Ninyo & Moore
Geotechnical and Environmental Sciences Consultants

LIMITED PHASE II ENVIRONMENTAL SITE ASSESSMENT 1419 16TH STREET SACRAMENTO, CALIFORNIA

PREPARED FOR:
City of Sacramento
Capitol Area Development Authority
1522 14th Street
Sacramento, California 95814-5958

PREPARED BY:
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September 21, 2006
Project No. 401071002

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Mr. Marc de la Vergne, Capitol Area Development Manager
City of Sacramento Capitol Area Development Authority
1522 14th Street,
Sacramento, California 95814-5958

Subject: Limited Phase II Environmental Site Assessment
1419 16th Street, Sacramento, California.

Dear Mr. de la Vergne:

In accordance with a request from the City of Sacramento Capitol Area Development Authority, Ninyo & Moore is pleased to submit this Limited Phase II Environmental Site Assessment (ESA), for Phase II ESA activities at 1419 16th Street, Sacramento, California. The Phase II ESA activities followed the scope of services presented in the Sampling Analysis Plan prepared for the site by Ninyo & Moore in August 2005 and included an evaluation of areas that may have been impacted by dry cleaners currently occupying the site and an automobile repair facility formerly occupying the site.

We appreciate the opportunity to be of service to the City of Sacramento on this project.

Sincerely,
NINYO & MOORE

Laura E. Osteen
Senior Staff Environmental Scientist

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LEO/KML/mll

Distribution: (1) Addressee

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1. INTRODUCTION

The Capitol Area Development Authority (CADA) in Sacramento County, California, has proposed to redevelop the property at 1419 16th Street, in Sacramento, California (site). According to CADA, potential development for the site is commercial property constructed on the ground floor, with retail property above.

As part of the environmental assessment process, Ecology and Environment, Inc. (E&E), was retained by the Capitol Area Development Authority (CADA) of the City of Sacramento Housing and Redevelopment Agency and the United States Environmental Protection Agency (USEPA), Region 9, to perform a Phase I Brownfields Site Investigation (BSI) for 10 Capitol Area Development Sites (E&E, 2000). The Phase I BSI performed by E & E recommended that an evaluation of soil conditions should be conducted to investigate potential subsurface contamination relating to historical use of hazardous materials on site.

The City of Sacramento Housing and Redevelopment Agency (City) retained Ninyo & Moore to evaluate the potential site contamination. Ninyo & Moore prepared a Limited Phase II ESA Sampling Analysis Plan (SAP) (Ninyo & Moore, 2005) to outline the scope of services for a subsurface evaluation of potential site contamination. The SAP was reviewed and approved by the USEPA in August 2005.

2. BACKGROUND

The site consists of a building occupied by Mercury Cleaners in the northern portion of the site, and a parking lot in the southern portion of the site. Mercury Cleaners has been conducting dry cleaning operations since 1995. Historical documents reviewed for the site indicate that the northern portion of the site was occupied by a dry cleaner since the 1940s, and an auto repair facility since the 1950s to 1960s. The southern portion of the site was occupied by residential units between 1895 to the 1950s. Hazardous materials stored and used by the dry cleaners include tetrachloroethylene (PCE). Hazardous materials stored and used by auto repair facilities generally include gasoline, diesel, waste oil and parts cleaning solvents. In summary, constituents of concern (constituents) potentially stored and used on site include total petroleum hydrocarbons as

gasoline, diesel and motor oil (TPH-G, TPH-D and TPH-MO), VOCs including benzene, ethylbenzene, toluene, and total xylenes (BTEX), methyl tert-butyl ether (MTBE), trichloroethylene (TCE), PCE and LUFT 5 metals (lead, chromium, cadmium, nickel, and zinc). The area of concern is located in the northern section of the site where the dry cleaning and auto repair were conducted. Mercury Cleaners was reportedly cited July 1998 for several violations of hazardous substance/waste handling, storage, and disposal practices.

3. LIMITED PHASE II ESA SCOPE OF SERVICES

Ninyo & Moore's Scope of Services for a Limited Phase II ESA activities included utility clearance, the installation of six soil and/or groundwater borings, and two soil gas borings within the site boundaries (Figure 2), and the chemical analysis of soil, groundwater, and soil gas samples collected from the borings.

4. SUBSURFACE EVALUATION

A Limited Phase II ESA was conducted between November 19-20, 2005, to evaluate potential subsurface soil, soil gas, groundwater contamination, and subsurface structures on site. Prior to the commencement of sampling activities, locations of soil and groundwater sample borings were marked in the field in preparation of a utility clearance. Underground Service Alert was contacted prior to sampling activities. A private utility locating service also conducted a subsurface search for underground utilities and underground storage tanks (USTs) that may have been associated with the former auto repair facility. The search for USTs was conducted in the northern section of the site parking lot, adjacent to the southern side of the site building by using ground penetrating radar (GPR) and a magnetometer. The equipment was not useful or effective inside the building due to metallic objects scattered throughout and the concrete slab floor. No subsurface structures or anomalies were observed during the evaluation.

4.1. SOIL BORING INSTALLATION

Sampling and analysis activities were performed in accordance with the SAP prepared by Ninyo & Moore in August 2005. Eight borings (Figure 2) were installed between November 19 and 20, 2005, using direct push technology, conducted by Resonant Sonic of Woodland, California. Soil and groundwater samples were collected in two of the borings (B3 and B6), soil only samples were collected at four borings (B1S, B2S, B4S, and B5S), and soil gas samples were collected from two borings (B2SG and B5SG) (Figure 2). Three of the soil only borings (B1S, B2S and B4S) were angled under the site building from the buildings south, exterior wall due to limited access inside the building. Soil only samples were collected from boring (BS5) beneath the concrete slab inside the building since this portion of the site building was accessible. Concrete coring was conducted at boring B5 prior to sampling.

A permit was issued (Permit No. 27913-27918) for the Geoprobe sampling by the City of Sacramento Environmental Management Department (EMD). A representative from the EMD oversaw backfilling procedures subsequent to the sampling event. The borings were backfilled using Portland cement, following EMD guidelines.

Soil samples were collected from site borings from depths of 2, 5, 10, and 15-feet below ground surface (bgs) and the soil/groundwater interface. Samples were collected with either a hand auger or using a direct push rig.

Soil samples were collected in either acetate sleeves or brass tubes. Acetate sleeves were used to collect samples during direct push sampling and brass tubes were used to collect samples during hand augering. Select soil samples were analyzed for TPH-G, TPH-D and TPH-MO using EPA Method 8015M, VOCs using EPA Method 8260B, and LUFT 5 metals using EPA Method 6010B.

Subsequent to soil sample collection, the samples were sealed with Teflon tape and plastic caps. The samples were then labeled with the project name, location, boring number, sample

depth, sampling date/time, and sampler's initials. The samples were placed into plastic baggies and stored in an insulated cooler containing ice.

One soil sample was retained for chemical analysis and an additional soil sample was retained for field screening each soil sample interval. Recovered samples were described in boring logs in general conformance with the Unified Soil Classification System (Appendix A). A field geologist, under the direction of a State of California Registered Geologist, coordinated soil sampling activities.

Field screening was performed with a PID meter to evaluate the presence and relative concentration of organic vapors in the retained samples. To initiate the headspace testing procedure, soil samples were removed from the acetate sample tubes, placed into labeled zip-lock type plastic baggies. After sufficient time had elapsed for vapor build-up, the baggies were penetrated by the probe tip of the PID meter to allow measurement of organic vapors. Quantitative measurements of the field screening were obtained in the parts per million (ppm) ranges for organic vapors. The results of the field screening tests were recorded on the boring logs and were used to evaluate soil sample intervals to be submitted for laboratory analysis.

The breathing air space in the vicinity of the boring installation was also monitored with a PID meter during drilling activities to detect vapors potentially exceeding personal exposure limits (PELs) for worker safety.

Soil sampling equipment was cleaned between sampling intervals with an Alconox and water solution, followed by a rinse using tap water and deionized water. Rinsate water and soil cuttings generated during direct push drilling rig activity were placed into a 55-gallon drum for temporary storage at the site.

Grab groundwater samples were collected at a depth where groundwater was first encountered. Grab groundwater samples were collected using bottom discharging disposable Teflon bailers from the borings subsequent to soil sample collection. A new bailer was used at each boring.

Upon completion of sampling, the borings were backfilled to grade by grouting with neat cement, as required by the Sacramento County Department of Public Works.

Duplicate soil and groundwater samples, equipment rinsate blank samples, and trip blanks were also collected and were analyzed for field and sample transport quality control. Duplicate soil samples were collected below the primary soil samples immediately after the primary groundwater samples were collected. Equipment blank samples were collected by pouring distilled water over the Geoprobe sampling equipment (after the equipment was decontaminated) directly into the appropriate sample containers. All samples were placed in zip-lock baggies and stored in a cooler with ice.

Samples were transferred to Curtis & Tompkins, Ltd. (C&T), a California state-certified analytical laboratory, located in Berkeley, California, with completed Chain of Custody (COC) documentation.

Soil gas samples were collected at approximately 6-feet bgs. A Geoprobe rod was hydraulically pushed to the target vapor sampling depth and the drill rod raised approximately 6 inches. Hydrated bentonite was placed around the drill rod to inhibit surface air migration down the outer portion of the drill rod. The contents of an office duster canister, which included the compound 1,1,1,2-tetrafluorethane, was sprayed on the bentonite seal to track the potential of a leak. A fitting was then connected to the top of each purge and sample summa canister and a 100 to 200 milliliter/minute flow regulator with a particulate filter was connected to the downhole side of the fitting. The connections were vacuum tested between the summa canisters and the valve on the downhole side of the regulator for 10 minutes by opening and closing the purge canister valve to place a test vacuum on the assembly.

Approximately 300 milliliters of soil gas was purged from each soil gas boring using a syringe prior to sampling. Subsequent to purging, the sample canister valve was opened to begin sample collection and the time sample collection started was recorded. The sample canister valve was closed when the sample canister gauge indicated approximately 5-inches mercury (Hg) or less of vacuum remained in the canister. The time that the sample collection

was terminated was recorded, and the sample was labeled and recorded on the chain of custody with the sample name, final vacuum, and the canister and flow controller serial numbers. The samples were stored in a container in a shaded area. Subsequent to soil gas sampling, the drilling rod and sampling apparatus were removed and the borings were backfilled with Portland cement.

5. SUBSURFACE CONDITIONS

Soil boring depths ranged from 15-feet bgs in borings B1S and B2S to 24-feet bgs in borings B3 and B6. Subsurface conditions observed from soil samples collected on-site generally consisted of sandy gravel (fill) near the surface to 3-feet to 4-feet bgs, underlain by brown silty and sandy clay to the bottom of each boring.

Groundwater was encountered between 16-feet in boring B4 and 20-feet bgs in borings B3 and B6. Groundwater was not encountered in borings B1, B2, and B5.

Further soil characteristic descriptions are described in the boring logs presented in Appendix A.

6. SAMPLE ANALYTICAL RESULTS

A summary of sample laboratory analytical data for primary, duplicate, and QC samples is discussed below. A copy of the analytical reports prepared by C & T is presented Appendix B. Tables 1 through 7 provide analytical sample results.

6.1. SOIL SAMPLE ANALYTICAL RESULTS

Select soil samples were analyzed for TPH-G, TPH-D, TPH-MO, VOCs, and LUFT 5 Metals (Tables 1 through 3). Residential and Commercial Regional Water Quality Control Board (RWQCB) Environmental Screening Levels (ESLs) for Shallow Soil Samples collected where groundwater is a current or potential source of drinking water, and US Environmental Protection Agency Preliminary Remedial Goals (PRGs) were used as regulatory screening levels to compare to soil sample analytical data results. All samples met their respective

holding times, except for sample B5-S-15-1, which exceeded the EPA Method 8260 holding time by four days. A summary of laboratory analytical results follows. Please note in the discussion that follows that sample numbers contain sample collection depths information. The sample number, for example B1-S-2-1, includes the boring location number (B1), sample depth (2-feet bgs) and the sample number (1). A copy of the laboratory analytical report is presented in Appendix B.

6.1.1. TOTAL PETROLEUM HYDROCARBONS AS GASOLINE, DIESEL AND MOTOR OIL

ESLs were used as regulatory screening levels to compare to analytical laboratory results for total petroleum hydrocarbons. PRGs were not listed for TPH-G, TPH-D and TPH-MO and therefore not used for comparison.

TPH-G was not reported above laboratory reporting limits (RLs) in any of the samples collected.

The TPH-D concentration in one sample, B3-S-2-1, was reported at the ESL of 100 milligrams per kilograms (mg/kg). The other TPH-D samples collected were above laboratory reporting limits but below the ESL, ranging from 2.1 mg/kg in sample B1-S-5-2-1 to 71 mg/kg in sample B2-S-2-1 (Table 1).

TPH-MO concentrations were reported at a concentration of 710 mg/kg in soil sample B3-S-2-1, exceeding the Residential ESL of 500 mg/kg, but below the Commercial ESL of 1,000. TPH-MO was also reported in two soil samples above RLs but below the ESL, ranging from 76 mg/kg in sample B2-S-2-1 to 100 mg/kg in B2 duplicate sample B22-S-2-1 (Table 2).

6.1.2. VOLATILE ORGANIC COMPOUNDS (VOCS)

PRGs and ESLs were used as regulatory screening levels to compare soil sample analytical result for VOCs. The Residential and Commercial PRG for PCE [(480 and 1,300 microgram per kilogram (μg/kg)] and the Residential and Commercial ESL of 87 and

240 µg/kg was exceeded in soil samples B5-S-2-1 (3,100 µg/kg), B5-S-5-1 (7,300 µg/kg), B5-S-10-1 (1,600 µg/kg), and B25-S-2-1 (4,500 µg/kg). B25-S-2-1 is a duplicate sample of B5-S-2-1.

The Residential PRGs for 1,3,5-Trimethylbenzene (21,000 µg/kg) and 1,2,4-Trimethylbenzene (52,000 µg/kg) were exceeded in soil sample B5-S-15-1 at 39,000 µg/kg and 110,000 µg/kg, respectively. The Residential and commercial ESLs for cis-1,2-Dicloroethene (190 µg/kg), m,p-xylenes (2,300 µg/kg), and (460 and 1,500 µg/kg) were exceeded in sample B5-S-15-1 at 23,000 µg/kg, 31,000 µg/kg, and 31,000 µg/kg, respectively.

No other VOCs were reported above PRGs. Additional VOCs reported above RLs (but below PRGs) included cis-1,2-Dichloroethene, m,p-Xylene, n-Butylbenzene, and naphthalene in sample B5-S-15-1 at concentrations of 23,000 µg/kg, 24,000 µg/kg, 22,000 µg/kg and 31,000 µg/kg, respectively (Table 2).

6.1.3. METALS

PRGs and CHHSLs were used as regulatory screening levels for comparison of soil samples analytical results for metals. All soil samples were analyzed for LUFT 5 metals (cadmium, chromium, lead, nickel and zinc). Sample B22-S-2-1, the duplicate for B2-S-2-1, was reported for lead above the PRG and CHHSL of 150 mg/kg at 1,000 mg/kg (Table 3). The remaining samples collected were reported above RLs but below their respective PRGs. LUFT 5 metals reported above RLs but below PRGs included cadmium, ranging from 1.1 mg/kg in samples B1-S-2-1 and B3-S-10-1 to 1.5 mg/kg in sample B2-S-2-1, total chromium ranging from 42 mg/kg in sample B22-S-2-1 to 60 mg/kg in samples B1-S-5-1 and B2-S-2-1, lead ranging from 7.6 mg/kg in sample B3-S-5-1 to 94 mg/kg in sample B2-S-2-1, nickel ranging from 39 mg/kg in sample B22-S-2-1 to 64 mg/kg in sample B2-S-5-1, and zinc ranging from 45 mg/kg in sample B1-S-2-1 to 150 mg/kg in B22-S-2-1.

6.2. GROUNDWATER SAMPLE ANALYTICAL RESULTS

Select groundwater samples were analyzed for TPH-G, TPH-D, TPH-MO, VOCs, and Metals (Table 4 through 6). TPH-G, TPH-D, TPH-MO, VOCs and LUFT 5 metals groundwater sample analytical results were compared to ESLs as regulatory screening levels. VOCs and Metals were also compared to California Department of Health Services (CDHS) Maximum Contaminant Levels (MCLs) for regulatory screening levels. A summary of laboratory analytical results follows, and a copy of the laboratory analytical report is presented in Appendix B.

6.2.1. TOTAL PETROLEUM HYDROCARBONS AS GASOLINE, DIESEL AND MOTOR OIL

TPH-G was reported above the ESL of 100 micrograms per liter (µg/L) in groundwater samples B6-GW-1 and B16-GW-1 (the duplicate of B6-GW-1), at concentrations of 280 µg/L and 310 µg/L, respectively (Table 4).

Groundwater sample B3-GW-1 was reported above the RLs but below ESLs at 58 µg/L.

TPH-D and TPH-MO were not reported above RLs in any of the samples analyzed (Table 4).

6.2.2. VOCS

TCE and PCE were reported above the MCL and ESL of 5.0 µg/L in samples B3-GW-1, B6-GW-1 and B16-GW-1. TCE concentrations ranged from 12 µg/L in sample B3-GW-1 to 110 µg/L in samples, B6-GW-1 and B16-GW-1 (Table 5). Cis-1,2-Dichloroethene (DCE) was reported above the ESL and MCL of 6.0 µg/L in three samples, B3-GW-1, B6-GW-1 and B16-GW-1 with concentrations of 14 µg/L, 100 µg/L and 100 µg/L, respectively. Chloroform was reported in sample B3-GW-1 at a concentration of 1.4, above the laboratory reporting limit but below the residential ESL of 330 µg/L.

6.2.3. METALS

LUFT 5 metals were reported above RLs, but below screening levels included chromium, ranging from 15 μg/L in sample B3-GW-1 to 31 μg/L in sample B16-GW-1. Cadmium, Lead, Nickel and Zinc concentrations were not reported above RLs (Table 6).

6.3. SOIL GAS SAMPLES

Soil gas samples were collected from two borings on site on November 19, 2005, and shipped via courier to Air Toxics, Ltd, located in Folsom, California. Soil gas sample results were compared to ESL and CHHSL Shallow Soil Gas Screening Levels. VOC constituents reported above RLs in samples collected included 1,3-butadiene, ethanol, acetone, carbon disulfide, hexane, 2-butanone [(methyl ethyl ketone (MEK)], cis-1,2-dichloroethene, tetrahydrofuran, cyclohexane, 2,2,4-trimethylpentane, benzene, heptane, trichloroethene, toluene, ethylbenzene, m,p-Xylene, o-Xylene, styrene, cumene, propylbenzene, 4-ethyltoluene, PCE, and 1,2,4-trimethylbenzene (Table 7).

The only constituent reported above screening levels was PCE, which has Residential and Commercial ESLs of 410 and 1,400 micrograms per meter cubed ($\mu g/m^3$), and a Residential and Commercial CHHSL of 180 and 603 $\mu g/m^3$. PCE was reported above Residential ESLs and Residential and Commercial CHHSLs in sample B5-SG-5-1 at 780$\mu g/m^3$. PCE was reported above RLs in sample B2-SG-5-1 and B12-SG-5-1 (duplicate of B2) at 28 $\mu g/m^3$ and 20 $\mu g/m^3$, respectively. Several constituents reported above laboratory reporting limits did not have screening levels for comparison, including, 1,3-butadiene, ethanol, acetone, carbon disulfide, hexane, MEK, tetrahydrofuran, cyclohexane, 2,2,4-trimethylpentane, heptane, ethylbenzene, styrene, cumene, propylbenzene, 4-ethyltoluene, and 1,2,3-trimethylbenzene. A copy of the soil gas analytical report is provided in Appendix B.

6.4. SOIL AND GROUNDWATER SAMPLE LABORATORY ANALYTICAL RESULTS FOR FIELD AND LABORATORY QUALITY CONTROL (QC) SAMPLES

Field samples included duplicate and equipment blank samples. Laboratory QA/QC samples included matrix spike/matrix spike duplicate (MS/MSD) samples, laboratory control and laboratory control duplicate (LC/LCD) samples, and method blanks. The following is a summary and discussion of QA/QC sample analytical results.

6.4.1. DUPLICATE SOIL, GROUNDWATER, AND SOIL GAS SAMPLES

Duplicate soil samples were collected from borings B2 and B5 at 2 feet bgs. The samples were identified as B22-S-2-1 and B25-S-2-1. The samples were analyzed for TPH-G, TPH-D, TPH-MO, VOCs and LUFT 5 metals. Duplicate samples were collected from the acetate sleeve within the sampling rods directly below the primary samples. Analytical results of the duplicate sample compared to the primary sample differed in sample B22-S-2-1, where lead concentration was 1,000 mg/kg compared to primary sample result of 94 µg/kg. The remaining duplicate sample analytical results were within an order of magnitude of the primary samples.

One duplicate grab groundwater sample was collected on site. The duplicate groundwater sample was identified as B16-GW-1. The duplicated grab groundwater sample was collected immediately after collection of primary sample B6-GW-1. The duplicate sample was analyzed for TPH-G, TPH-D, TPH-MO, LUFT 5 metals and VOCs. The duplicate sample results were within one order of magnitude of the primary samples.

One duplicate soil gas sample was collected on-site. Sample B12-SG-5-1 was the duplicate of primary sample B2-SG-5-1. The duplicate sample was analyzed for VOCs, and the analytical results were within one order of magnitude of the primary sample analytical results.

One field blank sample was collected on-site. The field blank sample was identified as B25-SG-5-1, and was collected in an ambient air environment in the Mercury Cleaners parking lot, adjacent to the northeast corner of 16th and O Street. Ethanol, acetone, ben-

zene, toluene, and m,p-xylene were reported above laboratory reporting limits. The reported concentrations can be attributed to gasoline emissions from vehicular traffic on 16th and O Streets.

6.4.2. EQUIPMENT BLANK SAMPLE

One equipment blank sample was collected during the subsurface investigations on site. Equipment blank samples were collected by decanting distilled water over sampling tools into the appropriate sample containers after they had been decontaminated. The equipment blank sample was identified as B28-GW-1, and was analyzed for TPH-G, TPH-D, TPH-MO, VOCs, and LUFT 5 metals. The equipment blank sample was not reported above laboratory reporting limits for any of the constituents analyzed.

6.4.3. TRIP BLANKS

Trip blanks were placed in the cooler containing groundwater samples. The trip blank was identified as B29-GW-1, and was analyzed for VOCs. No constituents were reported above laboratory reporting limits.

6.4.4. LABORATORY QA/QC SAMPLES

Additional volumes of soil and groundwater were collected for analyzing MS/MSD for samples B1-S-2-1, B4-S-2-1, and B3-GW-1. The samples were within the recovery limits for both the MS and MSD analysis.

The case narrative provided by C & T indicated that no problems were encountered for EPA Methods 8015B (soil and groundwater) and 8260B (groundwater). Several anomalies were indicated for Method 8260B lab QA/QC analysis in soil samples. The anomalies included low and high recoveries in MS/MSD analysis for multiple constituents in several batches, high recoveries of relative percentage difference (RPD) for VOCs in several batches, and constituents reported in method blanks. The batches reported with recovery, RPD, or method blank anomalies were in reported lab samples,

and not the field samples. Therefore, the field samples do not appear to have been impacted by the laboratory QA/QC anomalies.

Laboratory qualifiers "H", and "Y" and "Z" were included for TPH-G, TPH-D and TPH-MO analytical results that were not completely representative of the fuel specified for analysis. The "H" qualifier was described as heavier hydrocarbons contributing to the quantitation and the "Y" qualifier was described as a sample exhibiting a chromographic pattern which does not resemble the standard. The "Z" qualifier indicates the sample exhibited unknown hydrocarbons contributing to the quantitation. The qualifiers usually represent petroleum hydrocarbons that have degraded to a weathered fuel.

Level 4 data validation was performed on samples B3-S-10-1 (Methods 8260B, 8015B, and 6010B), B5-S-10-1 (8260B), and B6-GW-1 (Methods 8260B and 8015B) by C & T. No anomalies were reported in the samples except for B3-S-10-1 (8015B) where high recoveries were observed for diesel in the MS/MSD. The analyte was not reported in the field sample, so it appears that the anomaly reported did not have an effect on the field sample data. Due to the large volume of data included in the data validation, a copy of the data is not included in this report. A copy of the data validation will be submitted upon request.

Additional level 4 data validation was performed by Veridian Environmental (Veridian) on samples B3-S-10-1, B5-S-10-1, and B6-GW-1. Veridian reported that a portion of the data had been qualified due to calibration issues, however the majority of the data was acceptable. A copy of the Veridian report is on a CD located in Appendix B.

7. SUMMARY

A Limited Phase II ESA soil, soil gas and groundwater evaluation was conducted on November 19-20, 2005. A total of eight borings were installed, six soil and/or groundwater borings and two soil gas borings, using direct push technology. Soil and/or groundwater samples were collected

in six of the borings (borings B1S, B2S, B3, B4S, B5S, and B6), and soil gas samples were collected in two borings (B2SG and B5SG) (Figure 2).

Select soil and groundwater samples were analyzed for TPH-G, TPH-D, and TPH-MO using EPA Methods 8015M, VOCs using EPA Method 8260M, and LUFT 5 metals using EPA Method 6010B (Tables 1 through 6). All samples met their respective holding times, except for soil sample B5-S-15-1, which exceeded the EPA Method 8260 holding time by four days.

Regulatory screening levels used for sample comparison included; RWQCB Residential and Commercial ESLs for shallow soil (≤3 meters) (soil, soil gas, and groundwater), US EPA Residential and Commercial Preliminary Remedial Goals (PRGs) (soil), Cal EPA Residential and Commercial California Human Health Screening Levels (CHHSLs), (soil and soil gas), and CDHS MCLs (groundwater).

Soil boring depths ranged from 15 feet bgs in boring B1S to 24 feet bgs in boring B2S. Subsurface conditions observed from soil samples collected on site generally consisted of sandy gravel (fill) near the surface to 3-feet to 4-feet bgs, underlain by brown silty and sandy clay to the bottom of each boring.

Groundwater was encountered between 16 feet in B4, and 20 feet bgs in borings B3 and B6. Groundwater was not encountered in borings B1, B2, and B5.

