SW846 3010A [4]
Calcium	93000	5000	ug/l	1	03/02/09	03/02/09	ND	SW846 6010B [1]	SW846 3010A [4]
Chromium	<10	10	ug/l	1	03/02/09	03/02/09	ND	SW846 6010B [1]	SW846 3010A [4]
Cobalt	<50	50	ug/l	1	03/02/09	03/02/09	ND	SW846 6010B [1]	SW846 3010A [4]
Copper	<10	10	ug/l	1	03/02/09	03/02/09	ND	SW846 6010B [1]	SW846 3010A [4]
Iron	2350	100	ug/l	1	03/02/09	03/02/09	ND	SW846 6010B [1]	SW846 3010A [4]
Lead	11.8	3.0	ug/l	1	03/02/09	03/03/09	JF	SW846 6010B [3]	SW846 3010A [4]
Magnesium	20500	5000	ug/l	1	03/02/09	03/02/09	ND	SW846 6010B [1]	SW846 3010A [4]
Manganese	3030	15	ug/l	1	03/02/09	03/02/09	ND	SW846 6010B [1]	SW846 3010A [4]
Mercury	<0.20	0.20	ug/l	1	03/03/09	03/03/09	JW	SW846 7470A [2]	SW846 7470A [5]
Nickel	<10	10	ug/l	1	03/02/09	03/02/09	ND	SW846 6010B [1]	SW846 3010A [4]
Potassium	10400	10000	ug/l	1	03/02/09	03/02/09	ND	SW846 6010B [1]	SW846 3010A [4]
Selenium	<10	10	ug/l	1	03/02/09	03/02/09	ND	SW846 6010B [1]	SW846 3010A [4]
Silver	<10	10	ug/l	1	03/02/09	03/02/09	ND	SW846 6010B [1]	SW846 3010A [4]
Sodium	24800	10000	ug/l	1	03/02/09	03/02/09	ND	SW846 6010B [1]	SW846 3010A [4]
Thallium	<10	10	ug/l	1	03/02/09	03/02/09	ND	SW846 6010B [1]	SW846 3010A [4]
Vanadium	<50	50	ug/l	1	03/02/09	03/02/09	ND	SW846 6010B [1]	SW846 3010A [4]
Zinc	<20	20	ug/l	1	03/02/09	03/02/09	ND	SW846 6010B [1]	SW846 3010A [4]

(1) Instrument QC Batch: MA22213
(2) Instrument QC Batch: MA22215
(3) Instrument QC Batch: MA22218
(4) Prep QC Batch: MP47374
(5) Prep QC Batch: MP47393

RL = Reporting Limit

Accutest Laboratories

Report of Analysis

Client Sample ID:	MW-X		
Lab Sample ID:	JA12935-6	Date Sampled:	02/25/09
Matrix:	AQ - Ground Water	Date Received:	02/26/09
		Percent Solids:	n/a
Project:	Via Verde, 700-730 Brook Avenue, Bronx, NY		

Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Aluminum	40900 J	200	ug/l	1	03/02/09	03/02/09	ND	SW846 6010B [1]	SW846 3010A [4]
Antimony	<6.0	6.0	ug/l	1	03/02/09	03/02/09	ND	SW846 6010B [1]	SW846 3010A [4]
Arsenic	10.7 J	3.0	ug/l	1	03/02/09	03/02/09	ND	SW846 6010B [1]	SW846 3010A [4]
Barium	482	200	ug/l	1	03/02/09	03/02/09	ND	SW846 6010B [1]	SW846 3010A [4]
Beryllium [a]	<2.0 UJ	2.0	ug/l	2	03/02/09	03/03/09	JF	SW846 6010B [3]	SW846 3010A [4]
Cadmium	<3.0	3.0	ug/l	1	03/02/09	03/02/09	ND	SW846 6010B [1]	SW846 3010A [4]
Calcium	123000	5000	ug/l	1	03/02/09	03/02/09	ND	SW846 6010B [1]	SW846 3010A [4]
Chromium	89.4	10	ug/l	1	03/02/09	03/02/09	ND	SW846 6010B [1]	SW846 3010A [4]
Cobalt	<50	50	ug/l	1	03/02/09	03/02/09	ND	SW846 6010B [1]	SW846 3010A [4]
Copper	167 J	10	ug/l	1	03/02/09	03/02/09	ND	SW846 6010B [1]	SW846 3010A [4]
Iron	81200	100	ug/l	1	03/02/09	03/02/09	ND	SW846 6010B [1]	SW846 3010A [4]
Lead [a]	157 J	6.0	ug/l	2	03/02/09	03/03/09	JF	SW846 6010B [3]	SW846 3010A [4]
Magnesium	54600	5000	ug/l	1	03/02/09	03/02/09	ND	SW846 6010B [1]	SW846 3010A [4]
Manganese	4010	15	ug/l	1	03/02/09	03/02/09	ND	SW846 6010B [1]	SW846 3010A [4]
Mercury [b]	<0.40	0.40	ug/l	1	03/03/09	03/03/09	JW	SW846 7470A [2]	SW846 7470A [5]
Nickel	80.5	10	ug/l	1	03/02/09	03/02/09	ND	SW846 6010B [1]	SW846 3010A [4]
Potassium	21200	10000	ug/l	1	03/02/09	03/02/09	ND	SW846 6010B [1]	SW846 3010A [4]
Selenium	<10	10	ug/l	1	03/02/09	03/02/09	ND	SW846 6010B [1]	SW846 3010A [4]
Silver	<10	10	ug/l	1	03/02/09	03/02/09	ND	SW846 6010B [1]	SW846 3010A [4]
Sodium	21600	10000	ug/l	1	03/02/09	03/02/09	ND	SW846 6010B [1]	SW846 3010A [4]
Thallium	<10	10	ug/l	1	03/02/09	03/02/09	ND	SW846 6010B [1]	SW846 3010A [4]
Vanadium	109	50	ug/l	1	03/02/09	03/02/09	ND	SW846 6010B [1]	SW846 3010A [4]
Zinc	265 J	20	ug/l	1	03/02/09	03/02/09	ND	SW846 6010B [1]	SW846 3010A [4]

(1) Instrument QC Batch: MA22213
(2) Instrument QC Batch: MA22215
(3) Instrument QC Batch: MA22218
(4) Prep QC Batch: MP47374
(5) Prep QC Batch: MP47392

(a) Elevated detection limit due to dilution required for high interfering element.
(b) Elevated sample detection limit due to difficult sample matrix.

RL = Reporting Limit

Accutest Laboratories

Report of Analysis

Client Sample ID:	MW-X		
Lab Sample ID:	JA12935-6F	Date Sampled:	02/25/09
Matrix:	AQ - Groundwater Filtered	Date Received:	02/26/09
		Percent Solids:	n/a
Project:	Via Verde, 700-730 Brook Avenue, Bronx, NY		

Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Aluminum	< 200	200	ug/l	1	03/02/09	03/02/09	ND	SW846 6010B [1]	SW846 3010A [4]
Antimony	< 6.0	6.0	ug/l	1	03/02/09	03/02/09	ND	SW846 6010B [1]	SW846 3010A [4]
Arsenic	< 3.0 UJ	3.0	ug/l	1	03/02/09	03/02/09	ND	SW846 6010B [1]	SW846 3010A [4]
Barium	< 200	200	ug/l	1	03/02/09	03/02/09	ND	SW846 6010B [1]	SW846 3010A [4]
Beryllium	< 1.0	1.0	ug/l	1	03/02/09	03/02/09	ND	SW846 6010B [1]	SW846 3010A [4]
Cadmium	< 3.0	3.0	ug/l	1	03/02/09	03/02/09	ND	SW846 6010B [1]	SW846 3010A [4]
Calcium	92500	5000	ug/l	1	03/02/09	03/02/09	ND	SW846 6010B [1]	SW846 3010A [4]
Chromium	< 10	10	ug/l	1	03/02/09	03/02/09	ND	SW846 6010B [1]	SW846 3010A [4]
Cobalt	< 50	50	ug/l	1	03/02/09	03/02/09	ND	SW846 6010B [1]	SW846 3010A [4]
Copper	< 10	10	ug/l	1	03/02/09	03/02/09	ND	SW846 6010B [1]	SW846 3010A [4]
Iron	2670	100	ug/l	1	03/02/09	03/02/09	ND	SW846 6010B [1]	SW846 3010A [4]
Lead	11.7	3.0	ug/l	1	03/02/09	03/03/09	JF	SW846 6010B [3]	SW846 3010A [4]
Magnesium	20400	5000	ug/l	1	03/02/09	03/02/09	ND	SW846 6010B [1]	SW846 3010A [4]
Manganese	3110	15	ug/l	1	03/02/09	03/02/09	ND	SW846 6010B [1]	SW846 3010A [4]
Mercury	< 0.20	0.20	ug/l	1	03/03/09	03/03/09	JW	SW846 7470A [2]	SW846 7470A [5]
Nickel	< 10	10	ug/l	1	03/02/09	03/02/09	ND	SW846 6010B [1]	SW846 3010A [4]
Potassium	10400	10000	ug/l	1	03/02/09	03/02/09	ND	SW846 6010B [1]	SW846 3010A [4]
Selenium	< 10	10	ug/l	1	03/02/09	03/02/09	ND	SW846 6010B [1]	SW846 3010A [4]
Silver	< 10	10	ug/l	1	03/02/09	03/02/09	ND	SW846 6010B [1]	SW846 3010A [4]
Sodium	24600	10000	ug/l	1	03/02/09	03/02/09	ND	SW846 6010B [1]	SW846 3010A [4]
Thallium	< 10	10	ug/l	1	03/02/09	03/02/09	ND	SW846 6010B [1]	SW846 3010A [4]
Vanadium	< 50	50	ug/l	1	03/02/09	03/02/09	ND	SW846 6010B [1]	SW846 3010A [4]
Zinc	< 20	20	ug/l	1	03/02/09	03/02/09	ND	SW846 6010B [1]	SW846 3010A [4]

(1) Instrument QC Batch: MA22213
(2) Instrument QC Batch: MA22215
(3) Instrument QC Batch: MA22218
(4) Prep QC Batch: MP47374
(5) Prep QC Batch: MP47393

RL = Reporting Limit

Report of Analysis

Client Sample ID:	FIELD BLANK 2/25		
Lab Sample ID:	JA12935-8	Date Sampled:	02/25/09
Matrix:	AQ - Field Blank Water	Date Received:	02/26/09
		Percent Solids:	n/a
Project:	Via Verde, 700-730 Brook Avenue, Bronx, NY		

Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Aluminum	<200	200	ug/l	1	03/02/09	03/02/09	ND	SW846 6010B [1]	SW846 3010A [4]
Antimony	<6.0	6.0	ug/l	1	03/02/09	03/02/09	ND	SW846 6010B [1]	SW846 3010A [4]
Arsenic	<3.0 U J	3.0	ug/l	1	03/02/09	03/02/09	ND	SW846 6010B [1]	SW846 3010A [4]
Barium	<200	200	ug/l	1	03/02/09	03/02/09	ND	SW846 6010B [1]	SW846 3010A [4]
Beryllium	<1.0	1.0	ug/l	1	03/02/09	03/02/09	ND	SW846 6010B [1]	SW846 3010A [4]
Cadmium	<3.0	3.0	ug/l	1	03/02/09	03/02/09	ND	SW846 6010B [1]	SW846 3010A [4]
Calcium	<5000	5000	ug/l	1	03/02/09	03/02/09	ND	SW846 6010B [1]	SW846 3010A [4]
Chromium	<10	10	ug/l	1	03/02/09	03/02/09	ND	SW846 6010B [1]	SW846 3010A [4]
Cobalt	<50	50	ug/l	1	03/02/09	03/02/09	ND	SW846 6010B [1]	SW846 3010A [4]
Copper	<10 U J	10	ug/l	1	03/02/09	03/02/09	ND	SW846 6010B [1]	SW846 3010A [4]
Iron	<100	100	ug/l	1	03/02/09	03/02/09	ND	SW846 6010B [1]	SW846 3010A [4]
Lead	<3.0	3.0	ug/l	1	03/02/09	03/03/09	JF	SW846 6010B [3]	SW846 3010A [4]
Magnesium	<5000	5000	ug/l	1	03/02/09	03/02/09	ND	SW846 6010B [1]	SW846 3010A [4]
Manganese	<15	15	ug/l	1	03/02/09	03/02/09	ND	SW846 6010B [1]	SW846 3010A [4]
Mercury	<0.20	0.20	ug/l	1	03/03/09	03/03/09	JW	SW846 7470A [2]	SW846 7470A [5]
Nickel	<10	10	ug/l	1	03/02/09	03/02/09	ND	SW846 6010B [1]	SW846 3010A [4]
Potassium	<10000	10000	ug/l	1	03/02/09	03/02/09	ND	SW846 6010B [1]	SW846 3010A [4]
Selenium	<10	10	ug/l	1	03/02/09	03/02/09	ND	SW846 6010B [1]	SW846 3010A [4]
Silver	<10	10	ug/l	1	03/02/09	03/02/09	ND	SW846 6010B [1]	SW846 3010A [4]
Sodium	<10000	10000	ug/l	1	03/02/09	03/02/09	ND	SW846 6010B [1]	SW846 3010A [4]
Thallium	<10	10	ug/l	1	03/02/09	03/02/09	ND	SW846 6010B [1]	SW846 3010A [4]
Vanadium	<50	50	ug/l	1	03/02/09	03/02/09	ND	SW846 6010B [1]	SW846 3010A [4]
Zinc	<20 U J	20	ug/l	1	03/02/09	03/02/09	ND	SW846 6010B [1]	SW846 3010A [4]

(1) Instrument QC Batch: MA22213
(2) Instrument QC Batch: MA22215
(3) Instrument QC Batch: MA22218
(4) Prep QC Batch: MP47374
(5) Prep QC Batch: MP47392

RL = Reporting Limit

Accutest Laboratories

Report of Analysis

Client Sample ID:	FIELD BLANK 2/25		
Lab Sample ID:	JA12935-8F	Date Sampled:	02/25/09
Matrix:	AQ - Field Blank Filtered	Date Received:	02/26/09
		Percent Solids:	n/a
Project:	Via Verde, 700-730 Brook Avenue, Bronx, NY		

Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Aluminum	< 200	200	ug/l	1	03/02/09	03/02/09	ND	SW846 6010B [1]	SW846 3010A [4]
Antimony	< 6.0	6.0	ug/l	1	03/02/09	03/03/09	JF	SW846 6010B [3]	SW846 3010A [4]
Arsenic	< 3.0 UJ	3.0	ug/l	1	03/02/09	03/03/09	JF	SW846 6010B [3]	SW846 3010A [4]
Barium	< 200	200	ug/l	1	03/02/09	03/02/09	ND	SW846 6010B [1]	SW846 3010A [4]
Beryllium	< 1.0	1.0	ug/l	1	03/02/09	03/02/09	ND	SW846 6010B [1]	SW846 3010A [4]
Cadmium	< 3.0	3.0	ug/l	1	03/02/09	03/02/09	ND	SW846 6010B [1]	SW846 3010A [4]
Calcium	< 5000	5000	ug/l	1	03/02/09	03/02/09	ND	SW846 6010B [1]	SW846 3010A [4]
Chromium	< 10	10	ug/l	1	03/02/09	03/02/09	ND	SW846 6010B [1]	SW846 3010A [4]
Cobalt	< 50	50	ug/l	1	03/02/09	03/03/09	JF	SW846 6010B [3]	SW846 3010A [4]
Copper	< 10	10	ug/l	1	03/02/09	03/02/09	ND	SW846 6010B [1]	SW846 3010A [4]
Iron	< 100	100	ug/l	1	03/02/09	03/02/09	ND	SW846 6010B [1]	SW846 3010A [4]
Lead	< 3.0	3.0	ug/l	1	03/02/09	03/03/09	JF	SW846 6010B [3]	SW846 3010A [4]
Magnesium	< 5000	5000	ug/l	1	03/02/09	03/02/09	ND	SW846 6010B [1]	SW846 3010A [4]
Manganese	< 15	15	ug/l	1	03/02/09	03/02/09	ND	SW846 6010B [1]	SW846 3010A [4]
Mercury	< 0.20	0.20	ug/l	1	03/03/09	03/03/09	JW	SW846 7470A [2]	SW846 7470A [5]
Nickel	< 10	10	ug/l	1	03/02/09	03/03/09	JF	SW846 6010B [3]	SW846 3010A [4]
Potassium	< 10000	10000	ug/l	1	03/02/09	03/02/09	ND	SW846 6010B [1]	SW846 3010A [4]
Selenium	< 10	10	ug/l	1	03/02/09	03/03/09	JF	SW846 6010B [3]	SW846 3010A [4]
Silver	< 10	10	ug/l	1	03/02/09	03/02/09	ND	SW846 6010B [1]	SW846 3010A [4]
Sodium	< 10000	10000	ug/l	1	03/02/09	03/02/09	ND	SW846 6010B [1]	SW846 3010A [4]
Thallium	< 10	10	ug/l	1	03/02/09	03/03/09	JF	SW846 6010B [3]	SW846 3010A [4]
Vanadium	< 50	50	ug/l	1	03/02/09	03/02/09	ND	SW846 6010B [1]	SW846 3010A [4]
Zinc	< 20	20	ug/l	1	03/02/09	03/03/09	JF	SW846 6010B [3]	SW846 3010A [4]

(1) Instrument QC Batch: MA22213
(2) Instrument QC Batch: MA22215
(3) Instrument QC Batch: MA22218
(4) Prep QC Batch: MP47374
(5) Prep QC Batch: MP47393

RL = Reporting Limit

APPENDIX C

2815 COVERED BRIDGE ROAD, MERRICK, NEW YORK 11566
(516) 223-9761 • FAX (516) 223-0983

ACCUTEST Laboratories

CHAIN OF CUSTODY

PRX-130429 48

PAGE ___ OF ___ 1

2235 Route 130, Dayton, NJ 08810
TEL: 732-329-0200 FAX: 732-329-3499/3480
www.accutest.com

gw wtb fb

FED-EX Tracking #: | Bottle Order Control #:

Accutest Quote #: 562 2009-531 rev1 | Accutest Job #: JA12935

Client / Reporting Information

Company Name: CA Rich Inc
Street Address: 17 Dupont St.
City: Plainview State: NY Zip: 11803
Project Contact: Deborah Shapiro E-mail:
Phone #: (516)576-8844 Fax #:
Sampler(s) Name(s): Victoria Wilson/Mike Yaggi Phone #:

Project Information

Project Name: Ka Verde
Street: Brook Ave 100-130 Avenue
City: Bronx State: NY
Project #:
Client Purchase Order #:
Project Manager:

Billing Information (If different from Report to)
Company Name:
Street Address:
City: State: Zip:
Attention:

Requested Analysis (see TEST CODE sheet)

VOC 8260
SVOC 8270
Filtered Metals (TAL)
Unfiltered Metals (TAL)
PCBs
Pesticides

Matrix Codes

DW - Drinking Water
GW - Ground Water
WW - Water
SW - Surface Water
SO - Soil
SL - Sludge
SED - Sediment
OI - Oil
LIQ - Other Liquid
AIR - Air
SOL - Other Solid
WP - Wipe
FB - Field Blank
EB - Equipment Blank
RB - Rinse Blank
TB - Trip Blank

Accutest Sample #	Field ID / Point of Collection	MEOH Vial #	Collection Date	Collection Time	Sampled by	Matrix	# of bottles	HCl	NaOH	HNO3	H2SO4	NONE	DI Water	MEOH	ENCORE	LAB USE ONLY
	MW-5		2/25/09	1025	MO	L	7	3		2						806, AMEN, EX7
	MS -1F		2/25/09	1025	MW	L	7	3		2						
	MSD		2/25/09	1025	MW	L	7	3		2						
	MW-4 -2F		2/25/09	1115	MW	L	7	3		2						
	MW-3 -3F		2/25/09	1145	MW	L	7	3		2						
	MW-2 -4F		2/25/09	1230	MW	L	7	3		2						
	MW-7 -5F		2/25/09	200	MW	L	7	3		2						
	MW-X -6F		2/25/09	200	MW	L	7	3		2						
	Trip Blank -7		2/25/09			L	2									
	Field Blank 2/25 -8F		2/25/09	1040	MW	L	7	3		2						
	Temp Blank															

Turnaround Time (Business days)

- [ ] Std. 15 Business Days
- [ ] Std. 10 Business Days (by Contract only)
- [ ] 10 Day RUSH (7 day RUSH)
- [ ] 5 Day RUSH
- [ ] 3 Day EMERGENCY
- [ ] 2 Day EMERGENCY
- [ ] 1 Day EMERGENCY

Emergency & Rush TAT data available VIA Labtrk

Approved By (Accutest PM): / Date: Tony Esposito

Data Deliverable Information

- [ ] Commercial "A" (Level 1)
- [ ] Commercial "B" (Level 2)
- [ ] FULL T1 (Level 3+4)
- [ ] NJ Reduced
- [ ] Commercial "C"
- [x] NYASP Category A
- [x] NYASP Category B
- [ ] State Forms
- [ ] EDD Format
- [ ] Other

Commercial "A" = Results Only
Commercial "B" = Results + QC Summary
NJ Reduced = Results + QC Summary + Partial Raw data

Comments / Special Instructions

7-day RUSH
3 Codes 20 (WW)

TB filled 2/5/09 @ 0630 TNS 2/26/09

Sample Custody must be documented below each time samples change possession, including courier delivery.

	Relinquished by Sampler:	Date Time:	Received By:	Relinquished By:	Date Time:	Received By:
1		2/26/09 1055	1 Bill Rowe	2 Bill Rowe	2/26 1105	2 PDr
3			3	4		4
5			5	Custody Seal # 896,898	Intact / Not Intact	Preserved where applicable: On Ice ☑ Cooler Temp. 3.5 3.1 3.2

46 Rec'd Intact TNS 2/26/09

A

4.1

Premier Environmental Services

APPENDIX D

2815 COVERED BRIDGE ROAD, MERRICK, NEW YORK 11566
(516) 223-9761 • FAX (516) 223-0983

Method Blank Summary

Job Number: JA12935
Account: CARICH C. A. Rich Consultants
Project: Via Verde, 700-730 Brook Avenue, Bronx, NY

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
V2B2417-MB1	2B54481.D	1	03/02/09	MFH	n/a	n/a	V2B2417

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

JA12935-1, JA12935-2, JA12935-3, JA12935-4, JA12935-5, JA12935-6, JA12935-7, JA12935-8

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	ND	10	2.1	ug/l	
71-43-2	Benzene	ND	1.0	0.26	ug/l	
108-86-1	Bromobenzene	ND	5.0	0.18	ug/l	
74-97-5	Bromochloromethane	ND	5.0	0.24	ug/l	
75-27-4	Bromodichloromethane	ND	1.0	0.14	ug/l	
75-25-2	Bromoform	ND	4.0	0.18	ug/l	
74-83-9	Bromomethane	ND	2.0	0.32	ug/l	
78-93-3	2-Butanone (MEK)	ND	10	2.3	ug/l	
104-51-8	n-Butylbenzene	ND	5.0	0.61	ug/l	
135-98-8	sec-Butylbenzene	ND	5.0	0.27	ug/l	
98-06-6	tert-Butylbenzene	ND	5.0	0.15	ug/l	
56-23-5	Carbon tetrachloride	ND	1.0	0.18	ug/l	
108-90-7	Chlorobenzene	ND	1.0	0.19	ug/l	
75-00-3	Chloroethane	ND	1.0	0.22	ug/l	
67-66-3	Chloroform	ND	1.0	0.16	ug/l	
74-87-3	Chloromethane	ND	1.0	0.29	ug/l	
95-49-8	o-Chlorotoluene	ND	5.0	0.55	ug/l	
106-43-4	p-Chlorotoluene	ND	5.0	0.34	ug/l	
96-12-8	1,2-Dibromo-3-chloropropane	ND	10	1.3	ug/l	
124-48-1	Dibromochloromethane	ND	1.0	0.16	ug/l	
106-93-4	1,2-Dibromoethane	ND	2.0	0.18	ug/l	
95-50-1	1,2-Dichlorobenzene	ND	1.0	0.18	ug/l	
541-73-1	1,3-Dichlorobenzene	ND	1.0	0.26	ug/l	
106-46-7	1,4-Dichlorobenzene	ND	1.0	0.22	ug/l	
75-71-8	Dichlorodifluoromethane	ND	5.0	0.88	ug/l	
75-34-3	1,1-Dichloroethane	ND	1.0	0.24	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.35	ug/l	
75-35-4	1,1-Dichloroethene	ND	1.0	0.29	ug/l	
156-59-2	cis-1,2-Dichloroethene	ND	1.0	0.25	ug/l	
156-60-5	trans-1,2-Dichloroethene	ND	1.0	0.16	ug/l	
78-87-5	1,2-Dichloropropane	ND	1.0	0.18	ug/l	
142-28-9	1,3-Dichloropropane	ND	5.0	0.20	ug/l	
594-20-7	2,2-Dichloropropane	ND	5.0	0.19	ug/l	
563-58-6	1,1-Dichloropropene	ND	5.0	0.23	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND	1.0	0.18	ug/l	
10061-02-6	trans-1,3-Dichloropropene	ND	1.0	0.15	ug/l	

Method Blank Summary

Job Number: JA12935
Account: CARICH C. A. Rich Consultants
Project: Via Verde, 700-730 Brook Avenue, Bronx, NY

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
V2B2417-MB1	2B54481.D	1	03/02/09	MFH	n/a	n/a	V2B2417

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

JA12935-1, JA12935-2, JA12935-3, JA12935-4, JA12935-5, JA12935-6, JA12935-7, JA12935-8

CAS No.	Compound	Result	RL	MDL	Units	Q
100-41-4	Ethylbenzene	ND	1.0	0.27	ug/l	
87-68-3	Hexachlorobutadiene	ND	5.0	0.23	ug/l	
98-82-8	Isopropylbenzene	ND	2.0	0.19	ug/l	
99-87-6	p-Isopropyltoluene	ND	5.0	0.25	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	0.16	ug/l	
108-10-1	4-Methyl-2-pentanone(MIBK)	ND	5.0	1.3	ug/l	
74-95-3	Methylene bromide	ND	5.0	0.18	ug/l	
75-09-2	Methylene chloride	ND	2.0	0.16	ug/l	
91-20-3	Naphthalene	ND	5.0	1.2	ug/l	
103-65-1	n-Propylbenzene	ND	5.0	0.18	ug/l	
100-42-5	Styrene	ND	5.0	0.17	ug/l	
630-20-6	1,1,1,2-Tetrachloroethane	ND	5.0	0.12	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0	0.13	ug/l	
127-18-4	Tetrachloroethene	ND	1.0	0.29	ug/l	
108-88-3	Toluene	ND	1.0	0.15	ug/l	
87-61-6	1,2,3-Trichlorobenzene	ND	5.0	1.2	ug/l	
120-82-1	1,2,4-Trichlorobenzene	ND	5.0	1.3	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	0.17	ug/l	
79-01-6	Trichloroethene	ND	1.0	0.18	ug/l	
75-69-4	Trichlorofluoromethane	ND	5.0	0.25	ug/l	
96-18-4	1,2,3-Trichloropropane	ND	5.0	1.3	ug/l	
95-63-6	1,2,4-Trimethylbenzene	ND	5.0	0.22	ug/l	
108-67-8	1,3,5-Trimethylbenzene	ND	5.0	0.58	ug/l	
75-01-4	Vinyl chloride	ND	1.0	0.21	ug/l	
	m,p-Xylene	ND	1.0	0.39	ug/l	
95-47-6	o-Xylene	ND	1.0	0.39	ug/l	
1330-20-7	Xylene (total)	ND	1.0	0.39	ug/l	

CAS No.	Surrogate Recoveries		Limits
1868-53-7	Dibromofluoromethane	91%	72-120%
17060-07-0	1,2-Dichloroethane-D4	96%	59-137%
2037-26-5	Toluene-D8	92%	73-116%
460-00-4	4-Bromofluorobenzene	87%	69-126%

Blank Spike Summary

Job Number: JA12935
Account: CARICH C. A. Rich Consultants
Project: Via Verde, 700-730 Brook Avenue, Bronx, NY

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
V2B2417-BS	2B54482.D	1	03/02/09	MFH	n/a	n/a	V2B2417

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

JA12935-1, JA12935-2, JA12935-3, JA12935-4, JA12935-5, JA12935-6, JA12935-7, JA12935-8

CAS No.	Compound	Spike ug/l	BSP ug/l	BSP %	Limits
67-64-1	Acetone	50	49.5	99	47-150
71-43-2	Benzene	50	50.6	101	78-121
108-86-1	Bromobenzene	50	47.4	95	78-120
74-97-5	Bromochloromethane	50	50.7	101	78-125
75-27-4	Bromodichloromethane	50	53.4	107	77-134
75-25-2	Bromoform	50	49.2	98	52-146
74-83-9	Bromomethane	50	48.0	96	57-147
78-93-3	2-Butanone (MEK)	50	53.5	107	64-130
104-51-8	n-Butylbenzene	50	53.4	107	74-129
135-98-8	sec-Butylbenzene	50	52.2	104	74-127
98-06-6	tert-Butylbenzene	50	52.0	104	72-135
56-23-5	Carbon tetrachloride	50	59.3	119	67-157
108-90-7	Chlorobenzene	50	49.4	99	80-118
75-00-3	Chloroethane	50	51.9	104	63-147
67-66-3	Chloroform	50	52.3	105	77-128
74-87-3	Chloromethane	50	50.8	102	52-151
95-49-8	o-Chlorotoluene	50	49.9	100	74-124
106-43-4	p-Chlorotoluene	50	49.2	98	73-123
96-12-8	1,2-Dibromo-3-chloropropane	50	51.6	103	63-138
124-48-1	Dibromochloromethane	50	52.4	105	71-137
106-93-4	1,2-Dibromoethane	50	51.5	103	77-126
95-50-1	1,2-Dichlorobenzene	50	50.1	100	78-119
541-73-1	1,3-Dichlorobenzene	50	48.8	98	74-122
106-46-7	1,4-Dichlorobenzene	50	48.6	97	75-120
75-71-8	Dichlorodifluoromethane	50	58.2	116	43-172
75-34-3	1,1-Dichloroethane	50	50.5	101	74-128
107-06-2	1,2-Dichloroethane	50	54.3	109	70-149
75-35-4	1,1-Dichloroethene	50	52.5	105	72-132
156-59-2	cis-1,2-Dichloroethene	50	49.4	99	73-121
156-60-5	trans-1,2-Dichloroethene	50	49.4	99	74-127
78-87-5	1,2-Dichloropropane	50	50.1	100	77-122
142-28-9	1,3-Dichloropropane	50	51.3	103	81-120
594-20-7	2,2-Dichloropropane	50	54.6	109	47-147
563-58-6	1,1-Dichloropropene	50	54.5	109	78-129
10061-01-5	cis-1,3-Dichloropropene	50	50.6	101	77-124
10061-02-6	trans-1,3-Dichloropropene	50	51.1	102	73-132

Blank Spike Summary

Job Number: JA12935
Account: CARICH C. A. Rich Consultants
Project: Via Verde, 700-730 Brook Avenue, Bronx, NY

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
V2B2417-BS	2B54482.D	1	03/02/09	MFH	n/a	n/a	V2B2417

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

JA12935-1, JA12935-2, JA12935-3, JA12935-4, JA12935-5, JA12935-6, JA12935-7, JA12935-8

CAS No.	Compound	Spike ug/l	BSP ug/l	BSP %	Limits
100-41-4	Ethylbenzene	50	52.1	104	80-125
87-68-3	Hexachlorobutadiene	50	49.5	99	57-145
98-82-8	Isopropylbenzene	50	51.0	102	69-132
99-87-6	p-Isopropyltoluene	50	51.4	103	75-125
1634-04-4	Methyl Tert Butyl Ether	50	53.2	106	74-126
108-10-1	4-Methyl-2-pentanone(MIBK)	50	50.3	101	62-141
74-95-3	Methylene bromide	50	51.0	102	81-126
75-09-2	Methylene chloride	50	50.4	101	71-125
91-20-3	Naphthalene	50	48.3	97	37-151
103-65-1	n-Propylbenzene	50	50.0	100	76-128
100-42-5	Styrene	50	52.4	105	79-126
630-20-6	1,1,1,2-Tetrachloroethane	50	52.6	105	77-132
79-34-5	1,1,2,2-Tetrachloroethane	50	49.6	99	72-122
127-18-4	Tetrachloroethene	50	53.5	107	69-138
108-88-3	Toluene	50	51.5	103	78-125
87-61-6	1,2,3-Trichlorobenzene	50	45.5	91	62-134
120-82-1	1,2,4-Trichlorobenzene	50	46.4	93	70-129
71-55-6	1,1,1-Trichloroethane	50	57.6	115	73-145
79-00-5	1,1,2-Trichloroethane	50	50.6	101	77-122
79-01-6	Trichloroethene	50	53.1	106	81-125
75-69-4	Trichlorofluoromethane	50	54.3	109	69-157
96-18-4	1,2,3-Trichloropropane	50	49.8	100	67-118
95-63-6	1,2,4-Trimethylbenzene	50	51.2	102	77-125
108-67-8	1,3,5-Trimethylbenzene	50	51.2	102	77-127
75-01-4	Vinyl chloride	50	53.2	106	59-146
	m,p-Xylene	100	102	102	79-123
95-47-6	o-Xylene	50	51.2	102	80-122
1330-20-7	Xylene (total)	150	153	102	80-122

CAS No.	Surrogate Recoveries	BSP	Limits
1868-53-7	Dibromofluoromethane	93%	72-120%
17060-07-0	1,2-Dichloroethane-D4	96%	59-137%
2037-26-5	Toluene-D8	94%	73-116%
460-00-4	4-Bromofluorobenzene	85%	69-126%

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: JA12935
Account: CARICH C. A. Rich Consultants
Project: Via Verde, 700-730 Brook Avenue, Bronx, NY

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
JA12935-1MS	2B54495.D	1	03/02/09	MFH	n/a	n/a	V2B2417
JA12935-1MSD	2B54496.D	1	03/02/09	MFH	n/a	n/a	V2B2417
JA12935-1	2B54488.D	1	03/02/09	MFH	n/a	n/a	V2B2417

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

JA12935-1, JA12935-2, JA12935-3, JA12935-4, JA12935-5, JA12935-6, JA12935-7, JA12935-8

CAS No.	Compound	JA12935-1 ug/l	Q	Spike ug/l	MS ug/l	MS %	MSD ug/l	MSD %	RPD	Limits Rec/RPD
67-64-1	Acetone	ND		50	44.1	88	47.0	94	6	40-156/23
71-43-2	Benzene	ND		50	42.5	85	41.8	84	2	43-144/15
108-86-1	Bromobenzene	ND		50	40.7	81	40.6	81	0	69-129/17
74-97-5	Bromochloromethane	ND		50	43.1	86	42.6	85	1	70-131/17
75-27-4	Bromodichloromethane	ND		50	43.1	86	42.9	86	0	69-142/17
75-25-2	Bromoform	ND		50	39.6	79	40.8	82	3	46-147/19
74-83-9	Bromomethane	ND		50	39.5	79	38.7	77	2	53-149/21
78-93-3	2-Butanone (MEK)	ND		50	47.3	95	50.7	101	7	57-139/18
104-51-8	n-Butylbenzene	ND		50	44.2	88	44.0	88	0	50-159/18
135-98-8	sec-Butylbenzene	ND		50	43.6	87	42.9	86	2	55-144/18
98-06-6	tert-Butylbenzene	ND		50	43.0	86	42.5	85	1	52-152/19
56-23-5	Carbon tetrachloride	ND		50	45.8	92	44.4	89	3	50-169/21
108-90-7	Chlorobenzene	ND		50	42.0	84	41.6	83	1	69-128/16
75-00-3	Chloroethane	ND		50	45.2	90	45.3	91	0	52-150/22
67-66-3	Chloroform	1.1		50	43.6	85	42.9	84	2	66-138/18
74-87-3	Chloromethane	ND		50	42.8	86	41.7	83	3	43-148/24
95-49-8	o-Chlorotoluene	ND		50	41.9	84	41.5	83	1	62-140/18
106-43-4	p-Chlorotoluene	ND		50	41.7	83	41.4	83	1	62-135/18
96-12-8	1,2-Dibromo-3-chloropropane	ND		50	44.7	89	47.3	95	6	56-150/19
124-48-1	Dibromochloromethane	ND		50	42.2	84	42.8	86	1	63-141/17
106-93-4	1,2-Dibromoethane	ND		50	44.5	89	45.6	91	2	69-132/15
95-50-1	1,2-Dichlorobenzene	ND		50	42.4	85	43.5	87	3	69-127/16
541-73-1	1,3-Dichlorobenzene	ND		50	41.3	83	41.4	83	0	67-129/16
106-46-7	1,4-Dichlorobenzene	ND		50	40.9	82	41.2	82	1	67-127/17
75-71-8	Dichlorodifluoromethane	ND		50	44.7	89	42.9	86	4	29-173/26
75-34-3	1,1-Dichloroethane	ND		50	42.1	84	41.0	82	3	62-137/19
107-06-2	1,2-Dichloroethane	ND		50	44.2	88	44.4	89	0	61-155/17
75-35-4	1,1-Dichloroethene	ND		50	43.5	87	41.2	82	5	51-145/20
156-59-2	cis-1,2-Dichloroethene	ND		50	41.7	83	40.7	81	2	61-134/17
156-60-5	trans-1,2-Dichloroethene	ND		50	40.8	82	39.0	78	5	59-134/19
78-87-5	1,2-Dichloropropane	ND		50	43.1	86	42.8	86	1	68-131/17
142-28-9	1,3-Dichloropropane	ND		50	44.1	88	45.1	90	2	74-128/16
594-20-7	2,2-Dichloropropane	ND		50	43.8	88	41.7	83	5	36-157/21
563-58-6	1,1-Dichloropropene	ND		50	44.2	88	42.8	86	3	58-147/20
10061-01-5	cis-1,3-Dichloropropene	ND		50	42.6	85	42.4	85	0	67-134/18
10061-02-6	trans-1,3-Dichloropropene	ND		50	42.2	84	42.4	85	0	64-141/18

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: JA12935
Account: CARICH C. A. Rich Consultants
Project: Via Verde, 700-730 Brook Avenue, Bronx, NY

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
JA12935-1MS	2B54495.D	1	03/02/09	MFH	n/a	n/a	V2B2417
JA12935-1MSD	2B54496.D	1	03/02/09	MFH	n/a	n/a	V2B2417
JA12935-1	2B54488.D	1	03/02/09	MFH	n/a	n/a	V2B2417

5.3

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

JA12935-1, JA12935-2, JA12935-3, JA12935-4, JA12935-5, JA12935-6, JA12935-7, JA12935-8

CAS No.	Compound	JA12935-1 ug/l	Q	Spike ug/l	MS ug/l	MS %	MSD ug/l	MSD %	RPD	Limits Rec/RPD
100-41-4	Ethylbenzene	ND		50	43.6	87	42.6	85	2	41-149/16
87-68-3	Hexachlorobutadiene	ND		50	38.5	77	39.3	79	2	43-153/21
98-82-8	Isopropylbenzene	ND		50	43.2	86	42.6	85	1	56-143/17
99-87-6	p-Isopropyltoluene	ND		50	43.2	86	42.7	85	1	57-143/18
1634-04-4	Methyl Tert Butyl Ether	ND		50	45.5	91	46.0	92	1	50-141/15
108-10-1	4-Methyl-2-pentanone(MIBK)	ND		50	45.6	91	48.4	97	6	55-148/18
74-95-3	Methylene bromide	ND		50	43.3	87	44.3	89	2	73-135/17
75-09-2	Methylene chloride	ND		50	42.8	86	42.4	85	1	63-130/17
91-20-3	Naphthalene	ND		50	41.7	83	44.4	89	6	36-158/18
103-65-1	n-Propylbenzene	ND		50	42.4	85	41.7	83	2	52-149/17
100-42-5	Styrene	ND		50	43.7	87	43.1	86	1	59-142/17
630-20-6	1,1,1,2-Tetrachloroethane	ND		50	43.8	88	43.7	87	0	69-142/17
79-34-5	1,1,2,2-Tetrachloroethane	ND		50	44.1	88	46.8	94	6	65-129/17
127-18-4	Tetrachloroethene	ND		50	45.1	90	43.9	88	3	49-151/18
108-88-3	Toluene	ND		50	43.1	86	42.2	84	2	43-148/16
87-61-6	1,2,3-Trichlorobenzene	ND		50	37.5	75	39.8	80	6	54-143/19
120-82-1	1,2,4-Trichlorobenzene	ND		50	37.8	76	39.1	78	3	60-138/19
71-55-6	1,1,1-Trichloroethane	ND		50	45.6	91	44.0	88	4	56-158/20
79-00-5	1,1,2-Trichloroethane	ND		50	43.5	87	43.8	88	1	72-131/17
79-01-6	Trichloroethene	ND		50	44.1	88	42.8	86	3	56-145/17
75-69-4	Trichlorofluoromethane	ND		50	42.9	86	40.7	81	5	48-167/24
96-18-4	1,2,3-Trichloropropane	ND		50	43.5	87	45.5	91	4	67-134/17
95-63-6	1,2,4-Trimethylbenzene	ND		50	42.8	86	42.6	85	0	36-155/16
108-67-8	1,3,5-Trimethylbenzene	ND		50	42.7	85	42.2	84	1	47-151/17
75-01-4	Vinyl chloride	ND		50	45.0	90	43.1	86	4	43-151/23
	m,p-Xylene	ND		100	85.6	86	84.4	84	1	36-151/16
95-47-6	o-Xylene	ND		50	43.2	86	42.4	85	2	49-144/16
1330-20-7	Xylene (total)	ND		150	129	86	127	85	2	40-149/16

CAS No.	Surrogate Recoveries	MS	MSD	JA12935-1	Limits
1868-53-7	Dibromofluoromethane	92%	91%	92%	72-120%
17060-07-0	1,2-Dichloroethane-D4	91%	91%	95%	59-137%
2037-26-5	Toluene-D8	94%	94%	92%	73-116%
460-00-4	4-Bromofluorobenzene	86%	86%	87%	69-126%

Instrument Performance Check (BFB)

Job Number: JA12935
Account: CARICH C. A. Rich Consultants
Project: Via Verde, 700-730 Brook Avenue, Bronx, NY

Sample:	V2B2401-BFB	Injection Date:	02/20/09
Lab File ID:	2B54117.D	Injection Time:	10:08
Instrument ID:	GCMS2B		

m/e	Ion Abundance Criteria	Raw Abundance	% Relative Abundance		Pass/Fail
50	15.0 - 40.0% of mass 95	14945	15.8		Pass
75	30.0 - 60.0% of mass 95	41802	44.2		Pass
95	Base peak, 100% relative abundance	94562	100.0		Pass
96	5.0 - 9.0% of mass 95	6353	6.7		Pass
173	Less than 2.0% of mass 174	549	0.58	(0.62) [a]	Pass
174	50.0 - 150.0% of mass 95	88869	94.0		Pass
175	5.0 - 9.0% of mass 174	6434	6.8	(7.2) [a]	Pass
176	95.0 - 101.0% of mass 174	86762	91.8	(97.6) [a]	Pass
177	5.0 - 9.0% of mass 176	5541	5.9	(6.4) [b]	Pass

(a) Value is % of mass 174
(b) Value is % of mass 176

This check applies to the following Samples, MS, MSD, Blanks, and Standards:

Lab Sample ID	Lab File ID	Date Analyzed	Time Analyzed	Hours Lapsed	Client Sample ID
V2B2401-IC2401	2B54119.D	02/20/09	11:07	00:59	Initial cal 100
V2B2401-ICC2401	2B54120.D	02/20/09	11:38	01:30	Initial cal 50
V2B2401-IC2401	2B54121.D	02/20/09	12:09	02:01	Initial cal 20
V2B2401-IC2401	2B54122.D	02/20/09	12:41	02:33	Initial cal 10
V2B2401-IC2401	2B54123.D	02/20/09	13:12	03:04	Initial cal 5
V2B2401-IC2401	2B54124.D	02/20/09	13:43	03:35	Initial cal 2
V2B2401-IC2401	2B54125.D	02/20/09	14:14	04:06	Initial cal 1
V2B2401-IC2401	2B54126.D	02/20/09	14:45	04:37	Initial cal 0.5
V2B2401-IC2401	2B54127.D	02/20/09	15:16	05:08	Initial cal 200
V2B2401-ICV2401	2B54128.D	02/20/09	15:47	05:39	Initial cal verification 50
V2B2402-BS	2B54132.D	02/20/09	18:41	08:33	Blank Spike

Instrument Performance Check (BFB)

Job Number: JA12935
Account: CARICH C. A. Rich Consultants
Project: Via Verde, 700-730 Brook Avenue, Bronx, NY

Sample:	V2B2417-BFB	Injection Date:	03/02/09
Lab File ID:	2B54479.D	Injection Time:	09:08
Instrument ID:	GCMS2B		

m/e	Ion Abundance Criteria	Raw Abundance	% Relative Abundance		Pass/Fail
50	15.0 - 40.0% of mass 95	259562	16.2		Pass
75	30.0 - 60.0% of mass 95	739456	46.2		Pass
95	Base peak, 100% relative abundance	1600000	100.0		Pass
96	5.0 - 9.0% of mass 95	109674	6.9		Pass
173	Less than 2.0% of mass 174	6984	0.44	(0.47) [a]	Pass
174	50.0 - 150.0% of mass 95	1473024	92.1		Pass
175	5.0 - 9.0% of mass 174	108146	6.8	(7.3) [a]	Pass
176	95.0 - 101.0% of mass 174	1419434	88.7	(96.4) [a]	Pass
177	5.0 - 9.0% of mass 176	96282	6.0	(6.8) [b]	Pass

(a) Value is % of mass 174
(b) Value is % of mass 176

This check applies to the following Samples, MS, MSD, Blanks, and Standards:

Lab Sample ID	Lab File ID	Date Analyzed	Time Analyzed	Hours Lapsed	Client Sample ID
V2B2417-CC2401	2B54480.D	03/02/09	09:36	00:28	Continuing cal 20
V2B2417-MB1	2B54481.D	03/02/09	10:07	00:59	Method Blank
V2B2417-BS	2B54482.D	03/02/09	10:38	01:30	Blank Spike
ZZZZZZ	2B54483.D	03/02/09	11:09	02:01	(unrelated sample)
ZZZZZZ	2B54484.D	03/02/09	11:40	02:32	(unrelated sample)
ZZZZZZ	2B54485.D	03/02/09	12:11	03:03	(unrelated sample)
ZZZZZZ	2B54486.D	03/02/09	12:42	03:34	(unrelated sample)
JA12935-2	2B54487.D	03/02/09	13:13	04:05	MW-4
JA12935-1	2B54488.D	03/02/09	13:44	04:36	MW-5
JA12935-3	2B54489.D	03/02/09	14:16	05:08	MW-3
JA12935-7	2B54490.D	03/02/09	14:47	05:39	TRIP BLANK
JA12935-8	2B54491.D	03/02/09	15:18	06:10	FIELD BLANK 2/25
JA12935-4	2B54492.D	03/02/09	15:49	06:41	MW-2
JA12935-5	2B54493.D	03/02/09	16:20	07:12	MW-1
JA12935-6	2B54494.D	03/02/09	16:54	07:46	MW-X
JA12935-1MS	2B54495.D	03/02/09	17:25	08:17	Matrix Spike
JA12935-1MSD	2B54496.D	03/02/09	17:56	08:48	Matrix Spike Duplicate
ZZZZZZ	2B54498.D	03/02/09	18:58	09:50	(unrelated sample)
ZZZZZZ	2B54499.D	03/02/09	19:29	10:21	(unrelated sample)
ZZZZZZ	2B54500.D	03/02/09	20:00	10:52	(unrelated sample)
ZZZZZZ	2B54501.D	03/02/09	20:31	11:23	(unrelated sample)
V2B2418-BS	2B54506.D	03/02/09	23:02	13:54	Blank Spike

Volatile Internal Standard Area Summary

Job Number: JA12935
Account: CARICH C. A. Rich Consultants
Project: Via Verde, 700-730 Brook Avenue, Bronx, NY

Check Std:	V2B2417-CC2401	Injection Date:	03/02/09
Lab File ID:	2B54480.D	Injection Time:	09:36
Instrument ID:	GCMS2B	Method:	SW846 8260B

	IS 1 AREA	RT	IS 2 AREA	RT	IS 3 AREA	RT	IS 4 AREA	RT	IS 5 AREA	RT
Check Std	171460	8.41	265701	10.82	420874	11.74	367202	14.72	215622	16.87
Upper Limit [a]	342920	8.91	531402	11.32	841748	12.24	734404	15.22	431244	17.37
Lower Limit [b]	85730	7.91	132851	10.32	210437	11.24	183601	14.22	107811	16.37

Lab Sample ID	IS 1 AREA	RT	IS 2 AREA	RT	IS 3 AREA	RT	IS 4 AREA	RT	IS 5 AREA	RT
V2B2417-MB1	158913	8.41	254426	10.83	400601	11.74	345644	14.72	196376	16.87
V2B2417-BS	166977	8.42	260964	10.83	418223	11.74	369540	14.72	216779	16.87
ZZZZZZ	188563	8.41	276904	10.82	433297	11.74	373513	14.72	212614	16.87
ZZZZZZ	183624	8.41	283686	10.83	442563	11.75	388137	14.72	227505	16.87
ZZZZZZ	169308	8.41	269129	10.83	424506	11.74	367945	14.72	212329	16.87
ZZZZZZ	175958	8.40	291912	10.83	463388	11.74	400910	14.72	225403	16.87
JA12935-2	190849	8.42	296708	10.83	466325	11.74	403284	14.72	227859	16.87
JA12935-1	181213	8.41	279715	10.82	440472	11.74	379067	14.72	217628	16.87
JA12935-3	157283	8.41	252688	10.83	398830	11.74	345326	14.72	193108	16.87
JA12935-7	164884	8.41	266207	10.83	419207	11.75	363871	14.72	206354	16.87
JA12935-8	171838	8.41	264126	10.83	418133	11.75	363907	14.72	206336	16.87
JA12935-4	152037	8.41	240209	10.83	380585	11.74	331686	14.72	190945	16.87
JA12935-5	175511	8.40	256646	10.83	404654	11.74	361339	14.72	214763	16.87
JA12935-6	198513	8.41	289348	10.83	458957	11.74	403363	14.72	229200	16.87
JA12935-1MS	205872	8.41	311673	10.82	498917	11.74	434805	14.72	250794	16.87
JA12935-1MSD	219249	8.42	317154	10.83	500092	11.74	434468	14.72	248201	16.87
ZZZZZZ	197823	8.42	318140	10.83	501277	11.74	431335	14.72	241610	16.87
ZZZZZZ	191035	8.41	297432	10.82	467499	11.74	401615	14.72	233834	16.87
ZZZZZZ	201780	8.41	318244	10.82	499713	11.74	430349	14.72	248617	16.87
ZZZZZZ	209893	8.41	318005	10.83	499979	11.75	427713	14.72	240785	16.87
V2B2418-BS	208095	8.41	318390	10.82	514706	11.74	454973	14.72	265676	16.87

IS 1 = Tert Butyl Alcohol-D9
IS 2 = Pentafluorobenzene
IS 3 = 1,4-Difluorobenzene
IS 4 = Chlorobenzene-D5
IS 5 = 1,4-Dichlorobenzene-d4

(a) Upper Limit = +100% of check standard area; Retention time +0.5 minutes.
(b) Lower Limit = -50% of check standard area; Retention time -0.5 minutes.

Volatile Surrogate Recovery Summary

Job Number: JA12935
Account: CARICH C. A. Rich Consultants
Project: Via Verde, 700-730 Brook Avenue, Bronx, NY

Method: SW846 8260B Matrix: AQ

Samples and QC shown here apply to the above method

Lab Sample ID	Lab File ID	S1	S2	S3	S4
JA12935-1	2B54488.D	92.0	95.0	92.0	87.0
JA12935-2	2B54487.D	92.0	93.0	92.0	87.0
JA12935-3	2B54489.D	94.0	97.0	92.0	88.0
JA12935-4	2B54492.D	95.0	103.0	93.0	87.0
JA12935-5	2B54493.D	94.0	103.0	92.0	85.0
JA12935-6	2B54494.D	92.0	98.0	92.0	85.0
JA12935-7	2B54490.D	92.0	99.0	92.0	87.0
JA12935-8	2B54491.D	94.0	101.0	92.0	88.0
JA12935-1MS	2B54495.D	92.0	91.0	94.0	86.0
JA12935-1MSD	2B54496.D	91.0	91.0	94.0	86.0
V2B2417-BS	2B54482.D	93.0	96.0	94.0	85.0
V2B2417-MB1	2B54481.D	91.0	96.0	92.0	87.0

Surrogate Compounds	Recovery Limits
S1 = Dibromofluoromethane	72-120%
S2 = 1,2-Dichloroethane-D4	59-137%
S3 = Toluene-D8	73-116%
S4 = 4-Bromofluorobenzene	69-126%

Raw Data: 2B54119.D 2B54120.D 2B54121.D 2B54122.D 2B54123.D 2B54124.D 2B54125.D 2B54126.D 2B54127.D

Initial Calibration Summary

Job Number: JA12935
Account: CARICH C. A. Rich Consultants
Project: Via Verde, 700-730 Brook Avenue, Bronx, NY

Sample: V2B2401-ICC2401
Lab FileID: 2B54120.D

Response Factor Report MS2B

Method : C:\MSDCHEM\1\METHODS\M2B2401.M (RTE Integrator)
Title : SW-846 Method 8260
Last Update : Fri Feb 20 15:55:30 2009
Response via : Initial Calibration

Calibration Files
1 =2B54125.D 2 =2B54124.D 100 =2B54119.D 50 =2B54120.D
20 =2B54121.D 200 =2B54127.D 5 =2B54123.D 10 =2B54122.D
0.5 =2B54126.D =

Compound	1	2	100	50	20	200	5	10	0.5	Avg	%RSD
1) I Tert Butyl Alcohol-d9	ISTD										
2) tertiary butyl alcohol	0.957	1.134	1.194	1.244	1.230	1.252	1.250	1.153		1.177	8.46
3) 1,4-dioxane	0.096	0.122	0.128	0.127	0.119	0.111	0.117			0.117	9.25
4) I pentafluorobenzene	ISTD										
5) chlorodifluoromethane	0.753	0.685	0.725	0.830	0.811	0.835	0.783	0.737	0.675	0.759	7.82
6) dichlorodifluoromethane	0.759	0.822	0.780	0.853	0.734	0.651				0.766	9.28
7) chlorotrifluoroethene										0.000#	-1.00
8) chloromethane	1.171	0.989	0.864	0.993	0.975	1.009	1.120	0.959		1.010	9.45
9) vinyl chloride	0.808	0.764	0.849	0.971	0.933	0.955	1.011	0.883		0.897	9.54
10) bromomethane	0.773	0.676	0.589	0.666	0.656	0.615	0.746	0.641		0.670	9.27
11) chloroethane	0.514	0.493	0.446	0.529	0.527	0.450	0.582	0.503	0.515	0.507	8.21
12) trichlorofluoromethane	0.877	0.962	0.920	0.993	0.930	0.834				0.919	6.24
13) ethyl ether	0.450	0.381	0.410	0.446	0.452	0.450	0.449	0.398	0.398	0.426	6.73
14) acrolein	0.081	0.077	0.110	0.112	0.109	0.088	0.104	0.093		0.097	14.24
15) 1,2-dichloro-1,2,2-trifluoroet										0.000#	-1.00
16) 1,1-dichloroethene	0.624	0.473	0.534	0.613	0.640	0.603	0.608	0.498	0.509	0.567	11.10
17) acetone	0.225	0.212	0.202	0.230	0.229	0.232	0.249	0.212		0.224	6.57
18) allyl chloride	0.470	0.400	0.432	0.491	0.507	0.492	0.476	0.416	0.387	0.452	9.80
19) acetonitrile	0.060	0.060	0.068	0.066	0.066	0.082	0.062			0.066	11.56
20) iodomethane	1.340	1.052	1.083	1.223	1.238	1.219	1.231	1.024	1.159	1.174	8.79
21) iso-butyl alcohol	0.009	0.009	0.009	0.010	0.009	0.008				0.009#	8.58
22) carbon disulfide	2.668	2.003	2.103	2.424	2.509	2.365	2.411	1.983	2.496	2.329	10.39
23) methylene chloride											

Initial Calibration Summary

Job Number: JA12935
Account: CARICH C. A. Rich Consultants
Project: Via Verde, 700-730 Brook Avenue, Bronx, NY

Sample: V2B2401-ICC2401
Lab FileID: 2B54120.D

		0.786	0.700	0.790	0.805	0.782	0.839	0.701		0.772	6.74
24)	methyl acetate											
		0.125	0.136	0.125	0.141	0.117	0.114			0.126	8.14
25)	methyl tert butyl ether											
		2.427	2.020	1.987	2.248	2.247	2.265	2.319	1.990	2.292	2.199	7.27
26)	trans-1,2-dichloroethene											
		0.821	0.653	0.646	0.723	0.758	0.729	0.744	0.641	0.850	0.730	10.23
27)	di-isopropyl ether											
		2.369	2.216	2.176	2.410	2.305	2.388	2.489	2.200	2.426	2.331	4.79
28)	2-butanone											
		0.092	0.098	0.093	0.102	0.081	0.077				0.091	10.52
29)	1,1-dichloroethane											
		1.514	1.191	1.204	1.342	1.384	1.355	1.368	1.168	1.427	1.328	8.82
30)	chloroprene											
		0.865	0.822	0.937	1.035	1.009	1.099	0.943	0.907		0.952	9.63
31)	acrylonitrile											
		0.316	0.287	0.303	0.337	0.339	0.327	0.347	0.302	0.274	0.315	7.91
32)	vinyl acetate											
		0.145	0.155	0.135	0.159	0.127	0.119				0.140	11.35
33)	ethyl tert-butyl ether											
		2.284	2.179	2.146	2.399	2.299	2.435	2.421	2.157	2.379	2.300	5.05
34)	ethyl acetate											
		0.101	0.120	0.103	0.111	0.103	0.094				0.105	8.67
35)	2,2-dichloropropane											
		1.149	0.842	0.933	1.042	1.067	1.076	1.046	0.867	0.997	1.002	10.17
36)	cis-1,2-dichloroethene											
		0.974	0.769	0.745	0.834	0.856	0.841	0.846	0.733	0.898	0.833	9.17
37)	propionitrile											
		0.120	0.105	0.120	0.132	0.131	0.131	0.135	0.115	0.107	0.122	9.30
38)	bromochloromethane											
		0.429	0.355	0.357	0.390	0.395	0.404	0.398	0.347	0.302	0.375	10.17
39)	tetrahydrofuran											
		0.313	0.255	0.260	0.291	0.292	0.285	0.302	0.256		0.282	7.88
40)	chloroform											
		1.390	1.115	1.107	1.217	1.246	1.279	1.252	1.063	1.368	1.226	9.31
41)	t-butyl formate											
		0.692	0.684	0.742	0.824	0.768	0.826	0.802	0.721	0.641	0.745	8.82
42)	dibromofluoromethane (s)											
		0.596	0.557	0.591	0.647	0.644	0.679	0.669	0.574	0.650	0.623	7.07
43)	1,2-dichloroethane-d4 (s)											
		0.715	0.681	0.667	0.729	0.716	0.783	0.775	0.654	0.789	0.723	6.99
44)	freon 113											
		0.438	0.502	0.477	0.485	0.393	0.410				0.451	9.81
45)	methacrylonitrile											
		0.511	0.416	0.453	0.486	0.476	0.513	0.493	0.414		0.470	8.31
46)	1,1,1-trichloroethane											
		1.051	0.796	0.905	1.018	1.030	1.080	1.005	0.828	0.900	0.957	10.69
47)	Cyclohexane											
		0.993	1.126	1.155	1.087	0.964	0.755				1.013	14.52
48)	tert amyl alcohol											
											0.000#	-1.00
49)	I 1,4-difluorobenzene	----------ISTD----------										
50)	tert amyl ethyl ether											
											0.000#	-1.00
51)	Di-isobutylene											
											0.000#	-1.00
52)	epichlorohydrin											
		0.041	0.048	0.051	0.048	0.052	0.053	0.045			0.048	8.29
53)	n-butyl alcohol											

5.7

Job Number: JA12935
Account: CARICH C. A. Rich Consultants
Project: Via Verde, 700-730 Brook Avenue, Bronx, NY