The TPH-G screening level of 100 mg/kg was not reported above RLs in any of the soil samples collected. The TPH-D concentration equaled the screening level of 100 mg/kg in sample BS-S-2-1. TPH-MO concentrations were reported at a concentration of 710 mg/kg in soil sample B3-S-2-1, exceeding the Residential ESL of 500 mg/kg, but below the Commercial ESL of 1,000.

PRGs and ESLs were used as regulatory screening levels to compare soil sample analytical result for VOCs. The Residential and Commercial PRG for PCE (480 and 1,300 μg/kg) and the Residential and Commercial ESL of 87 and 240 μg/kg was exceeded in soil samples B5-S-2-1 (3,100 μg/kg), B5-S-5-1 (7,300 μg/kg), B5-S-10-1 (1,600 μg/kg), and B25-S-2-1 (4,500 μg/kg). B25-S-2-1 is a duplicate sample of B5-S-2-1.

The Residential PRGs for 1,3,5-Trimethylbenzene (21,000 μg/kg) and 1,2,4-Trimethylbenzene (52,000 μg/kg) were exceeded in soil sample B5-S-15-1 at 39,000 μg/kg and 110,000 μg/kg, respectively. The Residential and Commercial ESLs for cis-1,2-Dicloroethene (190 μg/kg), m,p-xylenes (2,300 μg/kg), and naphthalene (460 and 1,500 μg/kg) were exceeded in sample B5-S-15-1 at 23,000 μg/kg, 24,000 μg/kg, and 31,000 μg/kg, respectively.

TPH-G was reported above the ESL in groundwater samples B6-GW-1 and B16-GW-1 (the duplicate for B6-GW-1), at concentrations of 280 μg/L and 310 μg/L, respectively (Table 4). The ESL is for both commercial and residential use.

Cis-1,2-DCE, TCE and PCE were reported above ESLs and MCLs in samples B3-GW-1, B6-GW-1 and B16-GW-1. Cis-1,2- DCE was reported in samples B3-GW-1, B6-GW-1 and B16-GW-1 with concentrations of 14 μg/L, 100 μg/L and 100 μg/L. TCE concentrations ranged from 12 μg/L in sample B3-GW-1 to 110 μg/L in samples, B6-GW-1 and B16-GW-1, and PCE ranged in concentrations of 140 μg/Lin sample B3-GW-1 to 930 μg/L in sample B16-GW-1 (duplicate of B6-GW-1) (Table 5).

LUFT 5 metals were not reported above screening levels in groundwater samples collected.

Soil gas samples were collected from two borings on site. PCE was reported above Residential ESLs, and Residential and Commercial CHHSLs (for shallow soil gas) in sample B5-SG-5-1 at 780μg/m^3. Residential and Commercial ESLs are 410 and 1,400 micrograms per meter cubed (μg/m^3), and Residential and Commercial CHHSLs are 180 and 603 μg/m^3.

8. CONCLUSIONS AND RECOMMENDATIONS

Soil constituents detected equal to or above regulatory screening levels during this Limited Phase II ESA including TPH-D and TPH-MO in boring B3, located in the northwest corner of the site parking lot; VOCs (including PCE) in samples collected from boring B5 located in the vicinity of the former dry cleaning operations; and lead in a sample collected from boring B2, located in the north section of the site parking lot. The EPA holding time for soil sample B5-S-15-1 (col-

lected from boring B5) were exceeded by one day for Method 8260B (VOCs). Therefore, the data may not be recognized by the oversight Agency performing data review.

Groundwater constituents detected equal to or above regulatory screening levels included TPH-G in the sample collected from B6, located beneath the south section of the building, and cis-1,2-DCE, PCE and TCE detected in samples collected from borings B3 and B6.

Soil gas constituents detected above regulatory screening levels were reported in samples collected from boring B5, located in the vicinity of the former dry cleaning operations.

Because various site soil, groundwater, and soil gas samples were impacted above regulatory screening levels for TPH, VOCs, and lead, Ninyo & Moore recommends the following:

- Additional soil and soil gas sampling should be conducted in the vicinity of borings B5S and B5SG to evaluate the vertical and lateral extent of VOC impacted soil in the former dry cleaning area.
- Additional soil samples should be collected in the vicinity of B3 and B6 to evaluate the vertical and lateral extent of TPH impacted soil.
- Additional groundwater samples should be collected up and down-gradient of B3, B5, and B6 to evaluate the lateral extent of groundwater contamination on-site.
- The results of this Limited Phase II ESA should be reported to the SCEMD.

9. LIMITATIONS

The field investigation, laboratory testing, and soil sample analyses presented in this report have been conducted in general accordance with current engineering practice and the standard of care exercised by reputable environmental consultants performing similar tasks in the area. No other warranty, expressed or implied, is made regarding the conclusions and professional opinions presented in this report. There is no investigation detailed enough to reveal every soil condition. Variations may exist and conditions not observed or described in this report may be encountered at a later time. Uncertainties relative to soil conditions can be reduced through additional soil sampling. An additional soil investigation will be performed upon request.

Further assessment of potential adverse environmental impacts from past on-site and/or nearby use of hazardous materials may be accomplished by a more comprehensive assessment. The samples collected and used for testing, and the observations made are believed to be representative of the area(s) evaluated; however, conditions can vary significantly between sampling locations. Variations in soil conditions will exist beyond the points explored in this investigation.

The environmental interpretations and opinions contained in this report are based on the results of laboratory tests and analyses intended to detect the presence and concentration of certain chemical or physical constituents in samples collected from the subject site. The testing and analyses have been conducted by an independent laboratory that is accredited by the EPA or certified by the State of California to conduct such tests. Ninyo & Moore has no involvement in, or control over, such testing and analysis. Ninyo & Moore, therefore, disclaims responsibility for any inaccuracy in such laboratory results.

This report is intended for preliminary design purposes only and may not provide sufficient data to prepare an accurate bid by some contractors. This document is intended to be used only in its entirety. No portion of the document, by itself, is designed to completely represent any aspect of the project described herein. Ninyo & Moore should be contacted if the reader requires additional information or has questions regarding the content, interpretations presented, or completeness of this document.

Our summary, conclusions, and recommendations are based on an analysis of the observed site conditions. It should be understood that the conditions of a site can change with time as a result of natural processes or the activities of man at the subject site or nearby sites. In addition, changes to the applicable laws, regulations, codes, and standards of practice may occur due to government action or the broadening of knowledge. The findings of this report may, therefore, be invalidated over time, in part or in whole, by changes over which Ninyo & Moore has no control.

10. SELECTED REFERENCES

California Environmental Protection Agency, 2005 Use of California Human Health Screening Levels (CHHSLs) in Evaluation of Contaminated Properties, dated January.

Ninyo & Moore, 2005, Revised Limited Phase II Environmental Site Assessment, 1419 16th Street, Sacramento, California, dated August 18.

Ninyo & Moore, 2005 Revised Limited Phase II Environmental Site Assessment, Sampling Analysis Plan, 1419 16th Street, Sacramento, California, dated August 18.

San Francisco Bay RWQCB, 2005. Environmental Screening Levels for Residential Use - Shallow Soils (<3 mbgs) - Where Groundwater is a Current or Potential Drinking Water Source, dated February.

Title 22, 2003 CCR, Division 4, Environmental Health, Chapter 15, Domestic Water Quality and Monitoring, Maximum Contaminant Levels (MCLs), dated September.

United States Environmental Protection Agency Region IX, 2004. Preliminary Remedial Goals: updated October.

Veridian Environmental, 2006, Data Validation Report, Mercury Cleaners, Laboratory Number 183330, dated February 9.

TABLE 1
SOIL SAMPLE LABORATORY ANALYTICAL RESULTS
TOTAL PETROLEUM HYDROCARBONS AS GASOLINE, DIESEL AND MOTOR OIL
MERCURY CLEANERS, SACRAMENTO, CALIFORNIA

SAMPLE IDENTIFICATION	ANALYTE		
	TPH-G	TPH-D	TPH-MO
	ANALYTICAL RESULTS (mg/kg)		
B1-S-2-1	<1.0	<1.1	<5.5
B1-S-5-1	<1.4	**4.5Y**	<6.4
B1-S-10-1	<1.2	**2.1Y**	<6.0
B1-S-15-1	NA	NA	NA
B2-S-2-1	<1.0	**71HY**	**76**
B2-S-5-1	<1.3	**3.8Y**	<6.5
B2-S-10-1	<1.3	<1.2	<6.0
B2-S-15-1	NA	NA	NA
B3-S-2-1	<1.1	**100HY**	**710**
B3-S-5-1	<1.2	<1.2	<6.1
B3-S-10-1	<1.1	<1.2	<6.1
B3-S-15-1	NA	NA	NA
B4-S-2-1	NA	NA	NA
B4-S-5-1	NA	NA	NA
B4-S-10-1	NA	NA	NA
B4-S-15-1	NA	NA	NA
B5-S-2-1	NA	NA	NA
B5-S-5-1	NA	NA	NA
B5-S-10-1	NA	NA	NA
B5-S-15-1	NA	NA	NA
B6-S-2-1	NA	NA	NA
B6-S-5-1	NA	NA	NA
B6-S-10-1	NA	NA	NA
B6-S-15-1	NA	NA	NA
B22-S-2-1	<1.0	**31HY**	**100**
B25-S-2-1	NA	NA	NA
*Screening Levels (mg/kg)	100[a]	100[a]	500[a]
	100[b]	100[b]	1,000[b]

NOTES:

a = San Francisco Bay RWQCB Environmental Screening Levels for **Residential Use** - Where Groundwater is a current or potential source of drinking water (February 2005)

b = San Francisco Bay RWQCB Environmental Screening Levels for **Commercial Use** - Where Groundwater is a current or potential source of drinking water (February 2005)

TPH-G, TPH-D and TPH-MO = Total petroleum hydrocarbons as gasoline, diesel and motor oil

TPH-G, TPH-D and TPH-MO analyzed using EPA Method 8015M

mg/kg = milligrams per kilogram

< = below laboratory reporting limits

Shaded cells indicate concentrations reported greater than Screening Levels

Bold indicates analysis reported above laboratory reporting limit

H indicates heavier hydrocarbons contributed to the quantitation

Y indicates the sample exhibits a chromatographic pattern which does not resemble standard

L indicates lighter hydrocarbons contributed to the quantitation

NA = Not analyzed

TABLE 2
SOIL SAMPLE LABORATORY ANALYTICAL RESULTS
VOLATILE ORGANIC COMPOUNDS
MERCURY CLEANERS
SACRAMENTO, CALIFORNIA

ANALYTE	SAMPLE IDENTIFICATION																									SCREENING LEVELS (µg/kg)			
	B1-S-2-1	B1-S-5-1	B1-S-10-1	B1-S-15-1	B2-S-2-1	B2-S-5-1	B2-S-10-1	B2-S-15-1	B3-S-2-1	B3-S-5-1	B3-S-10-1	B3-S-15-1	B4-S-2-1	B4-S-5-1	B4-S-10-1	B4-S-15-1	B5-S-2-1	B5-S-5-1	B5-S-10-1	B5-S-15-1*	B6-S-2-1	B6-S-5-1	B6-S-10-1	B6-S-15-1	B22-S-2-1	B25-S-2-1	Residential		Commercial	
	ANALYTICAL RESULTS (µg/kg)																										PRGs	ESLs	PRGs	ESLs
Freon 12	<12	<12	<10	NA	<14	<13	<10	NA	<13	<10	<11	NA	<12	<12	<12	NA	<470	<1200	<300	<40,000	<13	<10	<9.7	NA	<12	<840	94,000	---	310,000	---
Chloromethane	<12	<12	<10	NA	<14	<13	<10	NA	<13	<10	<11	NA	<12	<12	<12	NA	<470	<1200	<300	<40,000	<13	<10	<9.7	NA	<12	<840	47,000	70	---	---
Vinyl Chloride	<12	<12	<10	NA	<14	<13	<10	NA	<13	<10	<11	NA	<12	<12	<12	NA	<470	<1200	<300	<40,000	<13	<10	<9.7	NA	<12	<840	79	6.7	---	---
Bromomethane	<12	<12	<10	NA	<14	<13	<10	NA	<13	<10	<11	NA	<12	<12	<12	NA	<470	<1200	<300	<40,000	<13	<10	<9.7	NA	<12	<840	3,900	220	---	---
Chloroethane	<12	<12	<10	NA	<14	<13	<10	NA	<13	<10	<11	NA	<12	<12	<12	NA	<470	<1200	<300	<40,000	<13	<10	<9.7	NA	<12	<840	3,000	630	---	---
Trichlorofluoromethane	<6.1	<6.0	<5.1	NA	<6.9	<6.5	<5.1	NA	<6.5	<5.1	<5.4	NA	<5.8	<6.0	<6.0	NA	<230	<620	<150	<20,000	<6.4	<5.1	<4.8	NA	<5.9	<420	390,000	---	---	---
Acetone	<24	<24	<20	NA	<28	<26	<20	NA	<26	<20	<22	NA	<23	<24	<24	NA	<930	<2500	<600	<80,000	<26	<20	<19	NA	<24	<1700	1,400,000	500	---	---
Freon <113	<6.1	<6.0	<5.1	NA	<6.9	<6.5	<5.1	NA	<6.5	<5.1	<5.4	NA	<5.8	<6.0	<6.0	NA	<230	<620	<150	<20,000	<6.4	<5.1	<4.8	NA	<5.9	<420	5,600,000	---	---	---
1,1-Dichloroethene	<6.1	<6.0	<5.1	NA	<6.9	<6.5	<5.1	NA	<6.5	<5.1	<5.4	NA	<5.8	<6.0	<6.0	NA	<230	<620	<150	<20,000	<6.4	<5.1	<4.8	NA	<5.9	<420	120,000	1,000	---	---
Methylene Chloride	<24	<24	<20	NA	<28	<26	<20	NA	<26	<20	<22	NA	<23	<24	<24	NA	<930	<2500	<600	<80,000	<26	<20	<19	NA	<24	<1700	9,100	77	---	---
Carbon Disulfide	<6.1	<6.0	<5.1	NA	<6.9	<6.5	<5.1	NA	<6.5	<5.1	<5.4	NA	<5.8	<6.0	<6.0	NA	<230	<620	<150	<20,000	<6.4	<5.1	<4.8	NA	<5.9	<420	360,000	---	---	---
MTBE	<6.1	<6.0	<5.1	NA	<6.9	<6.5	<5.1	NA	<6.5	<5.1	<5.4	NA	<5.8	<6.0	<6.0	NA	<230	<620	<150	<20,000	<6.4	<5.1	<4.8	NA	<5.9	<420	32,000	23	---	---
trans-1,2-Dichloroethene	<6.1	<6.0	<5.1	NA	<6.9	<6.5	<5.1	NA	<6.5	<5.1	<5.4	NA	<5.8	<6.0	<6.0	NA	<230	<620	<150	<20,000	<6.4	<5.1	<4.8	NA	<5.9	<420	69,000	670	---	---
Vinyl Acetate	<61	<60	<51	NA	<69	<65	<51	NA	<65	<51	<54	NA	<58	<60	<60	NA	<2300	<6200	<1500	<200,000	<64	<51	<48	NA	<59	<4200	430,000	---	---	---
1,1-Dichloroethane	<6.1	<6.0	<5.1	NA	<6.9	<6.5	<5.1	NA	<6.5	<5.1	<5.4	NA	<5.8	<6.0	<6.0	NA	<230	<620	<150	<20,000	<6.4	<5.1	<4.8	NA	<5.9	<420	2,800	200	---	---
2-Butanone	<12	<12	<10	NA	<14	<13	<10	NA	<13	<10	<11	NA	<12	<12	<12	NA	<470	<1200	<300	<20,000	<13	<10	<9.7	NA	<12	<840	22,000,000	3,900	---	---
cis-1,2-Dichloroethene	<6.1	<6.0	<5.1	NA	<6.9	<6.5	<5.1	NA	<6.5	<5.1	<5.4	NA	<5.8	<6.0	<6.0	NA	<230	<620	<150	23,000	<6.4	<5.1	<4.8	NA	<5.9	<420	43,000	190	150,000	190
2,2-Dichloropropane	<6.1	<6.0	<5.1	NA	<6.9	<6.5	<5.1	NA	<6.5	<5.1	<5.4	NA	<5.8	<6.0	<6.0	NA	<230	<620	<150	<20,000	<6.4	<5.1	<4.8	NA	<5.9	<420	---	---	---	---
Chloroform	<6.1	<6.0	<5.1	NA	<6.9	<6.5	<5.1	NA	<6.5	<5.1	<5.4	NA	<5.8	<6.0	<6.0	NA	<230	<620	<150	<20,000	<6.4	<5.1	<4.8	NA	<5.9	<420	220	880	---	---
Bromochloromethane	<6.1	<6.0	<51	NA	<6.9	<6.5	<51	NA	<6.5	<51	<5.4	NA	<5.8	<6.0	<6.0	NA	<230	<620	<150	<20,000	<6.4	<51	<4.8	NA	<5.9	<420	---	14	---	---
1,1,1-Trichloroethane	<6.1	<6.0	<5.1	NA	<6.9	<6.5	<5.1	NA	<6.5	<5.1	<5.4	NA	<5.8	<6.0	<6.0	NA	<230	<620	<150	<20,000	<6.4	<5.1	<4.8	NA	<5.9	<420	1,200,000	7,800	---	---
1,1-Dichloropropene	<6.1	<6.0	<5.1	NA	<6.9	<6.5	<5.1	NA	<6.5	<5.1	<5.4	NA	<5.8	<6.0	<6.0	NA	<230	<620	<150	<20,000	<6.4	<5.1	<4.8	NA	<5.9	<420	---	---	---	---
Carbon Tetrachloride	<6.1	<6.0	<5.1	NA	<6.9	<6.5	<5.1	NA	<6.5	<5.1	<5.4	NA	<5.8	<6.0	<6.0	NA	<230	<620	<150	<20,000	<6.4	<5.1	<4.8	NA	<5.9	<420	250	12	---	---
1,2-Dichloroethane	<6.1	<6.0	<5.1	NA	<6.9	<6.5	<5.1	NA	<6.5	<5.1	<5.4	NA	<5.8	<6.0	<6.0	NA	<230	<620	<150	<20,000	<6.4	<5.1	<4.8	NA	<5.9	<420	280	4.5	---	---
Benzene	<6.1	<6.0	<51	NA	<6.9	<6.5	<51	NA	<6.5	<51	<5.4	NA	<5.8	<6.0	<6.0	NA	<230	<620	<150	<20,000	<6.4	<51	<4.8	NA	<5.9	<420	640	44	---	---
Trichloroethene	<6.1	<6.0	<5.1	NA	<6.9	<6.5	<5.1	NA	<6.5	<5.1	<5.4	NA	<5.8	<6.0	<6.0	NA	<230	<620	<150	<20,000	<6.4	<5.1	<4.8	NA	<5.9	<420	53	260	---	---
1,2-Dichloropropane	<6.1	<6.0	<5.1	NA	<6.9	<6.5	<5.1	NA	<6.5	<5.1	<5.4	NA	<5.8	<6.0	<6.0	NA	<230	<620	<150	<20,000	<6.4	<5.1	<4.8	NA	<5.9	<420	340	51	---	---
Bromodichloromethane	<6.1	<6.0	<5.1	NA	<6.9	<6.5	<5.1	NA	<6.5	<5.1	<5.4	NA	<5.8	<6.0	<6.0	NA	<230	<620	<150	<20,000	<6.4	<5.1	<4.8	NA	<5.9	<420	820	14	---	---
Dibromomethane	<6.1	<6.0	<5.1	NA	<6.9	<6.5	<5.1	NA	<6.5	<5.1	<5.4	NA	<5.8	<6.0	<6.0	NA	<230	<620	<150	<20,000	<6.4	<5.1	<4.8	NA	<5.9	<420	---	0.33	---	---
4-Methyl-2-Pentanone	<12	<12	<10	NA	<14	<13	<10	NA	<13	<10	<11	NA	<12	<12	<12	NA	<470	<1200	<300	<40,000	<13	<10	<9.7	NA	<12	<840	4,300,000	2,800	---	---
cis-1,3-Dichloropropene	<6.1	<6.0	<5.1	NA	<6.9	<6.5	<5.1	NA	<6.5	<5.1	<5.4	NA	<5.8	<6.0	<6.0	NA	<230	<620	<150	<20,000	<6.4	<5.1	<4.8	NA	<5.9	<420	---	33	---	---
Toluene	<6.1	<6.0	<5.1	NA	<6.9	<6.5	<5.1	NA	<6.5	<5.1	<5.4	NA	<5.8	<6.0	<6.0	NA	<230	<620	<150	<20,000	<6.4	<5.1	<4.8	NA	<5.9	<420	520,000	2,900	---	---
trans-1,3-Dichloropropene	<6.1	<6.0	<5.1	NA	<6.9	<6.5	<5.1	NA	<6.5	<5.1	<5.4	NA	<5.8	<6.0	<6.0	NA	<230	<620	<150	<20,000	<6.4	<5.1	<4.8	NA	<5.9	<420	780	33	---	---
1,1,2-Trichloroethane	<6.1	<6.0	<5.1	NA	<6.9	<6.5	<5.1	NA	<6.5	<5.1	<5.4	NA	<5.8	<6.0	<6.0	NA	<230	<620	<150	<20,000	<6.4	<5.1	<4.8	NA	<5.9	<420	730	32	---	---
2-Hexanone	<12	<12	<10	NA	<14	<13	<10	NA	<13	<10	<11	NA	<12	<12	<12	NA	<470	<1200	<300	<40,000	<13	<10	<9.7	NA	<12	<840	---	---	---	---
1,3-Dichloropropane	<6.1	<6.0	<5.1	NA	<6.9	<6.5	<5.1	NA	<6.5	<5.1	<5.4	NA	<5.8	<6.0	<6.0	NA	<230	<620	<150	<20,000	<6.4	<5.1	<4.8	NA	<5.9	<420	100,000	---	---	---
Tetrachloroethene	<6.1	<6.0	<5.1	NA	<6.9	<6.5	<5.1	NA	<6.5	<5.1	<5.4	NA	<5.8	<6.0	<6.0	NA	3,100	7,300	1,600	<20,000	<6.4	<5.1	<4.8	NA	<5.9	4,500	480	87	1,300	240
Dibromochloromethane	<6.1	<6.0	<5.1	NA	<6.9	<6.5	<5.1	NA	<6.5	<5.1	<5.4	NA	<5.8	<6.0	<6.0	NA	<230	<620	<150	<20,000	<6.4	<5.1	<4.8	NA	<5.9	<420	1,100	19	---	---
1,2-Dibromoethane	<6.1	<6.0	<5.1	NA	<6.9	<6.5	<5.1	NA	<6.5	<5.1	<5.4	NA	<5.8	<6.0	<6.0	NA	<230	<620	<150	<20,000	<6.4	<5.1	<4.8	NA	<5.9	<420	32	0.33	---	---
Chlorobenzene	<6.1	<6.0	<5.1	NA	<6.9	<6.5	<5.1	NA	<6.5	<5.1	<5.4	NA	<5.8	<6.0	<6.0	NA	<230	<620	<150	<20,000	<6.4	<5.1	<4.8	NA	<5.9	<420	150,000	1,500	---	---
1,1,1,2-Tetrachloroethane	<6.1	<6.0	<5.1	NA	<6.9	<6.5	<5.1	NA	<6.5	<5.1	<5.4	NA	<5.8	<6.0	<6.0	NA	<230	<620	<150	<20,000	<6.4	<5.1	<4.8	NA	<5.9	<420	3,200	24	---	---