Sample: V2B2401-ICC2401
Lab FileID: 2B54120.D

			0.014	0.015	0.014	0.014	0.014	0.012			0.014	6.17
54)	carbon tetrachloride											
	0.535	0.396	0.501	0.560	0.571	0.582	0.533	0.447	0.419		0.505	13.59
55)	1,1-dichloropropene											
	0.610	0.461	0.551	0.608	0.633	0.622	0.579	0.497	0.535		0.566	10.49
56)	hexane											
			0.581	0.636	0.607	0.611	0.454	0.530			0.570	11.80
57)	iso-octane											
											0.000#	-1.00
58)	benzene											
	2.065	1.646	1.633	1.799	1.880	1.768	1.837	1.576	1.982		1.799	9.10
59)	tert-amyl methyl ether											
	1.477	1.366	1.319	1.461	1.409	1.402	1.512	1.352	1.580		1.431	5.86
60)	heptane											
			0.315	0.346	0.328	0.328	0.237	0.282			0.306	13.02
61)	isopropyl acetate											
	0.834	0.749	0.802	0.867	0.814	0.880	0.877	0.767	0.855		0.827	5.77
62)	1,2-dichloroethane											
	0.635	0.515	0.517	0.561	0.567	0.594	0.585	0.500	0.564		0.560	7.72
63)	trichloroethene											
	0.467	0.378	0.397	0.432	0.444	0.451	0.434	0.374	0.403		0.420	7.91
64)	2-nitropropane											
			0.264	0.318	0.347	0.329	0.347	0.348	0.302		0.322	9.56
65)	2-chloroethyl vinyl ether											
	0.276	0.271	0.284	0.316	0.300	0.291	0.321	0.287	0.283		0.292	5.84
66)	methyl methacrylate											
			0.307	0.331	0.329	0.333	0.315	0.279			0.316	6.53
67)	1,2-dichloropropane											
	0.490	0.394	0.406	0.448	0.453	0.439	0.461	0.396	0.455		0.438	7.48
68)	dibromomethane											
	0.319	0.253	0.265	0.288	0.290	0.294	0.294	0.258	0.283		0.283	7.29
69)	methylcyclohexane											
			0.684	0.770	0.732	0.733	0.555	0.645			0.686	11.37
70)	bromodichloromethane											
	0.624	0.508	0.537	0.580	0.581	0.611	0.580	0.506	0.598		0.569	7.52
71)	cis-1,3-dichloropropene											
	0.754	0.623	0.674	0.733	0.738	0.742	0.724	0.631	0.706		0.703	6.94
72)	toluene-d8 (s)											
	1.396	1.313	1.323	1.466	1.463	1.471	1.460	1.320	1.487		1.411	5.21
73)	4-methyl-2-pentanone											
			0.172	0.185	0.179	0.186	0.182	0.162			0.178	5.26
74)	toluene											
	1.132	0.911	0.947	1.048	1.072	1.052	1.042	0.897	1.039		1.016	7.78
75)	3-methyl-1-butanol											
			0.014	0.020	0.021	0.019	0.021	0.020	0.018		0.019	12.51
76)	trans-1,3-dichloropropene											
	0.692	0.577	0.615	0.673	0.669	0.683	0.670	0.584	0.657		0.646	6.68
77)	ethyl methacrylate											
	0.485	0.420	0.536	0.579	0.565	0.590	0.540	0.487	0.435		0.515	11.94
78)	1,1,2-trichloroethane											
	0.379	0.304	0.314	0.343	0.344	0.347	0.346	0.306	0.329		0.335	7.20
79)	2-hexanone											
			0.155	0.165	0.177	0.166	0.173	0.155			0.165	5.47
80)	I chlorobenzene-d5					----------ISTD----------						
81)	tetrachloroethene											
	0.434	0.338	0.376	0.405	0.413	0.433	0.393	0.343	0.356		0.388	9.47
82)	1,3-dichloropropane											
	0.772	0.660	0.663	0.719	0.735	0.718	0.747	0.655	0.747		0.713	6.08
83)	butyl acetate											

5.7

Initial Calibration Summary

Job Number: JA12935
Account: CARICH C. A. Rich Consultants
Project: Via Verde, 700-730 Brook Avenue, Bronx, NY

Sample: V2B2401-ICC2401
Lab FileID: 2B54120.D

		0.252	0.294	0.310	0.287	0.315	0.314	0.280		0.293	7.77
84)	3,3-dimethyl-1-butanol										
		0.032	0.044	0.047	0.043	0.049	0.044	0.039		0.043	13.12
85)	dibromochloromethane										
		0.518	0.434	0.492	0.526	0.521	0.552	0.507	0.458	0.496	0.501	7.21
86)	1,2-dibromoethane										
		0.505	0.425	0.437	0.473	0.473	0.479	0.479	0.424	0.454	0.461	6.02
87)	chlorobenzene										
		1.459	1.205	1.205	1.322	1.358	1.326	1.327	1.167	1.436	1.312	7.78
88)	1,1,1,2-tetrachloroethane										
		0.504	0.409	0.441	0.482	0.480	0.495	0.472	0.421	0.472	0.464	7.09
89)	ethylbenzene										
		2.308	1.863	1.904	2.097	2.161	2.115	2.074	1.825	2.205	2.061	7.97
90)	m,p-xylene										
		0.923	0.761	0.769	0.847	0.872	0.850	0.841	0.743	0.858	0.829	7.14
91)	o-xylene										
		0.918	0.767	0.783	0.851	0.875	0.855	0.845	0.746	0.865	0.834	6.74
92)	styrene										
		1.360	1.154	1.305	1.419	1.431	1.431	1.352	1.218	1.247	1.324	7.58
93)	bromoform										
		0.363	0.309	0.384	0.411	0.391	0.434	0.377	0.342	0.365	0.375	9.76
94)	I 1,4-dichlorobenzene-d ----------ISTD----------											
95)	isopropylbenzene											
		3.426	2.722	2.931	3.239	3.366	3.293	3.076	2.787	2.952	3.088	8.29
96)	4-bromofluorobenzene (s)											
		1.057	1.046	0.989	1.096	1.090	1.111	1.111	1.004	1.280	1.087	7.79
97)	cyclohexanone											
		0.043	0.029	0.024	0.041	0.030	0.045	0.036	0.033		0.035	21.01
	----- Quadratic regression ----- Coefficient = 0.9831											
	Response Ratio = 0.03527 + 0.01403 *A + 0.00074 *A^2											
98)	bromobenzene											
		1.192	0.961	0.997	1.087	1.109	1.134	1.095	0.961	1.153	1.077	7.82
99)	1,1,2,2-tetrachloroethane											
		1.153	0.945	0.987	1.096	1.109	1.061	1.116	0.975	1.095	1.060	6.88
100)	trans-1,4-dichloro-2-butene											
		0.262	0.284	0.271	0.299	0.259	0.235				0.268	8.21
101)	1,2,3-trichloropropane											
		0.296	0.280	0.272	0.300	0.299	0.308	0.310	0.271		0.292	5.35
102)	n-propylbenzene											
		4.629	3.677	3.930	4.394	4.558	4.380	4.125	3.822	4.096	4.179	7.95
103)	2-chlorotoluene											
		3.387	2.697	2.689	2.972	3.089	3.020	2.991	2.639	3.073	2.951	8.14
104)	4-chlorotoluene											
		2.999	2.477	2.464	2.719	2.823	2.763	2.703	2.431	3.001	2.709	8.00
105)	1,3,5-trimethylbenzene											
		3.355	2.683	2.838	3.139	3.200	3.195	2.947	2.711	3.061	3.014	7.77
106)	tert-butylbenzene											
		1.888	1.711	1.589	1.771	1.802	1.813	1.658	1.514	1.860	1.734	7.28
107)	pentachloroethane											
		0.621	0.519	0.607	0.669	0.659	0.683	0.628	0.565	0.646	0.622	8.46
108)	1,2,4-trimethylbenzene											
		3.338	2.804	2.881	3.183	3.284	3.226	3.089	2.811	3.136	3.083	6.60
109)	sec-butylbenzene											
		4.098	3.252	3.674	4.099	4.189	4.089	3.690	3.476	3.693	3.807	8.60
110)	1,3-dichlorobenzene											
		2.233	1.882	1.854	2.033	2.080	2.071	2.037	1.799	2.241	2.025	7.72
111)	p-isopropyltoluene											
		3.591	2.911	3.170	3.542	3.595	3.579	3.234	3.032	3.350	3.334	7.83

Initial Calibration Summary

Job Number: JA12935
Account: CARICH C. A. Rich Consultants
Project: Via Verde, 700-730 Brook Avenue, Bronx, NY

Sample: V2B2401-ICC2401
Lab FileID: 2B54120.D

112)	1,4-dichlorobenzene										
		2.313	1.965	1.898	2.082	2.137	2.122	2.100	1.853	2.416	2.098	8.72
113)	1,2-dichlorobenzene										
		2.084	1.735	1.780	1.952	1.967	1.989	1.918	1.717	2.098	1.916	7.42
114)	n-butylbenzene										
		3.178	2.560	2.899	3.226	3.283	3.225	2.856	2.722	2.985	2.993	8.48
115)	1,2-dibromo-3-chloropropane										
		0.164	0.154	0.179	0.189	0.187	0.201	0.182	0.167		0.178	8.49
116)	1,2,4-trichlorobenzene										
		1.591	1.316	1.349	1.469	1.470	1.526	1.433	1.300	1.653	1.456	8.34
117)	hexachlorobutadiene										
		0.740	0.614	0.648	0.716	0.731	0.754	0.664	0.615	0.679	0.685	7.77
118)	naphthalene										
		3.395	2.882	3.088	3.384	3.395	3.377	3.329	3.005	3.422	3.253	6.28
119)	1,2,3-trichlorobenzene										
		1.444	1.217	1.220	1.336	1.343	1.370	1.309	1.196	1.493	1.325	7.75
120)	hexachloroethane										
		0.604	0.502	0.600	0.646	0.639	0.699	0.575	0.536	0.500	0.589	11.51

(#) = Out of Range ### Number of calibration levels exceeded format ###

M2B2401.M Mon Feb 23 15:22:18 2009 MS2B

5.7

Continuing Calibration Summary

Job Number: JA12935
Account: CARICH C. A. Rich Consultants
Project: Via Verde, 700-730 Brook Avenue, Bronx, NY

Sample: V2B2417-CC2401
Lab FileID: 2B54480.D

Evaluate Continuing Calibration Report

Data File : C:\MSDCHEM\1\DATA\2B54480.D Vial: 2
Acq On : 2 Mar 2009 9:36 am Operator: mohui
Sample : cc2401-20 Inst : MS2B
Misc : MS76981,V2B2417,W,,,,1 Multiplr: 1.00
MS Integration Params: rteint.p

Method : C:\MSDCHEM\1\METHODS\M2B2401.M (RTE Integrator)
Title : SW-846 Method 8260
Last Update : Wed Feb 25 09:51:25 2009
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	100	0.00	8.41
2	M	tertiary butyl alcohol	1.177	1.231	-4.6	100	0.00	8.55
3	M	1,4-dioxane	0.117	0.117	0.0	92	0.00	12.45
4	I	pentafluorobenzene	1.000	1.000	0.0	99	0.00	10.82
5	M	chlorodifluoromethane	0.759	0.892	-17.5	109	0.00	4.47
6	M	dichlorodifluoromethane	0.766	0.825	-7.7	105	0.01	4.44
7	m	chlorotrifluoroethene		----------NA----------				
8	M	chloromethane	1.010	1.069	-5.8	109	0.01	4.87
9	M	vinyl chloride	0.897	0.994	-10.8	106	0.01	5.16
10	M	bromomethane	0.670	0.660	1.5	100	0.02	5.94
11	M	chloroethane	0.507	0.542	-6.9	102	0.02	6.15
12	M	trichlorofluoromethane	0.919	1.019	-10.9	110	0.00	6.66
13	M	ethyl ether	0.426	0.420	1.4	92	0.00	7.13
14	M	acrolein	0.097	0.157	-61.9#	143	0.00	7.44
15		1,2-dichloro-1,2,2-triflu		----------NA----------				
16	M	1,1-dichloroethene	0.567	0.585	-3.2	91	0.00	7.61
17	M	acetone	0.224	0.221	1.3	96	0.00	7.71
18	M	allyl chloride	0.452	0.428	5.3	84	0.00	8.23
19	M	acetonitrile	0.066	0.065	1.5	98	0.00	8.22
20	M	iodomethane	1.174	1.105	5.9	89	-0.01	7.94
21	M	iso-butyl alcohol	0.009	0.009#	0.0	97	0.00	11.11
22	M	carbon disulfide	2.329	2.338	-0.4	92	0.00	8.07
23	M	methylene chloride	0.772	0.756	2.1	93	0.00	8.45
24	M	methyl acetate	0.126	0.129	-2.4	103	0.00	8.22
25	M	methyl tert butyl ether	2.199	2.194	0.2	97	-0.01	8.79
26	M	trans-1,2-dichloroethene	0.730	0.698	4.4	91	0.00	8.86
27	M	di-isopropyl ether	2.331	2.332	-0.0	100	0.00	9.44
28	M	2-butanone	0.091	0.088	3.3	93	0.00	10.27
29	M	1,1-dichloroethane	1.328	1.308	1.5	94	0.00	9.49
30	M	chloroprene	0.952	1.033	-8.5	102	0.00	9.59
31	M	acrylonitrile	0.315	0.304	3.5	89	0.00	8.83
32	M	vinyl acetate	0.140	0.137	2.1	101	0.00	9.48
33	M	ethyl tert-butyl ether	2.300	2.390	-3.9	103	0.00	9.95
34	M	ethyl acetate	0.105	0.111	-5.7	107	0.00	10.27
35	M	2,2-dichloropropane	1.002	1.077	-7.5	100	0.00	10.28
36	M	cis-1,2-dichloroethene	0.833	0.789	5.3	91	0.00	10.29
37	M	propionitrile	0.122	0.119	2.5	90	0.00	10.38
38	M	bromochloromethane	0.375	0.362	3.5	91	0.00	10.62
39	M	tetrahydrofuran	0.282	0.263	6.7	89	0.00	10.67
40	M	chloroform	1.226	1.220	0.5	97	0.00	10.68
41		t-butyl formate	0.745	0.790	-6.0	102	0.00	10.71

Continuing Calibration Summary

Job Number: JA12935
Account: CARICH C. A. Rich Consultants
Project: Via Verde, 700-730 Brook Avenue, Bronx, NY

Sample: V2B2417-CC2401
Lab FileID: 2B54480.D

42	S	dibromofluoromethane (s)	0.623	0.571	8.3	88	0.00	10.89
43	S	1,2-dichloroethane-d4 (s)	0.723	0.704	2.6	98	0.00	11.31
44	M	freon 113	0.451	0.480	-6.4	100	0.02	7.60
45	M	methacrylonitrile	0.470	0.425	9.6	88	0.00	10.56
46	M	1,1,1-trichloroethane	0.957	1.049	-9.6	101	0.00	10.93
47	M	Cyclohexane	1.013	1.045	-3.2	90	0.00	10.99
48		tert amyl alcohol		----------NA----------				
49	I	1,4-difluorobenzene	1.000	1.000	0.0	99	0.00	11.74
50		tert amyl ethyl ether		----------NA----------				
51	M	Di-isobutylene	0.000	0.000#	0.0	94	0.00	11.88
52	M	epichlorohydrin	0.048	0.047	2.1	96	0.00	12.96
53	M	n-butyl alcohol	0.014	0.013	7.1	91	0.00	11.88
54	M	carbon tetrachloride	0.505	0.572	-13.3	99	0.00	11.13
55	M	1,1-dichloropropene	0.566	0.595	-5.1	93	0.00	11.11
56	M	hexane	0.570	0.606	-6.3	99	0.00	9.17
57	M	iso-octane	0.000	0.000#	0.0	90	0.00	12.45
58	M	benzene	1.799	1.778	1.2	94	0.00	11.38
59	M	tert-amyl methyl ether	1.431	1.482	-3.6	104	0.00	11.40
60	M	heptane	0.306	0.324	-5.9	98	0.00	11.52
61	M	isopropyl acetate	0.827	0.811	1.9	99	0.00	11.30
62	M	1,2-dichloroethane	0.560	0.577	-3.0	101	0.00	11.40
63	M	trichloroethene	0.420	0.424	-1.0	95	0.00	12.07
64	M	2-nitropropane	0.322	0.309	4.0	93	0.00	13.14
65	M	2-chloroethyl vinyl ether	0.292	0.297	-1.7	98	0.00	12.82
66	M	methyl methacrylate	0.316	0.288	8.9	87	0.00	12.33
67	M	1,2-dichloropropane	0.438	0.417	4.8	91	0.00	12.33
68	M	dibromomethane	0.283	0.268	5.3	92	0.00	12.49
69	M	methylcyclohexane	0.686	0.722	-5.2	98	0.00	12.27
70	M	bromodichloromethane	0.569	0.561	1.4	96	0.00	12.61
71	M	cis-1,3-dichloropropene	0.703	0.669	4.8	90	0.00	13.04
72	S	toluene-d8 (s)	1.411	1.305	7.5	88	0.00	13.30
73	M	4-methyl-2-pentanone	0.178	0.160	10.1	89	0.00	13.12
74	M	toluene	1.016	1.006	1.0	93	0.00	13.37
75	M	3-methyl-1-butanol	0.019	0.018	5.3	91	0.00	13.14
76	M	trans-1,3-dichloropropene	0.646	0.616	4.6	91	0.00	13.56
77	M	ethyl methacrylate	0.515	0.495	3.9	87	0.00	13.54
78	M	1,1,2-trichloroethane	0.335	0.313	6.6	90	0.00	13.77
79	M	2-hexanone	0.165	0.154	6.7	86	0.00	13.92
80	I	chlorobenzene-d5	1.000	1.000	0.0	97	0.00	14.72
81	M	tetrachloroethene	0.388	0.392	-1.0	92	0.00	13.92
82	M	1,3-dichloropropane	0.713	0.686	3.8	91	0.00	13.94
83	M	butyl acetate	0.293	0.291	0.7	98	0.00	13.97
84		3,3-dimethyl-1-butanol	0.043	0.038	11.6	85	0.00	14.08
85	M	dibromochloromethane	0.501	0.476	5.0	89	0.00	14.19
86	M	1,2-dibromoethane	0.461	0.439	4.8	90	0.00	14.33
87	M	chlorobenzene	1.312	1.245	5.1	89	0.00	14.75
88	M	1,1,1,2-tetrachloroethane	0.464	0.457	1.5	92	0.00	14.80
89	M	ethylbenzene	2.061	2.068	-0.3	93	0.00	14.79
90	M	m,p-xylene	0.829	0.822	0.8	91	0.00	14.89
91	M	o-xylene	0.834	0.813	2.5	90	0.00	15.27
92	M	styrene	1.324	1.269	4.2	86	0.00	15.29
93	M	bromoform	0.375	0.319	14.9	79	0.00	15.55
94	I	1,4-dichlorobenzene-d4	1.000	1.000	0.0	103	0.00	16.87
95	M	isopropylbenzene	3.088	3.004	2.7	92	0.00	15.58
96	S	4-bromofluorobenzene (s)	1.087	0.916	15.7	86	0.00	15.79
97	M	cyclohexanone	0.035	0.039	-11.4	134	0.00	15.77
98	M	bromobenzene	1.077	0.942	12.5	87	0.00	15.97

5.7

Continuing Calibration Summary

Job Number: JA12935
Account: CARICH C. A. Rich Consultants
Project: Via Verde, 700-730 Brook Avenue, Bronx, NY

Sample: V2B2417-CC2401
Lab FileID: 2B54480.D

99 M	1,1,2,2-tetrachloroethane	1.060	0.954	10.0	88	0.00	15.88
100 M	trans-1,4-dichloro-2-bute	0.268	0.044	83.6#	17#	0.00	15.92
101 M	1,2,3-trichloropropane	0.292	0.273	6.5	94	0.00	15.95
102 M	n-propylbenzene	4.179	3.985	4.6	90	0.00	15.96
103 M	2-chlorotoluene	2.951	2.817	4.5	94	0.00	16.11
104 M	4-chlorotoluene	2.709	2.540	6.2	92	0.00	16.20
105 M	1,3,5-trimethylbenzene	3.014	2.905	3.6	93	0.00	16.10
106 M	tert-butylbenzene	1.734	1.703	1.8	97	0.00	16.42
107 M	pentachloroethane	0.622	0.590	5.1	92	0.00	16.52
108 M	1,2,4-trimethylbenzene	3.083	2.952	4.2	92	0.00	16.46
109 M	sec-butylbenzene	3.807	3.740	1.8	92	0.00	16.62
110 M	1,3-dichlorobenzene	2.025	1.855	8.4	92	0.00	16.81
111 M	p-isopropyltoluene	3.334	3.237	2.9	92	0.00	16.73
112 M	1,4-dichlorobenzene	2.098	1.892	9.8	91	0.00	16.89
113 M	1,2-dichlorobenzene	1.916	1.788	6.7	93	0.00	17.28
114 M	n-butylbenzene	2.993	2.956	1.2	92	0.00	17.12
115 M	1,2-dibromo-3-chloropropa	0.178	0.155	12.9	85	0.00	18.04
116 M	1,2,4-trichlorobenzene	1.456	1.184	18.7	83	0.00	18.87
117 M	hexachlorobutadiene	0.685	0.614	10.4	86	0.00	18.97
118 M	naphthalene	3.253	2.753	15.4	83	0.00	19.16
119 M	1,2,3-trichlorobenzene	1.325	1.070	19.2	82	0.00	19.40
120 M	hexachloroethane	0.589	0.539	8.5	87	0.00	17.52

(#) = Out of Range SPCC's out = 0 CCC's out = 0
2B54121.D M2B2401.M Tue Mar 03 10:49:26 2009 MS2B

Raw Data: R71299.D

Method Blank Summary

Job Number: JA12935
Account: CARICH C. A. Rich Consultants
Project: Via Verde, 700-730 Brook Avenue, Bronx, NY

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP37066-MB1	R71299.D	1	03/02/09	VN	02/27/09	OP37066	ER2651

The QC reported here applies to the following samples: Method: SW846 8270C

JA12935-1, JA12935-2, JA12935-3, JA12935-4, JA12935-5, JA12935-6, JA12935-8

7.1

7

CAS No.	Compound	Result	RL	MDL	Units	Q
95-57-8	2-Chlorophenol	ND	5.0	1.5	ug/l	
59-50-7	4-Chloro-3-methyl phenol	ND	5.0	2.3	ug/l	
120-83-2	2,4-Dichlorophenol	ND	5.0	1.9	ug/l	
105-67-9	2,4-Dimethylphenol	ND	5.0	2.0	ug/l	
51-28-5	2,4-Dinitrophenol	ND	20	4.2	ug/l	
534-52-1	4,6-Dinitro-o-cresol	ND	20	1.2	ug/l	
95-48-7	2-Methylphenol	ND	2.0	1.4	ug/l	
	3&4-Methylphenol	ND	2.0	1.5	ug/l	
88-75-5	2-Nitrophenol	ND	5.0	1.9	ug/l	
100-02-7	4-Nitrophenol	ND	10	2.3	ug/l	
87-86-5	Pentachlorophenol	ND	10	1.2	ug/l	
108-95-2	Phenol	ND	2.0	1.4	ug/l	
95-95-4	2,4,5-Trichlorophenol	ND	5.0	2.0	ug/l	
88-06-2	2,4,6-Trichlorophenol	ND	5.0	1.6	ug/l	
83-32-9	Acenaphthene	ND	1.0	0.38	ug/l	
208-96-8	Acenaphthylene	ND	1.0	0.54	ug/l	
98-86-2	Acetophenone	ND	5.0	0.47	ug/l	
120-12-7	Anthracene	ND	1.0	0.42	ug/l	
1912-24-9	Atrazine	ND	5.0	0.62	ug/l	
100-52-7	Benzaldehyde	ND	5.0	1.6	ug/l	
56-55-3	Benzo(a)anthracene	ND	1.0	0.38	ug/l	
50-32-8	Benzo(a)pyrene	ND	1.0	0.48	ug/l	
205-99-2	Benzo(b)fluoranthene	ND	1.0	0.53	ug/l	
191-24-2	Benzo(g,h,i)perylene	ND	1.0	0.46	ug/l	
207-08-9	Benzo(k)fluoranthene	ND	1.0	0.57	ug/l	
101-55-3	4-Bromophenyl phenyl ether	ND	2.0	0.41	ug/l	
85-68-7	Butyl benzyl phthalate	ND	2.0	0.42	ug/l	
92-52-4	1,1'-Biphenyl	ND	2.0	0.55	ug/l	
91-58-7	2-Chloronaphthalene	ND	5.0	0.48	ug/l	
106-47-8	4-Chloroaniline	ND	5.0	0.33	ug/l	
86-74-8	Carbazole	ND	2.0	0.45	ug/l	
105-60-2	Caprolactam	ND	2.0	0.63	ug/l	
218-01-9	Chrysene	ND	1.0	0.44	ug/l	
111-91-1	bis(2-Chloroethoxy)methane	ND	2.0	0.52	ug/l	
111-44-4	bis(2-Chloroethyl)ether	ND	2.0	0.49	ug/l	
108-60-1	bis(2-Chloroisopropyl)ether	ND	2.0	0.54	ug/l	

Method Blank Summary

Job Number: JA12935
Account: CARICH C. A. Rich Consultants
Project: Via Verde, 700-730 Brook Avenue, Bronx, NY

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP37066-MB1	R71299.D	1	03/02/09	VN	02/27/09	OP37066	ER2651

The QC reported here applies to the following samples: Method: SW846 8270C

JA12935-1, JA12935-2, JA12935-3, JA12935-4, JA12935-5, JA12935-6, JA12935-8

CAS No.	Compound	Result	RL	MDL	Units	Q
7005-72-3	4-Chlorophenyl phenyl ether	ND	2.0	0.45	ug/l	
121-14-2	2,4-Dinitrotoluene	ND	2.0	0.45	ug/l	
606-20-2	2,6-Dinitrotoluene	ND	2.0	0.60	ug/l	
91-94-1	3,3'-Dichlorobenzidine	ND	5.0	4.6	ug/l	
53-70-3	Dibenzo(a,h)anthracene	ND	1.0	0.45	ug/l	
132-64-9	Dibenzofuran	ND	5.0	0.49	ug/l	
84-74-2	Di-n-butyl phthalate	ND	2.0	0.50	ug/l	
117-84-0	Di-n-octyl phthalate	ND	2.0	0.50	ug/l	
84-66-2	Diethyl phthalate	ND	2.0	0.36	ug/l	
131-11-3	Dimethyl phthalate	ND	2.0	0.36	ug/l	
117-81-7	bis(2-Ethylhexyl)phthalate	1.2	2.0	0.75	ug/l	J
206-44-0	Fluoranthene	ND	1.0	0.40	ug/l	
86-73-7	Fluorene	ND	1.0	0.40	ug/l	
118-74-1	Hexachlorobenzene	ND	2.0	0.45	ug/l	
87-68-3	Hexachlorobutadiene	ND	1.0	0.38	ug/l	
77-47-4	Hexachlorocyclopentadiene	ND	20	4.5	ug/l	
67-72-1	Hexachloroethane	ND	5.0	0.30	ug/l	
193-39-5	Indeno(1,2,3-cd)pyrene	ND	1.0	0.42	ug/l	
78-59-1	Isophorone	ND	2.0	0.69	ug/l	
91-57-6	2-Methylnaphthalene	ND	2.0	0.43	ug/l	
88-74-4	2-Nitroaniline	ND	5.0	0.45	ug/l	
99-09-2	3-Nitroaniline	ND	5.0	0.45	ug/l	
100-01-6	4-Nitroaniline	ND	5.0	0.45	ug/l	
91-20-3	Naphthalene	ND	1.0	0.32	ug/l	
98-95-3	Nitrobenzene	ND	2.0	0.66	ug/l	
621-64-7	N-Nitroso-di-n-propylamine	ND	2.0	0.39	ug/l	
86-30-6	N-Nitrosodiphenylamine	ND	5.0	0.61	ug/l	
85-01-8	Phenanthrene	ND	1.0	0.34	ug/l	
129-00-0	Pyrene	ND	1.0	0.48	ug/l	

CAS No.	Surrogate Recoveries		Limits
367-12-4	2-Fluorophenol	42%	10-69%
4165-62-2	Phenol-d5	26%	10-52%
118-79-6	2,4,6-Tribromophenol	69%	32-134%

Method Blank Summary

Job Number: JA12935
Account: CARICH C. A. Rich Consultants
Project: Via Verde, 700-730 Brook Avenue, Bronx, NY

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP37066-MB1	R71299.D	1	03/02/09	VN	02/27/09	OP37066	ER2651

The QC reported here applies to the following samples: Method: SW846 8270C

JA12935-1, JA12935-2, JA12935-3, JA12935-4, JA12935-5, JA12935-6, JA12935-8

CAS No.	Surrogate Recoveries		Limits
4165-60-0	Nitrobenzene-d5	64%	23-116%
321-60-8	2-Fluorobiphenyl	67%	28-109%
1718-51-0	Terphenyl-d14	77%	24-125%

CAS No.	Tentatively Identified Compounds	R.T.	Est. Conc.	Units	Q
	system artifact/aldol-condensation	3.96	16	ug/l	J
	Total TIC, Semi-Volatile		0	ug/l	

Raw Data: R71295.D

Blank Spike Summary

Job Number: JA12935
Account: CARICH C. A. Rich Consultants
Project: Via Verde, 700-730 Brook Avenue, Bronx, NY

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP37066-BS1	R71295.D	1	03/02/09	VN	02/27/09	OP37066	ER2651

The QC reported here applies to the following samples: Method: SW846 8270C

JA12935-1, JA12935-2, JA12935-3, JA12935-4, JA12935-5, JA12935-6, JA12935-8

CAS No.	Compound	Spike ug/l	BSP ug/l	BSP %	Limits
95-57-8	2-Chlorophenol	50	30.3	61	45-105
59-50-7	4-Chloro-3-methyl phenol	50	34.0	68	55-116
120-83-2	2,4-Dichlorophenol	50	34.4	69	49-113
105-67-9	2,4-Dimethylphenol	50	32.3	65	44-121
51-28-5	2,4-Dinitrophenol	100	62.6	63	21-156
534-52-1	4,6-Dinitro-o-cresol	50	38.4	77	48-122
95-48-7	2-Methylphenol	50	28.5	57	40-103
	3&4-Methylphenol	50	27.1	54	36-98
88-75-5	2-Nitrophenol	50	35.5	71	46-115
100-02-7	4-Nitrophenol	50	11.7	23	11-86
87-86-5	Pentachlorophenol	50	32.3	65	37-122
108-95-2	Phenol	50	13.3	27	10-69
95-95-4	2,4,5-Trichlorophenol	50	37.0	74	54-115
88-06-2	2,4,6-Trichlorophenol	50	35.3	71	53-114
83-32-9	Acenaphthene	50	34.9	70	48-105
208-96-8	Acenaphthylene	50	31.3	63	44-99
98-86-2	Acetophenone	50	34.1	68	49-115
120-12-7	Anthracene	50	37.8	76	64-118
1912-24-9	Atrazine	50	41.6	83	53-135
100-52-7	Benzaldehyde	50	33.4	67	13-124
56-55-3	Benzo(a)anthracene	50	37.8	76	61-117
50-32-8	Benzo(a)pyrene	50	39.9	80	63-116
205-99-2	Benzo(b)fluoranthene	50	40.4	81	56-125
191-24-2	Benzo(g,h,i)perylene	50	45.0	90	58-125
207-08-9	Benzo(k)fluoranthene	50	38.8	78	59-121
101-55-3	4-Bromophenyl phenyl ether	50	39.7	79	60-114
85-68-7	Butyl benzyl phthalate	50	42.7	85	59-126
92-52-4	1,1'-Biphenyl	50	34.1	68	41-105
91-58-7	2-Chloronaphthalene	50	32.4	65	40-104
106-47-8	4-Chloroaniline	50	35.7	71	38-101
86-74-8	Carbazole	50	44.1	88	67-118
105-60-2	Caprolactam	50	10.5	21	1-58
218-01-9	Chrysene	50	39.0	78	63-115
111-91-1	bis(2-Chloroethoxy)methane	50	35.0	70	49-120
111-44-4	bis(2-Chloroethyl)ether	50	31.9	64	42-120
108-60-1	bis(2-Chloroisopropyl)ether	50	30.6	61	46-107