TABLE 2
SOIL SAMPLE LABORATORY ANALYTICAL RESULTS
VOLATILE ORGANIC COMPOUNDS
MERCURY CLEANERS
SACRAMENTO, CALIFORNIA

ANALYTE	SAMPLE IDENTIFICATION																									SCREENING LEVELS (µg/kg)			
	B1-S-2-1	B1-S-5-1	B1-S-10-1	B1-S-15-1	B2-S-2-1	B2-S-5-1	B2-S-10-1	B2-S-15-1	B3-S-2-1	B3-S-5-1	B3-S-10-1	B3-S-15-1	B4-S-2-1	B4-S-5-1	B4-S-10-1	B4-S-15-1	B5-S-2-1	B5-S-5-1	B5-S-10-1	B5-S-15-1*	B6-S-2-1	B6-S-5-1	B6-S-10-1	B6-S-15-1	B22-S-2-1	B25-S-2-1	Residential		Commercial	
	ANALYTICAL RESULTS (µg/kg)																										PRGs	ESLs	PRGs	ESLs
Ethylbenzene	<6.1	<6.0	<5.1	NA	<6.9	<6.5	<5.1	NA	<6.5	<5.1	<5.4	NA	<5.8	<6.0	<6.0	NA	<230	<620	<150	<20,000	<6.4	<5.1	<4.8	NA	<5.9	<420	400,000	3,300	---	---
m,p-Xylenes	<6.1	<6.0	<5.1	NA	<6.9	<6.5	<5.1	NA	<6.5	<5.1	<5.4	NA	<5.8	<6.0	<6.0	NA	<230	<620	<150	24,000	<6.4	<5.1	<4.8	NA	<5.9	<420	270,000	2,300	420,000	2,300
o-Xylene	<6.1	<6.0	<5.1	NA	<6.9	<6.5	<5.1	NA	<6.5	<5.1	<5.4	NA	<5.8	<6.0	<6.0	NA	<230	<620	<150	<20,000	<6.4	<5.1	<4.8	NA	<5.9	<420	270,000	2,300	---	---
Styrene	<6.1	<6.0	<5.1	NA	<6.9	<6.5	<5.1	NA	<6.5	<5.1	<5.4	NA	<5.8	<6.0	<6.0	NA	<230	<620	<150	<20,000	<6.4	<5.1	<4.8	NA	<5.9	<420	1,700,000	1,500	---	---
Bromoform	<6.1	<6.0	<5.1	NA	<6.9	<6.5	<5.1	NA	<6.5	<5.1	<5.4	NA	<5.8	<6.0	<6.0	NA	<230	<620	<150	<20,000	<6.4	<5.1	<4.8	NA	<5.9	<420	62,000	2,200	---	---
Isopropylbenzene	<6.1	<6.0	<5.1	NA	<6.9	<6.5	<5.1	NA	<6.5	<5.1	<5.4	NA	<5.8	<6.0	<6.0	NA	<230	<620	<150	<20,000	<6.4	<5.1	<4.8	NA	<5.9	<420	570,000	---	---	---
1,1,2,2-Tetrachloroethane	<6.1	<6.0	<5.1	NA	<6.9	<6.5	<5.1	NA	<6.5	<5.1	<5.4	NA	<5.8	<6.0	<6.0	NA	<230	<620	<150	<20,000	<6.4	<5.1	<4.8	NA	<5.9	<420	410	9.1	---	---
1,2,3-Trichloropropane	<6.1	<6.0	<5.1	NA	<6.9	<6.5	<5.1	NA	<6.5	<5.1	<5.4	NA	<5.8	<6.0	<6.0	NA	<230	<620	<150	<20,000	<6.4	<5.1	<4.8	NA	<5.9	<420	34	---	---	---
Propylbenzene	<6.1	<6.0	<5.1	NA	<6.9	<6.5	<5.1	NA	<6.5	<5.1	<5.4	NA	<5.8	<6.0	<6.0	NA	<230	<620	<150	<20,000	<6.4	<5.1	<4.8	NA	<5.9	<420	240,000	---	---	---
Bromobenzene	<6.1	<6.0	<5.1	NA	<6.9	<6.5	<5.1	NA	<6.5	<5.1	<5.4	NA	<5.8	<6.0	<6.0	NA	<230	<620	<150	<20,000	<6.4	<5.1	<4.8	NA	<5.9	<420	28,000	---	---	---
1,3,5-Trimethylbenzene	<6.1	<6.0	<5.1	NA	<6.9	<6.5	<5.1	NA	<6.5	<5.1	<5.4	NA	<5.8	<6.0	<6.0	NA	<230	<620	<150	39,000	<6.4	<5.1	<4.8	NA	<5.9	<420	21,000	---	70,000	---
2-Chlorotoluene	<6.1	<6.0	<5.1	NA	<6.9	<6.5	<5.1	NA	<6.5	<5.1	<5.4	NA	<5.8	<6.0	<6.0	NA	<230	<620	<150	<20,000	<6.4	<5.1	<4.8	NA	<5.9	<420	---	---	---	---
4-Chlorotoluene	<6.1	<6.0	<5.1	NA	<6.9	<6.5	<5.1	NA	<6.5	<5.1	<5.4	NA	<5.8	<6.0	<6.0	NA	<230	<620	<150	<20,000	<6.4	<5.1	<4.8	NA	<5.9	<420	---	---	---	---
tert-Butylbenzene	<6.1	<6.0	<5.1	NA	<6.9	<6.5	<5.1	NA	<6.5	<5.1	<5.4	NA	<5.8	<6.0	<6.0	NA	<230	<620	<150	<20,000	<6.4	<5.1	<4.8	NA	<5.9	<420	390,000	---	---	---
1,2,4-Trimethylbenzene	<6.1	<6.0	<5.1	NA	<6.9	<6.5	<5.1	NA	<6.5	<5.1	<5.4	NA	<5.8	<6.0	<6.0	NA	<230	<620	<150	110,000	<6.4	<5.1	<4.8	NA	<5.9	<420	52,000	---	170,000	---
sec-Butylbenzene	<6.1	<6.0	<5.1	NA	<6.9	<6.5	<5.1	NA	<6.5	<5.1	<5.4	NA	<5.8	<6.0	<6.0	NA	<230	<620	<150	<20,000	<6.4	<5.1	<4.8	NA	<5.9	<420	220,000	---	---	---
para-Isopropyl Toluene	<6.1	<6.0	<5.1	NA	<6.9	<6.5	<5.1	NA	<6.5	<5.1	<5.4	NA	<5.8	<6.0	<6.0	NA	<230	<620	<150	<20,000	<6.4	<5.1	<4.8	NA	<5.9	<420	N/A	---	---	---
1,3-Dichlorobenzene	<6.1	<6.0	<5.1	NA	<6.9	<6.5	<5.1	NA	<6.5	<5.1	<5.4	NA	<5.8	<6.0	<6.0	NA	<230	<620	<150	<20,000	<6.4	<5.1	<4.8	NA	<5.9	<420	530,000	7,400	---	---
1,4-Dichlorobenzene	<6.1	<6.0	<5.1	NA	<6.9	<6.5	<5.1	NA	<6.5	<5.1	<5.4	NA	<5.8	<6.0	<6.0	NA	<230	<620	<150	<20,000	<6.4	<5.1	<4.8	NA	<5.9	<420	3,400	46	---	---
n-Butylbenzene	<6.1	<6.0	<5.1	NA	<6.9	<6.5	<5.1	NA	<6.5	<5.1	<5.4	NA	<5.8	<6.0	<6.0	NA	<230	<620	<150	**22,000**	<6.4	<5.1	<4.8	NA	<5.9	<420 *	240,000	---	240,000	---
1,2-Dichlorobenzene	<6.1	<6.0	<5.1	NA	<6.9	<6.5	<5.1	NA	<6.5	<5.1	<5.4	NA	<5.8	<6.0	<6.0	NA	<230	<620	<150	<20,000	<6.4	<5.1	<4.8	NA	<5.9	<420	600,000	1,100	---	---
1,2-Dibromo-3-Chloropropane	<6.1	<6.0	<5.1	NA	<6.9	<6.5	<5.1	NA	<6.5	<5.1	<5.4	NA	<5.8	<6.0	<6.0	NA	<230	<620	<150	<20,000	<6.4	<5.1	<4.8	NA	<5.9	<420	460	4.5	---	---
1,2,4-Trichlorobenzene	<6.1	<6.0	<5.1	NA	<6.9	<6.5	<5.1	NA	<6.5	<5.1	<5.4	NA	<5.8	<6.0	<6.0	NA	<230	<620	<150	<20,000	<6.4	<5.1	<4.8	NA	<5.9	<420	62,000	380	---	---
Hexachlorobutadiene	<6.1	<6.0	<5.1	NA	<6.9	<6.5	<5.1	NA	<6.5	<5.1	<5.4	NA	<5.8	<6.0	<6.0	NA	<230	<620	<150	<20,000	<6.4	<5.1	<4.8	NA	<5.9	<420	6,200	1,000	---	---
Naphthalene	<6.1	<6.0	<5.1	NA	<6.9	<6.5	<5.1	NA	<6.5	<5.1	<5.4	NA	<5.8	<6.0	<6.0	NA	<230	<620	<150	31,000	<6.4	<5.1	<4.8	NA	<5.9	<420	56,000	460	190,000	1,500
1,2,3-Trichlorobenzene	<6.1	<6.0	<5.1	NA	<6.9	<6.5	<5.1	NA	<6.5	<5.1	<5.4	NA	<5.8	<6.0	<6.0	NA	<230	<620	<150	<20,000	<6.4	<5.1	<4.8	NA	<5.9	<420	---	---	---	---

NOTES:
ESLs = San Francisco Bay RWQCB Environmental Screening Levels - Shallow Soils (= 3 mbgs) - Where Groundwater is a Current or Potential Source of Drinking Water (February 2005)
PRGs = USEPA Preliminary Remedial Goals
Volatile Organic Compounds analyzed using EPA Method 8260B
Shaded cells indicate concentrations reported greater than Screening Levels
Bold indicates analysis above laboratory reporting limit
µg/kg = micrograms per kilogram
< = below laboratory reporting limit
NA=not analyzed
--- = Screening levels were either not available or not applicable because the compound was not detected above reporting limits.
*Holding time exceeded

TABLE 3
SOIL SAMPLE LABORATORY ANALYTICAL RESULTS
LUFT 5 METALS
MERCURY CLEANERS
SACRAMENTO, CALIFORNIA

SAMPLE IDENTIFICATION	ANALYTE				
	Cadmium	Chromium	Lead	Nickel	Zinc
	ANALYTICAL RESULTS (mg/kg)				
B1-S-2-1	**1.1**	**51**	**7.9**	**46**	**45**
B1-S-5-1	**1.3**	**54**	**8.2**	**63**	**64**
B1-S-10-1	**1.3**	**60**	**8.8**	**63**	**58**
B1-S-15-1	NA	NA	NA	NA	NA
B2-S-2-1	**1.5**	**60**	**94**	**52**	**56**
B2-S-5-1	**1.4**	**59**	**8.3**	**64**	**66**
B2-S-10-1	**1.3**	**56**	**9.2**	**58**	**57**
B2-S-15-1	NA	NA	NA	NA	NA
B3-S-2-1	**1.1**	**55**	**36**	**52**	**54**
B3-S-5-1	**1.3**	**55**	**7.6**	**59**	**54**
B3-S-10-1	**1.1**	**57**	**8.8**	**59**	**58**
B3-S-15-1	NA	NA	NA	NA	NA
B4-S-2-1	NA	NA	NA	NA	NA
B4-S-5-1	NA	NA	NA	NA	NA
B4-S-10-1	NA	NA	NA	NA	NA
B4-S-15-1	NA	NA	NA	NA	NA
B5-S-2-1	NA	NA	NA	NA	NA
B5-S-5-1	NA	NA	NA	NA	NA
B5-S-10-1	NA	NA	NA	NA	NA
B5-S-15-1	NA	NA	NA	NA	NA
B6-S-2-1	NA	NA	NA	NA	NA
B6-S-5-1	NA	NA	NA	NA	NA
B6-S-10-1	NA	NA	NA	NA	NA
B6-S-15-1	NA	NA	NA	NA	NA
B22-S-2-1	**1.3**	**42**	**1,000**	**39**	**150**
B25-S-2-1	NA	NA	NA	NA	NA
Screening Levels (mg/kg)	37[a]	210[a]	150[a]	1,600[a]	23,000[a]
	450[b]	450[b]	800[b]	20,000[b]	100,000b
	1.7[c]	100,000[c]	150[c]	1,600[c]	23,000[c]
	7.5[d]	100,000[d]	3,500[d]	16,000[d]	100,000[d]

NOTES:

a=USEPA **Residential** PRGs (October 2004)
b=USEPA **Commercial** PRGs (October 2004)
c=Cal EPA **Residential** CHHSLs for Soil (January 2005)
d=Cal EPA **Commercial** CHHSLs for Soil (January 2005)
LUFT 5 Metals analyzed using EPA Method 6010B
mg/kg = milligrams per kilogram
Shaded cells indicate concentrations reported greater than Screening Levels
Bold indicates analysis reported above laboratory reporting limit
NA= Not analyzed
< = below laboratory reporting limits

TABLE 4
GROUNDWATER SAMPLE ANALYTICAL DATA
TOTAL PETROLEUM HYDROCARBONS AS GASOLINE, DIESEL AND MOTOR OIL
MERCURY CLEANERS
SACRAMENTO, CALIFORNIA

SAMPLE IDENTIFICATION	ANALYTE		
	TPH-G	TPH-D	TPH-MO
	ANALYTICAL RESULTS (µg/L)		
B3-GW-1	**58YZ**	<50	<300
B6-GW-1	**280YZ**	<50	<300
B16-GW-1	**310YY**	<50	<300
B28-GW-1	<50	<50	<300
B29-GW-1	<50	NA	NA
Screening Levels (µg/L)	100[a]	100[a]	100[a]

NOTES:
a = San Francisco Bay RWQCB Environmental Screening Levels for Residential Use - Shallow Soils (= 3 mbgs) - Where Groundwater is a Current or Potential Source of Drinking Water (February 2005)
TPH-G, TPH-D and TPH-MO = Total petroleum hydrocarbons as gasoline, diesel and motor oil
TPH-G, TPH-D and TPH-MO analyzed using EPA Method 8015M
µg/L = Micrograms per liter
< = Below laboratory reporting limits
Shaded cells indicate concentrations reported greater than Screening Levels
Bold indicates analysis above laboratory reporting limits
H indicates heavier hydrocarbons contributed to the quantitation
Y indicates the sample exhibits a chromatographic pattern which does not resemble standard
L indicates lighter hydrocarbons contributed to the quantitation
NA = Not analyzed
N/A = Not available

TABLE 5
GROUNDWATER SAMPLE LABORATORY ANALYTICAL RESULTS
VOLATILE ORGANIC COMPOUNDS
MERCURY CLEANERS
SACRAMENTO, CALIFORNIA

ANALYTE	SAMPLE ID					Screening Levels (µg/L)	
	B3-GW-1	B6-GW-1	B16-GW-1	B28-GW-1	B29-GW-1		
	ANALYTICAL RESULTS (µg/L)					ESLs	MCLs
Freon 12	<1.0	<10	<10	<1.0	<1.0	—	—
Chloromethane	<1.0	<10	<10	<1.0	<1.0	2.7	—
Vinyl Chloride	<0.5	<5.0	<5.0	<0.5	<0.5	0.5	0.5
Bromomethane	<1.0	<10	<10	<1.0	<1.0	9.8	—
Chloroethane	<1.0	<10	<10	<1.0	<1.0	12	—
Trichlorofluoromethane	<1.0	<10	<10	<1.0	<1.0	—	150
Acetone	<10	<100	<100	<10	<10	1500	—
Freon 113	<0.5	<5.0	<5.0	<0.5	<0.5	—	—
1,1-Dichloroethene	<0.5	<5.0	<5.0	<0.5	<0.5	6.0	6.0
Methylene Chloride	<10	<100	<100	<10	<10	5.0	—
Carbon Disulfide	<0.5	<5.0	<5.0	<0.5	<0.5	—	—
MTBE	<0.5	<5.0	<5.0	<0.5	<0.5	5.0	13
trans-1,2-Dichloroethene	<0.5	<5.0	<5.0	<0.5	<0.5	10	—
Vinyl Acetate	<10	<100	<100	<10	<10	—	—
1,1-Dichloroethane	<0.5	<5.0	<5.0	<0.5	<0.5	5.0	5.0
2-Butanone	<10	<100	<100	<10	<10	4200	—
cis-1,2-Dichloroethene	14	100	100	<0.5	<0.5	6.0	6.0
2,2-Dichloropropane	<0.5	<5.0	<5.0	<0.5	<0.5	—	—
Chloroform	**1.4**	<5.0	<5.0	<0.5	<0.5	70	—
Bromochloromethane	<0.5	<5.0	<5.0	<0.5	<0.5	100	—
1,1,1-Trichloroethane	<0.5	<5.0	<5.0	<0.5	<0.5	62	—
1,1-Dichloropropene	<0.5	<5.0	<5.0	<0.5	<0.5	—	—
Carbon Tetrachloride	<0.5	<5.0	<5.0	<0.5	<0.5	0.5	0.5
1,2-Dichloroethane	<0.5	<5.0	<5.0	<0.5	<0.5	0.5	0.5
Benzene	<0.5	<5.0	<5.0	<0.5	<0.5	1.0	1.0
Trichloroethene	12	110	110	<0.5	<0.5	5.0	5.0
1,2-Dichloropropane	<0.5	<5.0	<5.0	<0.5	<0.5	5.0	5.0
Bromodichloromethane	<0.5	<5.0	<5.0	<0.5	<0.5	100	—
Dibromomethane	<0.5	<5.0	<5.0	<0.5	<0.5	—	—
4-Methyl-2-Pentanone	<10	<100	<100	<10	<10	—	—
cis-1,3-Dichloropropene	<0.5	<5.0	<5.0	<0.5	<0.5	—	—
Toluene	<0.5	<5.0	<5.0	<0.5	<0.5	40	150
trans-1,3-Dichloropropene	<0.5	<5.0	<5.0	<0.5	<0.5	—	—
1,1,2-Trichloroethane	<0.5	<5.0	<5.0	<0.5	<0.5	5.0	5.0
2-Hexanone	<10	<100	<100	<10	<10	—	—
1,3-Dichloropropane	<0.5	<5.0	<5.0	<0.5	<0.5	—	—
Tetrachloroethene	140	810	930	<0.5	<0.5	5.0	5.0
Dibromochloromethane	<0.5	<5.0	<5.0	<0.5	<0.5	—	—
1,2-Dibromoethane	<0.5	<5.0	<5.0	<0.5	<0.5	0.05	—

TABLE 5
GROUNDWATER SAMPLE LABORATORY ANALYTICAL RESULTS
VOLATILE ORGANIC COMPOUNDS
MERCURY CLEANERS
SACRAMENTO, CALIFORNIA

ANALYTE	SAMPLE ID					Screening Levels (µg/L)	
	B3-GW-1	B6-GW-1	B16-GW-1	B28-GW-1	B29-GW-1		
	ANALYTICAL RESULTS (µg/L)					ESLs	MCLs
Chlorobenzene	<0.5	<5.0	<5.0	<0.5	<0.5	25	—
1,1,1,2-Tetrachloroethane	<0.5	<5.0	<5.0	<0.5	<0.5	1.3	—
Ethylbenzene	<0.5	<5.0	<5.0	<0.5	<0.5	30	300
m,p-Xylenes	<0.5	<5.0	<5.0	<0.5	<0.5	20	—
o-Xylene	<0.5	<5.0	<5.0	<0.5	<0.5	20	—
Styrene	<0.5	<5.0	<5.0	<0.5	<0.5	10	100
Bromoform	<1.0	<10	<10	<1.0	<1.0	100	—
Isopropylbenzene	<0.5	<5.0	<5.0	<0.5	<0.5	—	—
1,1,2,2-Tetrachloroethane	<0.5	<5.0	<5.0	<0.5	<0.5	1.0	1.0
1,2,3-Trichloropropane	<0.5	<5.0	<5.0	<0.5	<0.5	—	—
Propylbenzene	<0.5	<5.0	<5.0	<0.5	<0.5	—	—
Bromobenzene	<0.5	<5.0	<5.0	<0.5	<0.5	—	—
1,3,5-Trimethylbenzene	<0.5	<5.0	<5.0	<0.5	<0.5	—	—
2-Chlorotoluene	<0.5	<5.0	<5.0	<0.5	<0.5	—	—
4-Chlorotoluene	<0.5	<5.0	<5.0	<0.5	<0.5	—	—
tert-Butylbenzene	<0.5	<5.0	<5.0	<0.5	<0.5	—	—
1,2,4-Trimethylbenzene	<0.5	<5.0	<5.0	<0.5	<0.5	—	—
sec-Butylbenzene	<0.5	<5.0	<5.0	<0.5	<0.5	—	—
para-Isopropyl Toluene	<0.5	<5.0	<5.0	<0.5	<0.5	—	—
1,3-Dichlorobenzene	<0.5	<5.0	<5.0	<0.5	<0.5	65	—
1,4-Dichlorobenzene	<0.5	<5.0	<5.0	<0.5	<0.5	5.0	5.0
n-Butylbenzene	<0.5	<5.0	<5.0	<0.5	<0.5	—	—
1,2-Dichlorobenzene	<0.5	<5.0	<5.0	<0.5	<0.5	10	600
1,2-Dibromo-3-Chloropropane	<2.0	<20	<20	<2.0	<2.0	—	—
1,2,4-Trichlorobenzene	<0.5	<5.0	<5.0	<0.5	<0.5	25	5.0
Hexachlorobutadiene	<0.5	<5.0	<5.0	<0.5	<0.5	—	—
Naphthalene	<2.0	<20	<20	<2.0	<2.0	17	—
1,2,3-Trichlorobenzene	<0.5	<5.0	<5.0	<0.5	<0.5	—	—

Notes:
ESLs = San Francisco Bay RWQCB Environmental Screening Levels - Shallow Soils (= 3 mbgs) - Where Groundwater is a current or potential source of drinking water (February 2005)
MCLs = Maximum Contaminant Levels for drinking water
Shaded cells indicate concentrations reported greater than Screening Levels
Bold indicates analysis above laboratory reporting limits
µg/L = Micrograms per liter
NA = Not analyzed
VOCs analyzed using EPA Method 8260B
< = Below laboratory reporting limit
--- = Not available

TABLE 6
GROUNDWATER SAMPLE LABORATORY ANALYTICAL RESULTS
LUFT 5 METALS
MERCURY CLEANERS
SACRAMENTO, CALIFORNIA

SAMPLE IDENTIFICATION	ANALYTE				
	Cadmium	Chromium	Lead	Nickel	Zinc
	ANALYTICAL RESULTS (µg/L)				
B3-GW-1	<5.0	**15**	<3.0	<20	<20
B6-GW-1	<5.0	**27**	<3.0	<20	<20
B16-GW-1	<5.0	**31**	<3.0	<20	<20
B28-GW-1	<5.0	<10	<3.0	<20	<20
B29-GW-1	NA	NA	NA	NA	NA
***Screening Levels (µg/L)**	5.0[a]	50[a]	15[a]	100[b]	81[c]

NOTES:
LUFT 5 Metals analyzed using EPA Method 6010B
< = Below laboratory reporting limit
NA = Not analyzed
µg/L = micrograms per liter
a = California Department of Health Services Regulatory Action Level (2003)
b = California Code of Regulations, Title 22, MCLs (2003)
c = San Francisco Bay RWQCB Environmental Screening Levels for Residential Use - Shallow Soils (= 3 mbgs) - Where Groundwater is a Current or Potential Source of Drinking Water (February 2005)

Bold indicates analysis above laboratory reporting limits

TABLE 7
SOIL GAS SAMPLE ANALYTICAL DATA
VOLATILE ORGANIC COMPOUNDS
MERCURY CLEANERS, SACRAMENTO, CALIFORNIA

ANALYTE	SAMPLE ID			SCREENING LEVELS (µg/m³)			
	B2-SG-5-1	B5-SG-5-1	B12-SG-5-1	ESLs		CHHSLs	
	ANALYTICAL RESULTS (µg/m³)			Residential	Commercial	Residential	Commercial
Freon 12	< 3.6	< 3.3	< 3.6	--	--	--	--
Freon 114	< 5.1	< 4.6	< 5.0	--	--	--	--
Chloromethane	< 6.0	< 5.4	< 5.9	330	1,100	--	--
Vinyl Chloride	< 1.9	< 1.7	< 1.8	32	110	--	--
1,3-Butadiene	**14**	< 1.5	< 1.6	--	--	--	--
Bromomethane	< 2.8	< 2.6	< 2.8	--	--	--	--
Chloroethane	< 1.9	< 1.7	< 1.9	2,900	9,900	--	--
Freon 11	< 4.1	< 3.7	< 4.0	--	--	--	--
Ethanol	**13**	**15**	**8.1**	--	--	--	--
Freon 113	< 5.6	< 5.0	< 5.5	--	--	--	--
1,1-Dichloroethene	< 2.9	< 2.6	< 2.8	--	--	--	--
Acetone	**170**	**12**	**100**	660,000	1,800,000	--	--
2-Propanol	< 7.2	< 6.5	< 7.1	--	--	--	--
Carbon Disulfide	< **3.7**	< 2.0	**4.1**	--	--	--	--
3-Chloropropene	< 9.1	< 8.3	< 9.0	--	--	--	--
Methylene Chloride	< 2.5	< 2.3	< 2.5	2,400	8,000	--	--
Methyl tert-butyl ether	< 2.6	< 2.4	< 2.6	9,400	31,000	--	--
trans-1,2-Dichloroethene	< 2.9	< 2.6	< 2.8	14,600	40,880	--	--
Hexane	**12**	< 2.3	**3.4**	--	--	--	--
1,1-Dichloroethane	< 3.0	< 2.7	< 2.9	120	390	--	--
2-Butanone (Methyl Ethyl Ketone)	**26**	< 1.9	**9.7**	211,700	592,760	--	--
cis-1,2-Dichloroethene	< 2.9	**7.0**	< 2.8	7,300	20,440	15,900	44,000
Tetrahydrofuran	**5.5**	**2.8**	**4.0**	--	--	--	--
Chloroform	< 3.6	< 3.2	< 3.5	448	1,506	--	--
1,1,1-Trichloroethane	< 4.0	< 3.6	< 3.9	--	--	--	--
Cyclohexane	**6.7**	< 2.3	< 2.5	--	--	--	--
Carbon Tetrachloride	< 4.6	< 4.2	< 4.5	--	--	--	--
2,2,4-Trimethylpentane	**210**	3.1	**110**	--	--	--	--
Benzene	**26**	< 2.1	< **5.5**	85	286	36.2	122
1,2-Dichloroethane	< 3.0	< 2.7	< 2.9	--	--	--	--
Heptane	**9.5**	< 2.7	**5.4**	--	--	--	--
Trichloroethene	< 3.9	**8.4**	< 3.9	1,217	4,088	528	1,770
1,2-Dichloropropane	< 3.4	< 3.0	< 3.3	--	--	--	--
1,4-Dioxane	< 10	< 9.5	< 10	--	--	--	--
Bromodichloromethane	< 4.9	< 4.4	< 4.8	--	--	--	--
cis-1,3-Dichloropropene	< 3.3	< 3.0	< 3.3	--	--	--	--
4-Methyl-2-pentanone	< 3.0	< 2.7	< 2.9	--	--	--	--

TABLE 7
SOIL GAS SAMPLE ANALYTICAL DATA
VOLATILE ORGANIC COMPOUNDS
MERCURY CLEANERS, SACRAMENTO, CALIFORNIA

ANALYTE	SAMPLE ID			SCREENING LEVELS (µg/m³)			
	B2-SG-5-1	B5-SG-5-1	B12-SG-5-1	ESLs		CHHSLs	
	ANALYTICAL RESULTS (µg/m³)			Residential	Commercial	Residential	Commercial
Toluene	**71**	**3.8**	**32**	62,561	175,171	135,000	378,000
trans-1,3-Dichloropropene	< 3.3	< 3.0	< 3.3	--	--	--	--
1,1,2-Trichloroethane	< 4.0	< 3.6	< 3.9	500	--	--	--
Tetrachloroethene	**28**	**780**	**20**	406	1,363	180	603
2-Hexanone	< 12	< 11	< 12	--	--	--	--
Dibromochloromethane	< 6.2	< 5.6	< 6.1	--	--	--	--
1,2-Dibromoethane (EDB)	< 5.6	< 5.1	< 5.5	--	--	--	--
Chlorobenzene	< 3.4	< 3.0	< 3.3	--	--	--	--
Ethyl Benzene	**12**	< 2.9	**7.9**	416,100	1,165,080	--	--
m,p-Xylene	**24**	**3.1**	**19**	146,000	408,800	319,000	887,000
o-Xylene	**11**	< 2.9	**10**	146,000	408,800	319,000	887,000
Styrene	**70**	< 2.8	**61**	211,700	592,760	--	--
Bromoform	< 7.5	< 6.8	< 7.4	--	--	--	--
Cumene	**3.8**	< 3.2	< 3.5	--	--	--	--
1,1,2,2-Tetrachloroethane	< 5.0	< 4.5	< 4.9	--	--	--	--
Propylbenzene	**3.6**	< 3.2	< 3.5	--	--	--	--
4-Ethyltoluene	**7.9**	< 3.2	**7.4**	--	--	--	--
1,3,5-Trimethylbenzene	< 3.6	< 3.2	< 3.5	--	--	--	--
1,2,4-Trimethylbenzene	**9.6**	< 3.2	**10**	--	--	--	--
1,3-Dichlorobenzene	< 4.4	< 4.0	< 4.3	--	--	--	--
1,4-Dichlorobenzene	< 4.4	< 4.0	< 4.3	--	--	--	--
alpha-Chlorotoluene	< 3.8	< 3.4	< 3.7	--	--	--	--
1,2-Dichlorobenzene	< 4.4	< 4.0	< 4.3	--	--	--	--
1,2,4-Trichlorobenzene	< 22	< 20	< 21	--	--	--	--
Hexachlorobutadiene	< 31	< 28	< 31	--	--	--	--

Notes:

µg/m³ = micrograms per meter cubed
< = Less than laboratory reporting limit
Soil gas samples analyzed using US EPA Method TO-15
ESLs = San Francisco Bay RWQCB Environmental Screening Levels, Shallow Soil Gas Screening Levels (February 2005).
CHHSLs = Cal EPA California Human Health Screening Levels, Shallow Soil Gas (January 2005)
Bold indicates analysis above laboratory reporting limits
Shaded cells indicate concentrations reported greater than Screening Levels
--- = Screening levels were either not available or not applicable because the compound was not detected above reporting limits.