Blank Spike Summary

Job Number: JA12935
Account: CARICH C. A. Rich Consultants
Project: Via Verde, 700-730 Brook Avenue, Bronx, NY

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP37066-BS1	R71295.D	1	03/02/09	VN	02/27/09	OP37066	ER2651

The QC reported here applies to the following samples: Method: SW846 8270C

JA12935-1, JA12935-2, JA12935-3, JA12935-4, JA12935-5, JA12935-6, JA12935-8

CAS No.	Compound	Spike ug/l	BSP ug/l	BSP %	Limits
7005-72-3	4-Chlorophenyl phenyl ether	50	38.5	77	54-109
121-14-2	2,4-Dinitrotoluene	50	37.8	76	60-119
606-20-2	2,6-Dinitrotoluene	50	42.4	85	60-122
91-94-1	3,3'-Dichlorobenzidine	50	34.3	69	32-120
53-70-3	Dibenzo(a,h)anthracene	50	39.2	78	61-124
132-64-9	Dibenzofuran	50	36.3	73	53-106
84-74-2	Di-n-butyl phthalate	50	43.1	86	65-125
117-84-0	Di-n-octyl phthalate	50	38.4	77	56-132
84-66-2	Diethyl phthalate	50	40.1	80	58-119
131-11-3	Dimethyl phthalate	50	39.9	80	47-123
117-81-7	bis(2-Ethylhexyl)phthalate	50	41.3	83	60-128
206-44-0	Fluoranthene	50	39.6	79	63-117
86-73-7	Fluorene	50	37.7	75	55-112
118-74-1	Hexachlorobenzene	50	36.6	73	61-115
87-68-3	Hexachlorobutadiene	50	26.8	54	15-95
77-47-4	Hexachlorocyclopentadiene	100	55.3	55	8-103
67-72-1	Hexachloroethane	50	22.9	46	16-88
193-39-5	Indeno(1,2,3-cd)pyrene	50	40.0	80	59-126
78-59-1	Isophorone	50	33.1	66	52-119
91-57-6	2-Methylnaphthalene	50	30.6	61	32-100
88-74-4	2-Nitroaniline	50	39.4	79	50-129
99-09-2	3-Nitroaniline	50	35.1	70	47-111
100-01-6	4-Nitroaniline	50	35.2	70	45-125
91-20-3	Naphthalene	50	29.7	59	36-96
98-95-3	Nitrobenzene	50	32.0	64	47-112
621-64-7	N-Nitroso-di-n-propylamine	50	35.5	71	49-121
86-30-6	N-Nitrosodiphenylamine	50	41.7	83	56-132
85-01-8	Phenanthrene	50	37.3	75	62-114
129-00-0	Pyrene	50	37.1	74	57-117

CAS No.	Surrogate Recoveries	BSP	Limits
367-12-4	2-Fluorophenol	51%	10-69%
4165-62-2	Phenol-d5	33%	10-52%
118-79-6	2,4,6-Tribromophenol	98%	32-134%

Blank Spike Summary

Job Number: JA12935
Account: CARICH C. A. Rich Consultants
Project: Via Verde, 700-730 Brook Avenue, Bronx, NY

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP37066-BS1	R71295.D	1	03/02/09	VN	02/27/09	OP37066	ER2651

The QC reported here applies to the following samples: Method: SW846 8270C

JA12935-1, JA12935-2, JA12935-3, JA12935-4, JA12935-5, JA12935-6, JA12935-8

CAS No.	Surrogate Recoveries	BSP	Limits
4165-60-0	Nitrobenzene-d5	70%	23-116%
321-60-8	2-Fluorobiphenyl	75%	28-109%
1718-51-0	Terphenyl-d14	71%	24-125%

Raw Data: R71306.D R71307.D

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: JA12935
Account: CARICH C. A. Rich Consultants
Project: Via Verde, 700-730 Brook Avenue, Bronx, NY

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP37066-MS	R71306.D	1	03/02/09	VN	02/27/09	OP37066	ER2651
OP37066-MSD	R71307.D	1	03/02/09	VN	02/27/09	OP37066	ER2651
JA12935-1	R71305.D	1	03/02/09	VN	02/27/09	OP37066	ER2651

The QC reported here applies to the following samples: Method: SW846 8270C

JA12935-1, JA12935-2, JA12935-3, JA12935-4, JA12935-5, JA12935-6, JA12935-8

CAS No.	Compound	JA12935-1 ug/l	Q	Spike ug/l	MS ug/l	MS %	MSD ug/l	MSD %	RPD	Limits Rec/RPD
95-57-8	2-Chlorophenol	ND		100	72.1	72	64.0	64	12	27-104/30
59-50-7	4-Chloro-3-methyl phenol	ND		100	75.4	75	68.2	68	10	39-119/26
120-83-2	2,4-Dichlorophenol	ND		100	76.8	77	69.0	69	11	30-113/31
105-67-9	2,4-Dimethylphenol	ND		100	64.8	65	55.9	56	15	25-124/33
51-28-5	2,4-Dinitrophenol	ND		200	191	96	172	86	10	10-159/30
534-52-1	4,6-Dinitro-o-cresol	ND		100	103	103	96.4	96	7	27-131/26
95-48-7	2-Methylphenol	ND		100	68.3	68	61.1	61	11	24-108/32
	3&4-Methylphenol	ND		100	67.6	68	60.3	60	11	20-110/32
88-75-5	2-Nitrophenol	ND		100	79.6	80	72.8	73	9	27-113/31
100-02-7	4-Nitrophenol	ND		100	45.3	45	44.7	45	1	8-123/34
87-86-5	Pentachlorophenol	ND		100	78.3	78	68.4	68	13	34-129/26
108-95-2	Phenol	ND		100	47.6	48	42.8	43	11	3-92/36
95-95-4	2,4,5-Trichlorophenol	ND		100	82.2	82	73.4	73	11	40-117/27
88-06-2	2,4,6-Trichlorophenol	ND		100	78.7	79	70.4	70	11	36-116/28
83-32-9	Acenaphthene	ND		100	77.6	78	69.7	70	11	34-108/32
208-96-8	Acenaphthylene	ND		100	68.6	69	61.7	62	11	32-99/31
98-86-2	Acetophenone	ND		100	79.7	80	70.6	71	12	28-115/32
120-12-7	Anthracene	ND		100	82.6	83	75.8	76	9	52-117/24
1912-24-9	Atrazine	ND		100	89.9	90	83.3	83	8	34-136/25
100-52-7	Benzaldehyde	ND		100	77.2	77	68.3	68	12	2-102/29
56-55-3	Benzo(a)anthracene	ND		100	82.7	83	76.4	76	8	52-116/22
50-32-8	Benzo(a)pyrene	ND		100	85.6	86	78.4	78	9	52-117/23
205-99-2	Benzo(b)fluoranthene	ND		100	87.9	88	76.5	77	14	47-126/26
191-24-2	Benzo(g,h,i)perylene	ND		100	97.8	98	90.2	90	8	44-124/26
207-08-9	Benzo(k)fluoranthene	ND		100	86.1	86	79.5	80	8	50-118/27
101-55-3	4-Bromophenyl phenyl ether	ND		100	88.4	88	79.8	80	10	48-114/24
85-68-7	Butyl benzyl phthalate	ND		100	94.3	94	87.4	87	8	51-127/24
92-52-4	1,1'-Biphenyl	ND		100	79.0	79	70.6	71	11	30-108/32
91-58-7	2-Chloronaphthalene	ND		100	73.2	73	64.7	65	12	31-104/33
106-47-8	4-Chloroaniline	ND		100	55.3	55	56.9	57	3	18-96/34
86-74-8	Carbazole	ND		100	85.5	86	79.5	80	7	56-120/23
105-60-2	Caprolactam	ND		100	42.1	42	37.6	38	11	1-97/40
218-01-9	Chrysene	ND		100	84.9	85	78.8	79	7	53-114/22
111-91-1	bis(2-Chloroethoxy)methane	ND		100	77.5	78	69.7	70	11	29-117/34
111-44-4	bis(2-Chloroethyl)ether	ND		100	73.1	73	64.7	65	12	26-112/33
108-60-1	bis(2-Chloroisopropyl)ether	ND		100	70.1	70	62.5	63	11	25-109/33

7.3
7

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: JA12935
Account: CARICH C. A. Rich Consultants
Project: Via Verde, 700-730 Brook Avenue, Bronx, NY

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP37066-MS	R71306.D	1	03/02/09	VN	02/27/09	OP37066	ER2651
OP37066-MSD	R71307.D	1	03/02/09	VN	02/27/09	OP37066	ER2651
JA12935-1	R71305.D	1	03/02/09	VN	02/27/09	OP37066	ER2651

The QC reported here applies to the following samples: Method: SW846 8270C

JA12935-1, JA12935-2, JA12935-3, JA12935-4, JA12935-5, JA12935-6, JA12935-8

CAS No.	Compound	JA12935-1 ug/l	Q	Spike ug/l	MS ug/l	MS %	MSD ug/l	MSD %	RPD	Limits Rec/RPD
7005-72-3	4-Chlorophenyl phenyl ether	ND		100	84.3	84	76.1	76	10	41-111/28
121-14-2	2,4-Dinitrotoluene	ND		100	83.0	83	75.5	76	9	47-120/26
606-20-2	2,6-Dinitrotoluene	ND		100	91.8	92	82.4	82	11	43-123/27
91-94-1	3,3'-Dichlorobenzidine	ND		100	44.1	44	41.1	41	7	6-122/35
53-70-3	Dibenzo(a,h)anthracene	ND		100	84.3	84	77.7	78	8	48-123/24
132-64-9	Dibenzofuran	ND		100	78.4	78	71.1	71	10	38-109/29
84-74-2	Di-n-butyl phthalate	ND		100	95.3	95	87.1	87	9	57-123/23
117-84-0	Di-n-octyl phthalate	ND		100	82.1	82	75.3	75	9	46-138/26
84-66-2	Diethyl phthalate	ND		100	88.2	88	79.6	80	10	46-118/25
131-11-3	Dimethyl phthalate	ND		100	87.8	88	79.2	79	10	36-121/29
117-81-7	bis(2-Ethylhexyl)phthalate	1.3	JB	100	91.0	90	83.7	82	8	51-132/26
206-44-0	Fluoranthene	ND		100	87.9	88	79.2	79	10	52-117/22
86-73-7	Fluorene	ND		100	83.1	83	73.9	74	12	42-113/27
118-74-1	Hexachlorobenzene	ND		100	80.8	81	72.9	73	10	49-114/24
87-68-3	Hexachlorobutadiene	ND		100	65.2	65	57.6	58	12	10-95/36
77-47-4	Hexachlorocyclopentadiene	ND		200	159	80	142	71	11	11-95/43
67-72-1	Hexachloroethane	ND		100	57.5	58	49.9	50	14	10-85/37
193-39-5	Indeno(1,2,3-cd)pyrene	ND		100	87.1	87	79.3	79	9	46-125/25
78-59-1	Isophorone	ND		100	74.0	74	66.4	66	11	31-118/33
91-57-6	2-Methylnaphthalene	ND		100	69.4	69	62.3	62	11	18-108/33
88-74-4	2-Nitroaniline	ND		100	83.8	84	73.8	74	13	35-127/29
99-09-2	3-Nitroaniline	ND		100	64.4	64	61.6	62	4	28-111/27
100-01-6	4-Nitroaniline	ND		100	46.4	46	48.8	49	5	28-125/29
91-20-3	Naphthalene	ND		100	67.6	68	60.6	61	11	19-103/31
98-95-3	Nitrobenzene	ND		100	72.0	72	65.9	66	9	27-114/32
621-64-7	N-Nitroso-di-n-propylamine	ND		100	83.1	83	73.2	73	13	30-116/34
86-30-6	N-Nitrosodiphenylamine	ND		100	86.3	86	78.9	79	9	42-136/24
85-01-8	Phenanthrene	ND		100	81.1	81	75.3	75	7	50-115/25
129-00-0	Pyrene	ND		100	82.0	82	75.9	76	8	46-120/24

CAS No.	Surrogate Recoveries	MS	MSD	JA12935-1	Limits
367-12-4	2-Fluorophenol	74%* [a]	67%	48%	10-69%
4165-62-2	Phenol-d5	62%* [a]	55%* [a]	30%	10-52%
118-79-6	2,4,6-Tribromophenol	112%	99%	78%	32-134%

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: JA12935
Account: CARICH C. A. Rich Consultants
Project: Via Verde, 700-730 Brook Avenue, Bronx, NY

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP37066-MS	R71306.D	1	03/02/09	VN	02/27/09	OP37066	ER2651
OP37066-MSD	R71307.D	1	03/02/09	VN	02/27/09	OP37066	ER2651
JA12935-1	R71305.D	1	03/02/09	VN	02/27/09	OP37066	ER2651

The QC reported here applies to the following samples: Method: SW846 8270C

JA12935-1, JA12935-2, JA12935-3, JA12935-4, JA12935-5, JA12935-6, JA12935-8

CAS No.	Surrogate Recoveries	MS	MSD	JA12935-1	Limits
4165-60-0	Nitrobenzene-d5	79%	71%	73%	23-116%
321-60-8	2-Fluorobiphenyl	84%	75%	76%	28-109%
1718-51-0	Terphenyl-d14	63%	61%	67%	24-125%

(a) Outside of in house control limits, but within reasonable method recovery limits.

Raw Data: R70731.D

Instrument Performance Check (DFTPP)

Job Number: JA12935
Account: CARICH C. A. Rich Consultants
Project: Via Verde, 700-730 Brook Avenue, Bronx, NY

Sample:	ER2617-DFTPP	Injection Date:	01/13/09
Lab File ID:	R70731.D	Injection Time:	18:28
Instrument ID:	GCMSR		

m/e	Ion Abundance Criteria	Raw Abundance	% Relative Abundance		Pass/Fail
51	30.0 - 60.0% of mass 198	11681	50.0		Pass
68	Less than 2.0% of mass 69	72	0.31	(0.74) [a]	Pass
69	Mass 69 relative abundance	9748	41.7		Pass
70	Less than 2.0% of mass 69	51	0.22	(0.52) [a]	Pass
127	40.0 - 60.0% of mass 198	12536	53.7		Pass
197	Less than 1.0% of mass 198	0	0.0		Pass
198	Base peak, 100% relative abundance	23363	100.0		Pass
199	5.0 - 9.0% of mass 198	1565	6.7		Pass
275	10.0 - 30.0% of mass 198	5531	23.7		Pass
365	1.0 - 100.0% of mass 198	652	2.8		Pass
441	Present, but less than mass 443	1946	8.3	(76.4) [b]	Pass
442	40.0 - 100.0% of mass 198	13739	58.8		Pass
443	17.0 - 23.0% of mass 442	2548	10.9	(18.5) [c]	Pass

7.4.7

(a) Value is % of mass 69
(b) Value is % of mass 443
(c) Value is % of mass 442

This check applies to the following Samples, MS, MSD, Blanks, and Standards:

Lab Sample ID	Lab File ID	Date Analyzed	Time Analyzed	Hours Lapsed	Client Sample ID
ER2617-IC2617	R70732.D	01/13/09	18:57	00:29	Initial cal 100
ER2617-IC2617	R70733.D	01/13/09	19:33	01:05	Initial cal 1
ER2617-IC2617	R70734.D	01/13/09	20:09	01:41	Initial cal 80
ER2617-IC2617	R70735.D	01/13/09	20:53	02:25	Initial cal 2
ER2617-IC2617	R70736.D	01/13/09	21:29	03:01	Initial cal 10
ER2617-IC2617	R70737.D	01/13/09	22:05	03:37	Initial cal 5
ER2617-IC2617	R70738.D	01/13/09	22:41	04:13	Initial cal 25
ER2617-ICC2617	R70739.D	01/13/09	23:25	04:57	Initial cal 50
ER2617-ICV2614	R70740.D	01/14/09	00:01	05:33	Initial cal verification 50
ER2617-ICV2614	R70741.D	01/14/09	00:44	06:16	Initial cal verification 50

Instrument Performance Check (DFTPP)

Job Number: JA12935
Account: CARICH C. A. Rich Consultants
Project: Via Verde, 700-730 Brook Avenue, Bronx, NY

Sample:	ER2624-DFTPP	Injection Date:	01/23/09
Lab File ID:	R70845.D	Injection Time:	09:43
Instrument ID:	GCMSR		

m/e	Ion Abundance Criteria	Raw Abundance	% Relative Abundance		Pass/Fail
51	30.0 - 60.0% of mass 198	12546	51.1		Pass
68	Less than 2.0% of mass 69	187	0.76	(1.8) [a]	Pass
69	Mass 69 relative abundance	10192	41.5		Pass
70	Less than 2.0% of mass 69	131	0.53	(1.3) [a]	Pass
127	40.0 - 60.0% of mass 198	13695	55.8		Pass
197	Less than 1.0% of mass 198	158	0.64		Pass
198	Base peak, 100% relative abundance	24560	100.0		Pass
199	5.0 - 9.0% of mass 198	1663	6.8		Pass
275	10.0 - 30.0% of mass 198	5856	23.8		Pass
365	1.0 - 100.0% of mass 198	605	2.5		Pass
441	Present, but less than mass 443	2346	9.6	(82.4) [b]	Pass
442	40.0 - 100.0% of mass 198	15022	61.2		Pass
443	17.0 - 23.0% of mass 442	2847	11.6	(19.0) [c]	Pass

(a) Value is % of mass 69
(b) Value is % of mass 443
(c) Value is % of mass 442

This check applies to the following Samples, MS, MSD, Blanks, and Standards:

Lab Sample ID	Lab File ID	Date Analyzed	Time Analyzed	Hours Lapsed	Client Sample ID
ER2624-IC2624	R70848.D	01/23/09	09:57	00:14	Initial cal 5
ER2624-IC2624	R70847.D	01/23/09	10:36	00:53	Initial cal 100
ER2624-IC2624	R70849.D	01/23/09	11:17	01:34	Initial cal 10
ER2624-IC2624	R70850.D	01/23/09	11:49	02:06	Initial cal 80
ER2624-IC2624	R70851.D	01/23/09	12:30	02:47	Initial cal 50
ER2624-IC2624	R70852.D	01/23/09	13:10	03:27	Initial cal 1
ER2624-IC2624	R70853.D	01/23/09	13:47	04:04	Initial cal 2
ER2624-ICC2624	R70854.D	01/23/09	14:29	04:46	Initial cal 25
ER2624-ICV2624	R70858.D	01/23/09	17:50	08:07	Initial cal verification 50
ER2624-ICV2624	R70859.D	01/23/09	18:33	08:50	Initial cal verification 50
ER2624-ICV2624	R70860.D	01/23/09	19:09	09:26	Initial cal verification 50

Instrument Performance Check (DFTPP)

Job Number: JA12935
Account: CARICH C. A. Rich Consultants
Project: Via Verde, 700-730 Brook Avenue, Bronx, NY

Sample:	ER2651-DFTPP	Injection Date:	03/02/09
Lab File ID:	R71291.D	Injection Time:	09:11
Instrument ID:	GCMSR		

m/e	Ion Abundance Criteria	Raw Abundance	% Relative Abundance		Pass/Fail
51	30.0 - 60.0% of mass 198	9864	46.9		Pass
68	Less than 2.0% of mass 69	151	0.72	(1.7) [a]	Pass
69	Mass 69 relative abundance	8901	42.3		Pass
70	Less than 2.0% of mass 69	0	0.0	(0.0) [a]	Pass
127	40.0 - 60.0% of mass 198	11058	52.6		Pass
197	Less than 1.0% of mass 198	0	0.0		Pass
198	Base peak, 100% relative abundance	21040	100.0		Pass
199	5.0 - 9.0% of mass 198	1449	6.9		Pass
275	10.0 - 30.0% of mass 198	5105	24.3		Pass
365	1.0 - 100.0% of mass 198	570	2.7		Pass
441	Present, but less than mass 443	2124	10.1	(74.9) [b]	Pass
442	40.0 - 100.0% of mass 198	14448	68.7		Pass
443	17.0 - 23.0% of mass 442	2836	13.5	(19.6) [c]	Pass

(a) Value is % of mass 69
(b) Value is % of mass 443
(c) Value is % of mass 442

This check applies to the following Samples, MS, MSD, Blanks, and Standards:

Lab Sample ID	Lab File ID	Date Analyzed	Time Analyzed	Hours Lapsed	Client Sample ID
ER2651-CC2624	R71292.D	03/02/09	09:26	00:15	Continuing cal 50
ER2651-CC2617	R71293.D	03/02/09	10:06	00:55	Continuing cal 50
OP36900-BS4	R71294.D	03/02/09	10:42	01:31	Blank Spike
OP37066-BS1	R71295.D	03/02/09	11:24	02:13	Blank Spike
OP36900-MB4	R71296.D	03/02/09	11:56	02:45	Method Blank
ZZZZZZ	R71297.D	03/02/09	12:40	03:29	(unrelated sample)
ZZZZZZ	R71298.D	03/02/09	13:16	04:05	(unrelated sample)
ZZZZZZ	R71313.D	03/02/09	15:17	06:06	(unrelated sample)
ZZZZZZ	R71314.D	03/02/09	15:51	06:40	(unrelated sample)
OP37066-MB1	R71299.D	03/02/09	16:35	07:24	Method Blank
JA12935-4	R71300.D	03/02/09	17:11	08:00	MW-2
JA12935-2	R71301.D	03/02/09	17:48	08:37	MW-4
JA12935-8	R71302.D	03/02/09	18:31	09:20	FIELD BLANK 2/25
JA12935-1	R71305.D	03/02/09	19:07	09:56	MW-5
OP37066-MS	R71306.D	03/02/09	19:51	10:40	Matrix Spike
OP37066A-MS	R71306.D	03/02/09	19:51	10:40	Matrix Spike
OP37066-MSD	R71307.D	03/02/09	20:27	11:16	Matrix Spike Duplicate
OP37066A-MSD	R71307.D	03/02/09	20:27	11:16	Matrix Spike Duplicate
JA12935-3	R71308.D	03/02/09	21:03	11:52	MW-3

Instrument Performance Check (DFTPP)

Job Number: JA12935
Account: CARICH C. A. Rich Consultants
Project: Via Verde, 700-730 Brook Avenue, Bronx, NY

Sample:	ER2652-DFTPP	Injection Date:	03/03/09
Lab File ID:	R71315.D	Injection Time:	08:55
Instrument ID:	GCMSR		

m/e	Ion Abundance Criteria	Raw Abundance	% Relative Abundance		Pass/Fail
51	30.0 - 60.0% of mass 198	7555	42.2		Pass
68	Less than 2.0% of mass 69	124	0.69	(1.8) [a]	Pass
69	Mass 69 relative abundance	6976	38.9		Pass
70	Less than 2.0% of mass 69	0	0.0	(0.0) [a]	Pass
127	40.0 - 60.0% of mass 198	8908	49.7		Pass
197	Less than 1.0% of mass 198	0	0.0		Pass
198	Base peak, 100% relative abundance	17917	100.0		Pass
199	5.0 - 9.0% of mass 198	1200	6.7		Pass
275	10.0 - 30.0% of mass 198	4526	25.3		Pass
365	1.0 - 100.0% of mass 198	487	2.7		Pass
441	Present, but less than mass 443	1886	10.5	(69.9) [b]	Pass
442	40.0 - 100.0% of mass 198	13361	74.6		Pass
443	17.0 - 23.0% of mass 442	2699	15.1	(20.2) [c]	Pass

(a) Value is % of mass 69
(b) Value is % of mass 443
(c) Value is % of mass 442

This check applies to the following Samples, MS, MSD, Blanks, and Standards:

Lab Sample ID	Lab File ID	Date Analyzed	Time Analyzed	Hours Lapsed	Client Sample ID
ER2652-CC2624	R71316.D	03/03/09	09:46	00:51	Continuing cal 50
ER2652-CC2617	R71317.D	03/03/09	10:22	01:27	Continuing cal 50
OP36986-BS1	R71318.D	03/03/09	11:00	02:05	Blank Spike
OP36986-MB1	R71319.D	03/03/09	11:44	02:49	Method Blank
ZZZZZZ	R71320.D	03/03/09	12:20	03:25	(unrelated sample)
ZZZZZZ	R71321.D	03/03/09	12:56	04:01	(unrelated sample)
ZZZZZZ	R71322.D	03/03/09	13:35	04:40	(unrelated sample)
ZZZZZZ	R71323.D	03/03/09	14:18	05:23	(unrelated sample)
ZZZZZZ	R71324.D	03/03/09	14:55	06:00	(unrelated sample)
ZZZZZZ	R71325.D	03/03/09	15:32	06:37	(unrelated sample)
ZZZZZZ	R71326.D	03/03/09	16:11	07:16	(unrelated sample)
ZZZZZZ	R71327.D	03/03/09	16:55	08:00	(unrelated sample)
ZZZZZZ	R71328.D	03/03/09	17:30	08:35	(unrelated sample)
ZZZZZZ	R71329.D	03/03/09	18:06	09:11	(unrelated sample)
JA12428-2	R71330.D	03/03/09	18:50	09:55	(used for QC only; not part of job JA12935)
OP36986-MS	R71331.D	03/03/09	19:26	10:31	Matrix Spike
OP36986A-MS	R71331.D	03/03/09	19:26	10:31	Matrix Spike
OP36986-MSD	R71332.D	03/03/09	20:09	11:14	Matrix Spike Duplicate
OP36986A-MSD	R71332.D	03/03/09	20:09	11:14	Matrix Spike Duplicate

Instrument Performance Check (DFTPP)

Job Number: JA12935
Account: CARICH C. A. Rich Consultants
Project: Via Verde, 700-730 Brook Avenue, Bronx, NY

Sample:	ER2652-DFTPP	Injection Date:	03/03/09
Lab File ID:	R71315.D	Injection Time:	08:55
Instrument ID:	GCMSR		

Lab Sample ID	Lab File ID	Date Analyzed	Time Analyzed	Hours Lapsed	Client Sample ID
JA12935-6	R71333.D	03/03/09	20:46	11:51	MW-X

7.4

7

Instrument Performance Check (DFTPP)

Job Number: JA12935
Account: CARICH C. A. Rich Consultants
Project: Via Verde, 700-730 Brook Avenue, Bronx, NY

Sample:	ER2653-DFTPP	Injection Date:	03/04/09
Lab File ID:	R71335.D	Injection Time:	09:58
Instrument ID:	GCMSR		

m/e	Ion Abundance Criteria	Raw Abundance	% Relative Abundance		Pass/Fail
51	30.0 - 60.0% of mass 198	8916	45.5		Pass
68	Less than 2.0% of mass 69	130	0.66	(1.6) [a]	Pass
69	Mass 69 relative abundance	8163	41.6		Pass
70	Less than 2.0% of mass 69	0	0.0	(0.0) [a]	Pass
127	40.0 - 60.0% of mass 198	10111	51.6		Pass
197	Less than 1.0% of mass 198	0	0.0		Pass
198	Base peak, 100% relative abundance	19602	100.0		Pass
199	5.0 - 9.0% of mass 198	1263	6.4		Pass
275	10.0 - 30.0% of mass 198	4928	25.1		Pass
365	1.0 - 100.0% of mass 198	532	2.7		Pass
441	Present, but less than mass 443	2184	11.1	(80.1) [b]	Pass
442	40.0 - 100.0% of mass 198	14621	74.6		Pass
443	17.0 - 23.0% of mass 442	2727	13.9	(18.7) [c]	Pass

7.4.7

(a) Value is % of mass 69
(b) Value is % of mass 443
(c) Value is % of mass 442

This check applies to the following Samples, MS, MSD, Blanks, and Standards:

Lab Sample ID	Lab File ID	Date Analyzed	Time Analyzed	Hours Lapsed	Client Sample ID
ER2653-CC2624	R71336.D	03/04/09	10:15	00:17	Continuing cal 50
ER2653-CC2617	R71337.D	03/04/09	10:59	01:01	Continuing cal 50
OP37101-BS1	R71338.D	03/04/09	11:35	01:37	Blank Spike
OP37101-MB1	R71339.D	03/04/09	12:14	02:16	Method Blank
ZZZZZZ	R71340.D	03/04/09	12:50	02:52	(unrelated sample)
ZZZZZZ	R71341.D	03/04/09	13:29	03:31	(unrelated sample)
ZZZZZZ	R71342.D	03/04/09	14:05	04:07	(unrelated sample)
ZZZZZZ	R71355.D	03/04/09	14:50	04:52	(unrelated sample)
ZZZZZZ	R71356.D	03/04/09	15:27	05:29	(unrelated sample)
OP37101-LS11	R71343.D	03/04/09	16:08	06:10	Leachate Spike
JA12935-5	R71344.D	03/04/09	16:57	06:59	MW-1
OP37101-LB10	R71345.D	03/04/09	17:30	07:32	Leachate Blank
OP37101-LB11	R71346.D	03/04/09	18:13	08:15	Leachate Blank
OP37101-LB9	R71347.D	03/04/09	18:49	08:51	Leachate Blank
ZZZZZZ	R71348.D	03/04/09	19:33	09:35	(unrelated sample)
ZZZZZZ	R71349.D	03/04/09	20:09	10:11	(unrelated sample)
ZZZZZZ	R71350.D	03/04/09	20:45	10:47	(unrelated sample)
ZZZZZZ	R71351.D	03/04/09	21:29	11:31	(unrelated sample)

Semivolatile Internal Standard Area Summary

Job Number: JA12935
Account: CARICH C. A. Rich Consultants
Project: Via Verde, 700-730 Brook Avenue, Bronx, NY

Check Std:	ER2651-CC2624	Injection Date:	03/02/09
Lab File ID:	R71292.D	Injection Time:	09:26
Instrument ID:	GCMSR	Method:	SW846 8270C

	IS 1 AREA	RT	IS 2 AREA	RT	IS 3 AREA	RT	IS 4 AREA	RT	IS 5 AREA	RT	IS 6 AREA	RT
Check Std	412927	7.56	1325109	10.33	619574	14.32	864310	17.13	818034	21.83	763845	24.14
Upper Limit [a]	825854	8.06	2650218	10.83	1239148	14.82	1728620	17.63	1636068	22.33	1527690	24.64
Lower Limit [b]	206464	7.06	662555	9.83	309787	13.82	432155	16.63	409017	21.33	381923	23.64

Lab Sample ID	IS 1 AREA	RT	IS 2 AREA	RT	IS 3 AREA	RT	IS 4 AREA	RT	IS 5 AREA	RT	IS 6 AREA	RT
OP36900-BS4	436318	7.56	1450060	10.33	689110	14.33	950713	17.14	886412	21.83	812623	24.14
OP37066-BS1	425584	7.56	1427253	10.33	679456	14.33	939514	17.14	890278	21.83	807324	24.14
OP36900-MB4	395530	7.55	1348128	10.33	621805	14.33	838244	17.13	753663	21.83	645879	24.14
ZZZZZZ	420612	7.56	1423349	10.35	662313	14.32	864771	17.13	727762	21.83	624870	24.14
ZZZZZZ	413011	7.56	1375966	10.34	632680	14.33	790645	17.13	661797	21.83	565430	24.14
ZZZZZZ	396157	7.56	1321858	10.33	606845	14.33	770863	17.13	671858	21.83	549396	24.14
ZZZZZZ	389564	7.56	1276034	10.33	585025	14.33	746994	17.13	648583	21.83	544568	24.14
OP37066-MB1	403103	7.56	1336007	10.33	615396	14.32	820008	17.13	704681	21.82	594290	24.14
JA12935-4	420079	7.56	1388331	10.33	649599	14.32	879993	17.13	813037	21.82	701225	24.14
JA12935-2	410072	7.56	1389507	10.33	646151	14.33	845364	17.13	717332	21.83	607304	24.14
JA12935-8	384595	7.56	1289028	10.33	607703	14.32	804296	17.13	647155	21.82	515467	24.14
JA12935-1	408427	7.56	1341627	10.33	621556	14.33	840068	17.13	721524	21.83	601602	24.14
OP37066-MS	436156	7.56	1471075	10.33	698632	14.33	970845	17.13	918524	21.84	828646	24.15
OP37066A-MS	436156	7.56	1471075	10.33	698632	14.33	970845	17.13	918524	21.84	828646	24.15
OP37066-MSD	424756	7.56	1420163	10.33	677425	14.33	925902	17.14	859856	21.83	783986	24.14
OP37066A-MSD	424756	7.56	1420163	10.33	677425	14.33	925902	17.14	859856	21.83	783986	24.14
JA12935-3	412263	7.56	1367982	10.33	628445	14.33	835108	17.13	741643	21.83	663543	24.14

IS 1 = 1,4-Dichlorobenzene-d4
IS 2 = Naphthalene-d8
IS 3 = Acenaphthene-D10
IS 4 = Phenanthrene-d10
IS 5 = Chrysene-d12
IS 6 = Perylene-d12

(a) Upper Limit = +100% of check standard area; Retention time +0.5 minutes.
(b) Lower Limit = -50% of check standard area; Retention time -0.5 minutes.