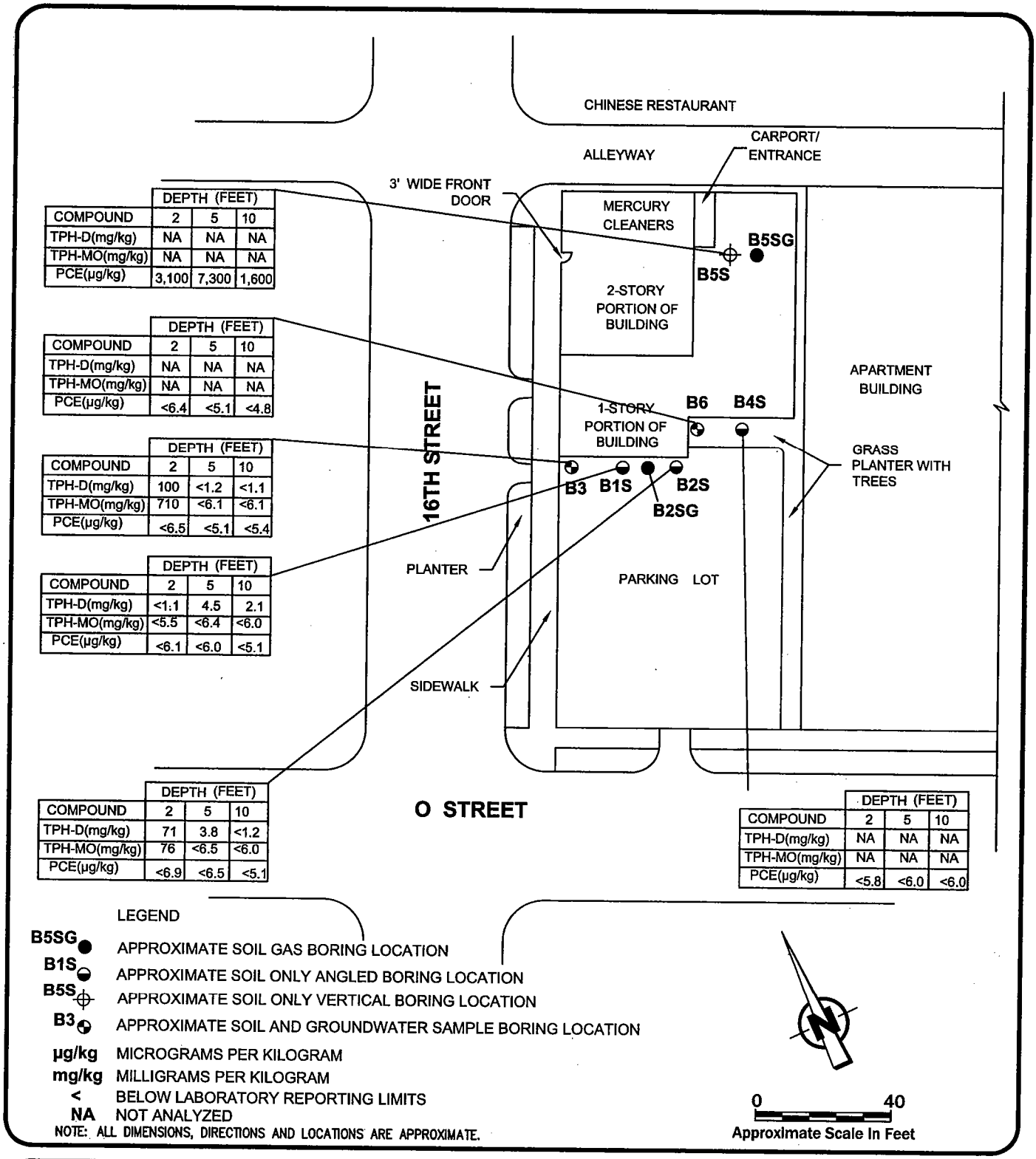
REFERENCE: 2005THOMAS GUIDE FOR SACRAMENTO & SOLOANO COUNTIES STREET GUIDE AND DIRECTORIES

Ninyo & Moore

SITE LOCATION MAP

MERCURY CLEANERS
1419 16TH STREET
SACRAMENTO, CALIFORNIA

PROJECT NO.	DATE	FIGURE
401071003	9/2006	1



COMPOUND	DEPTH (FEET) 2	5	10
TPH-D(mg/kg)	NA	NA	NA
TPH-MO(mg/kg)	NA	NA	NA
PCE(µg/kg)	3,100	7,300	1,600

COMPOUND	DEPTH (FEET) 2	5	10
TPH-D(mg/kg)	NA	NA	NA
TPH-MO(mg/kg)	NA	NA	NA
PCE(µg/kg)	<6.4	<5.1	<4.8

COMPOUND	DEPTH (FEET) 2	5	10
TPH-D(mg/kg)	100	<1.2	<1.1
TPH-MO(mg/kg)	710	<6.1	<6.1
PCE(µg/kg)	<6.5	<5.1	<5.4

COMPOUND	DEPTH (FEET) 2	5	10
TPH-D(mg/kg)	<1.1	4.5	2.1
TPH-MO(mg/kg)	<5.5	<6.4	<6.0
PCE(µg/kg)	<6.1	<6.0	<5.1

COMPOUND	DEPTH (FEET) 2	5	10
TPH-D(mg/kg)	71	3.8	<1.2
TPH-MO(mg/kg)	76	<6.5	<6.0
PCE(µg/kg)	<6.9	<6.5	<5.1

COMPOUND	DEPTH (FEET) 2	5	10
TPH-D(mg/kg)	NA	NA	NA
TPH-MO(mg/kg)	NA	NA	NA
PCE(µg/kg)	<5.8	<6.0	<6.0

LEGEND

B5SG ● APPROXIMATE SOIL GAS BORING LOCATION
B1S APPROXIMATE SOIL ONLY ANGLED BORING LOCATION
B5S APPROXIMATE SOIL ONLY VERTICAL BORING LOCATION
B3 APPROXIMATE SOIL AND GROUNDWATER SAMPLE BORING LOCATION
µg/kg MICROGRAMS PER KILOGRAM
mg/kg MILLIGRAMS PER KILOGRAM
< BELOW LABORATORY REPORTING LIMITS
NA NOT ANALYZED

NOTE: ALL DIMENSIONS, DIRECTIONS AND LOCATIONS ARE APPROXIMATE.

0 40
Approximate Scale In Feet

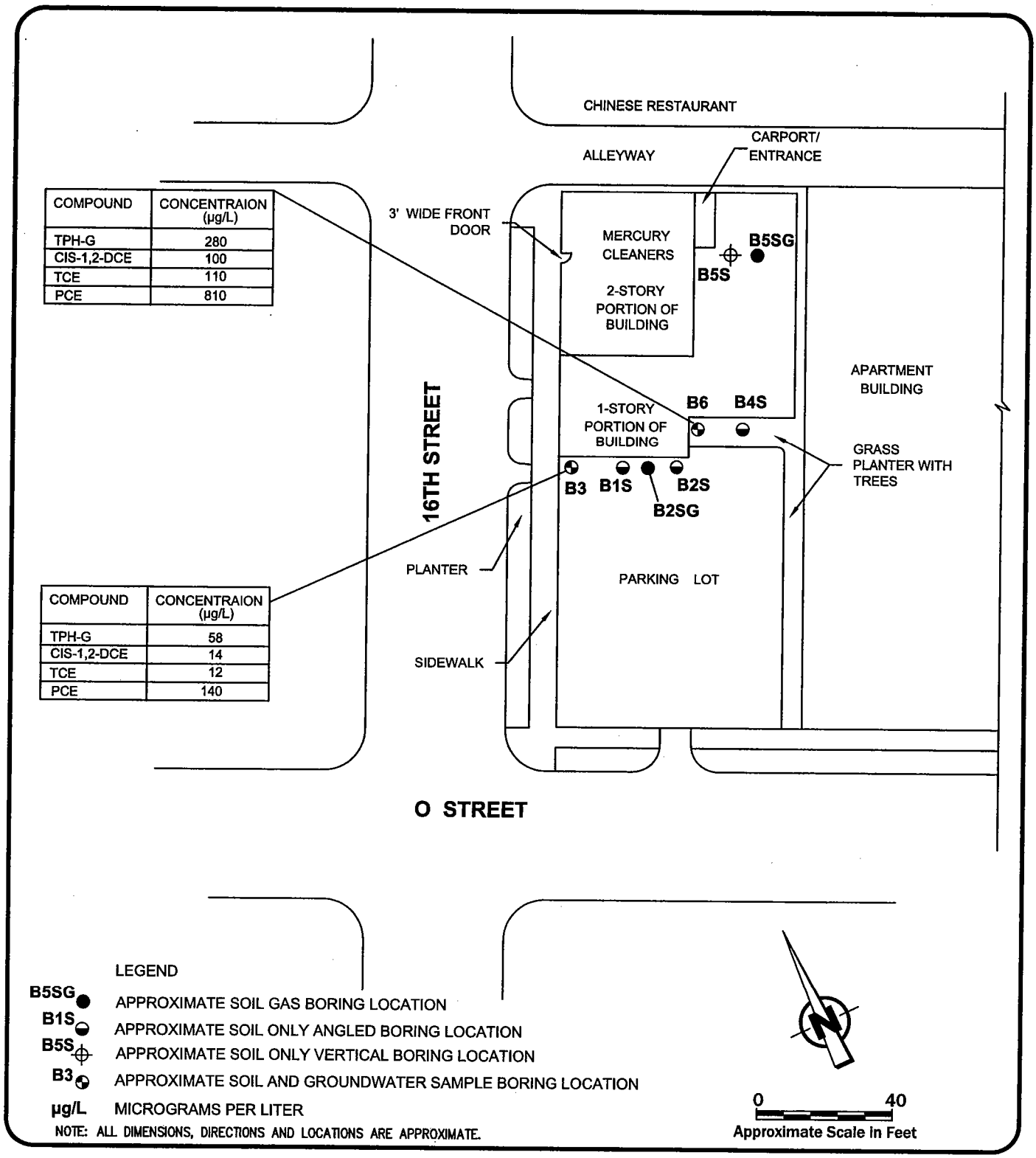
401071FIG2rev.DWG

Ninyo & Moore

SOIL SAMPLE CONCENTRATION MAP

1419 16th STREET
SACRAMENTO, CALIFORNIA

PROJECT NO.	DATE	FIGURE
401071003	9/2006	2



COMPOUND	CONCENTRAION (µg/L)
TPH-G	280
CIS-1,2-DCE	100
TCE	110
PCE	810

COMPOUND	CONCENTRAION (µg/L)
TPH-G	58
CIS-1,2-DCE	14
TCE	12
PCE	140

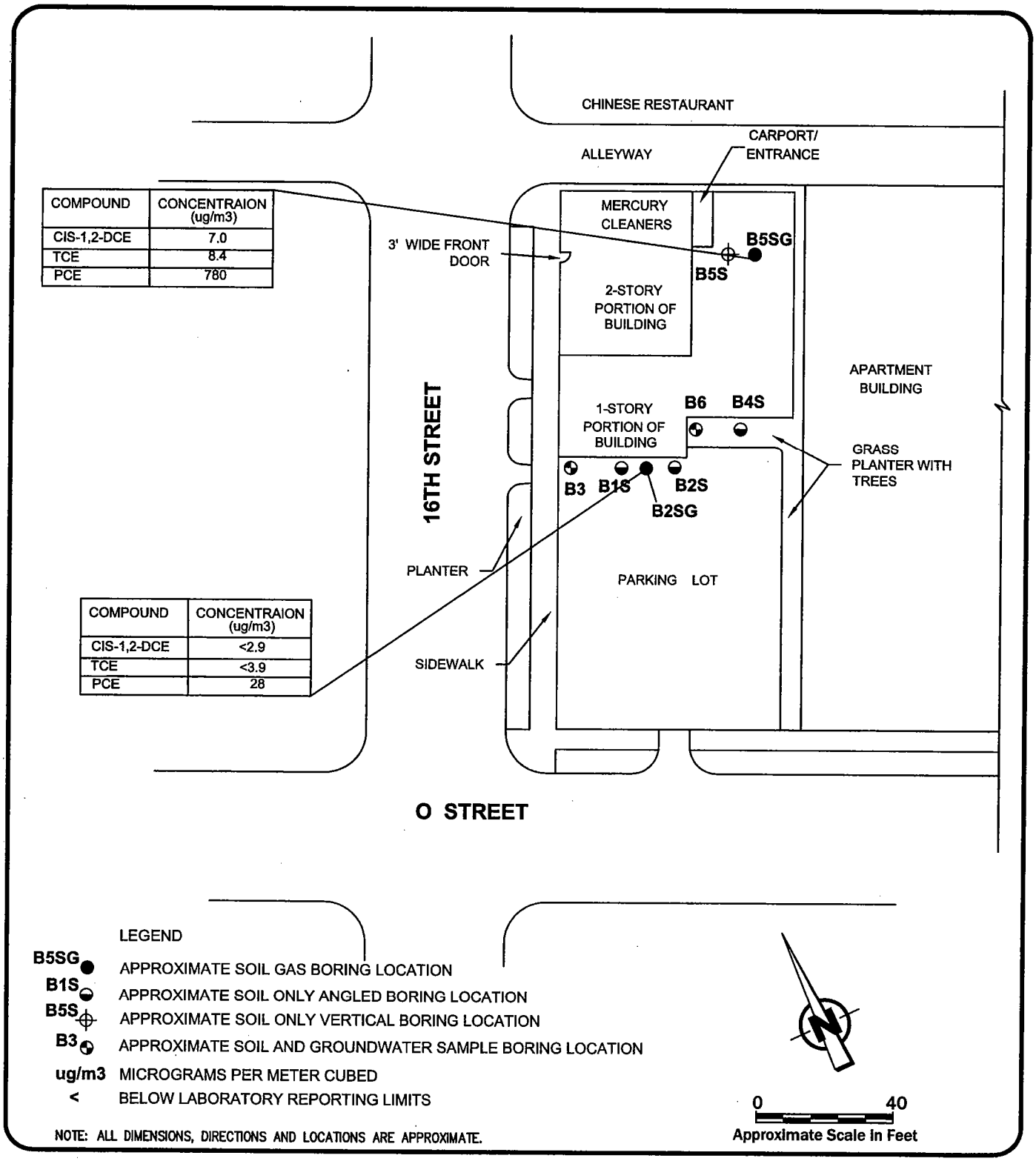
401071FIG2rev.DWG

Ninyo & Moore

SHALLOW GROUNDWATER SAMPLE CONCENTRATION MAP

1419 16th STREET
SACRAMENTO, CALIFORNIA

PROJECT NO.	DATE	FIGURE
401071003	9/2006	3



COMPOUND	CONCENTRAION (ug/m3)
CIS-1,2-DCE	7.0
TCE	8.4
PCE	780

COMPOUND	CONCENTRAION (ug/m3)
CIS-1,2-DCE	<2.9
TCE	<3.9
PCE	28

LEGEND

B5SG APPROXIMATE SOIL GAS BORING LOCATION
B1S APPROXIMATE SOIL ONLY ANGLED BORING LOCATION
B5S APPROXIMATE SOIL ONLY VERTICAL BORING LOCATION
B3 APPROXIMATE SOIL AND GROUNDWATER SAMPLE BORING LOCATION
ug/m3 MICROGRAMS PER METER CUBED
< BELOW LABORATORY REPORTING LIMITS

NOTE: ALL DIMENSIONS, DIRECTIONS AND LOCATIONS ARE APPROXIMATE.

0 40
Approximate Scale in Feet

401071FIG4rev.DWG

Ninyo & Moore

SOIL GAS SAMPLE CONCENTRATION MAP

1419 16th STREET
SACRAMENTO, CALIFORNIA

PROJECT NO.	DATE	FIGURE
401071003	9/2006	4

APPENDIX A

BORING LOGS

DATE DRILLED 11/19/05 BORING NO. B-1

GROUND ELEVATION 100'± (MSL) SHEET 1 OF 1

METHOD OF DRILLING 2-inch Diameter Geoprobe (Resonant Sonic)

DRIVE WEIGHT DROP

SAMPLED BY KML LOGGED BY KML REVIEWED BY PEF

DEPTH (feet)	SAMPLES Bulk	SAMPLES Driven	BLOWS/FOOT	MOISTURE (%)	DRY DENSITY (PCF)	PID READING (PPM)	SYMBOL	CLASSIFICATION U.S.C.S.	DESCRIPTION/INTERPRETATION
0						0.0		GW	ASPHALT: Approximately 3 inches thick.
								CL	FILL: Black brown, dry, sandy GRAVEL; slight petroleum odor; gravel up to 1 inch in diameter.
	■					0.0			ALLUVIUM: Brown, moist, sandy CLAY; 30% fine sand.
									No odor.
5	■					0.0			
10	■					0.0			
15	■					0.0			Total Depth = 15 feet. Groundwater not encountered during drilling. Backfilled with Portland Cement on 11/19/05.
20									

Ninyo & Moore

BORING LOG

Mercury Cleaners
Sacramento, California

PROJECT NO.	DATE	FIGURE
401071002	8/06	A-1

DATE DRILLED 11/19/05 BORING NO. B-2

GROUND ELEVATION 100'± (MSL) SHEET 1 OF 1

METHOD OF DRILLING 2-inch Diameter Geoprobe (Resonant Sonic)

DRIVE WEIGHT DROP

SAMPLED BY KML LOGGED BY KML REVIEWED BY PEF

DEPTH (feet)	SAMPLES Bulk	SAMPLES Driven	BLOWS/FOOT	MOISTURE (%)	DRY DENSITY (PCF)	PID READING (PPM)	SYMBOL	CLASSIFICATION U.S.C.S.	DESCRIPTION/INTERPRETATION
0								GW	ASPHALT: Approximately 3 inches thick.
								CL	FILL: Black brown, dry, sandy GRAVEL; coarse sand; gravel up to 3 inches in diameter.
	■					0.0			ALLUVIUM: Brown, moist, sandy CLAY; 30% fine sand.
									Slight petroleum odor between 4 and 5 feet in depth.
5	■					32			
10	■					0.0			
15	■					0.0			Total Depth = 15 feet. Groundwater not encountered during drilling. Backfilled with Portland Cement on 11/19/05.
20									

Ninyo & Moore

BORING LOG

Mercury Cleaners
Sacramento, California

PROJECT NO.	DATE	FIGURE
401071002	8/06	A-2

DATE DRILLED 11/19/05 BORING NO. B-3

GROUND ELEVATION 100'± (MSL) SHEET 1 OF 2

METHOD OF DRILLING 2-inch Diameter Geoprobe (Resonant Sonic)

DRIVE WEIGHT DROP

SAMPLED BY KML LOGGED BY KML REVIEWED BY PEF

DEPTH (feet)	SAMPLES Bulk	SAMPLES Driven	BLOWS/FOOT	MOISTURE (%)	DRY DENSITY (PCF)	PID READING (PPM)	SYMBOL	CLASSIFICATION U.S.C.S.	DESCRIPTION/INTERPRETATION
0									ASPHALT:
								GP	Approximately 4 inches thick.
								CL	FILL:
									Brown black, dry, sandy GRAVEL; slight diesel odor; gravel up to 2- inches in diameter.
									ALLUVIUM:
	■					0.0			Light brown, moist, sandy CLAY; slight petroleum odor.
									Brown; damp.
5	■					0.0			
10	■					0.0			
15	■					0.0			
20									

Ninyo & Moore

BORING LOG

Mercury Cleaners
Sacramento, California

PROJECT NO.	DATE	FIGURE
401071002	8/06	A-3

DATE DRILLED 11/19/05 BORING NO. B-3

GROUND ELEVATION 100'± (MSL) SHEET 2 OF 2

METHOD OF DRILLING 2-inch Diameter Geoprobe (Resonant Sonic)

DRIVE WEIGHT _____ DROP _____

SAMPLED BY KML LOGGED BY KML REVIEWED BY PEF

DEPTH (feet)	SAMPLES Bulk	SAMPLES Driven	BLOWS/FOOT	MOISTURE (%)	DRY DENSITY (PCF)	PID READING (PPM)	SYMBOL	CLASSIFICATION U.S.C.S.	DESCRIPTION/INTERPRETATION
20				▽				CL	ALLUVIUM: (Continued) Brown, damp, sandy CLAY; no odor.
25									Total Depth = 24 feet. Groundwater encountered at approximately 20 feet after drilling. Backfilled with Portland Cement on 11/20/05.
30									
35									
40									

Ninyo & Moore

BORING LOG

Mercury Cleaners
Sacramento, California

PROJECT NO.	DATE	FIGURE
401071002	8/06	A-4

DATE DRILLED 11/19/05 BORING NO. B-4

GROUND ELEVATION 100'± (MSL) SHEET 1 OF 1

METHOD OF DRILLING 2-inch Diameter Geoprobe (Resonant Sonic)

DRIVE WEIGHT _____ DROP _____

SAMPLED BY KML LOGGED BY KML REVIEWED BY PEF

DEPTH (feet)	SAMPLES Bulk	SAMPLES Driven	BLOWS/FOOT	MOISTURE (%)	DRY DENSITY (PCF)	PID READING (PPM)	SYMBOL	CLASSIFICATION U.S.C.S.	DESCRIPTION/INTERPRETATION
0								CL	ALLUVIUM: Light brown, dry to moist, sandy CLAY; 30% fine sand; no odor.
	■					0.0			
									Brown; moist; silty.
5	■					0.0			
									Trace rootlets.
10	■					0.0			
15	■					0.0			
				▽					Wet.
20									Total Depth = 16 feet. Groundwater encountered at approximately 16 feet after drilling. Backfilled with Portland Cement on 11/19/05.

Ninyo & Moore

BORING LOG

Mercury Cleaners
Sacramento, California

PROJECT NO.	DATE	FIGURE
401071002	8/06	A-5

DATE DRILLED 11/19/05 BORING NO. B-5

GROUND ELEVATION 100'± (MSL) SHEET 1 OF 1

METHOD OF DRILLING 2-inch Diameter Geoprobe (Resonant Sonic)

DRIVE WEIGHT _____ DROP _____

SAMPLED BY KML LOGGED BY KML REVIEWED BY PEF

DEPTH (feet)	SAMPLES Bulk	SAMPLES Driven	BLOWS/FOOT	MOISTURE (%)	DRY DENSITY (PCF)	PID READING (PPM)	SYMBOL	CLASSIFICATION U.S.C.S.	DESCRIPTION/INTERPRETATION
0									CONCRETE: Approximately 8 inches thick.
								CL	FILL: Reddish yellow, dry, sandy CLAY; no odor; 30% fine sand.
	■					0.0			
								CL	ALLUVIUM: Brown, moist, silty SAND; no odor.
5	■					0.0			
10	■					25			Petroleum odor between 10 and 11 foot depth.
15	■					150			
				▽					Total Depth = 16 feet. Groundwater not encountered during drilling. Backfilled with Portland Cement on 11/19/05.
20									

Ninyo & Moore

BORING LOG

Mercury Cleaners
Sacramento, California

PROJECT NO.	DATE	FIGURE
401071002	8/06	A-6

DATE DRILLED 11/19/05 BORING NO. B-6

GROUND ELEVATION 100'± (MSL) SHEET 1 OF 2

METHOD OF DRILLING 2-inch Diameter Geoprobe (Resonant Sonic)

DRIVE WEIGHT _____ DROP _____

SAMPLED BY KML LOGGED BY KML REVIEWED BY PEF

DEPTH (feet)	SAMPLES Bulk	SAMPLES Driven	BLOWS/FOOT	MOISTURE (%)	DRY DENSITY (PCF)	PID READING (PPM)	SYMBOL	CLASSIFICATION U.S.C.S.	DESCRIPTION/INTERPRETATION
0								CL	ALLUVIUM: Brown, moist, sandy CLAY; no odor.
	■					0.0			
									Brown; moist; silty.
5	■					0.0			
10	■					0.0			
15	■					0.0			
20									

Ninyo & Moore

BORING LOG

Mercury Cleaners
Sacramento, California

PROJECT NO.	DATE	FIGURE
401071002	8/06	A-7

DATE DRILLED 11/19/05 BORING NO. B-6

GROUND ELEVATION 100'± (MSL) SHEET 2 OF 2

METHOD OF DRILLING 2-inch Diameter Geoprobe (Resonant Sonic)

DRIVE WEIGHT _____ DROP _____

SAMPLED BY KML LOGGED BY KML REVIEWED BY PEF

DEPTH (feet)	SAMPLES Bulk	SAMPLES Driven	BLOWS/FOOT	MOISTURE (%)	DRY DENSITY (PCF)	PID READING (PPM)	SYMBOL	CLASSIFICATION U.S.C.S.	DESCRIPTION/INTERPRETATION
20				▽				CL	ALLUVIUM: (Continued) Brown, moist, silty CLAY; no odor.
25									Total Depth = 24 feet. Groundwater encountered at approximately 20 feet after drilling. Backfilled with Portland Cement on 11/19/05.
30									
35									
40									

Ninyo & Moore

BORING LOG

Mercury Cleaners
Sacramento, California

PROJECT NO.	DATE	FIGURE
401071002	8/06	A-8

APPENDIX B

LABORATORY ANALYTICAL REPORTS

Curtis & Tompkins, Ltd., Analytical Laboratories, Since 1878
2323 Fifth Street, Berkeley, CA 94710, Phone (510) 486-0900

ANALYTICAL REPORT

Prepared for:

Ninyo & Moore
1956 Webster St.
Suite 400
Oakland, CA 94612

RECEIVED
DEC 16 2005
NINYO AND MOORE
OAKLAND OFFICE

Date: 09-DEC-05
Lab Job Number: 183323
Project ID: STANDARD
Location: Mercury Cleaners

This data package has been reviewed for technical correctness and completeness. Release of this data has been authorized by the Laboratory Manager or the Manager's designee, as verified by the following signatures. The results contained in this report meet all requirements of NELAC and pertain only to those samples which were submitted for analysis.

Reviewed by: _____
Project Manager

Reviewed by: _____
Operations Manager

This package may be reproduced only in its entirety.

NELAP # 01107CA

Curtis & Tompkins, Ltd.

CASE NARRATIVE

Laboratory number:	**183323**
Client:	**Ninyo & Moore**
Location:	**Mercury Cleaners**
Request Date:	**11/21/05**
Samples Received:	**11/21/05**

This hardcopy data package contains sample and QC results for eighteen soil samples and four water samples, requested for the above referenced project on 11/21/05. The samples were received cold and intact.

TPH-Purgeables and/or BTXE by GC (EPA 8015B) Water:
No analytical problems were encountered.

TPH-Purgeables and/or BTXE by GC (EPA 8015B) Soil:
No analytical problems were encountered.

TPH-Extractables by GC (EPA 8015B) Water:
No analytical problems were encountered.

TPH-Extractables by GC (EPA 8015B) Soil:
No analytical problems were encountered.

Volatile Organics by GC/MS (EPA 8260B) Water:
No analytical problems were encountered.

Volatile Organics by GC/MS (EPA 8260B) Soil:
Encore samples not analyzed within 48 hours were frozen. Low recoveries were observed for a number of analytes in the MS/MSD for batch 108233; the parent sample was not a project sample, and the LCS was within limits. High RPD was observed for chlorobenzene, 1,1-dichloroethene, and trichloroethene; these analytes were not detected at or above the RL in the associated samples. High recoveries were observed for trichloroethene in the MS/MSD for batch 108019; the parent sample was not a project sample, the LCS was within limits, the associated RPD was within limits, and this analyte was not detected at or above the RL in the associated samples. High RPD was observed for chlorobenzene in the MS/MSD for batch 108198; the parent sample was not a project sample, and this analyte was not detected at or above the RL in the associated sample. Naphthalene was detected above the RL in the method blank for batch 108019; this analyte was not detected in samples at or above the RL. No other analytical problems were encountered.

Metals (EPA 6010B) Water:
No analytical problems were encountered.

Metals (EPA 6010B) Soil:
No analytical problems were encountered.

Curtis & Tompkins, Ltd.

CASE NARRATIVE

Laboratory number:	**183323**
Client:	**Ninyo & Moore**
Location:	**Mercury Cleaners**
Request Date:	**11/21/05**
Samples Received:	**11/21/05**

Moisture (ASTM D2216/CLP):

No analytical problems were encountered.

Curtis & Tompkins, Ltd.
Analytical Laboratory Since 1878
2323 Fifth Street
Berkeley, CA 94710
(510) 486-0900 Phone
(510) 486-0532 Fax

CHAIN OF CUSTODY

C & T LOGIN #: 183323

Sampler: Kris Larson

Report To: Same

Company: Ninyo & Moore

Telephone: (510) 633-5640

Fax: (510) 633-5646

Project No.: 401071001

Project Name: Mercury Cleanout

Project P.O.:

Turnaround Time: Normal

Analysis

Lab No.	Sample ID.	Sampling Date Time	Matrix: Soil	Matrix: Water	Matrix: Waste	# of Containers	Preservative: HCL	Preservative: H_2SO_4	Preservative: HNO_3	Preservative: ICE	TPH-G (8015M)	TPH-DIMO (8015M)	VOCs (8260B)	LUFT 5 Metals (6010B)	LAB QA/QC	Level 4 Data Validation	
-1	B1-S-2-1 ✓	11/19-1435	✓			8				✓	X	X	X	X	X		
-2	B1-S-5-1 ✓	1450				4					X	X	X	X			
-3	B1-S-10-1 ✓	1500				4					X	X	X	X			
-4	B1-S-15-1 ✓	1504				4					X	X	X	X			HOLD
-5	B2-S-2-1 ✓	1530				4					X	X	X	X			
-6	B2-S-5-1 ✓	1537				4					X	X	X	X			← No Validation
-7	B2-S-10-1 ✓	1600				4					X	X	X	X			
-8	B2-S-15-1 ✓	1605				4					X	X	X	X			HOLD
-9	B22-S-2-1 ✓	1545				4					X	X	X	X			
-10	B3-S-2-1 ✓	905				5					X	X	X	X			
-11	B3-S-5-1 ✓	930				4					X	X	X	X			
N/A	B3-S-10-1 ✓	935				4					X	X	X	X	X		
-12	B3-S-15-1 ✓	940				4					X	X	X	X			HOLD

Notes:
Level 4 data Validation for Sample B3-S-10-1

SAMPLE RECEIPT
☑ Intact ☑ Cold
☑ On Ice ☐ Ambient
Preservative Correct?
☐ Yes ☐ No ☐ N/A

RELINQUISHED BY:
[signature] 11/21 8:30 DATE / TIME
DATE / TIME
DATE / TIME

RECEIVED BY:
[signature] 11/21/05 8:30 DATE / TIME
DATE / TIME
DATE / TIME

SIGNATURE

Curtis & Tompkins, Ltd.
Analytical Laboratory Since 1878
2323 Fifth Street
Berkeley, CA 94710
(510) 486-0900 Phone
(510) 486-0532 Fax

CHAIN OF CUSTODY

C & T LOGIN #: 183323

Project No.: 401 071021
Project Name: Mercury Comes
Project P.O.:
Turnaround Time: Normal

Sampler: Kris Larsen
Report To: " "
Company: Ninyo & Moore
Telephone: (510) 633-5740
Fax: " " 5646

Analysis

Lab No.	Sample ID.	Sampling Date Time	Matrix: Soil	Matrix: Water	Matrix: Waste	# of Containers	Preservative: HCL	Preservative: H_2SO_4	Preservative: HNO_3	Preservative: ICE	TPHG (8015m)	TPHD/mo (8015m)	VOCs (8260B)	LUFT 5 metals (6010B)	LAB QA/QC	Level of Data Validation							
-13	B4-S-2-1	11/9 1317	✓			7				✓			X	X									
-14	B4-S-5-1	1322				4							X										
-15	B4-S-10-1	1332				4							X										
-16	B4-S-15-1	1406				4							X				HOLD						
-17	B5-S-2-1	1315				4							X										
-18	B5-S-5-1	1320				4							X										
N/A	B5-S-10-1	1325				4							X		X								
-19	B5-S-15-1	1330				4							X				HOLD						
-20	B25-S-2-1	1400				4							X										
-21	B6-S-2-1	910				5							X										
-22	B6-S-5-1	1015				4							X										
-23	B6-S-10-1	1020				4							X										
-24	B6-S-15-1	1025				4							X				HOLD						

Notes:
Level 4 data Validation for Sample B5-S-10-1

SAMPLE RECEIPT
☑ Intact ☐ Cold
☑ On Ice ☐ Ambient
Preservative Correct?
☐ Yes ☐ No ☐ N/A

RELINQUISHED BY:
[signature] 11/21 830 DATE / TIME
DATE / TIME
DATE / TIME

RECEIVED BY:
[signature] 11/21/05 8:30 DATE / TIME
DATE / TIME
DATE / TIME

SIGNATURE

Curtis & Tompkins, Ltd.
Analytical Laboratory Since 1878
2323 Fifth Street
Berkeley, CA 94710
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CHAIN OF CUSTODY

C & T LOGIN #: 183323

Sampler: Kris Larson

Report To: "

Company: Ninyo & Moore

Telephone: (510) 633-5640

Fax: (510) 633-5646

Project No.: 401071021

Project Name: Mercury Cleaners

Project P.O.:

Turnaround Time: Normal

Analysis

Lab No.	Sample ID.	Sampling Date Time	Matrix: Soil	Matrix: Water	Matrix: Waste	# of Containers	Preservative: HCL	Preservative: H_2SO_4	Preservative: HNO_3	Preservative: ICE	TPH-G (8015m)	TPH-Diesel (8015m)	VOCs (8260B)	LUFT 5 metals (6010B)	LAB QA/QC	Level of Data Validation
25	B3-GW-1	11/19 1000		✓		14	8		2	✓	X	X	X	X	X	
N/A	B6-GW-1	↓ 1035		↓		7	4		1	↓	X	X	X	X		X
26	B16-GW-1	1040				7	4		1		X	X	X	X		
27	B28-GW-1	1100				7	4		1		X	X	X	X		
28	B29-GW-1	1200				4	4				X		X			

Notes:
Level 4 data Validation for Sample B6-GW-1

SAMPLE RECEIPT
☑ Intact ☑ Cold
☑ On Ice ☐ Ambient

Preservative Correct?
☐ Yes ☐ No ☐ N/A

RELINQUISHED BY:
11/21 - 830 DATE / TIME
DATE / TIME
DATE / TIME

RECEIVED BY:
11/21/05 8:30 DATE / TIME
DATE / TIME
DATE / TIME

SIGNATURE

Curtis & Tompkins, Ltd.

COOLER RECEIPT CHECKLIST

Login#: 183323 Date Received: 11/21/05 Number of Coolers: 2
Client: Ningo + Moore Project: Mercury Cleaners

A. Preliminary Examination Phase
Date Opened: 11/21/05 By (print): John P. (sign) [signature]

1. Did cooler come with a shipping slip (airbill, etc.)? ..... YES (NO)
   If YES, enter carrier name and airbill number: _____
2. Were custody seals on outside of cooler? ..... YES (NO)
   How many and where? _____ Seal date: _____ Seal name: _____
3. Were custody seals unbroken and intact at the date and time of arrival? ..... YES NO N/A
4. Were custody papers dry and intact when received? ..... (YES) NO
5. Were custody papers filled out properly (ink, signed, etc.)? ..... (YES) NO
6. Did you sign the custody papers in the appropriate place? ..... (YES) NO
7. Was project identifiable from custody papers? ..... (YES) NO
   If YES, enter project name at the top of this form.
8. If required, was sufficient ice used? Samples should be 2-6 degrees C. ..... YES NO
   Type of ice: wet Temperature: on ice - no temp Ø

B. Login Phase
Date Logged In: 11/21/05 By (print): John P. (sign) [signature]

1. Describe type of packing in cooler: Zip Loc bags + Bubblewrap
2. Did all bottles arrive unbroken? ..... (YES) NO
3. Were labels in good condition and complete (ID, date, time, signature, etc.)? .. (YES) NO
4. Did bottle labels agree with custody papers? ..... (YES) NO
5. Were appropriate containers used for the tests indicated? ..... (YES) NO
6. Were correct preservatives added to samples? ..... (YES) NO
7. Was sufficient amount of sample sent for tests indicated? ..... (YES) NO
8. Were bubbles absent in VOA samples? If NO, list sample Ids below ..... YES NO
9. Was the client contacted concerning this sample delivery? ..... YES NO
   If YES, give details below.
   Who was called? _____ By whom? _____ Date: _____

Additional Comments:

_____
_____
_____
_____
_____
_____

Curtis & Tompkins, Ltd.

Total Volatile Hydrocarbons

Lab #:	183323	Location:	Mercury Cleaners
Client:	Ninyo & Moore	Prep:	EPA 5030B
Project#:	STANDARD	Analysis:	EPA 8015B
Matrix:	Water	Sampled:	11/19/05
Units:	ug/L	Received:	11/21/05
Diln Fac:	1.000	Analyzed:	11/22/05
Batch#:	107998		

Field ID: B3-GW-1 Lab ID: 183323-025
Type: SAMPLE

Analyte	Result	RL
Gasoline C7-C12	58 Y Z	50

Surrogate	%REC	Limits
Trifluorotoluene (FID)	99	62-141
Bromofluorobenzene (FID)	102	78-134

Field ID: B16-GW-1 Lab ID: 183323-026
Type: SAMPLE

Analyte	Result	RL
Gasoline C7-C12	310 Y Z	50

Surrogate	%REC	Limits
Trifluorotoluene (FID)	96	62-141
Bromofluorobenzene (FID)	101	78-134

Field ID: B28-GW-1 Lab ID: 183323-027
Type: SAMPLE

Analyte	Result	RL
Gasoline C7-C12	ND	50

Surrogate	%REC	Limits
Trifluorotoluene (FID)	97	62-141
Bromofluorobenzene (FID)	104	78-134

Y= Sample exhibits chromatographic pattern which does not resemble standard
Z= Sample exhibits unknown single peak or peaks
ND= Not Detected
RL= Reporting Limit

5.0

Curtis & Tompkins, Ltd.

Total Volatile Hydrocarbons

Lab #:	183323	Location:	Mercury Cleaners
Client:	Ninyo & Moore	Prep:	EPA 5030B
Project#:	STANDARD	Analysis:	EPA 8015B
Matrix:	Water	Sampled:	11/19/05
Units:	ug/L	Received:	11/21/05
Diln Fac:	1.000	Analyzed:	11/22/05
Batch#:	107998		

Field ID: B29-GW-1 Lab ID: 183323-028
Type: SAMPLE

Analyte	Result	RL
Gasoline C7-C12	ND	50

Surrogate	%REC	Limits
Trifluorotoluene (FID)	99	62-141
Bromofluorobenzene (FID)	101	78-134

Type: BLANK Lab ID: QC318133

Analyte	Result	RL
Gasoline C7-C12	ND	50

Surrogate	%REC	Limits
Trifluorotoluene (FID)	99	62-141
Bromofluorobenzene (FID)	106	78-134

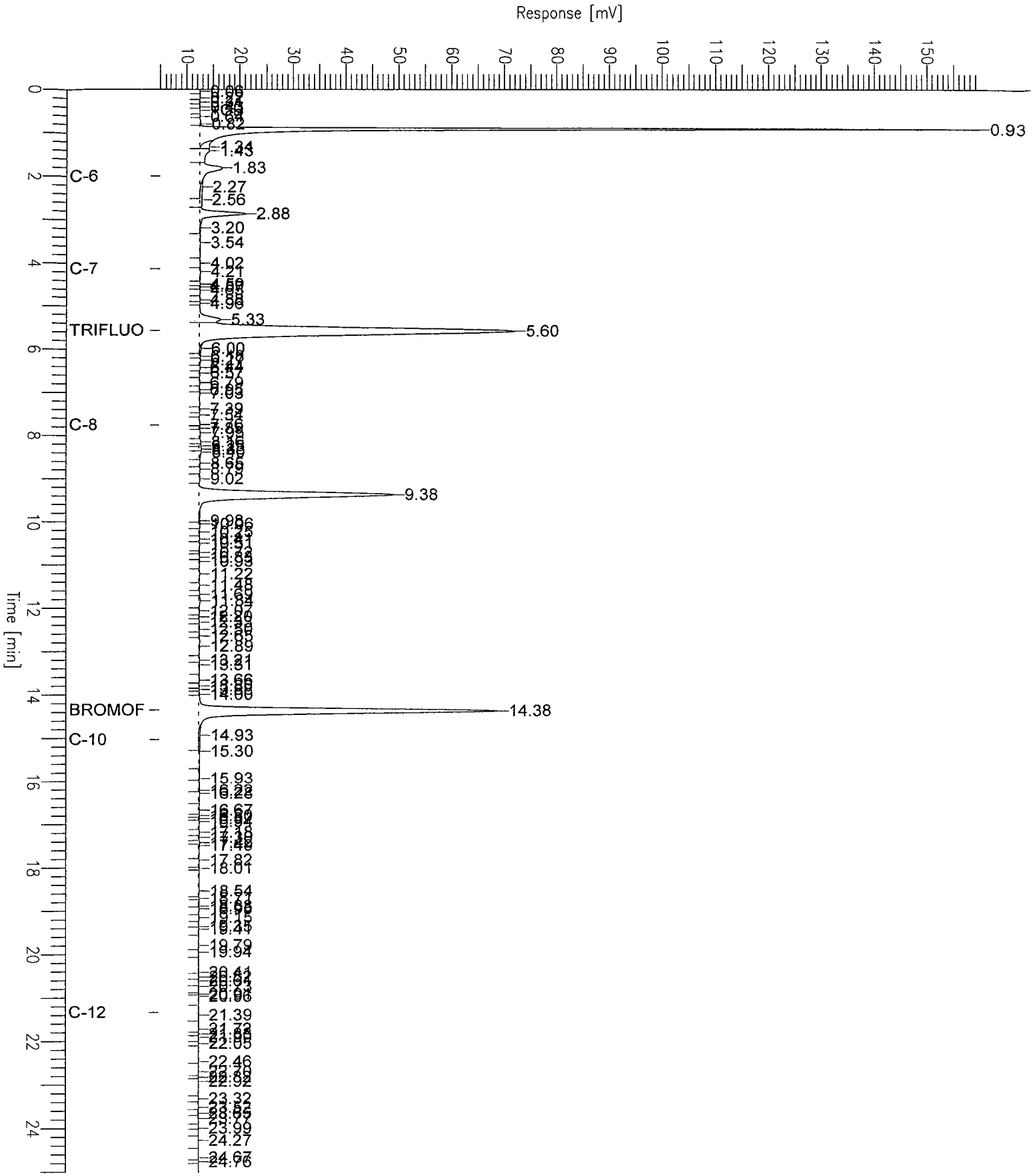
Y= Sample exhibits chromatographic pattern which does not resemble standard
Z= Sample exhibits unknown single peak or peaks
ND= Not Detected
RL= Reporting Limit

5.0

Chromatogram

Sample Name : mss,183323-025,107998,tvh only
FileName : G:\GC05\DATA\326G018.raw
Method : TVHBTXE
Start Time : 0.00 min End Time : 25.00 min
Scale Factor: 1.0 Plot Offset: 5 mV

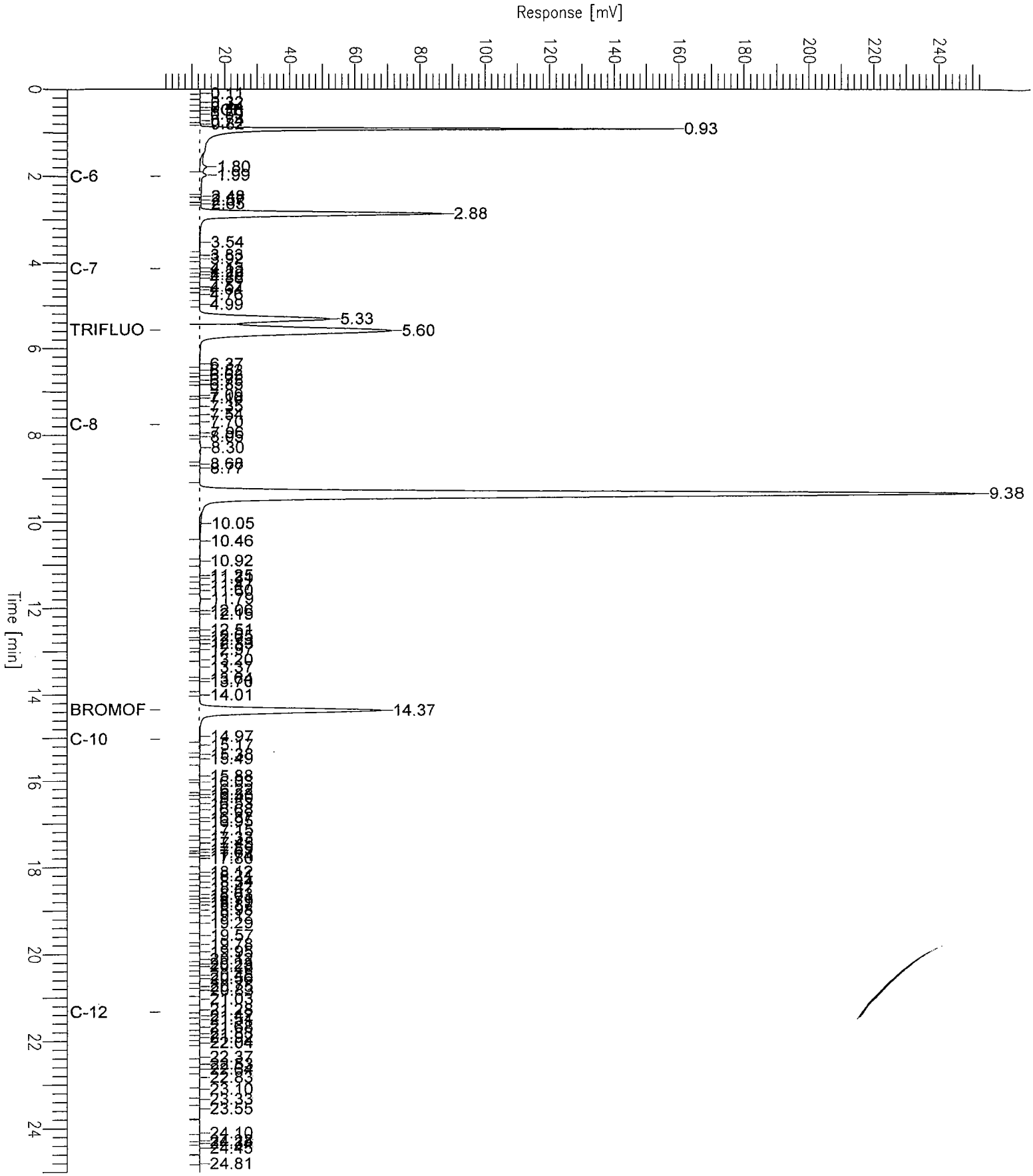
Sample #: a1.6 Page 1 of 1
Date : 11/22/05 07:33 PM
Time of Injection: 11/22/05 07:07 PM
Low Point : 5.00 mV High Point : 159.81 mV
Plot Scale: 154.8 mV



Chromatogram

Sample Name : 183323-026,107998,tvh only
FileName : G:\GC05\DATA\326G019.raw
Method : TVHBTXE
Start Time : 0.00 min End Time : 25.00 min
Scale Factor: 1.0 Plot Offset: 0 mV

Sample #: a7.0 Page 1 of 1
Date : 11/22/05 08:04 PM
Time of Injection: 11/22/05 07:39 PM
Low Point : 0.44 mV High Point : 252.23 mV
Plot Scale: 251.8 mV

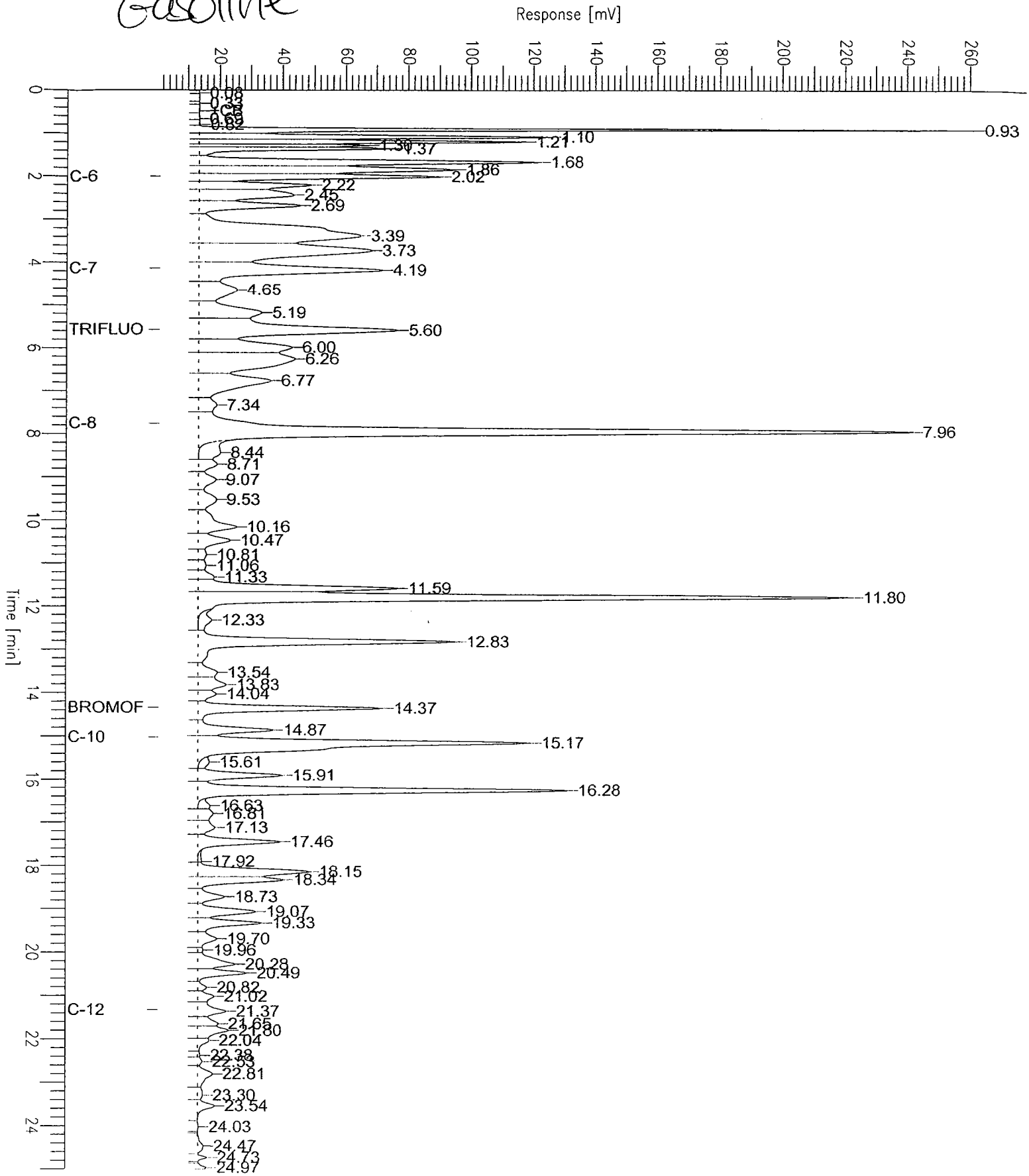


Chromatogram

Sample Name : ccv/lcs,qc318135,107998,S1928,5/5000
FileName : G:\GC05\DATA\326G003.raw
Method : TVHBTXE
Start Time : 0.00 min End Time : 25.00 min
Scale Factor: 1.0 Plot Offset: 1 mV

Sample #:
Date : 11/22/05 10:55 AM
Time of Injection: 11/22/05 10:30 AM
Low Point : 1.04 mV High Point : 261.40 mV
Plot Scale: 260.4 mV

Gasoline



Curtis & Tompkins, Ltd.