Semivolatile Internal Standard Area Summary

Job Number: JA12935
Account: CARICH C. A. Rich Consultants
Project: Via Verde, 700-730 Brook Avenue, Bronx, NY

Check Std:	ER2652-CC2624	Injection Date:	03/03/09
Lab File ID:	R71316.D	Injection Time:	09:46
Instrument ID:	GCMSR	Method:	SW846 8270C

	IS 1		IS 2		IS 3		IS 4		IS 5		IS 6	
	AREA	RT	AREA	RT	AREA	RT	AREA	RT	AREA	RT	AREA	RT
Check Std	449214	7.55	1473154	10.32	707578	14.32	991848	17.13	909962	21.83	773820	24.13
Upper Limit [a]	898428	8.05	2946308	10.82	1415156	14.82	1983696	17.63	1819924	22.33	1547640	24.63
Lower Limit [b]	224607	7.05	736577	9.82	353789	13.82	495924	16.63	454981	21.33	386910	23.63

Lab Sample ID	IS 1 AREA	RT	IS 2 AREA	RT	IS 3 AREA	RT	IS 4 AREA	RT	IS 5 AREA	RT	IS 6 AREA	RT
OP36986-BS1	437566	7.55	1470018	10.32	708690	14.32	983964	17.13	906400	21.82	793846	24.13
OP36986-MB1	433252	7.55	1479934	10.32	698583	14.32	938096	17.12	819215	21.82	672616	24.13
ZZZZZZ	447255	7.55	1531466	10.32	723812	14.32	970178	17.13	869573	21.82	716894	24.13
ZZZZZZ	454744	7.55	1588680	10.32	760613	14.32	1027039	17.12	907357	21.82	751989	24.13
ZZZZZZ	454583	7.55	1538098	10.32	731865	14.32	992140	17.12	892095	21.82	740010	24.13
ZZZZZZ	415629	7.55	1425602	10.32	663090	14.31	904951	17.12	815984	21.82	677373	24.13
ZZZZZZ	421486	7.56	1383281	10.33	681619	14.33	967322	17.12	875106	21.82	736712	24.13
ZZZZZZ	447231	7.55	1532152	10.32	726844	14.32	1002729	17.12	864637	21.82	721582	24.13
ZZZZZZ	415052	7.55	1420414	10.32	689162	14.31	928740	17.12	796345	21.82	659714	24.13
ZZZZZZ	427173	7.55	1459849	10.32	684817	14.31	919643	17.12	800462	21.82	668417	24.13
ZZZZZZ	422396	7.55	1446362	10.32	682095	14.32	925587	17.13	807306	21.82	662196	24.13
ZZZZZZ	422594	7.55	1409685	10.32	664139	14.31	874920	17.12	731014	21.82	579296	24.13
JA12428-2	406240	7.55	1419405	10.32	674955	14.31	897700	17.12	766675	21.82	644775	24.13
OP36986-MS	436289	7.55	1467331	10.32	706623	14.32	953954	17.12	858769	21.83	724300	24.13
OP36986A-MS	436289	7.55	1467331	10.32	706623	14.32	953954	17.12	858769	21.83	724300	24.13
OP36986-MSD	440574	7.55	1491524	10.32	704688	14.32	968635	17.13	880475	21.82	747016	24.14
OP36986A-MSD	440574	7.55	1491524	10.32	704688	14.32	968635	17.13	880475	21.82	747016	24.14
JA12935-6	457245	7.55	1481829	10.32	731028	14.32	1045154	17.12	968498	21.82	884042	24.14

IS 1 = 1,4-Dichlorobenzene-d4
IS 2 = Naphthalene-d8
IS 3 = Acenaphthene-D10
IS 4 = Phenanthrene-d10
IS 5 = Chrysene-d12
IS 6 = Perylene-d12

(a) Upper Limit = +100% of check standard area; Retention time +0.5 minutes.
(b) Lower Limit = -50% of check standard area; Retention time -0.5 minutes.

7.5

Semivolatile Internal Standard Area Summary

Job Number: JA12935
Account: CARICH C. A. Rich Consultants
Project: Via Verde, 700-730 Brook Avenue, Bronx, NY

Check Std:	ER2653-CC2624	Injection Date:	03/04/09
Lab File ID:	R71336.D	Injection Time:	10:15
Instrument ID:	GCMSR	Method:	SW846 8270C

	IS 1 AREA	IS 1 RT	IS 2 AREA	IS 2 RT	IS 3 AREA	IS 3 RT	IS 4 AREA	IS 4 RT	IS 5 AREA	IS 5 RT	IS 6 AREA	IS 6 RT
Check Std	517812	7.54	1602073	10.31	716969	14.31	934175	17.12	807540	21.81	702333	24.12
Upper Limit [a]	1035624	8.04	3204146	10.81	1433938	14.81	1868350	17.62	1615080	22.31	1404666	24.62
Lower Limit [b]	258906	7.04	801037	9.81	358485	13.81	467088	16.62	403770	21.31	351167	23.62

Lab Sample ID	IS 1 AREA	IS 1 RT	IS 2 AREA	IS 2 RT	IS 3 AREA	IS 3 RT	IS 4 AREA	IS 4 RT	IS 5 AREA	IS 5 RT	IS 6 AREA	IS 6 RT
OP37101-BS1	494311	7.54	1621225	10.30	750740	14.30	1005292	17.11	912663	21.81	821108	24.12
OP37101-MB1	480435	7.53	1605463	10.30	741308	14.30	978585	17.11	813635	21.80	663179	24.12
ZZZZZZ	493512	7.53	1614436	10.30	724652	14.30	958685	17.11	812250	21.81	694764	24.12
ZZZZZZ	523514	7.67	1836831	10.43	911650	14.33	1301806	17.13	1336596	21.83	1000154	24.13
ZZZZZZ	538273	7.65	1863153	10.48	945343	14.38	1364835	17.15	1290674	21.86	741010	24.14
ZZZZZZ	458054	7.55	1574680	10.33	740636	14.31	1003832	17.12	981458	21.81	743391	24.12
ZZZZZZ	449941	7.55	1551977	10.34	738226	14.31	1011760	17.11	976817	21.82	714821	24.12
OP37101-LS11	531081	7.66	1852444	10.42	876840	14.33	1263635	17.13	1240504	21.83	813214	24.14
JA12935-5	548867	7.54	1775940	10.31	909519	14.31	1127247	17.11	1021273	21.81	826199	24.12
OP37101-LB10	509701	7.53	1673840	10.30	749855	14.30	971846	17.11	824714	21.81	646409	24.12
OP37101-LB11	534598	7.53	1762727	10.30	784957	14.30	1009369	17.11	810373	21.80	612117	24.12
OP37101-LB9	563981	7.53	1866363	10.30	847180	14.30	1086558	17.11	826091	21.81	611544	24.12
ZZZZZZ	530028	7.53	1767576	10.30	780195	14.30	991486	17.11	727519	21.81	547548	24.12
ZZZZZZ	546337	7.53	1791513	10.30	784904	14.30	995619	17.11	725122	21.80	558422	24.12
ZZZZZZ	509094	7.53	1684957	10.30	739894	14.30	921084	17.11	662645	21.80	520274	24.12
ZZZZZZ	540691	7.53	1803273	10.30	783581	14.30	977258	17.11	689292	21.81	558208	24.12

IS 1 = 1,4-Dichlorobenzene-d4
IS 2 = Naphthalene-d8
IS 3 = Acenaphthene-D10
IS 4 = Phenanthrene-d10
IS 5 = Chrysene-d12
IS 6 = Perylene-d12

(a) Upper Limit = +100% of check standard area; Retention time +0.5 minutes.
(b) Lower Limit = -50% of check standard area; Retention time -0.5 minutes.

7.5

Semivolatile Surrogate Recovery Summary

Job Number: JA12935
Account: CARICH C. A. Rich Consultants
Project: Via Verde, 700-730 Brook Avenue, Bronx, NY

Method: SW846 8270C Matrix: AQ

Samples and QC shown here apply to the above method

Lab Sample ID	Lab File ID	S1	S2	S3	S4	S5	S6
JA12935-1	R71305.D	48.0	30.0	78.0	73.0	76.0	67.0
JA12935-2	R71301.D	48.0	29.0	81.0	73.0	77.0	68.0
JA12935-3	R71308.D	50.0	29.0	90.0	75.0	79.0	68.0
JA12935-4	R71300.D	49.0	31.0	93.0	70.0	76.0	73.0
JA12935-5	R71344.D	56.0	38.0	100.0	59.0	65.0	55.0
JA12935-6	R71333.D	47.0	36.0	82.0	52.0	55.0	43.0
JA12935-8	R71302.D	55.0	35.0	80.0	75.0	79.0	83.0
OP37066-BS1	R71295.D	51.0	33.0	98.0	70.0	75.0	71.0
OP37066-MB1	R71299.D	42.0	26.0	69.0	64.0	67.0	77.0
OP37066-MS	R71306.D	74.0* [a]	62.0* [a]	112.0	79.0	84.0	63.0
OP37066-MSD	R71307.D	67.0	55.0* [a]	99.0	71.0	75.0	61.0

Surrogate Compounds	Recovery Limits
S1 = 2-Fluorophenol	10-69%
S2 = Phenol-d5	10-52%
S3 = 2,4,6-Tribromophenol	32-134%
S4 = Nitrobenzene-d5	23-116%
S5 = 2-Fluorobiphenyl	28-109%
S6 = Terphenyl-d14	24-125%

(a) Outside of in house control limits, but within reasonable method recovery limits.

Initial Calibration Summary

Job Number: JA12935
Account: CARICH C. A. Rich Consultants
Project: Via Verde, 700-730 Brook Avenue, Bronx, NY

Sample: ER2617-ICC2617
Lab FileID: R70739.D

Response Factor Report MSR

Method : C:\HPCHEM\1\METHODS\MR2614.M (RTE Integrator)
Title : Semi Volatile Extractables by GC/MS
Last Update : Wed Jan 14 09:48:30 2009
Response via : Initial Calibration

Calibration Files
2 =R70735.D 5 =R70737.D 100 =R70732.D 50 =R70739.D
1 =R70733.D 10 =R70736.D 80 =R70734.D 25 =R70738.D

Compound	2	5	100	50	1	10	80	25	Avg	%RSD
102) I 1,4-Dichlorobenzene-d	ISTD									
103) Benzaldehyde	1.120	1.189	0.948	1.048	1.198	1.160	1.025	1.119	1.101	7.92
104) I Acenaphthene-d10a	ISTD									
105) 1,2,4,5-Tetr	0.571	0.613	0.573	0.559	0.626	0.594	0.579	0.565	0.585	4.09
106) Atrazine			0.125	0.169	0.168		0.148	0.172	0.159	0.157	11.44
107) t Chrysene-d12a	ISTD									
108) Benzidine			0.218	0.410	0.440		0.347	0.432	0.443	0.382	23.01

----- Linear regression ----- Coefficient = 0.9966
Response Ratio = -0.00662 + 0.42545 *A

(#) = Out of Range ### Number of calibration levels exceeded format ###

MR2614.M Wed Jan 14 09:54:29 2009 RPT1

7.7

Initial Calibration Summary

Job Number: JA12935
Account: CARICH C. A. Rich Consultants
Project: Via Verde, 700-730 Brook Avenue, Bronx, NY

Sample: ER2624-ICC2624
Lab FileID: R70854.D

Response Factor Report MSR

Method : C:\HPCHEM\1\METHODS\MR2614.M (RTE Integrator)
Title : Semi Volatile Extractables by GC/MS
Last Update : Fri Jan 23 17:17:51 2009
Response via : Initial Calibration

Calibration Files
2 =R70853.D 5 =R70848.D 100 =R70847.D 50 =R70851.D
1 =R70852.D 10 =R70849.D 80 =R70850.D 25 =R70854.D

Compound	2	5	100	50	1	10	80	25	Avg	%RSD
1) I 1,4-Dichlorobenzene-d					ISTD					
2) 1,4-Dioxane	0.793	0.681	0.645	0.653		0.707	0.628	0.655	0.680	8.22
3) Pyridine	1.728	1.778	1.590	1.637	1.968	1.760	1.577	1.669	1.713	7.40
4) N-Nitrosodim	0.453	0.485	0.525	0.519	0.468	0.500	0.528	0.521	0.500	5.70
5) 2-Fluorophen	1.303	1.535	1.355	1.405	1.551	1.497	1.336	1.396	1.422	6.62
6) Indene	2.233	2.339	2.095	2.132	2.608	2.307	2.078	2.194	2.248	7.70
7) Cumene	3.339	3.291	2.896	3.019	3.788	3.311	2.903	3.125	3.209	9.15
8) Phenol-d5	1.639	1.872	1.593	1.649	1.942	1.804	1.579	1.691	1.721	7.85
9) Phenol	1.876	2.061	1.758	1.808	2.149	1.989	1.744	1.849	1.904	7.73
10) Aniline	1.969	1.766	1.834	1.906	2.356	2.085	1.829	1.943	1.961	9.56
11) bis(2-Chloro	1.380	1.446	1.255	1.262	1.540	1.357	1.235	1.273	1.343	8.06
12) 2-Chlorophen	1.359	1.493	1.323	1.369	1.532	1.482	1.322	1.384	1.408	5.82
13) Decane	1.876	1.880	1.628	1.671	2.089	1.827	1.623	1.742	1.792	8.88
14) 1,3-Dichloro	1.777	1.822	1.626	1.649	2.057	1.774	1.613	1.689	1.751	8.33
15) 1,4-Dichloro	1.808	1.784	1.623	1.649	2.084	1.767	1.611	1.693	1.752	8.76
16) Benzyl alcoh	0.781	0.975	0.948	0.945	0.886	0.920	0.909	0.881	0.906	6.60
17) 1,2-Dichloro	1.683	1.694	1.521	1.545	1.958	1.665	1.499	1.578	1.643	9.01
18) Acetophenone	1.866	2.016	1.747	1.791	2.112	1.948	1.738	1.831	1.881	7.11
19) 2-Methylphen	1.142	1.330	1.173	1.204	1.333	1.277	1.157	1.206	1.228	6.18
20) 2,2'-oxybis(	0.507	0.502	0.457	0.462	0.551	0.478	0.448	0.461	0.483	7.17
21) 3&4-Methylph	1.121	1.387	1.251	1.259	1.317	1.333	1.217	1.257	1.268	6.37
22) n-Nitroso-di	0.198	0.261	0.257	0.240	0.232	0.233	0.241	0.220	0.235	8.51
23) Hexachloroet	0.453	0.480	0.460	0.453	0.532	0.468	0.455	0.450	0.469	5.86
24) I Naphthalene-d8					ISTD					
25) Nitrobenzene	0.418	0.458	0.415	0.415	0.487	0.443	0.406	0.416	0.432	6.51
26) Nitrobenzene	0.189	0.212	0.208	0.206	0.218	0.216	0.202	0.205	0.207	4.49
27) Quinoline	0.682	0.717	0.647	0.660	0.793	0.704	0.637	0.655	0.687	7.45
28) Isophorone	0.666	0.755	0.658	0.685	0.773	0.743	0.651	0.680	0.701	6.83
29) 2-Nitropheno	0.142	0.192	0.205	0.204	0.159	0.195	0.200	0.187	0.186	12.27
30) 2,4-Dimethyl	0.329	0.378	0.340	0.340	0.388	0.374	0.330	0.332	0.351	6.90
31) Benzoic acid		0.199	0.253	0.231		0.192	0.243	0.178	0.216	14.12
32) bis(2-Chloro	0.391	0.425	0.385	0.392	0.432	0.425	0.377	0.394	0.403	5.26
33) 2,4-Dichloro	0.255	0.309	0.289	0.291	0.284	0.308	0.283	0.285	0.288	5.80
34) 2,6-Dichloro	0.282	0.308	0.287	0.287	0.332	0.303	0.280	0.285	0.295	5.98
35) 1,3,5-Trichl	0.369	0.368	0.330	0.336	0.411	0.356	0.325	0.341	0.355	7.97
36) 1,2,4-Trichl	0.355	0.358	0.321	0.326	0.406	0.355	0.317	0.327	0.346	8.56
37) 1,2,3-Trichl	0.343	0.324	0.301	0.304	0.387	0.330	0.296	0.308	0.324	9.28
38) Naphthalene	1.216	1.211	0.985	1.066	1.359	1.193	0.996	1.117	1.143	11.08
39) 4-Chloroanil	0.378	0.248	0.401	0.417	0.435	0.435	0.403	0.414	0.391	15.53
40) 2,3-Dichloro	0.317	0.344	0.331	0.338	0.365	0.348	0.329	0.334	0.338	4.23
41) Caprolactam	0.149	0.190	0.189	0.183	0.228	0.188	0.181	0.173	0.185	11.87
42) Hexachlorobu	0.179	0.174	0.165	0.164	0.215	0.178	0.161	0.165	0.175	9.91
43) 4-Chloro-3-m	0.253	0.319	0.294	0.300	0.322	0.314	0.289	0.288	0.297	7.48
44) 2-Methylnaph	0.803	0.789	0.704	0.734	0.900	0.796	0.700	0.753	0.772	8.45
45) 1-Methylnaph	0.748	0.752	0.673	0.700	0.859	0.760	0.672	0.710	0.734	8.33

7.7

Initial Calibration Summary

Job Number: JA12935
Account: CARICH C. A. Rich Consultants
Project: Via Verde, 700-730 Brook Avenue, Bronx, NY

Sample: ER2624-ICC2624
Lab FileID: R70854.D

46)	Dimethylnaph	0.583	0.640	0.579	0.598	0.652	0.635	0.575	0.602	0.608	5.00
47)	I Acenaphthene-d10	ISTD									
48)	Hexachlorocy			0.100	0.169	0.149		0.107	0.162	0.125	0.135	21.23

----- Linear regression ----- Coefficient = 0.9969
Response Ratio = -0.03985 + 0.17316 *A

49)	2,4,6-Trichl	0.346	0.383	0.366	0.360	0.390	0.378	0.357	0.356	0.367	4.13
50)	2,4,5-Trichl	0.306	0.391	0.381	0.368	0.366	0.397	0.367	0.360	0.367	7.62
51)	2-Fluorobiph	1.912	1.649	1.415	1.459		1.678	1.417	1.533	1.580	11.41
52)	2-Chloronaph	1.451	1.396	1.247	1.283	1.666	1.407	1.246	1.318	1.377	10.16
53)	Biphenyl	1.889	1.829	1.562	1.639	2.081	1.842	1.569	1.728	1.767	10.07
54)	2-Nitroanili	0.271	0.409	0.402	0.398	0.282	0.404	0.391	0.384	0.368	15.52
55)	Dimethylphth	1.249	1.313	1.207	1.240	1.369	1.333	1.196	1.255	1.270	4.85
56)	Acenaphthyle	2.184	2.181	1.822	1.916	2.438	2.185	1.829	2.013	2.071	10.33
57)	2,6-Dinitrot	0.209	0.269	0.312	0.305	0.216	0.284	0.304	0.284	0.273	14.65
58)	3-Nitroanili			0.192	0.328	0.328		0.298	0.327	0.314	0.298	17.88

----- Linear regression ----- Coefficient = 0.9999
Response Ratio = -0.01228 + 0.33371 *A

59)	Acenaphthene	1.389	1.370	1.223	1.243	1.673	1.372	1.215	1.285	1.346	11.12
60)	2,4-Dinitrop				0.079	0.062		0.019	0.073	0.032	0.053	49.28

----- Linear regression ----- Coefficient = 0.9923
Response Ratio = -0.05361 + 0.08763 *A

61)	4-Nitropheno	0.110	0.161	0.173	0.163	0.136	0.140	0.164	0.139	0.148	13.88
62)	Dibenzofuran	1.844	1.803	1.558	1.631	2.183	1.853	1.567	1.706	1.768	11.58
63)	2,4-Dinitrot	0.213	0.346	0.409	0.404		0.378	0.397	0.382	0.361	19.01

----- Linear regression ----- Coefficient = 0.9996
Response Ratio = -0.01043 + 0.40901 *A

64)	2,3,4,6-Tetr	0.228	0.284	0.291	0.279	0.267	0.277	0.280	0.267	0.272	7.12
65)	Diethylphtha	1.170	1.288	1.153	1.192	1.296	1.296	1.150	1.233	1.222	5.25
66)	Fluorene	1.443	1.454	1.311	1.335	1.669	1.465	1.291	1.379	1.418	8.55
67)	4-Chlorophen	0.600	0.612	0.578	0.573	0.659	0.603	0.563	0.577	0.596	5.18
68)	4-Nitroanili	0.177	0.175	0.243	0.237	0.193	0.264	0.239	0.232	0.220	15.25
69)	I Phenanthrene-d10	ISTD									
70)	4,6-Dinitro-				0.096	0.081		0.033	0.094	0.054	0.072	38.48

----- Linear regression ----- Coefficient = 0.9966
Response Ratio = -0.02619 + 0.10607 *A

71)	n-Nitrosodip	0.562	0.654	0.616	0.612	0.661	0.660	0.605	0.615	0.623	5.42
72)	1,2-Diphenyl	1.053	1.089	0.910	0.962	1.202	1.070	0.926	1.012	1.028	9.39
73)	2,4,6-Tribro	0.087	0.103	0.103	0.094	0.121	0.094	0.097	0.089	0.099	11.02
74)	4-Bromopheny	0.214	0.240	0.235	0.228	0.245	0.238	0.230	0.222	0.231	4.41
75)	Hexachlorobe	0.270	0.260	0.252	0.245	0.336	0.262	0.245	0.247	0.265	11.45
76)	Pentachlorop			0.115	0.151	0.140		0.113	0.147	0.121	0.131	12.84
77)	Phenanthrene	1.444	1.413	1.201	1.260	1.733	1.408	1.218	1.317	1.374	12.50
78)	Anthracene	1.366	1.436	1.236	1.296	1.623	1.406	1.245	1.341	1.369	9.14
79)	Carbazole	1.105	1.274	0.966	0.854		1.223	0.859	0.985	1.038	16.14

----- Linear regression ----- Coefficient = 0.9910
Response Ratio = 0.02640 + 0.90482 *A

80)	Di-n-butylph	0.983	1.371	1.178	1.280	1.136	1.336	1.217	1.293	1.224	10.24
81)	Fluoranthene	1.154	1.295	1.167	1.220	1.372	1.279	1.164	1.243	1.237	6.16
82)	Octadecane	0.532	0.662	0.624	0.636	0.619	0.651	0.624	0.635	0.623	6.35
83)	I Chrysene-d12	ISTD									
84)	Pyrene	1.444	1.562	1.314	1.389	1.732	1.531	1.338	1.444	1.469	9.29

7.7

Initial Calibration Summary

Job Number: JA12935
Account: CARICH C. A. Rich Consultants
Project: Via Verde, 700-730 Brook Avenue, Bronx, NY

Sample: ER2624-ICC2624
Lab FileID: R70854.D

85)	Butyl steara	0.263	0.425	0.408	0.413		0.388	0.409	0.381	0.384	14.42
86)	Terphenyl-d1	1.176	1.107	0.929	0.961		1.056	0.936	0.961	1.018	9.44
87)	Butylbenzylp	0.354	0.587	0.567	0.573		0.555	0.565	0.540	0.534	15.10
88)	Benzo[a]anth	1.082	1.235	1.127	1.168	1.322	1.191	1.134	1.155	1.177	6.31
89)	3,3'-Dichlor		0.195	0.327	0.330		0.309	0.335	0.291	0.298	17.74
	----- Linear regression ----- Coefficient = 0.9990										
	Response Ratio = -0.01507 + 0.33698 *A										
90)	Chrysene	1.200	1.202	1.086	1.123	1.439	1.185	1.091	1.131	1.182	9.60
91)	bis(2-Ethylh	0.336	0.685	0.707	0.721		0.654	0.708	0.644	0.637	21.31
	----- Linear regression ----- Coefficient = 0.9995										
	Response Ratio = -0.01617 + 0.71584 *A										
92)	I Perylene-d12	----------ISTD----------									
93)	Di-n-octylph	0.510	1.319	1.316	1.305		1.148	1.300	1.126	1.146	25.49
	----- Linear regression ----- Coefficient = 0.9991										
	Response Ratio = -0.04760 + 1.32879 *A										
94)	Benzo[b]fluo	0.808	1.181		1.206	1.132	1.230	1.287	1.122	1.138	13.72
95)	Benzo[k]fluo	1.416	1.376	1.079	1.376	1.573	1.378	1.254	1.433	1.361	10.58
96)	Benzo[a]pyre	0.826	1.106	1.151	1.156	0.984	1.094	1.139	1.112	1.071	10.53
97)	Indeno[1,2,3	0.713	1.031	1.205	1.150	0.732	1.036	1.170	1.061	1.012	18.77
	----- Linear regression ----- Coefficient = 0.9992										
	Response Ratio = -0.03894 + 1.20230 *A										
98)	Dibenz(a,h)a	0.443	0.765	0.896	0.854	0.461	0.760	0.858	0.739	0.722	24.29
	----- Linear regression ----- Coefficient = 0.9984										
	Response Ratio = -0.03537 + 0.89215 *A										
99)	Dibenz[a,h]a	0.515	0.871	1.024	0.974	0.702	0.880	0.990	0.893	0.856	19.86
	----- Linear regression ----- Coefficient = 0.9991										
	Response Ratio = -0.03482 + 1.02079 *A										
100)	7,12-Dimethy	0.426	0.561	0.607	0.589	0.518	0.532	0.595	0.563	0.549	10.64
101)	Benzo[g,h,i]	0.699	0.916	1.000	0.959	0.789	0.895	0.972	0.904	0.892	11.31

(#) = Out of Range ### Number of calibration levels exceeded format ###

MR2614.M Fri Jan 23 17:20:03 2009 RPT1

7.7

Continuing Calibration Summary

Job Number: JA12935
Account: CARICH C. A. Rich Consultants
Project: Via Verde, 700-730 Brook Avenue, Bronx, NY

Sample: ER2651-CC2624
Lab FileID: R71292.D

Evaluate Continuing Calibration Report

Data File : C:\HPCHEM\1\DATA\ER2651\R71292.D Vial: 2
Acq On : 2 Mar 2009 9:26 am Operator: vanessan
Sample : cc2624-50 Inst : MSR
Misc : op36829,er2651,1000,,,1,1 Multiplr: 1.00
MS Integration Params: RTEINT.P

Method : C:\HPCHEM\1\METHODS\MR2614.M (RTE Integrator)
Title : Semi Volatile Extractables by GC/MS
Last Update : Fri Feb 27 16:34:40 2009
Response via : Multiple Level Calibration

Min. RRF : 0.050 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	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	76	-0.05	7.56
2	t	1,4-Dioxane	0.680	0.752	-10.6	88	0.00	2.72
3	t	Pyridine	1.713	1.773	-3.5	82	-0.02	3.14
4	t	N-Nitrosodimethylamine	0.500	0.547	-9.4	80	-0.02	3.15
5	S	2-Fluorophenol	1.422	1.462	-2.8	79	-0.04	5.27
6	t	Indene	2.248	2.204	2.0	79	-0.06	8.14
7	t	Cumene	3.209	3.364	-4.8	85	-0.04	6.10
8	S	Phenol-d5	1.721	1.607	6.6	74	-0.04	7.03
9	t	Phenol	1.904	1.865	2.0	78	-0.04	7.05
10	t	Aniline	1.961	1.676	14.5	67	-0.05	7.00
11	t	bis(2-Chloroethyl)ether	1.343	1.278	4.8	77	-0.05	7.14
12	t	2-Chlorophenol	1.408	1.378	2.1	77	-0.05	7.22
13	t	Decane	1.792	1.794	-0.1	82	-0.05	7.34
14	t	1,3-Dichlorobenzene	1.751	1.751	0.0	81	-0.06	7.48
15	t	1,4-Dichlorobenzene	1.752	1.769	-1.0	82	-0.05	7.59
16	t	Benzyl alcohol	0.906	0.914	-0.9	73	-0.05	7.94
17	t	1,2-Dichlorobenzene	1.643	1.615	1.7	79	-0.05	7.98
18	t	Acetophenone	1.881	1.744	7.3	74	-0.06	8.48
19	t	2-Methylphenol	1.228	1.137	7.4	72	-0.04	8.26
20	t	2,2'-oxybis(1-Chloropropa	0.483	0.446	7.7	73	-0.06	8.27
21	t	3&4-Methylphenol	1.268	1.187	6.4	72	-0.05	8.58
22	t	n-Nitroso-di-n-propylamin	0.235	0.246	-4.7	78	-0.06	8.56
23	t	Hexachloroethane	0.469	0.500	-6.6	84	-0.06	8.62
24	I	Naphthalene-d8	1.000	1.000	0.0	72	-0.06	10.33
25	S	Nitrobenzene-d5	0.432	0.426	1.4	74	-0.06	8.79
26	t	Nitrobenzene	0.207	0.212	-2.4	74	-0.06	8.83
27	t	Quinoline	0.687	0.666	3.1	73	-0.06	11.17
28	t	Isophorone	0.701	0.699	0.3	74	-0.06	9.36
29	t	2-Nitrophenol	0.186	0.209	-12.4	74	-0.06	9.55
30	t	2,4-Dimethylphenol	0.351	0.336	4.3	71	-0.05	9.73
31	t	Benzoic acid	0.216	0.215	0.5	67	-0.04	10.11
32	t	bis(2-Chloroethoxy)methan	0.403	0.403	0.0	74	-0.06	9.93
33	t	2,4-Dichlorophenol	0.288	0.301	-4.5	75	-0.05	10.10
34	t	2,6-Dichlorophenol	0.295	0.296	-0.3	74	-0.06	10.62
35	t	1,3,5-Trichlorobenzene	0.355	0.352	0.8	76	-0.06	9.56
36	t	1,2,4-Trichlorobenzene	0.346	0.345	0.3	76	-0.06	10.26
37	t	1,2,3-Trichlorobenzene	0.324	0.319	1.5	76	-0.06	10.80
38	t	Naphthalene	1.143	1.124	1.7	76	-0.06	10.37
39	t	4-Chloroaniline	0.391	0.326	16.6	57	-0.05	10.62
40	t	2,3-Dichloroaniline	0.338	0.332	1.8	71	-0.06	12.75
41	t	Caprolactam	0.185	0.180	2.7	71	-0.04	11.39