Batch QC Report

Total Volatile Hydrocarbons

Lab #:	183323	Location:	Mercury Cleaners
Client:	Ninyo & Moore	Prep:	EPA 5030B
Project#:	STANDARD	Analysis:	EPA 8015B
Type:	LCS	Diln Fac:	1.000
Lab ID:	QC318135	Batch#:	107998
Matrix:	Water	Analyzed:	11/22/05
Units:	ug/L		

Analyte	Spiked	Result	%REC	Limits
Gasoline C7-C12	2,000	1,726	86	80-120

Surrogate	%REC	Limits
Trifluorotoluene (FID)	137	62-141
Bromofluorobenzene (FID)	110	78-134

6.0

Curtis & Tompkins, Ltd.

Batch QC Report

Total Volatile Hydrocarbons

Lab #:	183323	Location:	Mercury Cleaners
Client:	Ninyo & Moore	Prep:	EPA 5030B
Project#:	STANDARD	Analysis:	EPA 8015B
Field ID:	B3-GW-1	Batch#:	107998
MSS Lab ID:	183323-025	Sampled:	11/19/05
Matrix:	Water	Received:	11/21/05
Units:	ug/L	Analyzed:	11/23/05
Diln Fac:	1.000		

Type: MS Lab ID: QC318285

Analyte	MSS Result	Spiked	Result	%REC	Limits
Gasoline C7-C12	57.80	2,000	1,786	86	80-120

Surrogate	%REC	Limits
Trifluorotoluene (FID)	127	62-141
Bromofluorobenzene (FID)	113	78-134

Type: MSD Lab ID: QC318286

Analyte	Spiked	Result	%REC	Limits	RPD	Lim
Gasoline C7-C12	2,000	1,726	83	80-120	3	20

Surrogate	%REC	Limits
Trifluorotoluene (FID)	112	62-141
Bromofluorobenzene (FID)	105	78-134

RPD= Relative Percent Difference

7.0

Curtis & Tompkins, Ltd.

Total Volatile Hydrocarbons

Lab #:	183323	Location:	Mercury Cleaners
Client:	Ninyo & Moore	Prep:	EPA 5030B
Project#:	STANDARD	Analysis:	EPA 8015B
Matrix:	Soil	Batch#:	107979
Units:	mg/Kg	Sampled:	11/19/05
Diln Fac:	1.000	Received:	11/21/05

Field ID:	B1-S-2-1	Basis:	dry
Type:	SAMPLE	Moisture:	9%
Lab ID:	183323-001	Analyzed:	11/21/05

Analyte	Result	RL
Gasoline C7-C12	ND	1.0

Surrogate	%REC	Limits
Trifluorotoluene (FID)	92	59-140
Bromofluorobenzene (FID)	95	62-149

Field ID:	B1-S-5-1	Basis:	dry
Type:	SAMPLE	Moisture:	21%
Lab ID:	183323-002	Analyzed:	11/21/05

Analyte	Result	RL
Gasoline C7-C12	ND	1.4

Surrogate	%REC	Limits
Trifluorotoluene (FID)	100	59-140
Bromofluorobenzene (FID)	90	62-149

Field ID:	B1-S-10-1	Basis:	dry
Type:	SAMPLE	Moisture:	17%
Lab ID:	183323-003	Analyzed:	11/21/05

Analyte	Result	RL
Gasoline C7-C12	ND	1.2

Surrogate	%REC	Limits
Trifluorotoluene (FID)	98	59-140
Bromofluorobenzene (FID)	99	62-149

Field ID:	B2-S-2-1	Basis:	dry
Type:	SAMPLE	Moisture:	12%
Lab ID:	183323-005	Analyzed:	11/21/05

Analyte	Result	RL
Gasoline C7-C12	ND	1.0

Surrogate	%REC	Limits
Trifluorotoluene (FID)	96	59-140
Bromofluorobenzene (FID)	95	62-149

ND= Not Detected
RL= Reporting Limit

Curtis & Tompkins, Ltd.

Total Volatile Hydrocarbons

Lab #:	183323	Location:	Mercury Cleaners
Client:	Ninyo & Moore	Prep:	EPA 5030B
Project#:	STANDARD	Analysis:	EPA 8015B
Matrix:	Soil	Batch#:	107979
Units:	mg/Kg	Sampled:	11/19/05
Diln Fac:	1.000	Received:	11/21/05

Field ID:	B2-S-5-1	Basis:	dry
Type:	SAMPLE	Moisture:	23%
Lab ID:	183323-006	Analyzed:	11/21/05

Analyte	Result	RL
Gasoline C7-C12	ND	1.3

Surrogate	%REC	Limits
Trifluorotoluene (FID)	96	59-140
Bromofluorobenzene (FID)	96	62-149

Field ID:	B2-S-10-1	Basis:	dry
Type:	SAMPLE	Moisture:	17%
Lab ID:	183323-007	Analyzed:	11/21/05

Analyte	Result	RL
Gasoline C7-C12	ND	1.3

Surrogate	%REC	Limits
Trifluorotoluene (FID)	98	59-140
Bromofluorobenzene (FID)	100	62-149

Field ID:	B22-S-2-1	Basis:	dry
Type:	SAMPLE	Moisture:	2%
Lab ID:	183323-009	Analyzed:	11/21/05

Analyte	Result	RL
Gasoline C7-C12	ND	1.0

Surrogate	%REC	Limits
Trifluorotoluene (FID)	89	59-140
Bromofluorobenzene (FID)	85	62-149

Field ID:	B3-S-2-1	Basis:	dry
Type:	SAMPLE	Moisture:	8%
Lab ID:	183323-010	Analyzed:	11/22/05

Analyte	Result	RL
Gasoline C7-C12	ND	1.1

Surrogate	%REC	Limits
Trifluorotoluene (FID)	97	59-140
Bromofluorobenzene (FID)	96	62-149

ND= Not Detected
RL= Reporting Limit

Curtis & Tompkins, Ltd.

Total Volatile Hydrocarbons

Lab #:	183323	Location:	Mercury Cleaners
Client:	Ninyo & Moore	Prep:	EPA 5030B
Project#:	STANDARD	Analysis:	EPA 8015B
Matrix:	Soil	Batch#:	107979
Units:	mg/Kg	Sampled:	11/19/05
Diln Fac:	1.000	Received:	11/21/05

Field ID:	B3-S-5-1	Basis:	dry
Type:	SAMPLE	Moisture:	18%
Lab ID:	183323-011	Analyzed:	11/22/05

Analyte	Result	RL
Gasoline C7-C12	ND	1.2

Surrogate	%REC	Limits
Trifluorotoluene (FID)	93	59-140
Bromofluorobenzene (FID)	84	62-149

Type:	BLANK	Basis:	as received
Lab ID:	QC318062	Analyzed:	11/21/05

Analyte	Result	RL
Gasoline C7-C12	ND	1.0

Surrogate	%REC	Limits
Trifluorotoluene (FID)	103	59-140
Bromofluorobenzene (FID)	96	62-149

ND= Not Detected
RL= Reporting Limit

Curtis & Tompkins, Ltd.

Batch QC Report

Total Volatile Hydrocarbons

Lab #:	183323	Location:	Mercury Cleaners
Client:	Ninyo & Moore	Prep:	EPA 5030B
Project#:	STANDARD	Analysis:	EPA 8015B
Type:	LCS	Basis:	as received
Lab ID:	QC318063	Diln Fac:	1.000
Matrix:	Soil	Batch#:	107979
Units:	mg/Kg	Analyzed:	11/21/05

Analyte	Spiked	Result	%REC	Limits
Gasoline C7-C12	10.00	9.722	97	80-120

Surrogate	%REC	Limits
Trifluorotoluene (FID)	124	59-140
Bromofluorobenzene (FID)	105	62-149

3.0

Curtis & Tompkins, Ltd.

Batch QC Report

Total Volatile Hydrocarbons

Lab #:	183323	Location:	Mercury Cleaners
Client:	Ninyo & Moore	Prep:	EPA 5030B
Project#:	STANDARD	Analysis:	EPA 8015B
Field ID:	B1-S-2-1	Diln Fac:	1.000
MSS Lab ID:	183323-001	Batch#:	107979
Matrix:	Soil	Sampled:	11/19/05
Units:	mg/Kg	Received:	11/21/05
Basis:	dry	Analyzed:	11/21/05

Type: MS Moisture: 9%
Lab ID: QC318081

Analyte	MSS Result	Spiked	Result	%REC	Limits
Gasoline C7-C12	0.1150	11.21	6.989	61	44-120

Surrogate	%REC	Limits
Trifluorotoluene (FID)	127	59-140
Bromofluorobenzene (FID)	96	62-149

Type: MSD Moisture: 9%
Lab ID: QC318082

Analyte	Spiked	Result	%REC	Limits	RPD	Lim
Gasoline C7-C12	11.69	8.292	70	44-120	13	23

Surrogate	%REC	Limits
Trifluorotoluene (FID)	133	59-140
Bromofluorobenzene (FID)	102	62-149

RPD= Relative Percent Difference

4.1

Curtis & Tompkins, Ltd.

Total Extractable Hydrocarbons

Lab #:	183323	Location:	Mercury Cleaners
Client:	Ninyo & Moore	Prep:	EPA 3520C
Project#:	STANDARD	Analysis:	EPA 8015B
Matrix:	Water	Sampled:	11/19/05
Units:	ug/L	Received:	11/21/05
Diln Fac:	1.000	Prepared:	11/22/05
Batch#:	108044		

Field ID: B3-GW-1 Lab ID: 183323-025
Type: SAMPLE Analyzed: 11/24/05

Analyte	Result	RL
Diesel C10-C24	ND	50
Motor Oil C24-C36	ND	300

Surrogate	%REC	Limits
Hexacosane	62	60-135

Field ID: B16-GW-1 Lab ID: 183323-026
Type: SAMPLE Analyzed: 11/24/05

Analyte	Result	RL
Diesel C10-C24	ND	50
Motor Oil C24-C36	ND	300

Surrogate	%REC	Limits
Hexacosane	69	60-135

Field ID: B28-GW-1 Lab ID: 183323-027
Type: SAMPLE Analyzed: 11/24/05

Analyte	Result	RL
Diesel C10-C24	ND	50
Motor Oil C24-C36	ND	300

Surrogate	%REC	Limits
Hexacosane	65	60-135

Type: BLANK Analyzed: 11/23/05
Lab ID: QC318326 Cleanup Method: EPA 3630C

Analyte	Result	RL
Diesel C10-C24	ND	50
Motor Oil C24-C36	ND	300

Surrogate	%REC	Limits
Hexacosane	106	60-135

ND= Not Detected
RL= Reporting Limit

8.0

Curtis & Tompkins, Ltd.

Batch QC Report

Total Extractable Hydrocarbons

Lab #:	183323	Location:	Mercury Cleaners
Client:	Ninyo & Moore	Prep:	EPA 3520C
Project#:	STANDARD	Analysis:	EPA 8015B
Type:	LCS	Diln Fac:	1.000
Lab ID:	QC318327	Batch#:	108044
Matrix:	Water	Prepared:	11/22/05
Units:	ug/L	Analyzed:	11/23/05

Cleanup Method: EPA 3630C

Analyte	Spiked	Result	%REC	Limits
Diesel C10-C24	2,500	2,416	97	53-138

Surrogate	%REC	Limits
Hexacosane	105	60-135

9.0

Curtis & Tompkins, Ltd.

Batch QC Report

Total Extractable Hydrocarbons

Lab #:	183323	Location:	Mercury Cleaners
Client:	Ninyo & Moore	Prep:	EPA 3520C
Project#:	STANDARD	Analysis:	EPA 8015B
Field ID:	B3-GW-1	Batch#:	108044
MSS Lab ID:	183323-025	Sampled:	11/19/05
Matrix:	Water	Received:	11/21/05
Units:	ug/L	Prepared:	11/22/05
Diln Fac:	1.000	Analyzed:	11/23/05

Type: MS Lab ID: QC318328

Analyte	MSS Result	Spiked	Result	%REC	Limits
Diesel C10-C24	<18.97	2,500	2,325	93	55-133

Surrogate	%REC	Limits
Hexacosane	94	60-135

Type: MSD Lab ID: QC318329

Analyte	Spiked	Result	%REC	Limits	RPD	Lim
Diesel C10-C24	2,500	2,477	99	55-133	6	33

Surrogate	%REC	Limits
Hexacosane	86	60-135

RPD= Relative Percent Difference

10.0

Curtis & Tompkins, Ltd.

Total Extractable Hydrocarbons

Lab #:	183323	Location:	Mercury Cleaners
Client:	Ninyo & Moore	Prep:	SHAKER TABLE
Project#:	STANDARD	Analysis:	EPA 8015B
Matrix:	Soil	Sampled:	11/19/05
Units:	mg/Kg	Received:	11/21/05
Batch#:	108129	Prepared:	11/28/05

Field ID:	B1-S-2-1	Moisture:	9%
Type:	SAMPLE	Diln Fac:	1.000
Lab ID:	183323-001	Analyzed:	11/29/05
Basis:	dry		

Analyte	Result	RL
Diesel C10-C24	ND	1.1
Motor Oil C24-C36	ND	5.5

Surrogate	%REC	Limits
Hexacosane	106	48-132

Field ID:	B1-S-5-1	Moisture:	21%
Type:	SAMPLE	Diln Fac:	1.000
Lab ID:	183323-002	Analyzed:	11/29/05
Basis:	dry		

Analyte	Result	RL
Diesel C10-C24	4.5 Y	1.3
Motor Oil C24-C36	ND	6.4

Surrogate	%REC	Limits
Hexacosane	100	48-132

Field ID:	B1-S-10-1	Moisture:	17%
Type:	SAMPLE	Diln Fac:	1.000
Lab ID:	183323-003	Analyzed:	11/28/05
Basis:	dry		

Analyte	Result	RL
Diesel C10-C24	2.1 Y	1.2
Motor Oil C24-C36	ND	6.0

Surrogate	%REC	Limits
Hexacosane	97	48-132

Field ID:	B2-S-2-1	Moisture:	12%
Type:	SAMPLE	Diln Fac:	1.000
Lab ID:	183323-005	Analyzed:	11/29/05
Basis:	dry		

Analyte	Result	RL
Diesel C10-C24	71 H Y	1.1
Motor Oil C24-C36	76	5.7

Surrogate	%REC	Limits
Hexacosane	99	48-132

H= Heavier hydrocarbons contributed to the quantitation
Y= Sample exhibits chromatographic pattern which does not resemble standard
ND= Not Detected
RL= Reporting Limit

14.1

Curtis & Tompkins, Ltd.

Total Extractable Hydrocarbons

Lab #:	183323	Location:	Mercury Cleaners
Client:	Ninyo & Moore	Prep:	SHAKER TABLE
Project#:	STANDARD	Analysis:	EPA 8015B
Matrix:	Soil	Sampled:	11/19/05
Units:	mg/Kg	Received:	11/21/05
Batch#:	108129	Prepared:	11/28/05

Field ID:	B2-S-5-1	Moisture:	23%
Type:	SAMPLE	Diln Fac:	1.000
Lab ID:	183323-006	Analyzed:	11/29/05
Basis:	dry		

Analyte	Result	RL
Diesel C10-C24	3.8 Y	1.3
Motor Oil C24-C36	ND	6.5

Surrogate	%REC	Limits
Hexacosane	95	48-132

Field ID:	B2-S-10-1	Moisture:	17%
Type:	SAMPLE	Diln Fac:	1.000
Lab ID:	183323-007	Analyzed:	11/29/05
Basis:	dry		

Analyte	Result	RL
Diesel C10-C24	ND	1.2
Motor Oil C24-C36	ND	6.0

Surrogate	%REC	Limits
Hexacosane	103	48-132

Field ID:	B22-S-2-1	Moisture:	2%
Type:	SAMPLE	Diln Fac:	1.000
Lab ID:	183323-009	Analyzed:	11/29/05
Basis:	dry		

Analyte	Result	RL
Diesel C10-C24	31 H Y	1.0
Motor Oil C24-C36	100	5.1

Surrogate	%REC	Limits
Hexacosane	116	48-132

Field ID:	B3-S-2-1	Moisture:	8%
Type:	SAMPLE	Diln Fac:	5.000
Lab ID:	183323-010	Analyzed:	11/29/05
Basis:	dry		

Analyte	Result	RL
Diesel C10-C24	100 H Y	5.5
Motor Oil C24-C36	710	27

Surrogate	%REC	Limits
Hexacosane	106	48-132

H= Heavier hydrocarbons contributed to the quantitation
Y= Sample exhibits chromatographic pattern which does not resemble standard
ND= Not Detected
RL= Reporting Limit

14.1

Curtis & Tompkins, Ltd.

Total Extractable Hydrocarbons

Lab #:	183323	Location:	Mercury Cleaners
Client:	Ninyo & Moore	Prep:	SHAKER TABLE
Project#:	STANDARD	Analysis:	EPA 8015B
Matrix:	Soil	Sampled:	11/19/05
Units:	mg/Kg	Received:	11/21/05
Batch#:	108129	Prepared:	11/28/05

Field ID:	B3-S-5-1	Moisture:	18%
Type:	SAMPLE	Diln Fac:	1.000
Lab ID:	183323-011	Analyzed:	11/29/05
Basis:	dry		

Analyte	Result	RL
Diesel C10-C24	ND	1.2
Motor Oil C24-C36	ND	6.1

Surrogate	%REC	Limits
Hexacosane	101	48-132

Type:	BLANK	Diln Fac:	1.000
Lab ID:	QC318692	Analyzed:	11/28/05
Basis:	as received		

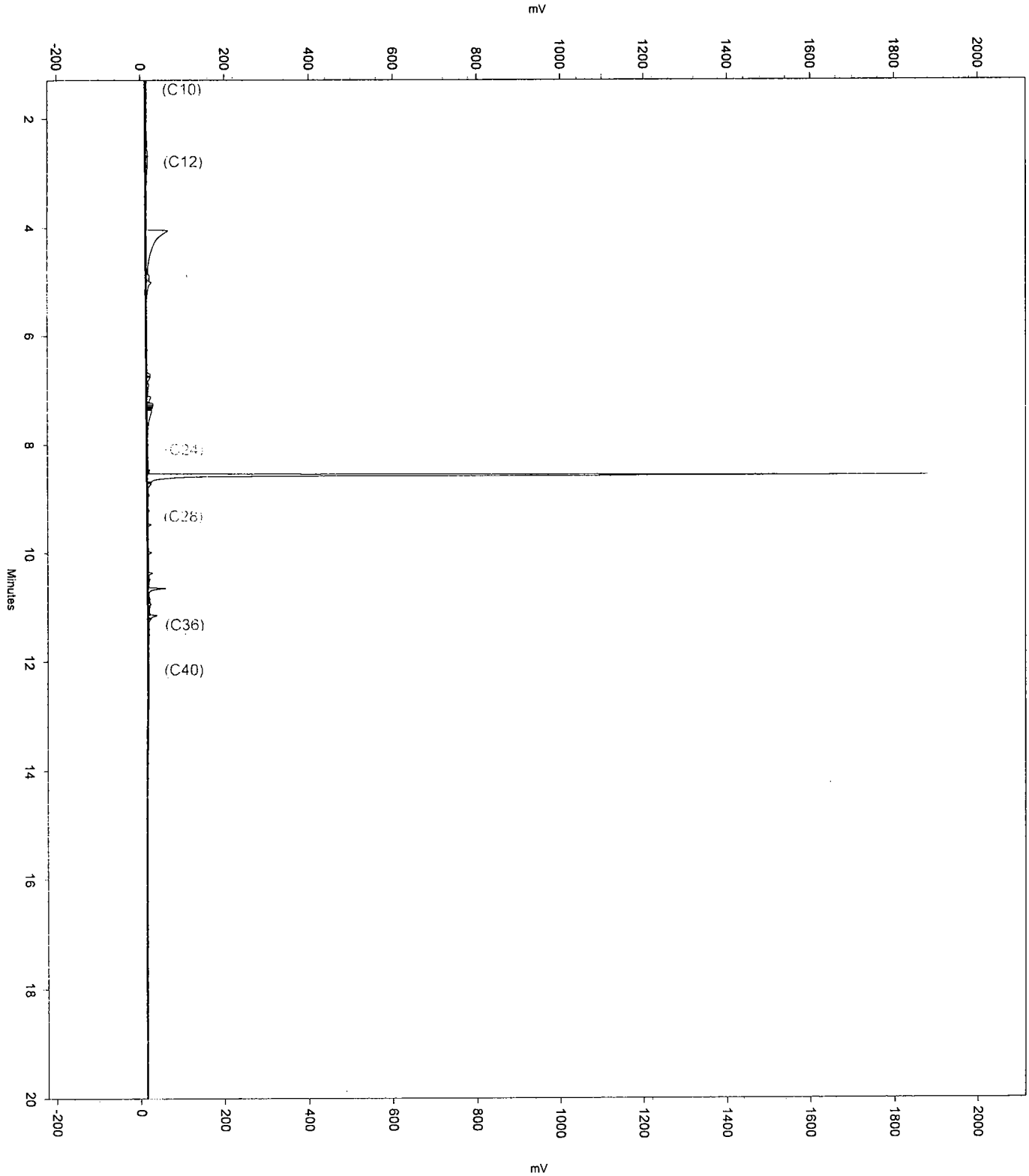
Analyte	Result	RL
Diesel C10-C24	ND	1.0
Motor Oil C24-C36	ND	5.0

Surrogate	%REC	Limits
Hexacosane	103	48-132

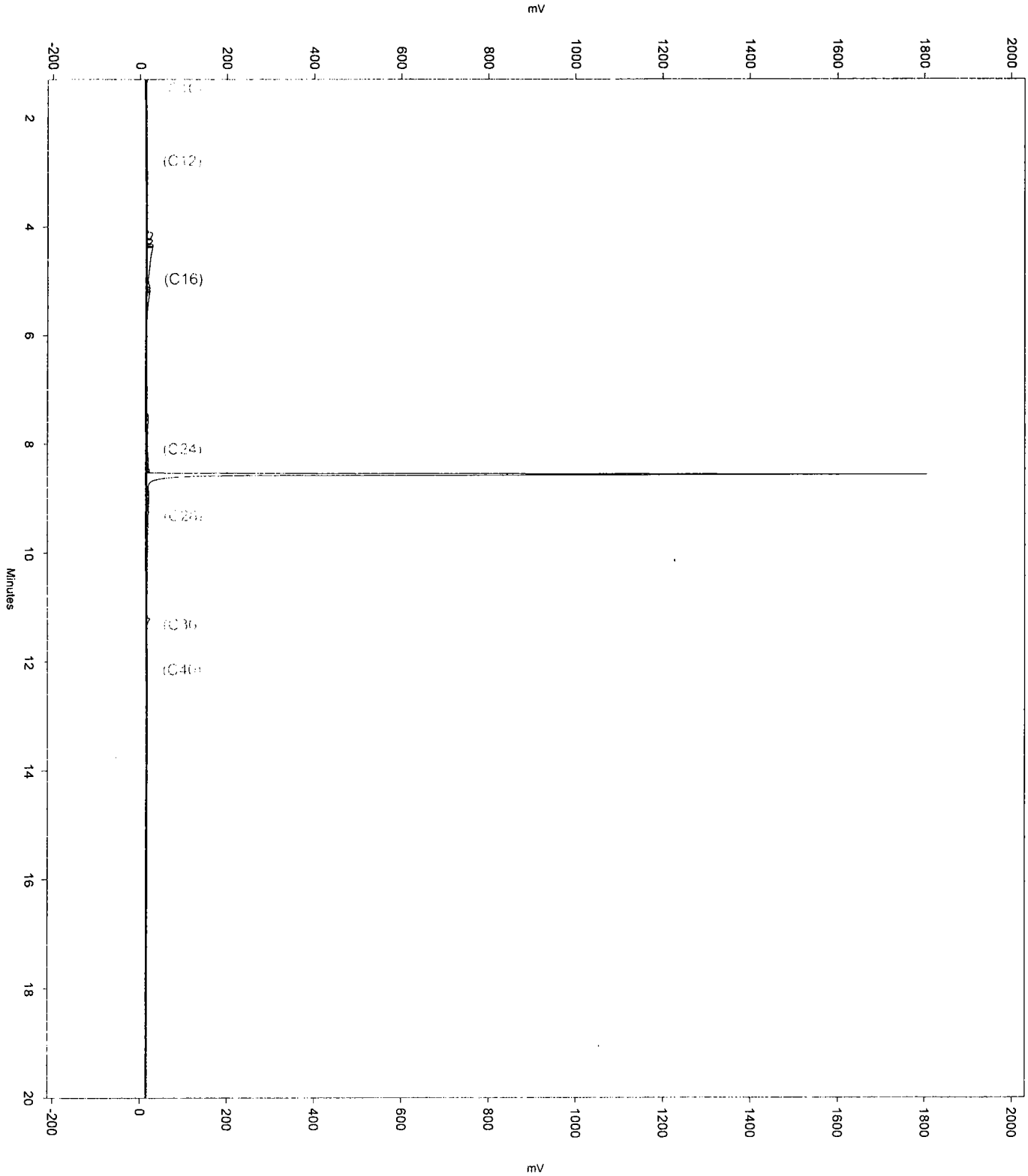
H= Heavier hydrocarbons contributed to the quantitation
Y= Sample exhibits chromatographic pattern which does not resemble standard
ND= Not Detected
RL= Reporting Limit