7.1.7

Continuing Calibration Summary

Job Number: JA12935
Account: CARICH C. A. Rich Consultants
Project: Via Verde, 700-730 Brook Avenue, Bronx, NY

Sample: ER2651-CC2624
Lab FileID: R71292.D

42 t	Hexachlorobutadiene	0.175	0.184	-5.1	81	-0.06	10.84
43 t	4-Chloro-3-methylphenol	0.297	0.301	-1.3	72	-0.06	11.84
44 t	2-Methylnaphthalene	0.772	0.749	3.0	74	-0.06	11.99
45 t	1-Methylnaphthalene	0.734	0.706	3.8	73	-0.06	12.23
46 t	Dimethylnaphthalene	0.608	0.605	0.5	73	-0.06	13.44
47 I	Acenaphthene-d10	1.000	1.000	0.0	68	-0.06	14.32
		True	Calc.	% Drift			
48 t	Hexachlorocyclopentadiene	100.000	90.878	9.1	65	-0.06	12.55
		AvgRF	CCRF	% Dev			
49 t	2,4,6-Trichlorophenol	0.367	0.380	-3.5	72	-0.06	12.77
50 t	2,4,5-Trichlorophenol	0.367	0.402	-9.5	74	-0.05	12.87
51 S	2-Fluorobiphenyl	1.580	1.588	-0.5	74	-0.06	12.93
52 t	2-Chloronaphthalene	1.377	1.362	1.1	72	-0.06	13.10
53 t	Biphenyl	1.767	1.773	-0.3	74	-0.06	13.12
54 t	2-Nitroaniline	0.368	0.421	-14.4	72	-0.06	13.45
55 t	Dimethylphthalate	1.270	1.343	-5.7	74	-0.06	13.95
56 t	Acenaphthylene	2.071	2.095	-1.2	74	-0.06	14.00
57 t	2,6-Dinitrotoluene	0.273	0.332	-21.6#	74	-0.06	14.07
		True	Calc.	% Drift			
58 t	3-Nitroaniline	50.000	41.602	16.8	56	-0.05	14.34
		AvgRF	CCRF	% Dev			
59 t	Acenaphthene	1.346	1.329	1.3	73	-0.06	14.39
		True	Calc.	% Drift			
60 t	2,4-Dinitrophenol	100.000	93.955	6.0	66	-0.04	14.56
		AvgRF	CCRF	% Dev			
61 t	4-Nitrophenol	0.148	0.160	-8.1	67	-0.04	14.81
62 t	Dibenzofuran	1.768	1.749	1.1	73	-0.06	14.72
		True	Calc.	% Drift			
63 t	2,4-Dinitrotoluene	50.000	54.360	-8.7	73	-0.06	14.86
		AvgRF	CCRF	% Dev			
64	2,3,4,6-Tetrachlorophenol	0.272	0.299	-9.9	73	-0.05	15.09
65 t	Diethylphthalate	1.222	1.263	-3.4	72	-0.05	15.39
66 t	Fluorene	1.418	1.426	-0.6	73	-0.06	15.40
67 t	4-Chlorophenyl-phenylethe	0.596	0.621	-4.2	74	-0.05	15.44
68 t	4-Nitroaniline	0.220	0.211	4.1	61	-0.05	15.56
69 I	Phenanthrene-d10	1.000	1.000	0.0	70	-0.06	17.13
		True	Calc.	% Drift			
70 t	4,6-Dinitro-2-methylpheno	50.000	52.440	-4.9	78	-0.05	15.65
		AvgRF	CCRF	% Dev			
71 t	n-Nitrosodiphenylamine	0.623	0.645	-3.5	74	-0.06	15.70
72 t	1,2-Diphenylhydrazine	1.028	0.992	3.5	72	-0.05	15.74
73 S	2,4,6-Tribromophenol	0.099	0.108	-9.1	81	-0.06	15.90
74 t	4-Bromophenyl-phenylether	0.231	0.243	-5.2	75	-0.06	16.35
75 t	Hexachlorobenzene	0.265	0.262	1.1	75	-0.06	16.59
76 t	Pentachlorophenol	0.131	0.138	-5.3	69	-0.06	16.95
77 t	Phenanthrene	1.374	1.313	4.4	73	-0.06	17.18
78 t	Anthracene	1.369	1.337	2.3	72	-0.06	17.26

Continuing Calibration Summary

Job Number: JA12935
Account: CARICH C. A. Rich Consultants
Project: Via Verde, 700-730 Brook Avenue, Bronx, NY

Sample: ER2651-CC2624
Lab FileID: R71292.D

			True	Calc.	% Drift			
79	t	Carbazole	50.000	59.480	-19.0	90	-0.06	17.59
			AvgRF	CCRF	% Dev			
80	t	Di-n-butylphthalate	1.224	1.328	-8.5	73	-0.05	18.38
81	t	Fluoranthene	1.237	1.279	-3.4	74	-0.06	19.31
82	t	Octadecane	0.623	0.654	-5.0	72	-0.05	17.07
83	I	Chrysene-d12	1.000	1.000	0.0	72	-0.07	21.83
84	t	Pyrene	1.469	1.414	3.7	73	-0.06	19.69
85		Butyl stearate	0.384	0.414	-7.8	72	-0.06	21.05
86	S	Terphenyl-d14	1.018	0.975	4.2	73	-0.06	20.03
87	t	Butylbenzylphthalate	0.534	0.586	-9.7	74	-0.06	20.98
88	t	Benzo[a]anthracene	1.177	1.187	-0.8	73	-0.06	21.80
			True	Calc.	% Drift			
89	t	3,3'-Dichlorobenzidine	50.000	48.982	2.0	69	-0.07	21.81
			AvgRF	CCRF	% Dev			
90	t	Chrysene	1.182	1.181	0.1	76	-0.06	21.88
			True	Calc.	% Drift			
91	t	bis(2-Ethylhexyl)phthalat	50.000	51.262	-2.5	72	-0.06	22.04
			AvgRF	CCRF	% Dev			
92	I	Perylene-d12	1.000	1.000	0.0	80	-0.07	24.14
			True	Calc.	% Drift			
93	t	Di-n-octylphthalate	50.000	49.206	1.6	78	-0.06	23.04
			AvgRF	CCRF	% Dev			
94	t	Benzo[b]fluoranthene	1.138	1.219	-7.1	81	-0.07	23.58
95	t	Benzo[k]fluoranthene	1.361	1.284	5.7	75	-0.07	23.62
96	t	Benzo[a]pyrene	1.071	1.180	-10.2	81	-0.07	24.06
			True	Calc.	% Drift			
97	t	Indeno[1,2,3-cd]pyrene	50.000	53.974	-7.9	88	-0.11	26.04
98	t	Dibenz(a,h)acridine	50.000	54.152	-8.3	88	-0.10	25.60
99	t	Dibenz[a,h]anthracene	50.000	54.043	-8.1	88	-0.11	26.08
			AvgRF	CCRF	% Dev			
100	t	7,12-Dimethylbenz(a)anthr	0.549	0.544	0.9	74	-0.07	23.61
101	t	Benzo[g,h,i]perylene	0.892	1.061	-18.9	88	-0.12	26.59

(#) = Out of Range SPCC's out = 0 CCC's out = 0
R70851.D MR2614.M Mon Mar 02 11:12:43 2009 RPT1

Raw Data: R71293.D

Continuing Calibration Summary

Job Number: JA12935
Account: CARICH C. A. Rich Consultants
Project: Via Verde, 700-730 Brook Avenue, Bronx, NY

Sample: ER2651-CC2617
Lab FileID: R71293.D

Evaluate Continuing Calibration Report

Data File : C:\HPCHEM\1\DATA\ER2651\R71293.D
Acq On : 2 Mar 2009 10:06 am
Sample : cc2617-50
Misc : op36829,er2651,1000,,,1,1
MS Integration Params: RTEINT.P

Vial: 3
Operator: vanessan
Inst : MSR
Multiplr: 1.00

Method : C:\HPCHEM\1\METHODS\MR2614.M (RTE Integrator)
Title : Semi Volatile Extractables by GC/MS
Last Update : Fri Feb 27 16:34:40 2009
Response via : Multiple Level Calibration

Min. RRF : 0.050 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.
102 I	1,4-Dichlorobenzene-d4a	1.000	1.000	0.0	170	-0.06	7.55
103	Benzaldehyde	1.101	0.845	23.3#	137	0.00	6.70
104 I	Acenaphthene-d10a	1.000	1.000	0.0	145	-0.06	14.32
105 I	1,2,4,5-Tetrachlorobenzen	0.585	0.604	-3.2	157	0.00	12.48
106	Atrazine	0.157	0.165	-5.1	143	-0.28	16.80
107 t	Chrysene-d12a	1.000	1.000	0.0	138	-0.07	21.83
		True	Calc.	% Drift			
108 t	Benzidine	50.000	28.837	42.3#	75	0.00	19.59

(#) = Out of Range SPCC's out = 0 CCC's out = 0
R70851.D MR2614.M Mon Mar 02 11:17:23 2009 RPT1

7.7

Continuing Calibration Summary

Job Number: JA12935
Account: CARICH C. A. Rich Consultants
Project: Via Verde, 700-730 Brook Avenue, Bronx, NY

Sample: ER2652-CC2624
Lab FileID: R71316.D

Evaluate Continuing Calibration Report

Data File : C:\HPCHEM\1\DATA\ER2652\R71316.D
Acq On : 3 Mar 2009 9:46 am
Sample : cc2624-50
Misc : op36900,er2652,900,,,1,1
MS Integration Params: RTEINT.P

Vial: 2
Operator: vanessan
Inst : MSR
Multiplr: 1.00

Method : C:\HPCHEM\1\METHODS\MR2614.M (RTE Integrator)
Title : Semi Volatile Extractables by GC/MS
Last Update : Fri Feb 27 16:34:40 2009
Response via : Multiple Level Calibration

Min. RRF : 0.050 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	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	83	-0.06	7.55
2	t	1,4-Dioxane	0.680	0.743	-9.3	94	-0.01	2.71
3	t	Pyridine	1.713	1.771	-3.4	89	-0.03	3.13
4	t	N-Nitrosodimethylamine	0.500	0.502	-0.4	80	0.00	3.17
5	S	2-Fluorophenol	1.422	1.456	-2.4	86	-0.04	5.27
6	t	Indene	2.248	2.209	1.7	86	-0.06	8.13
7	t	Cumene	3.209	3.339	-4.1	91	-0.05	6.09
8	S	Phenol-d5	1.721	1.643	4.5	82	-0.05	7.02
9	t	Phenol	1.904	1.882	1.2	86	-0.05	7.04
10	t	Aniline	1.961	1.701	13.3	74	-0.06	6.99
11	t	bis(2-Chloroethyl)ether	1.343	1.292	3.8	85	-0.06	7.13
12	t	2-Chlorophenol	1.408	1.408	0.0	85	-0.06	7.21
13	t	Decane	1.792	1.750	2.3	87	-0.06	7.33
14	t	1,3-Dichlorobenzene	1.751	1.759	-0.5	88	-0.06	7.48
15	t	1,4-Dichlorobenzene	1.752	1.792	-2.3	90	-0.06	7.58
16	t	Benzyl alcohol	0.906	0.938	-3.5	82	-0.06	7.93
17	t	1,2-Dichlorobenzene	1.643	1.648	-0.3	88	-0.06	7.97
18	t	Acetophenone	1.881	1.778	5.5	82	-0.06	8.48
19	t	2-Methylphenol	1.228	1.174	4.4	81	-0.05	8.26
20	t	2,2'-oxybis(1-Chloropropa	0.483	0.456	5.6	81	-0.06	8.26
21	t	3&4-Methylphenol	1.268	1.237	2.4	81	-0.05	8.58
22	t	n-Nitroso-di-n-propylamin	0.235	0.244	-3.8	84	-0.06	8.56
23	t	Hexachloroethane	0.469	0.501	-6.8	92	-0.06	8.61
24	I	Naphthalene-d8	1.000	1.000	0.0	80	-0.07	10.32
25	S	Nitrobenzene-d5	0.432	0.433	-0.2	84	-0.06	8.79
26	t	Nitrobenzene	0.207	0.214	-3.4	83	-0.06	8.83
27	t	Quinoline	0.687	0.675	1.7	82	-0.06	11.16
28	t	Isophorone	0.701	0.702	-0.1	82	-0.06	9.36
29	t	2-Nitrophenol	0.186	0.213	-14.5	84	-0.06	9.54
30	t	2,4-Dimethylphenol	0.351	0.345	1.7	82	-0.05	9.73
31	t	Benzoic acid	0.216	0.223	-3.2	77	-0.04	10.12
32	t	bis(2-Chloroethoxy)methan	0.403	0.399	1.0	82	-0.06	9.92
33	t	2,4-Dichlorophenol	0.288	0.303	-5.2	84	-0.06	10.09
34	t	2,6-Dichlorophenol	0.295	0.299	-1.4	83	-0.06	10.61
35	t	1,3,5-Trichlorobenzene	0.355	0.352	0.8	84	-0.06	9.55
36	t	1,2,4-Trichlorobenzene	0.346	0.342	1.2	84	-0.06	10.25
37	t	1,2,3-Trichlorobenzene	0.324	0.320	1.2	84	-0.06	10.80
38	t	Naphthalene	1.143	1.126	1.5	85	-0.06	10.37
39	t	4-Chloroaniline	0.391	0.359	8.2	69	-0.06	10.61
40	t	2,3-Dichloroaniline	0.338	0.341	-0.9	81	-0.06	12.74
41	t	Caprolactam	0.185	0.184	0.5	81	-0.05	11.38

Continuing Calibration Summary

Job Number: JA12935
Account: CARICH C. A. Rich Consultants
Project: Via Verde, 700-730 Brook Avenue, Bronx, NY

Sample: ER2652-CC2624
Lab FileID: R71316.D

42 t	Hexachlorobutadiene	0.175	0.181	-3.4	89	-0.06	10.84
43 t	4-Chloro-3-methylphenol	0.297	0.317	-6.7	85	-0.06	11.84
44 t	2-Methylnaphthalene	0.772	0.759	1.7	83	-0.07	11.98
45 t	1-Methylnaphthalene	0.734	0.721	1.8	83	-0.07	12.23
46 t	Dimethylnaphthalene	0.608	0.616	-1.3	83	-0.06	13.43
47 I	Acenaphthene-d10	1.000	1.000	0.0	78	-0.06	14.32
	----------	True	Calc.	% Drift	----------		
48 t	Hexachlorocyclopentadiene	100.000	69.107	30.9#	54	-0.07	12.54
	----------	AvgRF	CCRF	% Dev	----------		
49 t	2,4,6-Trichlorophenol	0.367	0.384	-4.6	83	-0.06	12.77
50 t	2,4,5-Trichlorophenol	0.367	0.401	-9.3	85	-0.06	12.86
51 S	2-Fluorobiphenyl	1.580	1.584	-0.3	84	-0.06	12.93
52 t	2-Chloronaphthalene	1.377	1.353	1.7	82	-0.07	13.09
53 t	Biphenyl	1.767	1.763	0.2	84	-0.06	13.11
54 t	2-Nitroaniline	0.368	0.425	-15.5	83	-0.06	13.45
55 t	Dimethylphthalate	1.270	1.351	-6.4	85	-0.06	13.95
56 t	Acenaphthylene	2.071	2.058	0.6	83	-0.06	13.99
57 t	2,6-Dinitrotoluene	0.273	0.335	-22.7#	85	-0.06	14.06
	----------	True	Calc.	% Drift	----------		
58 t	3-Nitroaniline	50.000	44.724	10.6	68	-0.06	14.34
	----------	AvgRF	CCRF	% Dev	----------		
59 t	Acenaphthene	1.346	1.348	-0.1	84	-0.06	14.38
	----------	True	Calc.	% Drift	----------		
60 t	2,4-Dinitrophenol	100.000	93.324	6.7	75	-0.05	14.56
	----------	AvgRF	CCRF	% Dev	----------		
61 t	4-Nitrophenol	0.148	0.156	-5.4	74	-0.04	14.81
62 t	Dibenzofuran	1.768	1.759	0.5	84	-0.06	14.72
	----------	True	Calc.	% Drift	----------		
63 t	2,4-Dinitrotoluene	50.000	56.078	-12.2	87	-0.06	14.85
	----------	AvgRF	CCRF	% Dev	----------		
64	2,3,4,6-Tetrachlorophenol	0.272	0.297	-9.2	83	-0.06	15.08
65 t	Diethylphthalate	1.222	1.295	-6.0	84	-0.06	15.38
66 t	Fluorene	1.418	1.439	-1.5	84	-0.06	15.39
67 t	4-Chlorophenyl-phenylethe	0.596	0.626	-5.0	85	-0.06	15.44
68 t	4-Nitroaniline	0.220	0.214	2.7	70	-0.05	15.56
69 I	Phenanthrene-d10	1.000	1.000	0.0	81	-0.06	17.13
	----------	True	Calc.	% Drift	----------		
70 t	4,6-Dinitro-2-methylpheno	50.000	52.212	-4.4	89	-0.06	15.64
	----------	AvgRF	CCRF	% Dev	----------		
71 t	n-Nitrosodiphenylamine	0.623	0.636	-2.1	84	-0.06	15.69
72 t	1,2-Diphenylhydrazine	1.028	0.994	3.3	83	-0.06	15.73
73 S	2,4,6-Tribromophenol	0.099	0.106	-7.1	91	-0.06	15.90
74 t	4-Bromophenyl-phenylether	0.231	0.242	-4.8	86	-0.06	16.34
75 t	Hexachlorobenzene	0.265	0.266	-0.4	87	-0.06	16.59
76 t	Pentachlorophenol	0.131	0.138	-5.3	79	-0.06	16.94
77 t	Phenanthrene	1.374	1.331	3.1	85	-0.06	17.17
78 t	Anthracene	1.369	1.356	0.9	84	-0.06	17.25

Continuing Calibration Summary

Job Number: JA12935
Account: CARICH C. A. Rich Consultants
Project: Via Verde, 700-730 Brook Avenue, Bronx, NY

Sample: ER2652-CC2624
Lab FileID: R71316.D

			True	Calc.	% Drift			
79	t	Carbazole	50.000	59.236	-18.5	103	-0.06	17.58
			AvgRF	CCRF	% Dev			
80	t	Di-n-butylphthalate	1.224	1.361	-11.2	86	-0.06	18.37
81	t	Fluoranthene	1.237	1.285	-3.9	85	-0.06	19.30
82	t	Octadecane	0.623	0.671	-7.7	85	-0.06	17.07
83	I	Chrysene-d12	1.000	1.000	0.0	80	-0.07	21.83
84	t	Pyrene	1.469	1.436	2.2	83	-0.06	19.69
85		Butyl stearate	0.384	0.447	-16.4	87	-0.06	21.05
86	S	Terphenyl-d14	1.018	0.999	1.9	83	-0.06	20.03
87	t	Butylbenzylphthalate	0.534	0.606	-13.5	85	-0.06	20.97
88	t	Benzo[a]anthracene	1.177	1.172	0.4	80	-0.06	21.80
			True	Calc.	% Drift			
89	t	3,3'-Dichlorobenzidine	50.000	47.360	5.3	74	-0.07	21.81
			AvgRF	CCRF	% Dev			
90	t	Chrysene	1.182	1.174	0.7	84	-0.07	21.87
			True	Calc.	% Drift			
91	t	bis(2-Ethylhexyl)phthalat	50.000	54.940	-9.9	86	-0.07	22.03
			AvgRF	CCRF	% Dev			
92	I	Perylene-d12	1.000	1.000	0.0	81	-0.08	24.13
			True	Calc.	% Drift			
93	t	Di-n-octylphthalate	50.000	55.176	-10.4	89	-0.07	23.03
			AvgRF	CCRF	% Dev			
94	t	Benzo[b]fluoranthene	1.138	1.225	-7.6	82	-0.07	23.57
95	t	Benzo[k]fluoranthene	1.361	1.386	-1.8	81	-0.08	23.61
96	t	Benzo[a]pyrene	1.071	1.191	-11.2	83	-0.07	24.05
			True	Calc.	% Drift			
97	t	Indeno[1,2,3-cd]pyrene	50.000	52.132	-4.3	86	-0.12	26.04
98	t	Dibenz(a,h)acridine	50.000	52.221	-4.4	86	-0.11	25.59
99	t	Dibenz[a,h]anthracene	50.000	51.604	-3.2	85	-0.12	26.06
			AvgRF	CCRF	% Dev			
100	t	7,12-Dimethylbenz(a)anthr	0.549	0.560	-2.0	77	-0.07	23.60
101	t	Benzo[g,h,i]perylene	0.892	1.045	-17.2	88	-0.13	26.57

(#) = Out of Range SPCC's out = 0 CCC's out = 0
R70851.D MR2614.M Tue Mar 03 10:52:03 2009 RPT1

7.7

Continuing Calibration Summary

Job Number: JA12935
Account: CARICH C. A. Rich Consultants
Project: Via Verde, 700-730 Brook Avenue, Bronx, NY

Sample: ER2652-CC2617
Lab FileID: R71317.D

Evaluate Continuing Calibration Report

Data File : C:\HPCHEM\1\DATA\ER2652\R71317.D
Acq On : 3 Mar 2009 10:22 am
Sample : cc2617-50
Misc : op36900,er2652,900,,,1,1
MS Integration Params: RTEINT.P

Vial: 3
Operator: vanessan
Inst : MSR
Multiplr: 1.00

Method : C:\HPCHEM\1\METHODS\MR2614.M (RTE Integrator)
Title : Semi Volatile Extractables by GC/MS
Last Update : Fri Feb 27 16:34:40 2009
Response via : Multiple Level Calibration

Min. RRF : 0.050 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.
102 I	1,4-Dichlorobenzene-d4a	1.000	1.000	0.0	135	-0.06	7.55
103	Benzaldehyde	1.101	0.854	22.4#	110	-0.01	6.70
104 I	Acenaphthene-d10a	1.000	1.000	0.0	121	-0.07	14.32
105 I	1,2,4,5-Tetrachlorobenzen	0.585	0.592	-1.2	128	-0.02	12.47
106	Atrazine	0.157	0.170	-8.3	122	-0.29	16.79
107 t	Chrysene-d12a	1.000	1.000	0.0	118	-0.08	21.82
		True	Calc.	% Drift			
108 t	Benzidine	50.000	30.080	39.8#	67	0.00	19.59

(#) = Out of Range SPCC's out = 0 CCC's out = 0
R70851.D MR2614.M Tue Mar 03 10:53:43 2009 RPT1

7.7

Continuing Calibration Summary

Job Number: JA12935
Account: CARICH C. A. Rich Consultants
Project: Via Verde, 700-730 Brook Avenue, Bronx, NY

Sample: ER2653-CC2624
Lab FileID: R71336.D

Evaluate Continuing Calibration Report

Data File : C:\HPCHEM\1\DATA\ER2653\R71336.D
Acq On : 4 Mar 2009 10:15 am
Sample : cc2624-50
Misc : op37066,er2653,1000,,,1,1
MS Integration Params: RTEINT.P

Vial: 2
Operator: vanessan
Inst : MSR
Multiplr: 1.00

Method : C:\HPCHEM\1\METHODS\MR2614.M (RTE Integrator)
Title : Semi Volatile Extractables by GC/MS
Last Update : Fri Feb 27 16:34:40 2009
Response via : Multiple Level Calibration

Min. RRF : 0.050 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	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	95	-0.07	7.54
2	t	1,4-Dioxane	0.680	0.711	-4.6	104	0.00	2.73
3	t	Pyridine	1.713	1.682	1.8	98	0.00	3.15
4	t	N-Nitrosodimethylamine	0.500	0.520	-4.0	95	-0.02	3.16
5	S	2-Fluorophenol	1.422	1.439	-1.2	98	-0.05	5.26
6	t	Indene	2.248	2.161	3.9	97	-0.08	8.12
7	t	Cumene	3.209	3.328	-3.7	105	-0.07	6.08
8	S	Phenol-d5	1.721	1.555	9.6	90	-0.06	7.01
9	t	Phenol	1.904	1.800	5.5	95	-0.06	7.04
10	t	Aniline	1.961	1.559	20.5#	78	-0.07	6.98
11	t	bis(2-Chloroethyl)ether	1.343	1.261	6.1	95	-0.07	7.12
12	t	2-Chlorophenol	1.408	1.356	3.7	94	-0.07	7.20
13	t	Decane	1.792	1.756	2.0	100	-0.07	7.32
14	t	1,3-Dichlorobenzene	1.751	1.733	1.0	100	-0.07	7.46
15	t	1,4-Dichlorobenzene	1.752	1.753	-0.1	101	-0.07	7.57
16	t	Benzyl alcohol	0.906	0.884	2.4	89	-0.07	7.92
17	t	1,2-Dichlorobenzene	1.643	1.594	3.0	98	-0.07	7.95
18	t	Acetophenone	1.881	1.695	9.9	90	-0.07	8.47
19	t	2-Methylphenol	1.228	1.105	10.0	88	-0.07	8.24
20	t	2,2'-oxybis(1-Chloropropa	0.483	0.435	9.9	90	-0.07	8.25
21	t	3&4-Methylphenol	1.268	1.148	9.5	87	-0.07	8.56
22	t	n-Nitroso-di-n-propylamin	0.235	0.236	-0.4	94	-0.07	8.55
23	t	Hexachloroethane	0.469	0.502	-7.0	106	-0.08	8.60
24	I	Naphthalene-d8	1.000	1.000	0.0	87	-0.08	10.31
25	S	Nitrobenzene-d5	0.432	0.437	-1.2	92	-0.08	8.77
26	t	Nitrobenzene	0.207	0.217	-4.8	92	-0.07	8.81
27	t	Quinoline	0.687	0.638	7.1	84	-0.08	11.14
28	t	Isophorone	0.701	0.681	2.9	87	-0.07	9.34
29	t	2-Nitrophenol	0.186	0.214	-15.1	91	-0.08	9.52
30	t	2,4-Dimethylphenol	0.351	0.314	10.5	81	-0.07	9.72
31	t	Benzoic acid	0.216	0.202	6.5	76	-0.05	10.11
32	t	bis(2-Chloroethoxy)methan	0.403	0.390	3.2	87	-0.08	9.90
33	t	2,4-Dichlorophenol	0.288	0.295	-2.4	88	-0.07	10.08
34	t	2,6-Dichlorophenol	0.295	0.294	0.3	89	-0.08	10.59
35	t	1,3,5-Trichlorobenzene	0.355	0.358	-0.8	93	-0.08	9.54
36	t	1,2,4-Trichlorobenzene	0.346	0.340	1.7	91	-0.08	10.24
37	t	1,2,3-Trichlorobenzene	0.324	0.317	2.2	91	-0.08	10.78
38	t	Naphthalene	1.143	1.117	2.3	91	-0.08	10.35
39	t	4-Chloroaniline	0.391	0.316	19.2	66	-0.07	10.59
40	t	2,3-Dichloroaniline	0.338	0.319	5.6	82	-0.08	12.73
41	t	Caprolactam	0.185	0.165	10.8	79	-0.06	11.37

Continuing Calibration Summary

Job Number: JA12935
Account: CARICH C. A. Rich Consultants
Project: Via Verde, 700-730 Brook Avenue, Bronx, NY