14.1

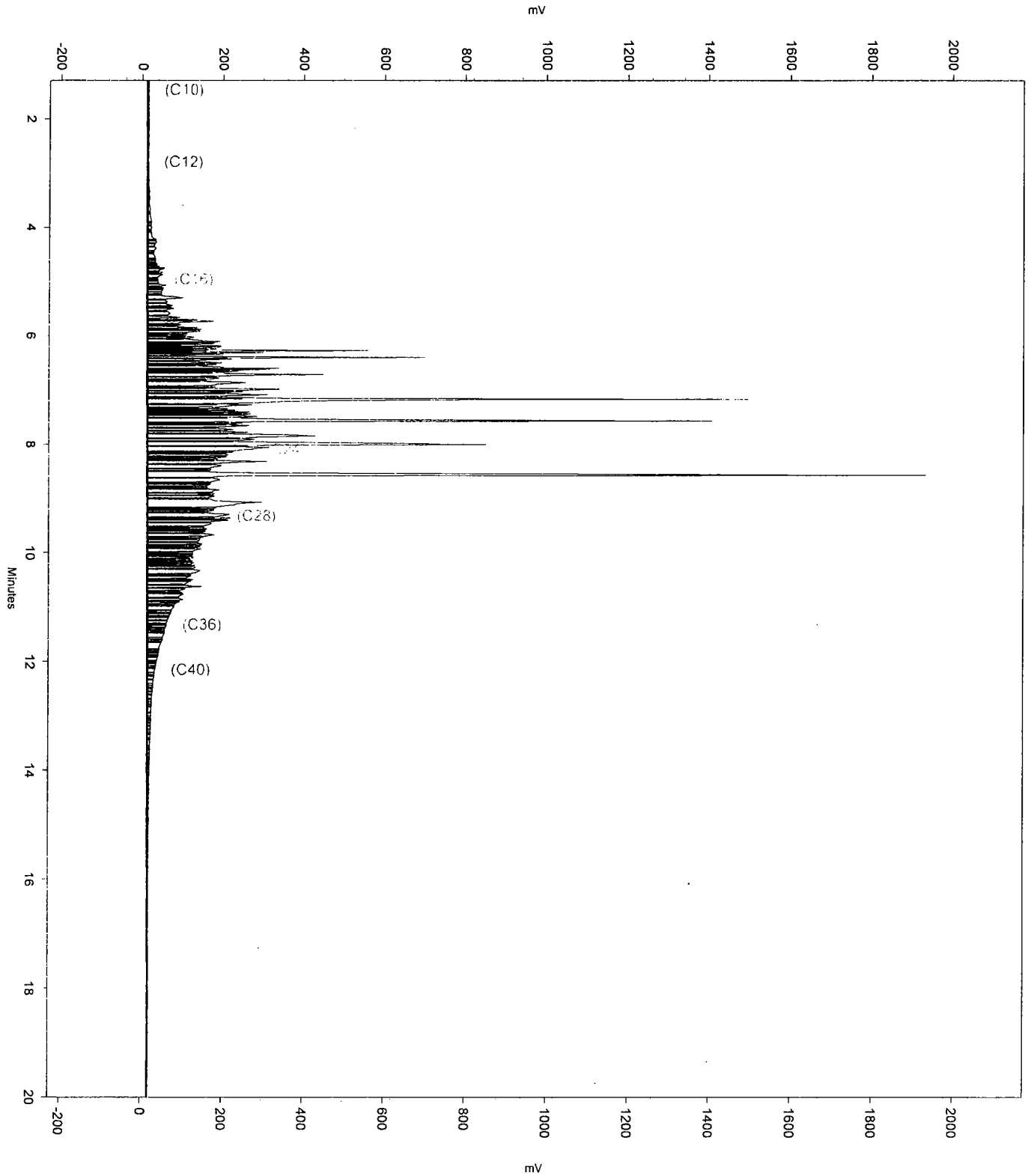
Sample Name: **183323-002,108129**
Data File: **\\Lims\gdrive\ezchrom\Projects\GC15B\Data\331b065**
Sequence File: **\\Lims\gdrive\ezchrom\Projects\GC15B\Sequence\331.seq**
Software Version 3.1.7
Run Date: 11/29/2005 2:14:54 AM
Analysis Date: 11/29/2005 9:33:48 AM
Instrument: GC15B (Offline) Vial: 65 Operator: Teh 2. analyst (lims2k3\teh2)
Sample Amount: 1



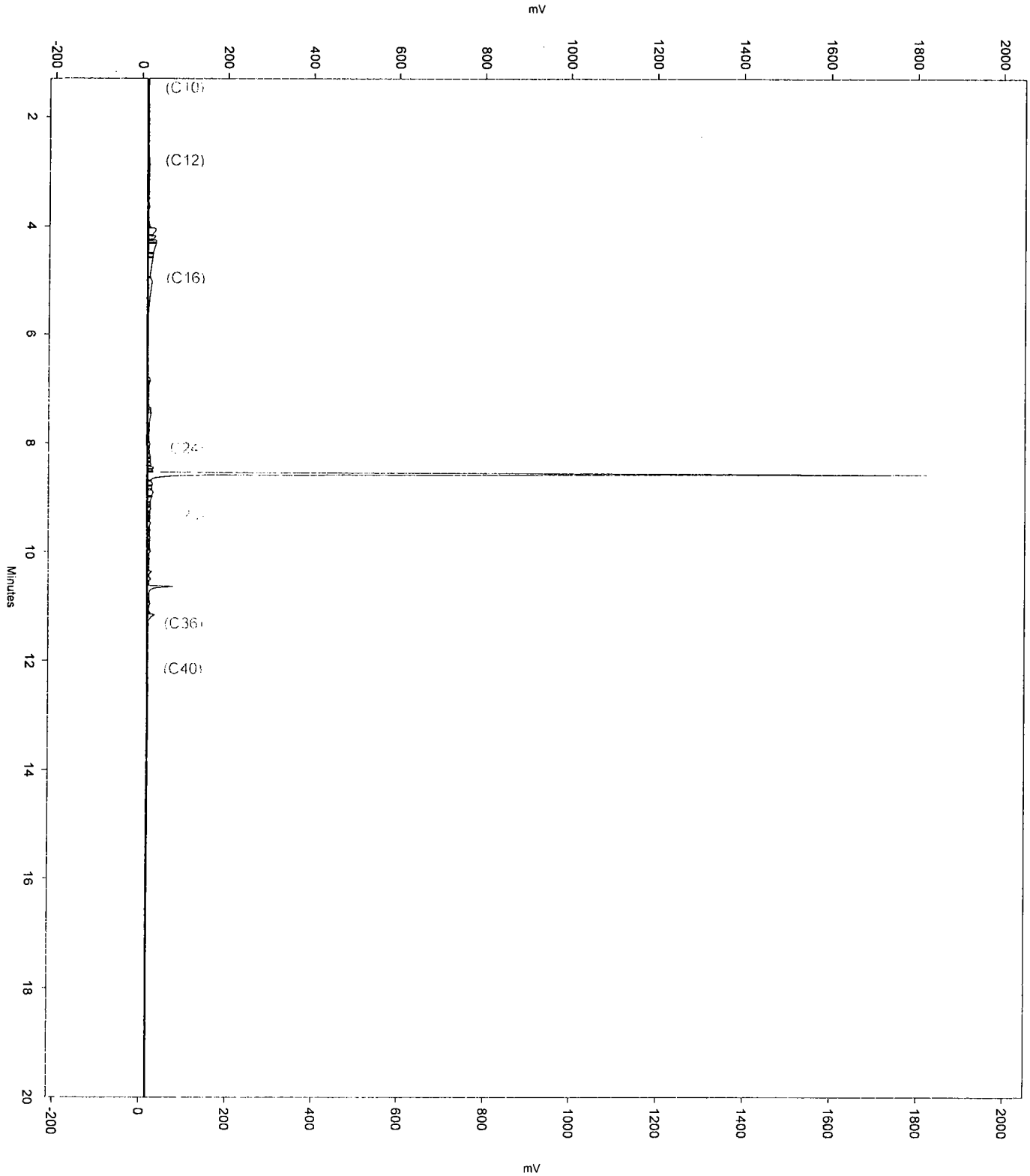
Sample Name: **183323-003,108129**
Data File: **\\Lims\gdrive\ezchrom\Projects\GC15B\Data\331b060**
Sequence File: **\\Lims\gdrive\ezchrom\Projects\GC15B\Sequence\331.seq**
Software Version 3.1.7
Run Date: 11/28/2005 11:53:21 PM
Analysis Date: 11/29/2005 9:30:26 AM
Instrument: GC15B (Offline) Vial: 60 Operator: Teh 2. analyst (lims2k3\teh2)
Sample Amount: 1



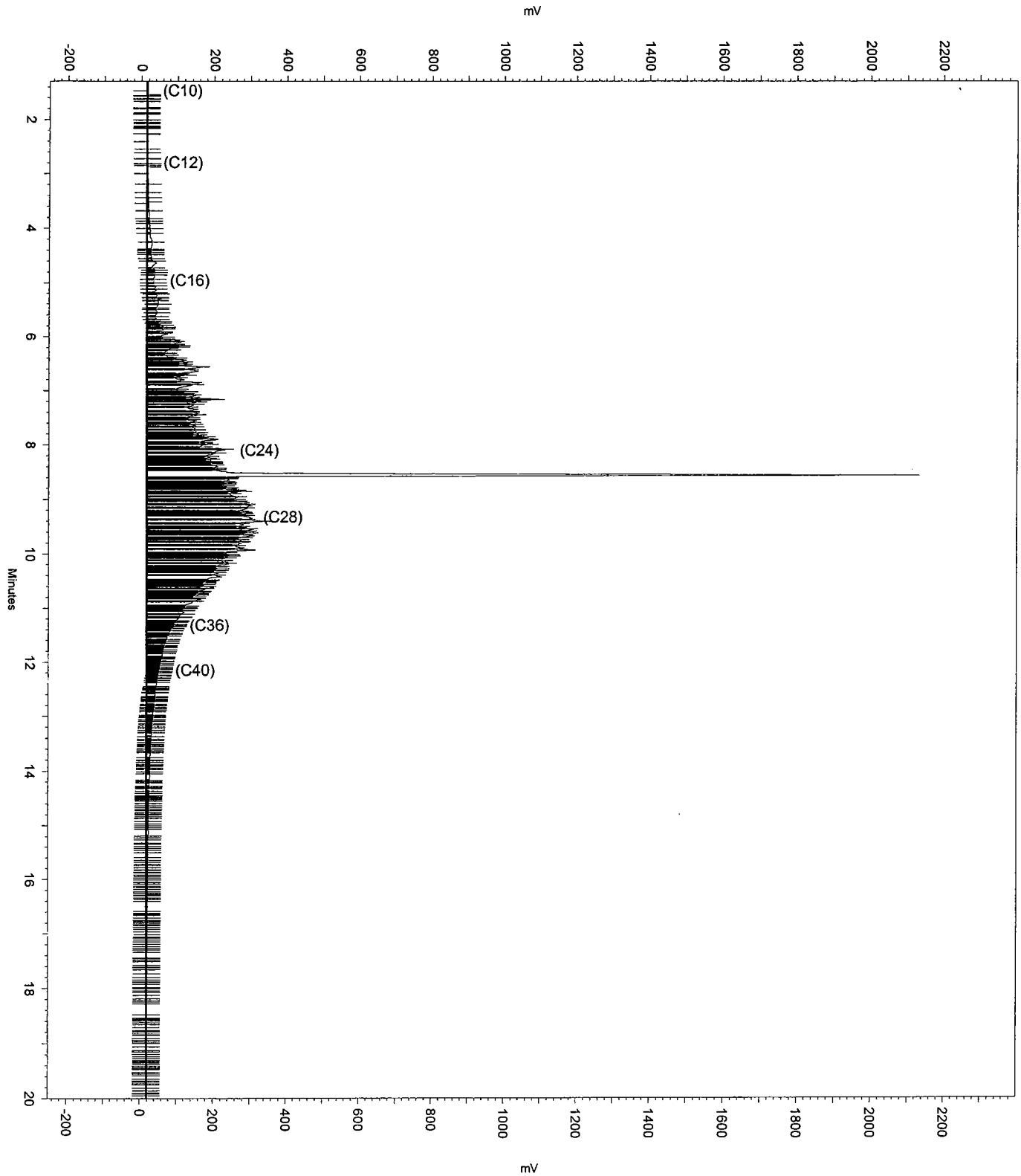
Sample Name: **183323-005,108129**
Data File: **\\Lims\gdrive\ezchrom\Projects\GC15B\Data\331b078**
Sequence File: **\\Lims\gdrive\ezchrom\Projects\GC15B\Sequence\331.seq**
Software Version 3.1.7
Run Date: 11/29/2005 8:21:52 AM
Analysis Date: 11/29/2005 9:48:28 AM
Instrument: GC15B (Offline) Vial: 78 Operator: Teh 2. analyst (lims2k3\teh2)
Sample Amount: 1



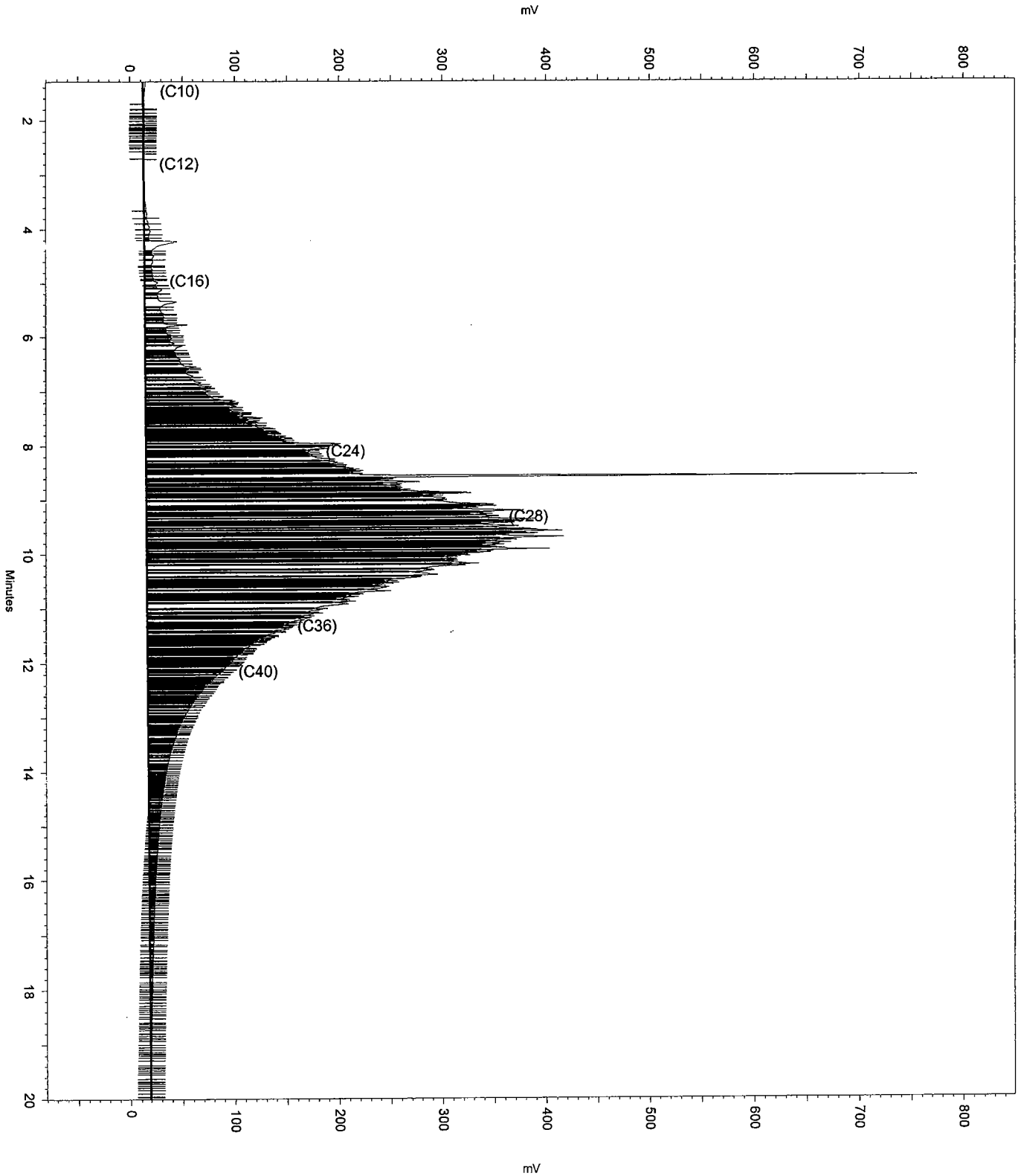
Sample Name: **183323-006,108129**
Data File: **\\Lims\gdrive\ezchrom\Projects\GC15B\Data\331b061**
Sequence File: **\\Lims\gdrive\ezchrom\Projects\GC15B\Sequence\331.seq**
Software Version 3.1.7
Run Date: 11/29/2005 12:21:42 AM
Analysis Date: 11/29/2005 9:31:11 AM
Instrument: GC15B (Offline) Vial: 61 Operator: Teh 2. analyst (lims2k3\teh2)
Sample Amount: 1



Sample Name: **183323-009,108129**
Data File: **\\Lims\gdrive\ezchrom\Projects\GC15B\Data\331b082**
Sequence File: **\\Lims\gdrive\ezchrom\Projects\GC15B\Sequence\331.seq**
Software Version 3.1.7
Run Date: 11/29/2005 10:15:43 AM
Analysis Date: 11/29/2005 12:20:37 PM
Instrument: GC15B (Offline) Vial: 82 Operator: Teh 3. Analyst (lims2k3\teh3)
Sample Amount: 1

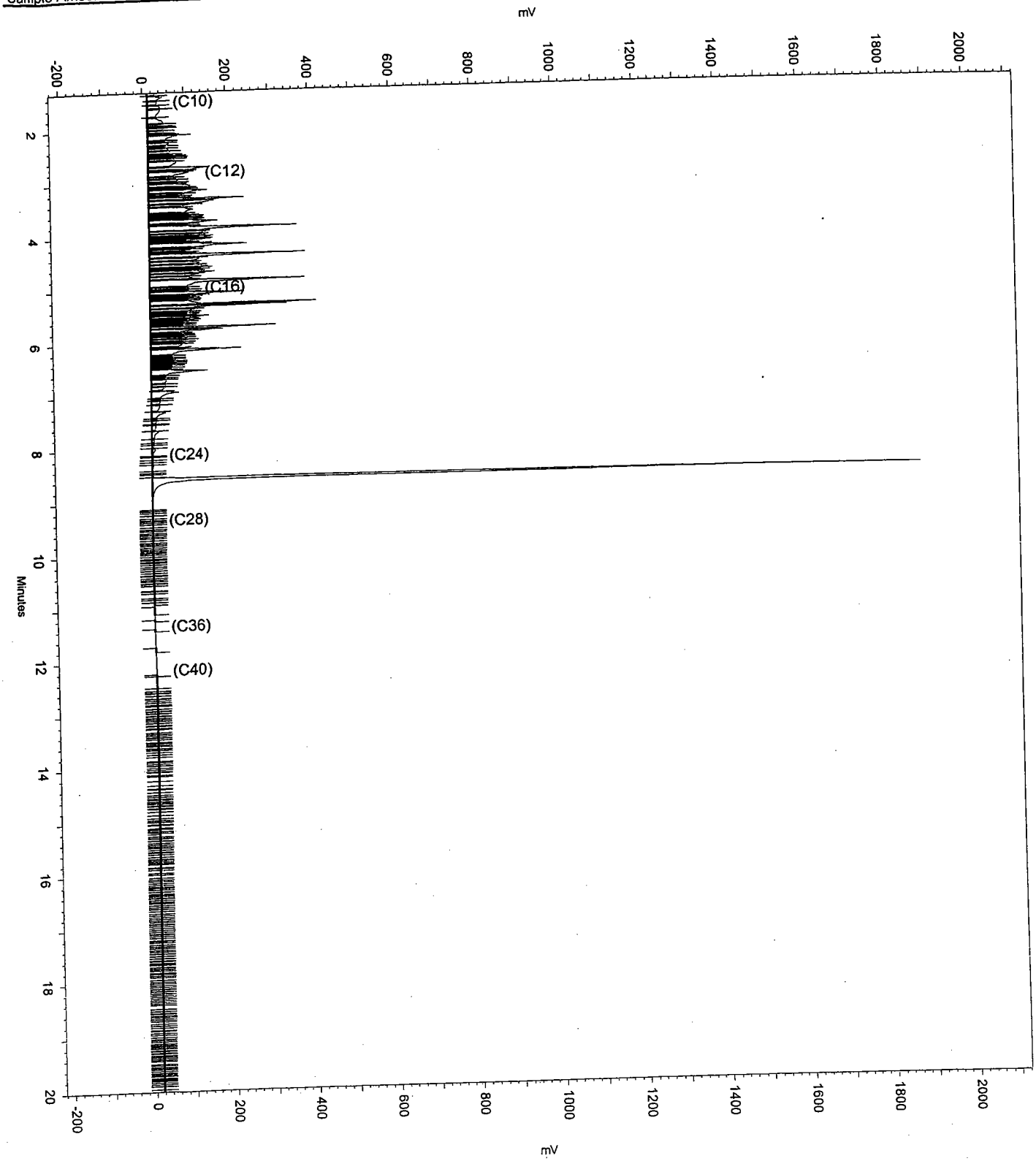


Sample Name: **183323-010,108129,5x**
Data File: **\\Lims\gdrive\ezchrom\Projects\GC15B\Data\331b079**
Sequence File: **\\Lims\gdrive\ezchrom\Projects\GC15B\Sequence\331.seq**
Software Version 3.1.7
Run Date: 11/29/2005 8:50:14 AM
Analysis Date: 11/29/2005 12:17:21 PM
Instrument: GC15B (Offline) Vial: 79 Operator: Teh 3. Analyst (lims2k3\teh3)
Sample Amount: 1



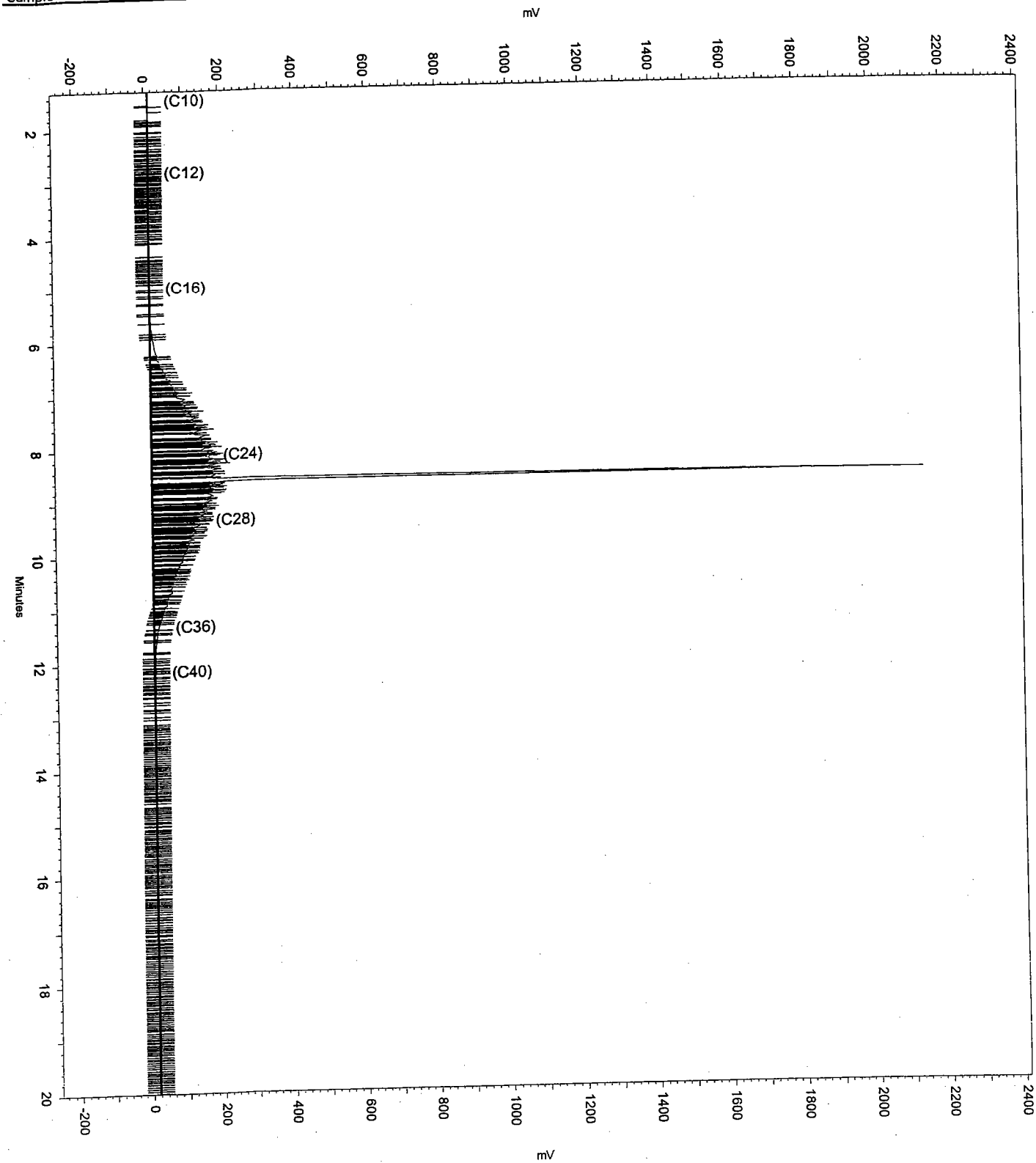
Sample Name: ccv,s1960,dsl_500
Data File: \\Lims\gdrive\ezchrom\Projects\GC15B\Data\331b007
Sequence File: \\Lims\gdrive\ezchrom\Projects\GC15B\Sequence\331.seq
Software Version 3.1.7
Run Date: 11/27/2005 3:56:07 PM
Analysis Date: 11/27/2005 4:45:22 PM
Instrument: GC15B Vial: 7 Operator: Teh 3. Analyst (lims2k3\teh3)
Sample Amount: 1

Diesel



Sample Name: ccv,s1946,mo
Data File: \\Lims\gdrive\ezchrom\Projects\GC15B\Data\331b008
Sequence File: \\Lims\gdrive\ezchrom\Projects\GC15B\Sequence\331.seq
Software Version 3.1.7
Run Date: 11/27/2005 4:24:15 PM
Analysis Date: 11/27/2005 4:45:29 PM
Instrument: GC15B Vial: 8 Operator: Teh 3. Analyst (lims2k3\teh3)
Sample Amount: 1

Motor Oil



Curtis & Tompkins, Ltd.