Sample: ER2653-CC2624
Lab FileID: R71336.D

42 t	Hexachlorobutadiene	0.175	0.180	-2.9	96	-0.08	10.82
43 t	4-Chloro-3-methylphenol	0.297	0.292	1.7	85	-0.07	11.83
44 t	2-Methylnaphthalene	0.772	0.734	4.9	87	-0.08	11.97
45 t	1-Methylnaphthalene	0.734	0.692	5.7	86	-0.08	12.21
46 t	Dimethylnaphthalene	0.608	0.580	4.6	85	-0.08	13.42
47 I	Acenaphthene-d10	1.000	1.000	0.0	79	-0.08	14.31
		True	Calc.	% Drift			
48 t	Hexachlorocyclopentadiene	100.000	126.557	-26.6#	108	-0.08	12.53
		AvgRF	CCRF	% Dev			
49 t	2,4,6-Trichlorophenol	0.367	0.387	-5.4	85	-0.07	12.75
50 t	2,4,5-Trichlorophenol	0.367	0.409	-11.4	87	-0.07	12.85
51 S	2-Fluorobiphenyl	1.580	1.600	-1.3	86	-0.08	12.92
52 t	2-Chloronaphthalene	1.377	1.388	-0.8	85	-0.08	13.08
53 t	Biphenyl	1.767	1.789	-1.2	86	-0.08	13.09
54 t	2-Nitroaniline	0.368	0.420	-14.1	83	-0.07	13.44
55 t	Dimethylphthalate	1.270	1.303	-2.6	83	-0.07	13.94
56 t	Acenaphthylene	2.071	2.064	0.3	85	-0.08	13.98
57 t	2,6-Dinitrotoluene	0.273	0.326	-19.4	84	-0.08	14.05
		True	Calc.	% Drift			
58 t	3-Nitroaniline	50.000	40.227	19.5	62	-0.07	14.33
		AvgRF	CCRF	% Dev			
59 t	Acenaphthene	1.346	1.332	1.0	84	-0.08	14.37
		True	Calc.	% Drift			
60 t	2,4-Dinitrophenol	100.000	148.020	-48.0#	137	-0.07	14.54
		AvgRF	CCRF	% Dev			
61 t	4-Nitrophenol	0.148	0.135	8.8	65	-0.03	14.82
62 t	Dibenzofuran	1.768	1.733	2.0	84	-0.07	14.70
		True	Calc.	% Drift			
63 t	2,4-Dinitrotoluene	50.000	52.925	-5.8	83	-0.07	14.84
		AvgRF	CCRF	% Dev			
64	2,3,4,6-Tetrachlorophenol	0.272	0.280	-2.9	79	-0.07	15.08
65 t	Diethylphthalate	1.222	1.206	1.3	80	-0.07	15.37
66 t	Fluorene	1.418	1.395	1.6	82	-0.07	15.38
67 t	4-Chlorophenyl-phenylethe	0.596	0.605	-1.5	83	-0.07	15.42
68 t	4-Nitroaniline	0.220	0.197	10.5	65	-0.06	15.56
69 I	Phenanthrene-d10	1.000	1.000	0.0	76	-0.07	17.12
		True	Calc.	% Drift			
70 t	4,6-Dinitro-2-methylpheno	50.000	73.744	-47.5#	127	-0.07	15.63
		AvgRF	CCRF	% Dev			
71 t	n-Nitrosodiphenylamine	0.623	0.651	-4.5	81	-0.08	15.67
72 t	1,2-Diphenylhydrazine	1.028	1.030	-0.2	81	-0.07	15.72
73 S	2,4,6-Tribromophenol	0.099	0.109	-10.1	88	-0.07	15.89
74 t	4-Bromophenyl-phenylether	0.231	0.248	-7.4	83	-0.08	16.33
75 t	Hexachlorobenzene	0.265	0.265	0.0	82	-0.08	16.58
76 t	Pentachlorophenol	0.131	0.138	-5.3	75	-0.08	16.93
77 t	Phenanthrene	1.374	1.333	3.0	80	-0.08	17.16
78 t	Anthracene	1.369	1.365	0.3	80	-0.08	17.24

7.7

7

Continuing Calibration Summary

Job Number: JA12935
Account: CARICH C. A. Rich Consultants
Project: Via Verde, 700-730 Brook Avenue, Bronx, NY

Sample: ER2653-CC2624
Lab FileID: R71336.D

		True	Calc.	% Drift			
79 t	Carbazole	50.000	57.485	-15.0	94	-0.07	17.57
		AvgRF	CCRF	% Dev			
80 t	Di-n-butylphthalate	1.224	1.292	-5.6	77	-0.07	18.36
81 t	Fluoranthene	1.237	1.235	0.2	77	-0.08	19.29
82 t	Octadecane	0.623	0.693	-11.2	83	-0.07	17.06
83 I	Chrysene-d12	1.000	1.000	0.0	71	-0.08	21.81
84 t	Pyrene	1.469	1.491	-1.5	76	-0.08	19.67
85	Butyl stearate	0.384	0.422	-9.9	73	-0.08	21.04
86 S	Terphenyl-d14	1.018	0.996	2.2	74	-0.07	20.02
87 t	Butylbenzylphthalate	0.534	0.580	-8.6	72	-0.08	20.96
88 t	Benzo[a]anthracene	1.177	1.169	0.7	71	-0.08	21.78
90 t	Chrysene	1.182	1.191	-0.8	75	-0.08	21.85
		True	Calc.	% Drift			
91 t	bis(2-Ethylhexyl)phthalat	50.000	50.985	-2.0	71	-0.08	22.02
		AvgRF	CCRF	% Dev			
92 I	Perylene-d12	1.000	1.000	0.0	73	-0.09	24.12
		True	Calc.	% Drift			
93 t	Di-n-octylphthalate	50.000	49.897	0.2	72	-0.08	23.02
		AvgRF	CCRF	% Dev			
94 t	Benzo[b]fluoranthene	1.138	1.200	-5.4	73	-0.08	23.56
95 t	Benzo[k]fluoranthene	1.361	1.374	-1.0	73	-0.09	23.60
96 t	Benzo[a]pyrene	1.071	1.184	-10.6	75	-0.09	24.04
		True	Calc.	% Drift			
97 t	Indeno[1,2,3-cd]pyrene	50.000	52.999	-6.0	79	-0.15	26.01
98 t	Dibenz(a,h)acridine	50.000	51.542	-3.1	77	-0.13	25.57
99 t	Dibenz[a,h]anthracene	50.000	52.271	-4.5	78	-0.14	26.04
		AvgRF	CCRF	% Dev			
100 t	7,12-Dimethylbenz(a)anthr	0.549	0.546	0.5	68	-0.09	23.58
101 t	Benzo[g,h,i]perylene	0.892	1.059	-18.7	81	-0.16	26.55

(#) = Out of Range SPCC's out = 0 CCC's out = 0
R70851.D MR2614.M Wed Mar 04 12:02:48 2009 RPT1

7.7

Continuing Calibration Summary

Job Number: JA12935
Account: CARICH C. A. Rich Consultants
Project: Via Verde, 700-730 Brook Avenue, Bronx, NY

Sample: ER2653-CC2617
Lab FileID: R71337.D

Evaluate Continuing Calibration Report

Data File : C:\HPCHEM\1\DATA\ER2653\R71337.D
Acq On : 4 Mar 2009 10:59 am
Sample : cc2617-50
Misc : op37066,er2653,1000,,,1,1
MS Integration Params: RTEINT.P

Vial: 3
Operator: vanessan
Inst : MSR
Multiplr: 1.00

Method : C:\HPCHEM\1\METHODS\MR2614.M (RTE Integrator)
Title : Semi Volatile Extractables by GC/MS
Last Update : Fri Feb 27 16:34:40 2009
Response via : Multiple Level Calibration

Min. RRF : 0.050 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.
83 I	Chrysene-d12	1.000	1.000	0.0	89	-0.09	21.80
		True	Calc.	% Drift			
89 t	3,3'-Dichlorobenzidine	50.000	45.872	8.3	80	-0.08	21.79
102 I	1,4-Dichlorobenzene-d4a	1.000	1.000	0.0	161	-0.07	7.54
103	Benzaldehyde	1.101	0.834	24.3#	128	-0.03	6.69
104 I	Acenaphthene-d10a	1.000	1.000	0.0	125	-0.08	14.30
105 I	1,2,4,5-Tetrachlorobenzen	0.585	0.625	-6.8	139	-0.03	12.46
106	Atrazine	0.157	0.144	8.3	107	-0.30	16.78

(#) = Out of Range SPCC's out = 0 CCC's out = 0
R70851.D MR2614.M Wed Mar 04 12:07:18 2009 RPT1

7.7

Raw Data: XX84696.D

Method Blank Summary

Job Number: JA12935
Account: CARICH C. A. Rich Consultants
Project: Via Verde, 700-730 Brook Avenue, Bronx, NY

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP37071-MB1	XX84696.D	1	03/03/09	JSE	02/27/09	OP37071	GXX3409

The QC reported here applies to the following samples: Method: SW846 8081A

JA12935-1, JA12935-2, JA12935-3, JA12935-4, JA12935-5, JA12935-6, JA12935-8

CAS No.	Compound	Result	RL	MDL	Units	Q
309-00-2	Aldrin	ND	0.020	0.0017	ug/l	
319-84-6	alpha-BHC	ND	0.020	0.00099	ug/l	
319-85-7	beta-BHC	ND	0.020	0.0035	ug/l	
319-86-8	delta-BHC	ND	0.020	0.0035	ug/l	
58-89-9	gamma-BHC (Lindane)	ND	0.020	0.0011	ug/l	
5103-71-9	alpha-Chlordane	ND	0.020	0.0020	ug/l	
5103-74-2	gamma-Chlordane	ND	0.020	0.0024	ug/l	
60-57-1	Dieldrin	ND	0.020	0.0014	ug/l	
72-54-8	4,4'-DDD	ND	0.020	0.0046	ug/l	
72-55-9	4,4'-DDE	ND	0.020	0.0013	ug/l	
50-29-3	4,4'-DDT	ND	0.020	0.0035	ug/l	
72-20-8	Endrin	ND	0.020	0.0031	ug/l	
1031-07-8	Endosulfan sulfate	ND	0.020	0.0026	ug/l	
7421-93-4	Endrin aldehyde	ND	0.020	0.0037	ug/l	
53494-70-5	Endrin ketone	ND	0.020	0.0026	ug/l	
959-98-8	Endosulfan-I	ND	0.020	0.0018	ug/l	
33213-65-9	Endosulfan-II	ND	0.020	0.0035	ug/l	
76-44-8	Heptachlor	ND	0.020	0.0020	ug/l	
1024-57-3	Heptachlor epoxide	ND	0.020	0.0016	ug/l	
72-43-5	Methoxychlor	ND	0.020	0.0068	ug/l	
8001-35-2	Toxaphene	ND	0.25	0.21	ug/l	

CAS No.	Surrogate Recoveries		Limits
877-09-8	Tetrachloro-m-xylene	74%	24-127%
877-09-8	Tetrachloro-m-xylene	65%	24-127%
2051-24-3	Decachlorobiphenyl	69%	7-131%
2051-24-3	Decachlorobiphenyl	69%	7-131%

Raw Data: AB79920.D

Method Blank Summary

Job Number: JA12935
Account: CARICH C. A. Rich Consultants
Project: Via Verde, 700-730 Brook Avenue, Bronx, NY

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP37070-MB1	AB79920.D	1	03/02/09	JSE	02/27/09	OP37070	GAB5224

The QC reported here applies to the following samples: Method: SW846 8082

JA12935-1, JA12935-2, JA12935-3, JA12935-4, JA12935-5, JA12935-6, JA12935-8

CAS No.	Compound	Result	RL	MDL	Units	Q
12674-11-2	Aroclor 1016	ND	0.50	0.19	ug/l	
11104-28-2	Aroclor 1221	ND	0.50	0.31	ug/l	
11141-16-5	Aroclor 1232	ND	0.50	0.21	ug/l	
53469-21-9	Aroclor 1242	ND	0.50	0.089	ug/l	
12672-29-6	Aroclor 1248	ND	0.50	0.25	ug/l	
11097-69-1	Aroclor 1254	ND	0.50	0.11	ug/l	
11096-82-5	Aroclor 1260	ND	0.50	0.14	ug/l	

CAS No.	Surrogate Recoveries		Limits
877-09-8	Tetrachloro-m-xylene	86%	30-140%
877-09-8	Tetrachloro-m-xylene	70%	30-140%
2051-24-3	Decachlorobiphenyl	88%	10-142%
2051-24-3	Decachlorobiphenyl	63%	10-142%

Raw Data: XX84673.D

Blank Spike Summary

Job Number: JA12935
Account: CARICH C. A. Rich Consultants
Project: Via Verde, 700-730 Brook Avenue, Bronx, NY

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP37071-BS1	XX84673.D	1	03/02/09	JSE	02/27/09	OP37071	GXX3408

The QC reported here applies to the following samples: Method: SW846 8081A

JA12935-1, JA12935-2, JA12935-3, JA12935-4, JA12935-5, JA12935-6, JA12935-8

CAS No.	Compound	Spike ug/l	BSP ug/l	BSP %	Limits
309-00-2	Aldrin	0.25	0.18	72	37-130
319-84-6	alpha-BHC	0.25	0.17	68	57-137
319-85-7	beta-BHC	0.25	0.18	72	64-133
319-86-8	delta-BHC	0.25	0.14	56	38-140
58-89-9	gamma-BHC (Lindane)	0.25	0.18	72	60-137
5103-71-9	alpha-Chlordane	0.25	0.22	88	60-135
5103-74-2	gamma-Chlordane	0.25	0.22	88	58-135
60-57-1	Dieldrin	0.25	0.23	92	65-142
72-54-8	4,4'-DDD	0.25	0.22	88 [a]	67-144
72-55-9	4,4'-DDE	0.25	0.23	92	60-139
50-29-3	4,4'-DDT	0.25	0.26	104	63-142
72-20-8	Endrin	0.25	0.24	96 [a]	61-145
1031-07-8	Endosulfan sulfate	0.25	0.22	88	68-142
7421-93-4	Endrin aldehyde	0.25	0.19	76	61-130
53494-70-5	Endrin ketone	0.25	0.23	92	65-144
959-98-8	Endosulfan-I	0.25	0.22	88	62-135
33213-65-9	Endosulfan-II	0.25	0.23	92	66-138
76-44-8	Heptachlor	0.25	0.17	68	50-131
1024-57-3	Heptachlor epoxide	0.25	0.20	80	62-137
72-43-5	Methoxychlor	0.25	0.24	96	67-147

CAS No.	Surrogate Recoveries	BSP	Limits
877-09-8	Tetrachloro-m-xylene	69%	24-127%
877-09-8	Tetrachloro-m-xylene	61%	24-127%
2051-24-3	Decachlorobiphenyl	81%	7-131%
2051-24-3	Decachlorobiphenyl	81%	7-131%

(a) Reported from 1st signal. %D of check on 2nd signal exceed method criteria (15%) so using for confirmation only.

Raw Data: AB79917.D

Blank Spike Summary

Job Number: JA12935
Account: CARICH C. A. Rich Consultants
Project: Via Verde, 700-730 Brook Avenue, Bronx, NY

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP37070-BS1	AB79917.D	1	03/02/09	JSE	02/27/09	OP37070	GAB5224

The QC reported here applies to the following samples: Method: SW846 8082

JA12935-1, JA12935-2, JA12935-3, JA12935-4, JA12935-5, JA12935-6, JA12935-8

CAS No.	Compound	Spike ug/l	BSP ug/l	BSP %	Limits
12674-11-2	Aroclor 1016	2	2.0	100	73-156
11104-28-2	Aroclor 1221		ND		70-130
11141-16-5	Aroclor 1232		ND		70-130
53469-21-9	Aroclor 1242		ND		70-130
12672-29-6	Aroclor 1248		ND		70-130
11097-69-1	Aroclor 1254		ND		70-130
11096-82-5	Aroclor 1260	2	2.0	100	65-145

CAS No.	Surrogate Recoveries	BSP	Limits
877-09-8	Tetrachloro-m-xylene	87%	30-140%
877-09-8	Tetrachloro-m-xylene	76%	30-140%
2051-24-3	Decachlorobiphenyl	84%	10-142%
2051-24-3	Decachlorobiphenyl	80%	10-142%

9.2
9

Raw Data: XX84674.D XX84675.D

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: JA12935
Account: CARICH C. A. Rich Consultants
Project: Via Verde, 700-730 Brook Avenue, Bronx, NY

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP37071-MS	XX84674.D	1	03/02/09	JSE	02/27/09	OP37071	GXX3408
OP37071-MSD	XX84675.D	1	03/02/09	JSE	02/27/09	OP37071	GXX3408
JA12935-1	XX84676.D	1	03/02/09	JSE	02/27/09	OP37071	GXX3408

The QC reported here applies to the following samples: Method: SW846 8081A

JA12935-1, JA12935-2, JA12935-3, JA12935-4, JA12935-5, JA12935-6, JA12935-8

CAS No.	Compound	JA12935-1 ug/l	Q	Spike ug/l	MS ug/l	MS %	MSD ug/l	MSD %	RPD	Limits Rec/RPD
309-00-2	Aldrin	ND		1.086	1.2	110 [a]	0.96	88 [a]	22	30-131/39
319-84-6	alpha-BHC	ND		1.086	1.1	101 [a]	0.88	81 [a]	22	38-144/38
319-85-7	beta-BHC	ND		1.086	1.1	101 [a]	0.86	79 [a]	24	48-143/33
319-86-8	delta-BHC	ND		1.086	0.91	83 [a]	0.69	63 [a]	28	23-150/41
58-89-9	gamma-BHC (Lindane)	ND		1.086	1.1	101 [a]	0.86	79 [a]	24	36-150/33
5103-71-9	alpha-Chlordane	ND		1.086	1.1	101 [a]	0.86	79 [a]	24	40-145/31
5103-74-2	gamma-Chlordane	ND		1.086	1.1	101 [a]	0.84	78 [a]	27	39-142/33
60-57-1	Dieldrin	ND		1.086	1.2	110 [a]	0.88	81 [a]	31* [b]	46-149/30
72-54-8	4,4'-DDD	ND		1.086	1.1	101 [a]	0.87	80 [a]	23	42-161/31
72-55-9	4,4'-DDE	ND		1.086	1.1	101 [a]	0.82	75 [a]	29	34-149/31
50-29-3	4,4'-DDT	ND		1.086	1.3	120 [a]	0.96	88 [a]	30	43-150/34
72-20-8	Endrin	ND		1.086	1.2	110 [a]	0.89	82 [a]	30	44-153/32
1031-07-8	Endosulfan sulfate	ND		1.086	1.1	101 [a]	0.87	80 [a]	23	45-156/36
7421-93-4	Endrin aldehyde	ND		1.086	1.1	101 [a]	0.84	77 [a]	27	39-142/39
53494-70-5	Endrin ketone	ND		1.086	1.1	101 [a]	0.86	79 [a]	24	44-158/29
959-98-8	Endosulfan-I	ND		1.086	1.1	101 [a]	0.87	80 [a]	23	39-145/30
33213-65-9	Endosulfan-II	ND		1.086	1.1	101 [a]	0.87	80 [a]	23	44-146/32
76-44-8	Heptachlor	ND		1.086	1.0	92 [a]	0.80	74 [a]	22	37-133/38
1024-57-3	Heptachlor epoxide	ND		1.086	1.1	101 [a]	0.87	80 [a]	23	38-148/34
72-43-5	Methoxychlor	ND		1.086	1.1	101 [a]	0.90	84 [a]	20	45-160/36
8001-35-2	Toxaphene	ND			ND		ND		nc	50-150/8

CAS No.	Surrogate Recoveries	MS	MSD	JA12935-1	Limits
877-09-8	Tetrachloro-m-xylene	95% [a]	75% [a]	72%	24-127%
877-09-8	Tetrachloro-m-xylene	84% [a]	66% [a]	65%	24-127%
2051-24-3	Decachlorobiphenyl	57% [a]	46% [a]	45%	7-131%
2051-24-3	Decachlorobiphenyl	61% [a]	46% [a]	48%	7-131%

(a) Double spiked.
(b) Analytical precision exceeds standard laboratory control limits.

Raw Data: AB79923.D AB79924.D

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: JA12935
Account: CARICH C. A. Rich Consultants
Project: Via Verde, 700-730 Brook Avenue, Bronx, NY

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP37070-MS	AB79923.D	1	03/02/09	JSE	02/27/09	OP37070	GAB5224
OP37070-MSD	AB79924.D	1	03/02/09	JSE	02/27/09	OP37070	GAB5224
JA12935-1	AB79925.D	1	03/02/09	JSE	02/27/09	OP37070	GAB5224

The QC reported here applies to the following samples: Method: SW846 8082

JA12935-1, JA12935-2, JA12935-3, JA12935-4, JA12935-5, JA12935-6, JA12935-8

CAS No.	Compound	JA12935-1 ug/l	Q	Spike ug/l	MS ug/l	MS %	MSD ug/l	MSD %	RPD	Limits Rec/RPD
12674-11-2	Aroclor 1016	ND		4.44	4.9	110	7.5	169* [a]	42	54-165/43
11104-28-2	Aroclor 1221	ND			ND		ND		nc	70-130/30
11141-16-5	Aroclor 1232	ND			ND		ND		nc	70-130/30
53469-21-9	Aroclor 1242	ND			ND		ND		nc	70-130/30
12672-29-6	Aroclor 1248	ND			ND		ND		nc	70-130/30
11097-69-1	Aroclor 1254	ND			ND		ND		nc	70-130/30
11096-82-5	Aroclor 1260	ND		4.44	4.3	97	6.9	155* [a]	46* [b]	41-151/42

CAS No.	Surrogate Recoveries	MS	MSD	JA12935-1	Limits
877-09-8	Tetrachloro-m-xylene	79%	125%	133%	30-140%
877-09-8	Tetrachloro-m-xylene	64%	106%	114%	30-140%
2051-24-3	Decachlorobiphenyl	57%	96%	99%	10-142%
2051-24-3	Decachlorobiphenyl	50%	87%	97%	10-142%

(a) Outside control limits due to possible extract concentrated.
(b) Analytical precision exceeds standard laboratory control limits.

DDT/Endrin Breakdown Check

Job Number: JA12935
Account: CARICH C. A. Rich Consultants
Project: Via Verde, 700-730 Brook Avenue, Bronx, NY

Sample:	GXX3399-DDT1	Injection Date:	02/20/09
Lab File ID:	XX84454.D	Injection Time:	16:40
Instrument ID:	GCXX		

Compound	Response Signal 1	Response Signal 2
4,4'-DDD	1553927	7269520
4,4'-DDE	222969	2241603
4,4'-DDT	68648738	251912943
DDT Breakdown [a]	2.5 %	3.6 %
Endrin aldehyde	91009	514379
Endrin ketone	1054244	5575890
Endrin	40519287	165132552
Endrin Breakdown [b]	2.7 %	3.6 %

(a) Calculated as: (DDD + DDE) / (DDD + DDE + DDT) x 100
(b) Calculated as: (Endrin Aldehyde + Endrin Ketone) / (Endrin Aldehyde + Endrin Ketone + Endrin) x 100

9.4 9

This check applies to the following Samples, MS, MSD, Blanks, and Standards:

Lab Sample ID	Lab File ID	Date Analyzed	Time Analyzed	Hours Lapsed	Client Sample ID
GXX3399-IC3399	XX84456.D	02/20/09	17:16	00:36	Initial cal 2
GXX3399-IC3399	XX84457.D	02/20/09	17:38	00:58	Initial cal 5
GXX3399-IC3399	XX84458.D	02/20/09	17:52	01:12	Initial cal 10
GXX3399-ICC3399	XX84459.D	02/20/09	18:14	01:34	Initial cal 25
GXX3399-IC3399	XX84460.D	02/20/09	18:35	01:55	Initial cal 50
GXX3399-IC3399	XX84461.D	02/20/09	18:50	02:10	Initial cal 100
GXX3399-IC3399	XX84462.D	02/20/09	19:11	02:31	Initial cal 500
GXX3399-IC3399	XX84463.D	02/20/09	19:33	02:53	Initial cal 500
GXX3399-ICV3399	XX84464.D	02/20/09	19:48	03:08	Initial cal verification 25
GXX3400-CC3399	XX84465.D	02/20/09	20:09	03:29	Continuing cal 10
OP36972-MB1	XX84467.D	02/20/09	20:45	04:05	Method Blank
OP36972-BS1	XX84468.D	02/20/09	21:07	04:27	Blank Spike
OP36972-LB8	XX84469.D	02/20/09	21:21	04:41	Leachate Blank
OP36972-LB9	XX84470.D	02/20/09	21:43	05:03	Leachate Blank
OP36972-LB10	XX84471.D	02/20/09	22:05	05:25	Leachate Blank
OP36972-LS4	XX84472.D	02/20/09	22:19	05:39	Leachate Spike
OP36972-LS5	XX84473.D	02/20/09	22:41	06:01	Leachate Spike
ZZZZZZ	XX84474.D	02/20/09	22:55	06:15	(unrelated sample)
GXX3400-CC3399	XX84475.D	02/20/09	23:39	06:59	Continuing cal 25
ZZZZZZ	XX84477.D	02/21/09	00:15	07:35	(unrelated sample)
ZZZZZZ	XX84478.D	02/21/09	00:29	07:49	(unrelated sample)
ZZZZZZ	XX84479.D	02/21/09	00:51	08:11	(unrelated sample)
ZZZZZZ	XX84480.D	02/21/09	01:12	08:32	(unrelated sample)
OP36946-MB1	XX84481.D	02/21/09	01:27	08:47	Method Blank

DDT/Endrin Breakdown Check

Job Number: JA12935
Account: CARICH C. A. Rich Consultants
Project: Via Verde, 700-730 Brook Avenue, Bronx, NY

Sample:	GXX3399-DDT1	Injection Date:	02/20/09
Lab File ID:	XX84454.D	Injection Time:	16:40
Instrument ID:	GCXX		

Lab Sample ID	Lab File ID	Date Analyzed	Time Analyzed	Hours Lapsed	Client Sample ID
OP36946-BS1	XX84482.D	02/21/09	01:48	09:08	Blank Spike
ZZZZZZ	XX84483.D	02/21/09	02:10	09:30	(unrelated sample)
OP36946-MS	XX84484.D	02/21/09	02:25	09:45	Matrix Spike
OP36946-MSD	XX84485.D	02/21/09	02:46	10:06	Matrix Spike Duplicate
GXX3400-ECC3399	XX84486.D	02/21/09	03:37	10:57	Ending cal 10
GXX3401-CC3399	XX84488.D	02/21/09	11:01	18:21	Continuing cal 25

Raw Data: XX84662.D

DDT/Endrin Breakdown Check

Job Number: JA12935
Account: CARICH C. A. Rich Consultants
Project: Via Verde, 700-730 Brook Avenue, Bronx, NY

Sample:	GXX3408-DDT1	Injection Date:	03/02/09
Lab File ID:	XX84662.D	Injection Time:	13:35
Instrument ID:	GCXX		

Compound	Response Signal 1	Response Signal 2
4,4'-DDD	2161213	11836370
4,4'-DDE	780337	5668429
4,4'-DDT	56004086	194723527
DDT Breakdown [a]	5 %	8.2 %
Endrin aldehyde	70415	260851
Endrin ketone	1864088	12898251
Endrin	38124998	128101094
Endrin Breakdown [b]	4.8 %	9.3 %

(a) Calculated as: (DDD + DDE) / (DDD + DDE + DDT) x 100
(b) Calculated as: (Endrin Aldehyde + Endrin Ketone) / (Endrin Aldehyde + Endrin Ketone + Endrin) x 100

This check applies to the following Samples, MS, MSD, Blanks, and Standards:

Lab Sample ID	Lab File ID	Date Analyzed	Time Analyzed	Hours Lapsed	Client Sample ID
JA12935-3	XX84664.D	03/02/09	14:11	00:36	MW-3
JA12935-5	XX84665.D	03/02/09	14:32	00:57	MW-1
JA12935-6	XX84666.D	03/02/09	14:54	01:19	MW-X
JA12935-2	XX84667.D	03/02/09	15:23	01:48	MW-4
ZZZZZZ	XX84668.D	03/02/09	15:39	02:04	(unrelated sample)
GXX3408-CC3399	XX84669.D	03/02/09	16:55	03:20	Continuing cal 50

9.4

Raw Data: XX84670.D

DDT/Endrin Breakdown Check

Job Number: JA12935
Account: CARICH C. A. Rich Consultants
Project: Via Verde, 700-730 Brook Avenue, Bronx, NY

Sample:	GXX3408-DDT2	Injection Date:	03/02/09
Lab File ID:	XX84670.D	Injection Time:	17:09
Instrument ID:	GCXX		

Compound	Response Signal 1	Response Signal 2
4,4'-DDD	1765050	13745496
4,4'-DDE	577184	4273739
4,4'-DDT	58389035	204395265
DDT Breakdown [a]	3.9 %	8.1 %
Endrin aldehyde	85614	357836
Endrin ketone	2013352	13195173
Endrin	38838146	132104801
Endrin Breakdown [b]	5.1 %	9.3 %

(a) Calculated as: (DDD + DDE) / (DDD + DDE + DDT) x 100
(b) Calculated as: (Endrin Aldehyde + Endrin Ketone) / (Endrin Aldehyde + Endrin Ketone + Endrin) x 100

9.4 9

This check applies to the following Samples, MS, MSD, Blanks, and Standards:

Lab Sample ID	Lab File ID	Date Analyzed	Time Analyzed	Hours Lapsed	Client Sample ID
OP37071-BS1	XX84673.D	03/02/09	18:10	01:01	Blank Spike
OP37071-MS	XX84674.D	03/02/09	18:25	01:16	Matrix Spike
OP37071-MSD	XX84675.D	03/02/09	18:46	01:37	Matrix Spike Duplicate
JA12935-1	XX84676.D	03/02/09	19:08	01:59	MW-5
JA12935-4	XX84677.D	03/02/09	19:23	02:14	MW-2
JA12935-8	XX84678.D	03/02/09	19:44	02:35	FIELD BLANK 2/25
ZZZZZZ	XX84679.D	03/02/09	20:06	02:57	(unrelated sample)
GXX3408-CC3399	XX84680.D	03/02/09	20:42	03:33	Continuing cal 25
ZZZZZZ	XX84682.D	03/02/09	21:16	04:07	(unrelated sample)
ZZZZZZ	XX84683.D	03/02/09	21:38	04:29	(unrelated sample)
ZZZZZZ	XX84684.D	03/02/09	21:59	04:50	(unrelated sample)
ZZZZZZ	XX84685.D	03/02/09	22:14	05:05	(unrelated sample)
ZZZZZZ	XX84686.D	03/02/09	22:36	05:27	(unrelated sample)
ZZZZZZ	XX84687.D	03/02/09	22:50	05:41	(unrelated sample)
ZZZZZZ	XX84688.D	03/02/09	23:12	06:03	(unrelated sample)
ZZZZZZ	XX84689.D	03/02/09	23:33	06:24	(unrelated sample)
ZZZZZZ	XX84690.D	03/02/09	23:48	06:39	(unrelated sample)
GXX3408-ECC3399	XX84691.D	03/03/09	00:31	07:22	Ending cal 50
GXX3409-CC3399	XX84693.D	03/03/09	11:07	17:58	Continuing cal 25

DDT/Endrin Breakdown Check

Job Number: JA12935
Account: CARICH C. A. Rich Consultants
Project: Via Verde, 700-730 Brook Avenue, Bronx, NY

Sample:	GXX3409-DDT1	Injection Date:	03/03/09
Lab File ID:	XX84694.D	Injection Time:	11:36
Instrument ID:	GCXX		

Compound	Response Signal 1	Response Signal 2
4,4'-DDD	1754826	14044987
4,4'-DDE	1058665	4350582
4,4'-DDT	57255854	201062142
DDT Breakdown [a]	4.7 %	8.4 %
Endrin aldehyde	145473	697026
Endrin ketone	1574692	10446554
Endrin	36663891	145637016
Endrin Breakdown [b]	4.5 %	7.1 %

(a) Calculated as: (DDD + DDE) / (DDD + DDE + DDT) x 100
(b) Calculated as: (Endrin Aldehyde + Endrin Ketone) / (Endrin Aldehyde + Endrin Ketone + Endrin) x 100

9.4 9

This check applies to the following Samples, MS, MSD, Blanks, and Standards:

Lab Sample ID	Lab File ID	Date Analyzed	Time Analyzed	Hours Lapsed	Client Sample ID
OP37071-MB1	XX84696.D	03/03/09	12:14	00:38	Method Blank
OP37048-MB2	XX84697.D	03/03/09	12:35	00:59	Method Blank
OP37048-BS2	XX84698.D	03/03/09	12:51	01:15	Blank Spike
ZZZZZZ	XX84699.D	03/03/09	13:12	01:36	(unrelated sample)
ZZZZZZ	XX84700.D	03/03/09	13:34	01:58	(unrelated sample)
ZZZZZZ	XX84701.D	03/03/09	13:48	02:12	(unrelated sample)
ZZZZZZ	XX84702.D	03/03/09	14:10	02:34	(unrelated sample)
ZZZZZZ	XX84703.D	03/03/09	14:32	02:56	(unrelated sample)
GXX3409-CC3399	XX84704.D	03/03/09	16:41	05:05	Continuing cal 50

Semivolatile Surrogate Recovery Summary

Job Number: JA12935
Account: CARICH C. A. Rich Consultants
Project: Via Verde, 700-730 Brook Avenue, Bronx, NY

Method: SW846 8081A Matrix: AQ

Samples and QC shown here apply to the above method

Lab Sample ID	Lab File ID	S1 [a]	S1 [b]	S2 [a]	S2 [b]
JA12935-1	XX84676.D	72.0	65.0	45.0	48.0
JA12935-2	XX84667.D	75.0	68.0	39.0	45.0
JA12935-3	XX84664.D	82.0	76.0	57.0	61.0
JA12935-4	XX84677.D	61.0	53.0	54.0	55.0
JA12935-5	XX84665.D	84.0	54.0	44.0	44.0
JA12935-6	XX84666.D	73.0	45.0	39.0	24.0
JA12935-8	XX84678.D	84.0	75.0	43.0	43.0
OP37071-BS1	XX84673.D	69.0	61.0	81.0	81.0
OP37071-MB1	XX84696.D	74.0	65.0	69.0	69.0
OP37071-MS	XX84674.D	95.0 [c]	84.0 [c]	57.0 [c]	61.0 [c]
OP37071-MSD	XX84675.D	75.0 [c]	66.0 [c]	46.0 [c]	46.0 [c]

Surrogate Compounds	Recovery Limits
S1 = Tetrachloro-m-xylene	24-127%
S2 = Decachlorobiphenyl	7-131%

(a) Recovery from GC signal #1
(b) Recovery from GC signal #2
(c) Double spiked.

Semivolatile Surrogate Recovery Summary

Job Number: JA12935
Account: CARICH C. A. Rich Consultants
Project: Via Verde, 700-730 Brook Avenue, Bronx, NY

Method: SW846 8082 Matrix: AQ

Samples and QC shown here apply to the above method

Lab Sample ID	Lab File ID	S1 [a]	S1 [b]	S2 [a]	S2 [b]
JA12935-1	AB79925.D	133.0	114.0	99.0	97.0
JA12935-2	AB79926.D	128.0	111.0	84.0	86.0
JA12935-3	AB79929.D	94.0	77.0	83.0	69.0
JA12935-4	AB79927.D	71.0	52.0	66.0	58.0
JA12935-5	AB79915.D	86.0	64.0	222.0* [c]	52.0
JA12935-6	AB79914.D	70.0	47.0	46.0	31.0
JA12935-8	AB79928.D	87.0	70.0	52.0	56.0
OP37070-BS1	AB79917.D	87.0	76.0	84.0	80.0
OP37070-MB1	AB79920.D	86.0	70.0	88.0	63.0
OP37070-MS	AB79923.D	79.0	64.0	57.0	50.0
OP37070-MSD	AB79924.D	125.0	106.0	96.0	87.0

Surrogate Compounds	Recovery Limits
S1 = Tetrachloro-m-xylene	30-140%
S2 = Decachlorobiphenyl	10-142%

(a) Recovery from GC signal #1
(b) Recovery from GC signal #2
(c) Outside control limits due to matrix interference.

Prep Log: MP47374

BLANK RESULTS SUMMARY
Part 2 - Method Blanks

Login Number: JA12935
Account: CARICH - C. A. Rich Consultants
Project: Via Verde, 700-730 Brook Avenue, Bronx, NY

QC Batch ID: MP47374
Matrix Type: AQUEOUS

Methods: SW846 6010B
Units: ug/l

Prep Date: 03/02/09

Metal	RL	IDL	MB raw	final
Aluminum	200	21	-25	<200
Antimony	6.0	2	1.3	<6.0
Arsenic	3.0	1.3	-1.6	<3.0
Barium	200	.8	-0.10	<200
Beryllium	1.0	.2	-0.40	<1.0
Boron	100	.6		
Cadmium	3.0	.3	0.0	<3.0
Calcium	5000	51	5.1	<5000
Chromium	10	.5	-0.40	<10
Cobalt	50	.2	-0.50	<50
Copper	10	.6	2.1	<10
Iron	100	4.1	-5.8	<100
Lead	3.0	1.5	0.40	<3.0
Magnesium	5000	42	-2.0	<5000
Manganese	15	.2	-0.40	<15
Molybdenum	20	.4	anr	
Nickel	10	.4	-0.30	<10
Palladium	50	2.6		
Potassium	10000	72	-47	<10000
Selenium	10	2.7	-0.10	<10
Silicon	200	9.5		
Silver	10	.5	-0.10	<10
Sodium	10000	20	-1.2	<10000
Strontium	10	.2		
Thallium	2.0	1.1	-2.7	<10
Tin	10	.5		
Titanium	10	.5		
Tungsten	50	2.6		
Vanadium	50	.3	-0.50	<50
Zinc	20	.4	0.70	<20

Associated samples MP47374: JA12935-1, JA12935-2, JA12935-3, JA12935-4, JA12935-5, JA12935-6, JA12935-8, JA12935-1F, JA12935-2F, JA12935-3F, JA12935-4F, JA12935-5F, JA12935-6F, JA12935-8F

Results < IDL are shown as zero for calculation purposes
(*) Outside of QC limits
(anr) Analyte not requested

MATRIX SPIKE AND DUPLICATE RESULTS SUMMARY

Login Number: JA12935
Account: CARICH - C. A. Rich Consultants
Project: Via Verde, 700-730 Brook Avenue, Bronx, NY

QC Batch ID: MP47374
Matrix Type: AQUEOUS

Methods: SW846 6010B
Units: ug/l

Prep Date: 03/02/09

Metal	JA12935-1 Original	MS	Spikelot MPIOW4	% Rec	QC Limits
Aluminum	4970	7840	2000	143.5N(a	75-125
Antimony	0.0	462	500	92.4	75-125
Arsenic	0.0	1830	2000	91.5	75-125
Barium	134	1940	2000	90.3	75-125
Beryllium	0.0	43.2	50	86.4	75-125
Boron					
Cadmium	0.0	44.3	50	88.6	75-125
Calcium	103000	125000	25000	88.0	75-125
Chromium	12.4	197	200	92.3	75-125
Cobalt	5.1	457	500	90.4	75-125
Copper	68.8	286	250	86.9	75-125
Iron	9180	10000	1000	82.0	75-125
Lead	8.0	427	500	83.8	75-125
Magnesium	29800	52100	25000	89.2	75-125
Manganese	381	835	500	90.8	75-125
Molybdenum	anr				
Nickel	13.3	472	500	91.7	75-125
Palladium					
Potassium	5240	28300	25000	92.2	75-125
Selenium	0.0	1820	2000	91.0	75-125
Silicon					
Silver	0.0	46.2	50	92.4	75-125
Sodium	69800	92500	25000	90.8	75-125
Strontium					
Thallium	1.5	1740	2000	86.9	75-125
Tin					
Titanium					
Tungsten					
Vanadium	12.4	457	500	88.9	75-125
Zinc	46.6	507	500	92.1	75-125

Associated samples MP47374: JA12935-1, JA12935-2, JA12935-3, JA12935-4, JA12935-5, JA12935-6, JA12935-8, JA12935-1F, JA12935-2F, JA12935-3F, JA12935-4F, JA12935-5F, JA12935-6F, JA12935-8F

Results < IDL are shown as zero for calculation purposes
(*) Outside of QC limits
(N) Matrix Spike Rec. outside of QC limits

MATRIX SPIKE AND DUPLICATE RESULTS SUMMARY

Login Number: JA12935
Account: CARICH - C. A. Rich Consultants
Project: Via Verde, 700-730 Brook Avenue, Bronx, NY

QC Batch ID: MP47374
Matrix Type: AQUEOUS

Methods: SW846 6010B
Units: ug/l

Prep Date:

Metal

(anr) Analyte not requested
(a) Spike recovery indicates possible matrix interference.

11.4.2 11

MATRIX SPIKE AND DUPLICATE RESULTS SUMMARY

Login Number: JA12935
Account: CARICH - C. A. Rich Consultants
Project: Via Verde, 700-730 Brook Avenue, Bronx, NY

QC Batch ID: MP47374
Matrix Type: AQUEOUS

Methods: SW846 6010B
Units: ug/l

Prep Date: 03/02/09

Metal	JA12935-1 Original	MSD	Spikelot MPIOW4	% Rec	MSD RPD	QC Limit
Aluminum	4970	8000	2000	151.5N(a	2.0	20
Antimony	0.0	478	500	95.6	3.4	20
Arsenic	0.0	1900	2000	95.0	3.8	20
Barium	134	2010	2000	93.8	3.5	20
Beryllium	0.0	44.9	50	89.8	3.9	20
Boron						
Cadmium	0.0	47.0	50	94.0	5.9	20
Calcium	103000	130000	25000	108.0	3.9	20
Chromium	12.4	198	200	92.8	0.5	20
Cobalt	5.1	473	500	93.6	3.4	20
Copper	68.8	302	250	93.3	5.4	20
Iron	9180	10400	1000	122.0	3.9	20
Lead	8.0	437	500	85.8	2.3	20
Magnesium	29800	53900	25000	96.4	3.4	20
Manganese	381	840	500	91.8	0.6	20
Molybdenum	anr					
Nickel	13.3	489	500	95.1	3.5	20
Palladium						
Potassium	5240	29100	25000	95.4	2.8	20
Selenium	0.0	1900	2000	95.0	4.3	20
Silicon						
Silver	0.0	47.7	50	95.4	3.2	20
Sodium	69800	96200	25000	105.6	3.9	20
Strontium						
Thallium	1.5	1780	2000	88.9	2.3	20
Tin						
Titanium						
Tungsten						
Vanadium	12.4	460	500	89.5	0.7	20
Zinc	46.6	516	500	93.9	1.8	20

Associated samples MP47374: JA12935-1, JA12935-2, JA12935-3, JA12935-4, JA12935-5, JA12935-6, JA12935-8, JA12935-1F, JA12935-2F, JA12935-3F, JA12935-4F, JA12935-5F, JA12935-6F, JA12935-8F

Results < IDL are shown as zero for calculation purposes
(*) Outside of QC limits
(N) Matrix Spike Rec. outside of QC limits

MATRIX SPIKE AND DUPLICATE RESULTS SUMMARY

Login Number: JA12935
Account: CARICH - C. A. Rich Consultants
Project: Via Verde, 700-730 Brook Avenue, Bronx, NY

QC Batch ID: MP47374
Matrix Type: AQUEOUS

Methods: SW846 6010B
Units: ug/l

Prep Date:

Metal

(anr) Analyte not requested
(a) Spike recovery indicates possible matrix interference.

11.4.2 11

MATRIX SPIKE AND DUPLICATE RESULTS SUMMARY

Login Number: JA12935
Account: CARICH - C. A. Rich Consultants
Project: Via Verde, 700-730 Brook Avenue, Bronx, NY

QC Batch ID: MP47374
Matrix Type: AQUEOUS

Methods: SW846 6010B
Units: ug/l

Prep Date: 03/02/09

Metal	JA12935-1F Original	MS	Spikelot MPIOW4	% Rec	QC Limits
Aluminum	122	2110	2000	99.4	75-125
Antimony	0.0	511	500	102.2	75-125
Arsenic	0.0	2020	2000	101.0	75-125
Barium	88.3	2070	2000	99.1	75-125
Beryllium	0.0	47.1	50	94.2	75-125
Boron					
Cadmium	0.0	51.2	50	102.4	75-125
Calcium	100000	128000	25000	112.0	75-125
Chromium	0.0	202	200	101.0	75-125
Cobalt	0.0	500	500	100.0	75-125
Copper	4.4	244	250	95.8	75-125
Iron	120	1210	1000	109.0	75-125
Lead	1.5	470	500	93.7	75-125
Magnesium	24800	50100	25000	101.2	75-125
Manganese	21.6	531	500	101.9	75-125
Molybdenum	anr				
Nickel	1.0	508	500	101.4	75-125
Palladium					
Potassium	4270	29300	25000	100.1	75-125
Selenium	5.3	2010	2000	100.2	75-125
Silicon					
Silver	0.0	51.6	50	103.2	75-125
Sodium	70800	99000	25000	112.8	75-125
Strontium					
Thallium	0.0	1860	2000	93.0	75-125
Tin					
Titanium					
Tungsten					
Vanadium	0.0	492	500	98.4	75-125
Zinc	2.3	498	500	99.1	75-125

Associated samples MP47374: JA12935-1, JA12935-2, JA12935-3, JA12935-4, JA12935-5, JA12935-6, JA12935-8, JA12935-1F, JA12935-2F, JA12935-3F, JA12935-4F, JA12935-5F, JA12935-6F, JA12935-8F

Results < IDL are shown as zero for calculation purposes
(*) Outside of QC limits
(N) Matrix Spike Rec. outside of QC limits

MATRIX SPIKE AND DUPLICATE RESULTS SUMMARY

Login Number: JA12935
Account: CARICH - C. A. Rich Consultants
Project: Via Verde, 700-730 Brook Avenue, Bronx, NY

QC Batch ID: MP47374
Matrix Type: AQUEOUS

Methods: SW846 6010B
Units: ug/l

Prep Date:

Metal

(anr) Analyte not requested

11.4.2 11

MATRIX SPIKE AND DUPLICATE RESULTS SUMMARY

Login Number: JA12935
Account: CARICH - C. A. Rich Consultants
Project: Via Verde, 700-730 Brook Avenue, Bronx, NY

QC Batch ID: MP47374
Matrix Type: AQUEOUS

Methods: SW846 6010B
Units: ug/l

Prep Date: 03/02/09

Metal	JA12935-1F Original	MSD	Spikelot MPIOW4	% Rec	MSD RPD	QC Limit
Aluminum	122	2150	2000	101.4	1.9	20
Antimony	0.0	526	500	105.2	2.9	20
Arsenic	0.0	2080	2000	104.0	2.9	20
Barium	88.3	2100	2000	100.6	1.4	20
Beryllium	0.0	47.6	50	95.2	1.1	20
Boron						
Cadmium	0.0	52.5	50	105.0	2.5	20
Calcium	100000	128000	25000	112.0	0.0	20
Chromium	0.0	209	200	104.5	3.4	20
Cobalt	0.0	515	500	103.0	3.0	20
Copper	4.4	251	250	98.6	2.8	20
Iron	120	1230	1000	111.0	1.6	20
Lead	1.5	479	500	95.5	1.9	20
Magnesium	24800	50000	25000	100.8	0.2	20
Manganese	21.6	549	500	105.5	3.3	20
Molybdenum	anr					
Nickel	1.0	523	500	104.4	2.9	20
Palladium						
Potassium	4270	29500	25000	100.9	0.7	20
Selenium	5.3	2070	2000	103.2	2.9	20
Silicon						
Silver	0.0	53.3	50	106.6	3.2	20
Sodium	70800	98700	25000	111.6	0.3	20
Strontium						
Thallium	0.0	1930	2000	96.5	3.7	20
Tin						
Titanium						
Tungsten						
Vanadium	0.0	510	500	102.0	3.6	20
Zinc	2.3	514	500	102.3	3.2	20

Associated samples MP47374: JA12935-1, JA12935-2, JA12935-3, JA12935-4, JA12935-5, JA12935-6, JA12935-8, JA12935-1F, JA12935-2F, JA12935-3F, JA12935-4F, JA12935-5F, JA12935-6F, JA12935-8F

Results < IDL are shown as zero for calculation purposes
(*) Outside of QC limits
(N) Matrix Spike Rec. outside of QC limits

MATRIX SPIKE AND DUPLICATE RESULTS SUMMARY

Login Number: JA12935
Account: CARICH - C. A. Rich Consultants
Project: Via Verde, 700-730 Brook Avenue, Bronx, NY

QC Batch ID: MP47374
Matrix Type: AQUEOUS

Methods: SW846 6010B
Units: ug/l

Prep Date:

Metal

(anr) Analyte not requested

11.4.2 11

SPIKE BLANK AND LAB CONTROL SAMPLE SUMMARY

Login Number: JA12935
Account: CARICH - C. A. Rich Consultants
Project: Via Verde, 700-730 Brook Avenue, Bronx, NY

QC Batch ID: MP47374
Matrix Type: AQUEOUS

Methods: SW846 6010B
Units: ug/l

Prep Date:		03/02/09				03/02/09		
Metal	BSP Result	Spikelot MPIOW4	% Rec	QC Limits	LCS Result	Spikelot MPLCW3	% Rec	QC Limits
Aluminum	2060	2000	103.0	80-120	5070	5000	101.4	80-120
Antimony	521	500	104.2	80-120	504	500	100.8	80-120
Arsenic	2040	2000	102.0	80-120	486	500	97.2	80-120
Barium	2040	2000	102.0	80-120	507	500	101.4	80-120
Beryllium	49.0	50	98.0	80-120	514	500	102.8	80-120
Boron								
Cadmium	49.4	50	98.8	80-120	516	500	103.2	80-120
Calcium	25900	25000	103.6	80-120	5770	5500	104.9	80-120
Chromium	205	200	102.5	80-120	520	500	104.0	80-120
Cobalt	521	500	104.2	80-120	522	500	104.4	80-120
Copper	241	250	96.4	80-120	504	500	100.8	80-120
Iron	1120	1000	112.0	80-120	5530	5500	100.5	80-120
Lead	487	500	97.4	80-120	511	500	102.2	80-120
Magnesium	25500	25000	102.0	80-120	5530	5500	100.5	80-120
Manganese	514	500	102.8	80-120	527	500	105.4	80-120
Molybdenum	anr							
Nickel	530	500	106.0	80-120	530	500	106.0	80-120
Palladium								
Potassium	24900	25000	99.6	80-120	9600	10000	96.0	80-120
Selenium	2030	2000	101.5	80-120	511	500	102.2	80-120
Silicon								
Silver	50.6	50	101.2	80-120	203	200	101.5	80-120
Sodium	26100	25000	104.4	80-120	10100	10000	101.0	80-120
Strontium								
Thallium	2020	2000	101.0	80-120	497	500	99.4	80-120
Tin								
Titanium								
Tungsten								
Vanadium	495	500	99.0	80-120	503	500	100.6	80-120
Zinc	520	500	104.0	80-120	519	500	103.8	80-120

Associated samples MP47374: JA12935-1, JA12935-2, JA12935-3, JA12935-4, JA12935-5, JA12935-6, JA12935-8, JA12935-1F, JA12935-2F, JA12935-3F, JA12935-4F, JA12935-5F, JA12935-6F, JA12935-8F

Results < IDL are shown as zero for calculation purposes
(*) Outside of QC limits
(anr) Analyte not requested

SERIAL DILUTION RESULTS SUMMARY

Login Number: JA12935
Account: CARICH - C. A. Rich Consultants
Project: Via Verde, 700-730 Brook Avenue, Bronx, NY

QC Batch ID: MP47374
Matrix Type: AQUEOUS

Methods: SW846 6010B
Units: ug/l

Prep Date:			03/02/09				03/02/09	
Metal	JA12935-1 Original	SDL 1:5	%DIF	QC Limits	JA12935-1F Original	SDL 1:5	%DIF	QC Limits
Aluminum	4970	5090	2.4	0-10	122	0.00	100.0(a)	0-10
Antimony	0.00	0.00	NC	0-10	0.00	0.00	NC	0-10
Arsenic	0.00	0.00	NC	0-10	0.00	0.00	NC	0-10
Barium	134	137	2.1	0-10	88.3	92.5	4.8	0-10
Beryllium	0.00	0.00	NC	0-10	0.00	0.00	NC	0-10
Boron								
Cadmium	0.00	0.00	NC	0-10	0.00	0.00	NC	0-10
Calcium	103000	106000	2.8	0-10	100000	106000	5.9	0-10
Chromium	12.4	9.30	25.0 (a)	0-10	0.00	0.00	NC	0-10
Cobalt	5.10	4.90	3.9	0-10	0.00	0.00	NC	0-10
Copper	68.8	81.5	18.5*(b)	0-10	4.40	8.80	100.0(a)	0-10
Iron	9180	9420	2.7	0-10	120	0.00	100.0(a)	0-10
Lead	8.00	7.80	2.5	0-10	1.50	0.00	100.0(a)	0-10
Magnesium	29800	30700	2.9	0-10	24800	26400	6.2	0-10
Manganese	381	397	4.3	0-10	21.6	21.1	2.3	0-10
Molybdenum	anr							
Nickel	13.3	13.4	0.8	0-10	1.00	0.00	100.0(a)	0-10
Palladium								
Potassium	5240	5350	2.2	0-10	4270	4250	0.4	0-10
Selenium	0.00	0.00	NC	0-10	5.30	0.00	100.0(a)	0-10
Silicon								
Silver	0.00	0.00	NC	0-10	0.00	0.00	NC	0-10
Sodium	69800	70800	1.4	0-10	70800	74400	5.0	0-10
Strontium								
Thallium	1.50	0.00	100.0(a)	0-10	0.00	0.00	NC	0-10
Tin								
Titanium								
Tungsten								
Vanadium	12.4	12.5	0.8	0-10	0.00	0.00	NC	0-10
Zinc	46.6	66.0	41.6*(b)	0-10	2.30	19.7	756.5(a)	0-10

Associated samples MP47374: JA12935-1, JA12935-2, JA12935-3, JA12935-4, JA12935-5, JA12935-6, JA12935-8, JA12935-1F, JA12935-2F, JA12935-3F, JA12935-4F, JA12935-5F, JA12935-6F, JA12935-8F

Results < IDL are shown as zero for calculation purposes
(*) Outside of QC limits
(anr) Analyte not requested

SERIAL DILUTION RESULTS SUMMARY

Login Number: JA12935
Account: CARICH - C. A. Rich Consultants
Project: Via Verde, 700-730 Brook Avenue, Bronx, NY

QC Batch ID: MP47374
Matrix Type: AQUEOUS

Methods: SW846 6010B
Units: ug/l

Prep Date:

Metal

(a) Percent difference acceptable due to low initial sample concentration (< 50 times IDL).
(b) Serial dilution indicates possible matrix interference.

BLANK RESULTS SUMMARY
Part 2 - Method Blanks

Login Number: JA12935
Account: CARICH - C. A. Rich Consultants
Project: Via Verde, 700-730 Brook Avenue, Bronx, NY

QC Batch ID: MP47392
Matrix Type: AQUEOUS

Methods: SW846 7470A
Units: ug/l

Prep Date: 03/03/09

Metal	RL	IDL	MB raw	final
Mercury	0.20	.044	-0.083	<0.20

Associated samples MP47392: JA12935-1, JA12935-2, JA12935-3, JA12935-4, JA12935-5, JA12935-6, JA12935-8

Results < IDL are shown as zero for calculation purposes
(*) Outside of QC limits
(anr) Analyte not requested

11.5.1
11

MATRIX SPIKE AND DUPLICATE RESULTS SUMMARY

Login Number: JA12935
Account: CARICH - C. A. Rich Consultants
Project: Via Verde, 700-730 Brook Avenue, Bronx, NY

QC Batch ID: MP47392
Matrix Type: AQUEOUS

Methods: SW846 7470A
Units: ug/l

Prep Date: 03/03/09

Metal	JA12935-1 Original	MS	Spikelot HGPW2	% Rec	QC Limits
Mercury	0.0	1.8	2	90.0	75-125

Associated samples MP47392: JA12935-1, JA12935-2, JA12935-3, JA12935-4, JA12935-5, JA12935-6, JA12935-8

Results < IDL are shown as zero for calculation purposes
(*) Outside of QC limits
(N) Matrix Spike Rec. outside of QC limits
(anr) Analyte not requested

11.5.2

11

MATRIX SPIKE AND DUPLICATE RESULTS SUMMARY

Login Number: JA12935
Account: CARICH - C. A. Rich Consultants
Project: Via Verde, 700-730 Brook Avenue, Bronx, NY

QC Batch ID: MP47392
Matrix Type: AQUEOUS

Methods: SW846 7470A
Units: ug/l

Prep Date: 03/03/09

Metal	JA12935-1 Original	MSD	Spikelot HGPW2	% Rec	MSD RPD	QC Limit
Mercury	0.0	1.8	2	90.0	0.0	20

Associated samples MP47392: JA12935-1, JA12935-2, JA12935-3, JA12935-4, JA12935-5, JA12935-6, JA12935-8

Results < IDL are shown as zero for calculation purposes
(*) Outside of QC limits
(N) Matrix Spike Rec. outside of QC limits
(anr) Analyte not requested

SPIKE BLANK AND LAB CONTROL SAMPLE SUMMARY

Login Number: JA12935
Account: CARICH - C. A. Rich Consultants
Project: Via Verde, 700-730 Brook Avenue, Bronx, NY

QC Batch ID: MP47392
Matrix Type: AQUEOUS

Methods: SW846 7470A
Units: ug/l

Prep Date: 03/03/09

Metal	LCS Result	Spikelot HGPW2	% Rec	QC Limits
Mercury	2.0	2	100.0	80-120

Associated samples MP47392: JA12935-1, JA12935-2, JA12935-3, JA12935-4, JA12935-5, JA12935-6, JA12935-8

Results < IDL are shown as zero for calculation purposes
(*) Outside of QC limits
(anr) Analyte not requested

11.5.3 11

BLANK RESULTS SUMMARY
Part 2 - Method Blanks

Login Number: JA12935
Account: CARICH - C. A. Rich Consultants
Project: Via Verde, 700-730 Brook Avenue, Bronx, NY

QC Batch ID: MP47393
Matrix Type: AQUEOUS

Methods: SW846 7470A
Units: ug/l

Prep Date: 03/03/09

Metal	RL	IDL	MB raw	final
Mercury	0.20	.044	-0.10	<0.20

Associated samples MP47393: JA12935-1F, JA12935-2F, JA12935-3F, JA12935-4F, JA12935-5F, JA12935-6F, JA12935-8F

Results < IDL are shown as zero for calculation purposes
(*) Outside of QC limits
(anr) Analyte not requested

MATRIX SPIKE AND DUPLICATE RESULTS SUMMARY

Login Number: JA12935
Account: CARICH - C. A. Rich Consultants
Project: Via Verde, 700-730 Brook Avenue, Bronx, NY

QC Batch ID: MP47393
Matrix Type: AQUEOUS

Methods: SW846 7470A
Units: ug/l

Prep Date: 03/03/09

Metal	JA12935-1F Original	MS	Spikelot HGPW2	% Rec	QC Limits
Mercury	0.0	1.7	2	85.0	75-125

Associated samples MP47393: JA12935-1F, JA12935-2F, JA12935-3F, JA12935-4F, JA12935-5F, JA12935-6F, JA12935-8F

Results < IDL are shown as zero for calculation purposes
(*) Outside of QC limits
(N) Matrix Spike Rec. outside of QC limits
(anr) Analyte not requested

MATRIX SPIKE AND DUPLICATE RESULTS SUMMARY

Login Number: JA12935
Account: CARICH - C. A. Rich Consultants
Project: Via Verde, 700-730 Brook Avenue, Bronx, NY

QC Batch ID: MP47393
Matrix Type: AQUEOUS

Methods: SW846 7470A
Units: ug/l

Prep Date: 03/03/09

Metal	JA12935-1F Original	MSD	Spikelot HGPW2	% Rec	MSD RPD	QC Limit
Mercury	0.0	1.6	2	80.0	6.1	20

Associated samples MP47393: JA12935-1F, JA12935-2F, JA12935-3F, JA12935-4F, JA12935-5F, JA12935-6F, JA12935-8F

Results < IDL are shown as zero for calculation purposes
(*) Outside of QC limits
(N) Matrix Spike Rec. outside of QC limits
(anr) Analyte not requested

SPIKE BLANK AND LAB CONTROL SAMPLE SUMMARY

Login Number: JA12935
Account: CARICH - C. A. Rich Consultants
Project: Via Verde, 700-730 Brook Avenue, Bronx, NY

QC Batch ID: MP47393
Matrix Type: AQUEOUS

Methods: SW846 7470A
Units: ug/l

Prep Date: 03/03/09

Metal	LCS Result	Spikelot HGPW2	% Rec	QC Limits
Mercury	1.9	2	95.0	80-120

Associated samples MP47393: JA12935-1F, JA12935-2F, JA12935-3F, JA12935-4F, JA12935-5F, JA12935-6F, JA12935-8F

Results < IDL are shown as zero for calculation purposes
(*) Outside of QC limits
(anr) Analyte not requested

APPENDIX E
Non-Hazardous Waste Disposal Manifests

NON-HAZARDOUS WASTE MANIFEST

Please print or type (Form designed for use on elite (12 pitch) typewriter)

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.: N / A

Manifest Document No.: 37506

2. Page 1 of 1

3. Generator's Name and Mailing Address
Via Verde Homes, LLC
902 Broadway, 13th Floor
New York, NY 10010

4. Generator's Phone (212) 243-9090

700-730 Brook Avenue
Bronx, NY

5. Transporter 1 Company Name
Freehold Cartage, Inc.

6. US EPA ID Number: NJD054126164

A. State Transporter's ID: 772597 NJ
B. Transporter 1 Phone: (732)462-1001

7. Transporter 2 Company Name

8. US EPA ID Number

C. State Transporter's ID
D. Transporter 2 Phone

9. Designated Facility Name and Site Address
Vexor Technology, Inc.
955 West Smith Road
Medina, OH 44256

10. US EPA ID Number: OHD077772895

E. State Facility's ID
F. Facility's Phone: (330)721-9773

11. WASTE DESCRIPTION	12. Containers No.	Type	13. Total Quantity	14. Unit Wt./Vol.
a. Drill Cuttings D/S Non-DOT Regulated Material 072667-072670	4	DM	2500	P
b. W/O 52337				
c.				
d.				

G. Additional Descriptions for Materials Listed Above

H. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information
11a) VEX15245

16. GENERATOR'S CERTIFICATION: I hereby certify that the contents of this shipment are fully and accurately described and are in all respects in proper condition for transport. The materials described on this manifest are not subject to federal hazardous waste regulations.

Printed/Typed Name: JOHN Dull on Behalf of Verde Homes | Signature | Date: Month 3 Day 12 Year 09

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name: Michael Brochon | Signature | Date: Month 03 Day 12 Year 09

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name | Signature | Date: Month Day Year

19. Discrepancy Indication Space

20. Facility Owner or Operator: Certification of receipt of the waste materials covered by this manifest, except as noted in item 19.

Printed/Typed Name: Stan P. Iaman | Signature | Date: Month 3 Day 16 Year 09

NON-HAZARDOUS WASTE — GENERATOR — TRANSPORTER — FACILITY