Batch QC Report

Total Extractable Hydrocarbons

Lab #:	183323	Location:	Mercury Cleaners
Client:	Ninyo & Moore	Prep:	SHAKER TABLE
Project#:	STANDARD	Analysis:	EPA 8015B
Type:	LCS	Diln Fac:	1.000
Lab ID:	QC318693	Batch#:	108129
Matrix:	Soil	Prepared:	11/28/05
Units:	mg/Kg	Analyzed:	11/28/05
Basis:	as received		

Analyte	Spiked	Result	%REC	Limits
Diesel C10-C24	49.82	49.64	100	54-137

Surrogate	%REC	Limits
Hexacosane	105	48-132

15.0

Curtis & Tompkins, Ltd.

Batch QC Report

Total Extractable Hydrocarbons

Lab #:	183323	Location:	Mercury Cleaners
Client:	Ninyo & Moore	Prep:	SHAKER TABLE
Project#:	STANDARD	Analysis:	EPA 8015B
Field ID:	B1-S-2-1	Batch#:	108129
MSS Lab ID:	183323-001	Sampled:	11/19/05
Matrix:	Soil	Received:	11/21/05
Units:	mg/Kg	Prepared:	11/28/05
Basis:	dry	Analyzed:	11/28/05
Diln Fac:	1.000		

Type: MS Moisture: 9%
Lab ID: QC318694

Analyte	MSS Result	Spiked	Result	%REC	Limits
Diesel C10-C24	0.5058	55.25	60.35	108	28-163

Surrogate	%REC	Limits
Hexacosane	107	48-132

Type: MSD Moisture: 9%
Lab ID: QC318695

Analyte	Spiked	Result	%REC	Limits	RPD	Lim
Diesel C10-C24	55.28	50.29	90	28-163	18	46

Surrogate	%REC	Limits
Hexacosane	75	48-132

RPD= Relative Percent Difference

16.1

Curtis & Tompkins, Ltd.

Purgeable Organics by GC/MS

Lab #:	183323	Location:	Mercury Cleaners
Client:	Ninyo & Moore	Prep:	EPA 5030B
Project#:	STANDARD	Analysis:	EPA 8260B
Field ID:	B3-GW-1	Units:	ug/L
Lab ID:	183323-025	Sampled:	11/19/05
Matrix:	Water	Received:	11/21/05

Analyte	Result	RL	Diln Fac	Batch#	Analyzed
Freon 12	ND	1.0	1.000	108227	11/30/05
Chloromethane	ND	1.0	1.000	108227	11/30/05
Vinyl Chloride	ND	0.5	1.000	108227	11/30/05
Bromomethane	ND	1.0	1.000	108227	11/30/05
Chloroethane	ND	1.0	1.000	108227	11/30/05
Trichlorofluoromethane	ND	1.0	1.000	108227	11/30/05
Acetone	ND	10	1.000	108227	11/30/05
Freon 113	ND	0.5	1.000	108227	11/30/05
1,1-Dichloroethene	ND	0.5	1.000	108227	11/30/05
Methylene Chloride	ND	10	1.000	108227	11/30/05
Carbon Disulfide	ND	0.5	1.000	108227	11/30/05
MTBE	ND	0.5	1.000	108227	11/30/05
trans-1,2-Dichloroethene	ND	0.5	1.000	108227	11/30/05
Vinyl Acetate	ND	10	1.000	108227	11/30/05
1,1-Dichloroethane	ND	0.5	1.000	108227	11/30/05
2-Butanone	ND	10	1.000	108227	11/30/05
cis-1,2-Dichloroethene	14	0.5	1.000	108227	11/30/05
2,2-Dichloropropane	ND	0.5	1.000	108227	11/30/05
Chloroform	1.4	0.5	1.000	108227	11/30/05
Bromochloromethane	ND	0.5	1.000	108227	11/30/05
1,1,1-Trichloroethane	ND	0.5	1.000	108227	11/30/05
1,1-Dichloropropene	ND	0.5	1.000	108227	11/30/05
Carbon Tetrachloride	ND	0.5	1.000	108227	11/30/05
1,2-Dichloroethane	ND	0.5	1.000	108227	11/30/05
Benzene	ND	0.5	1.000	108227	11/30/05
Trichloroethene	12	0.5	1.000	108227	11/30/05
1,2-Dichloropropane	ND	0.5	1.000	108227	11/30/05
Bromodichloromethane	ND	0.5	1.000	108227	11/30/05
Dibromomethane	ND	0.5	1.000	108227	11/30/05
4-Methyl-2-Pentanone	ND	10	1.000	108227	11/30/05
cis-1,3-Dichloropropene	ND	0.5	1.000	108227	11/30/05
Toluene	ND	0.5	1.000	108227	11/30/05
trans-1,3-Dichloropropene	ND	0.5	1.000	108227	11/30/05
1,1,2-Trichloroethane	ND	0.5	1.000	108227	11/30/05
2-Hexanone	ND	10	1.000	108227	11/30/05
1,3-Dichloropropane	ND	0.5	1.000	108227	11/30/05
Tetrachloroethene	140	1.7	3.333	108278	12/01/05
Dibromochloromethane	ND	0.5	1.000	108227	11/30/05
1,2-Dibromoethane	ND	0.5	1.000	108227	11/30/05

ND= Not Detected
RL= Reporting Limit

53.0

Curtis & Tompkins, Ltd.

Purgeable Organics by GC/MS

Lab #:	183323	Location:	Mercury Cleaners
Client:	Ninyo & Moore	Prep:	EPA 5030B
Project#:	STANDARD	Analysis:	EPA 8260B
Field ID:	B3-GW-1	Units:	ug/L
Lab ID:	183323-025	Sampled:	11/19/05
Matrix:	Water	Received:	11/21/05

Analyte	Result	RL	Diln Fac	Batch#	Analyzed
Chlorobenzene	ND	0.5	1.000	108227	11/30/05
1,1,1,2-Tetrachloroethane	ND	0.5	1.000	108227	11/30/05
Ethylbenzene	ND	0.5	1.000	108227	11/30/05
m,p-Xylenes	ND	0.5	1.000	108227	11/30/05
o-Xylene	ND	0.5	1.000	108227	11/30/05
Styrene	ND	0.5	1.000	108227	11/30/05
Bromoform	ND	1.0	1.000	108227	11/30/05
Isopropylbenzene	ND	0.5	1.000	108227	11/30/05
1,1,2,2-Tetrachloroethane	ND	0.5	1.000	108227	11/30/05
1,2,3-Trichloropropane	ND	0.5	1.000	108227	11/30/05
Propylbenzene	ND	0.5	1.000	108227	11/30/05
Bromobenzene	ND	0.5	1.000	108227	11/30/05
1,3,5-Trimethylbenzene	ND	0.5	1.000	108227	11/30/05
2-Chlorotoluene	ND	0.5	1.000	108227	11/30/05
4-Chlorotoluene	ND	0.5	1.000	108227	11/30/05
tert-Butylbenzene	ND	0.5	1.000	108227	11/30/05
1,2,4-Trimethylbenzene	ND	0.5	1.000	108227	11/30/05
sec-Butylbenzene	ND	0.5	1.000	108227	11/30/05
para-Isopropyl Toluene	ND	0.5	1.000	108227	11/30/05
1,3-Dichlorobenzene	ND	0.5	1.000	108227	11/30/05
1,4-Dichlorobenzene	ND	0.5	1.000	108227	11/30/05
n-Butylbenzene	ND	0.5	1.000	108227	11/30/05
1,2-Dichlorobenzene	ND	0.5	1.000	108227	11/30/05
1,2-Dibromo-3-Chloropropane	ND	2.0	1.000	108227	11/30/05
1,2,4-Trichlorobenzene	ND	0.5	1.000	108227	11/30/05
Hexachlorobutadiene	ND	0.5	1.000	108227	11/30/05
Naphthalene	ND	2.0	1.000	108227	11/30/05
1,2,3-Trichlorobenzene	ND	0.5	1.000	108227	11/30/05

Surrogate	%REC	Limits	Diln Fac	Batch#	Analyzed
Dibromofluoromethane	106	80-121	1.000	108227	11/30/05
1,2-Dichloroethane-d4	112	80-125	1.000	108227	11/30/05
Toluene-d8	105	80-120	1.000	108227	11/30/05
Bromofluorobenzene	116	80-124	1.000	108227	11/30/05

ND= Not Detected
RL= Reporting Limit

53.0

Curtis & Tompkins, Ltd.

Purgeable Organics by GC/MS

Lab #:	183323	Location:	Mercury Cleaners
Client:	Ninyo & Moore	Prep:	EPA 5030B
Project#:	STANDARD	Analysis:	EPA 8260B
Field ID:	B16-GW-1	Batch#:	108227
Lab ID:	183323-026	Sampled:	11/19/05
Matrix:	Water	Received:	11/21/05
Units:	ug/L	Analyzed:	11/30/05
Diln Fac:	10.00		

Analyte	Result	RL
Freon 12	ND	10
Chloromethane	ND	10
Vinyl Chloride	ND	5.0
Bromomethane	ND	10
Chloroethane	ND	10
Trichlorofluoromethane	ND	10
Acetone	ND	100
Freon 113	ND	5.0
1,1-Dichloroethene	ND	5.0
Methylene Chloride	ND	100
Carbon Disulfide	ND	5.0
MTBE	ND	5.0
trans-1,2-Dichloroethene	ND	5.0
Vinyl Acetate	ND	100
1,1-Dichloroethane	ND	5.0
2-Butanone	ND	100
cis-1,2-Dichloroethene	100	5.0
2,2-Dichloropropane	ND	5.0
Chloroform	ND	5.0
Bromochloromethane	ND	5.0
1,1,1-Trichloroethane	ND	5.0
1,1-Dichloropropene	ND	5.0
Carbon Tetrachloride	ND	5.0
1,2-Dichloroethane	ND	5.0
Benzene	ND	5.0
Trichloroethene	110	5.0
1,2-Dichloropropane	ND	5.0
Bromodichloromethane	ND	5.0
Dibromomethane	ND	5.0
4-Methyl-2-Pentanone	ND	100
cis-1,3-Dichloropropene	ND	5.0
Toluene	ND	5.0
trans-1,3-Dichloropropene	ND	5.0
1,1,2-Trichloroethane	ND	5.0
2-Hexanone	ND	100
1,3-Dichloropropane	ND	5.0
Tetrachloroethene	930	5.0

ND= Not Detected
RL= Reporting Limit

54.0

Curtis & Tompkins, Ltd.

Purgeable Organics by GC/MS

Lab #:	183323	Location:	Mercury Cleaners
Client:	Ninyo & Moore	Prep:	EPA 5030B
Project#:	STANDARD	Analysis:	EPA 8260B
Field ID:	B16-GW-1	Batch#:	108227
Lab ID:	183323-026	Sampled:	11/19/05
Matrix:	Water	Received:	11/21/05
Units:	ug/L	Analyzed:	11/30/05
Diln Fac:	10.00		

Analyte	Result	RL
Dibromochloromethane	ND	5.0
1,2-Dibromoethane	ND	5.0
Chlorobenzene	ND	5.0
1,1,1,2-Tetrachloroethane	ND	5.0
Ethylbenzene	ND	5.0
m,p-Xylenes	ND	5.0
o-Xylene	ND	5.0
Styrene	ND	5.0
Bromoform	ND	10
Isopropylbenzene	ND	5.0
1,1,2,2-Tetrachloroethane	ND	5.0
1,2,3-Trichloropropane	ND	5.0
Propylbenzene	ND	5.0
Bromobenzene	ND	5.0
1,3,5-Trimethylbenzene	ND	5.0
2-Chlorotoluene	ND	5.0
4-Chlorotoluene	ND	5.0
tert-Butylbenzene	ND	5.0
1,2,4-Trimethylbenzene	ND	5.0
sec-Butylbenzene	ND	5.0
para-Isopropyl Toluene	ND	5.0
1,3-Dichlorobenzene	ND	5.0
1,4-Dichlorobenzene	ND	5.0
n-Butylbenzene	ND	5.0
1,2-Dichlorobenzene	ND	5.0
1,2-Dibromo-3-Chloropropane	ND	20
1,2,4-Trichlorobenzene	ND	5.0
Hexachlorobutadiene	ND	5.0
Naphthalene	ND	20
1,2,3-Trichlorobenzene	ND	5.0

Surrogate	%REC	Limits
Dibromofluoromethane	95	80-121
1,2-Dichloroethane-d4	99	80-125
Toluene-d8	102	80-120
Bromofluorobenzene	110	80-124

ND= Not Detected
RL= Reporting Limit

54.0

Curtis & Tompkins, Ltd.

Purgeable Organics by GC/MS

Lab #:	183323	Location:	Mercury Cleaners
Client:	Ninyo & Moore	Prep:	EPA 5030B
Project#:	STANDARD	Analysis:	EPA 8260B
Field ID:	B28-GW-1	Batch#:	108227
Lab ID:	183323-027	Sampled:	11/19/05
Matrix:	Water	Received:	11/21/05
Units:	ug/L	Analyzed:	11/30/05
Diln Fac:	1.000		

Analyte	Result	RL
Freon 12	ND	1.0
Chloromethane	ND	1.0
Vinyl Chloride	ND	0.5
Bromomethane	ND	1.0
Chloroethane	ND	1.0
Trichlorofluoromethane	ND	1.0
Acetone	ND	10
Freon 113	ND	0.5
1,1-Dichloroethene	ND	0.5
Methylene Chloride	ND	10
Carbon Disulfide	ND	0.5
MTBE	ND	0.5
trans-1,2-Dichloroethene	ND	0.5
Vinyl Acetate	ND	10
1,1-Dichloroethane	ND	0.5
2-Butanone	ND	10
cis-1,2-Dichloroethene	ND	0.5
2,2-Dichloropropane	ND	0.5
Chloroform	ND	0.5
Bromochloromethane	ND	0.5
1,1,1-Trichloroethane	ND	0.5
1,1-Dichloropropene	ND	0.5
Carbon Tetrachloride	ND	0.5
1,2-Dichloroethane	ND	0.5
Benzene	ND	0.5
Trichloroethene	ND	0.5
1,2-Dichloropropane	ND	0.5
Bromodichloromethane	ND	0.5
Dibromomethane	ND	0.5
4-Methyl-2-Pentanone	ND	10
cis-1,3-Dichloropropene	ND	0.5
Toluene	ND	0.5
trans-1,3-Dichloropropene	ND	0.5
1,1,2-Trichloroethane	ND	0.5
2-Hexanone	ND	10
1,3-Dichloropropane	ND	0.5
Tetrachloroethene	ND	0.5

ND= Not Detected
RL= Reporting Limit

55.0

Curtis & Tompkins, Ltd.

Purgeable Organics by GC/MS

Lab #:	183323	Location:	Mercury Cleaners
Client:	Ninyo & Moore	Prep:	EPA 5030B
Project#:	STANDARD	Analysis:	EPA 8260B
Field ID:	B28-GW-1	Batch#:	108227
Lab ID:	183323-027	Sampled:	11/19/05
Matrix:	Water	Received:	11/21/05
Units:	ug/L	Analyzed:	11/30/05
Diln Fac:	1.000		

Analyte	Result	RL
Dibromochloromethane	ND	0.5
1,2-Dibromoethane	ND	0.5
Chlorobenzene	ND	0.5
1,1,1,2-Tetrachloroethane	ND	0.5
Ethylbenzene	ND	0.5
m,p-Xylenes	ND	0.5
o-Xylene	ND	0.5
Styrene	ND	0.5
Bromoform	ND	1.0
Isopropylbenzene	ND	0.5
1,1,2,2-Tetrachloroethane	ND	0.5
1,2,3-Trichloropropane	ND	0.5
Propylbenzene	ND	0.5
Bromobenzene	ND	0.5
1,3,5-Trimethylbenzene	ND	0.5
2-Chlorotoluene	ND	0.5
4-Chlorotoluene	ND	0.5
tert-Butylbenzene	ND	0.5
1,2,4-Trimethylbenzene	ND	0.5
sec-Butylbenzene	ND	0.5
para-Isopropyl Toluene	ND	0.5
1,3-Dichlorobenzene	ND	0.5
1,4-Dichlorobenzene	ND	0.5
n-Butylbenzene	ND	0.5
1,2-Dichlorobenzene	ND	0.5
1,2-Dibromo-3-Chloropropane	ND	2.0
1,2,4-Trichlorobenzene	ND	0.5
Hexachlorobutadiene	ND	0.5
Naphthalene	ND	2.0
1,2,3-Trichlorobenzene	ND	0.5

Surrogate	%REC	Limits
Dibromofluoromethane	96	80-121
1,2-Dichloroethane-d4	92	80-125
Toluene-d8	104	80-120
Bromofluorobenzene	105	80-124

ND= Not Detected
RL= Reporting Limit

55.0

Curtis & Tompkins, Ltd.

Purgeable Organics by GC/MS

Lab #:	183323	Location:	Mercury Cleaners
Client:	Ninyo & Moore	Prep:	EPA 5030B
Project#:	STANDARD	Analysis:	EPA 8260B
Field ID:	B29-GW-1	Batch#:	108227
Lab ID:	183323-028	Sampled:	11/19/05
Matrix:	Water	Received:	11/21/05
Units:	ug/L	Analyzed:	11/30/05
Diln Fac:	1.000		

Analyte	Result	RL
Freon 12	ND	1.0
Chloromethane	ND	1.0
Vinyl Chloride	ND	0.5
Bromomethane	ND	1.0
Chloroethane	ND	1.0
Trichlorofluoromethane	ND	1.0
Acetone	ND	10
Freon 113	ND	0.5
1,1-Dichloroethene	ND	0.5
Methylene Chloride	ND	10
Carbon Disulfide	ND	0.5
MTBE	ND	0.5
trans-1,2-Dichloroethene	ND	0.5
Vinyl Acetate	ND	10
1,1-Dichloroethane	ND	0.5
2-Butanone	ND	10
cis-1,2-Dichloroethene	ND	0.5
2,2-Dichloropropane	ND	0.5
Chloroform	ND	0.5
Bromochloromethane	ND	0.5
1,1,1-Trichloroethane	ND	0.5
1,1-Dichloropropene	ND	0.5
Carbon Tetrachloride	ND	0.5
1,2-Dichloroethane	ND	0.5
Benzene	ND	0.5
Trichloroethene	ND	0.5
1,2-Dichloropropane	ND	0.5
Bromodichloromethane	ND	0.5
Dibromomethane	ND	0.5
4-Methyl-2-Pentanone	ND	10
cis-1,3-Dichloropropene	ND	0.5
Toluene	ND	0.5
trans-1,3-Dichloropropene	ND	0.5
1,1,2-Trichloroethane	ND	0.5
2-Hexanone	ND	10
1,3-Dichloropropane	ND	0.5
Tetrachloroethene	ND	0.5

ND= Not Detected
RL= Reporting Limit

56.0

Curtis & Tompkins, Ltd.

Purgeable Organics by GC/MS

Lab #:	183323	Location:	Mercury Cleaners
Client:	Ninyo & Moore	Prep:	EPA 5030B
Project#:	STANDARD	Analysis:	EPA 8260B
Field ID:	B29-GW-1	Batch#:	108227
Lab ID:	183323-028	Sampled:	11/19/05
Matrix:	Water	Received:	11/21/05
Units:	ug/L	Analyzed:	11/30/05
Diln Fac:	1.000		

Analyte	Result	RL
Dibromochloromethane	ND	0.5
1,2-Dibromoethane	ND	0.5
Chlorobenzene	ND	0.5
1,1,1,2-Tetrachloroethane	ND	0.5
Ethylbenzene	ND	0.5
m,p-Xylenes	ND	0.5
o-Xylene	ND	0.5
Styrene	ND	0.5
Bromoform	ND	1.0
Isopropylbenzene	ND	0.5
1,1,2,2-Tetrachloroethane	ND	0.5
1,2,3-Trichloropropane	ND	0.5
Propylbenzene	ND	0.5
Bromobenzene	ND	0.5
1,3,5-Trimethylbenzene	ND	0.5
2-Chlorotoluene	ND	0.5
4-Chlorotoluene	ND	0.5
tert-Butylbenzene	ND	0.5
1,2,4-Trimethylbenzene	ND	0.5
sec-Butylbenzene	ND	0.5
para-Isopropyl Toluene	ND	0.5
1,3-Dichlorobenzene	ND	0.5
1,4-Dichlorobenzene	ND	0.5
n-Butylbenzene	ND	0.5
1,2-Dichlorobenzene	ND	0.5
1,2-Dibromo-3-Chloropropane	ND	2.0
1,2,4-Trichlorobenzene	ND	0.5
Hexachlorobutadiene	ND	0.5
Naphthalene	ND	2.0
1,2,3-Trichlorobenzene	ND	0.5

Surrogate	%REC	Limits
Dibromofluoromethane	95	80-121
1,2-Dichloroethane-d4	92	80-125
Toluene-d8	99	80-120
Bromofluorobenzene	104	80-124

ND= Not Detected
RL= Reporting Limit

56.0

Curtis & Tompkins, Ltd.

Batch QC Report

Purgeable Organics by GC/MS

Lab #:	183323	Location:	Mercury Cleaners
Client:	Ninyo & Moore	Prep:	EPA 5030B
Project#:	STANDARD	Analysis:	EPA 8260B
Type:	BLANK	Diln Fac:	1.000
Lab ID:	QC319085	Batch#:	108227
Matrix:	Water	Analyzed:	11/30/05
Units:	ug/L		

Analyte	Result	RL
Freon 12	ND	1.0
Chloromethane	ND	1.0
Vinyl Chloride	ND	0.5
Bromomethane	ND	1.0
Chloroethane	ND	1.0
Trichlorofluoromethane	ND	1.0
Acetone	ND	10
Freon 113	ND	0.5
1,1-Dichloroethene	ND	0.5
Methylene Chloride	ND	10
Carbon Disulfide	ND	0.5
MTBE	ND	0.5
trans-1,2-Dichloroethene	ND	0.5
Vinyl Acetate	ND	10
1,1-Dichloroethane	ND	0.5
2-Butanone	ND	10
cis-1,2-Dichloroethene	ND	0.5
2,2-Dichloropropane	ND	0.5
Chloroform	ND	0.5
Bromochloromethane	ND	0.5
1,1,1-Trichloroethane	ND	0.5
1,1-Dichloropropene	ND	0.5
Carbon Tetrachloride	ND	0.5
1,2-Dichloroethane	ND	0.5
Benzene	ND	0.5
Trichloroethene	ND	0.5
1,2-Dichloropropane	ND	0.5
Bromodichloromethane	ND	0.5
Dibromomethane	ND	0.5
4-Methyl-2-Pentanone	ND	10
cis-1,3-Dichloropropene	ND	0.5
Toluene	ND	0.5
trans-1,3-Dichloropropene	ND	0.5
1,1,2-Trichloroethane	ND	0.5
2-Hexanone	ND	10
1,3-Dichloropropane	ND	0.5
Tetrachloroethene	ND	0.5

ND= Not Detected
RL= Reporting Limit

57.0

Curtis & Tompkins, Ltd.

Batch QC Report

Purgeable Organics by GC/MS

Lab #:	183323	Location:	Mercury Cleaners
Client:	Ninyo & Moore	Prep:	EPA 5030B
Project#:	STANDARD	Analysis:	EPA 8260B
Type:	BLANK	Diln Fac:	1.000
Lab ID:	QC319085	Batch#:	108227
Matrix:	Water	Analyzed:	11/30/05
Units:	ug/L		

Analyte	Result	RL
Dibromochloromethane	ND	0.5
1,2-Dibromoethane	ND	0.5
Chlorobenzene	ND	0.5
1,1,1,2-Tetrachloroethane	ND	0.5
Ethylbenzene	ND	0.5
m,p-Xylenes	ND	0.5
o-Xylene	ND	0.5
Styrene	ND	0.5
Bromoform	ND	1.0
Isopropylbenzene	ND	0.5
1,1,2,2-Tetrachloroethane	ND	0.5
1,2,3-Trichloropropane	ND	0.5
Propylbenzene	ND	0.5
Bromobenzene	ND	0.5
1,3,5-Trimethylbenzene	ND	0.5
2-Chlorotoluene	ND	0.5
4-Chlorotoluene	ND	0.5
tert-Butylbenzene	ND	0.5
1,2,4-Trimethylbenzene	ND	0.5
sec-Butylbenzene	ND	0.5
para-Isopropyl Toluene	ND	0.5
1,3-Dichlorobenzene	ND	0.5
1,4-Dichlorobenzene	ND	0.5
n-Butylbenzene	ND	0.5
1,2-Dichlorobenzene	ND	0.5
1,2-Dibromo-3-Chloropropane	ND	2.0
1,2,4-Trichlorobenzene	ND	0.5
Hexachlorobutadiene	ND	0.5
Naphthalene	ND	2.0
1,2,3-Trichlorobenzene	ND	0.5

Surrogate	%REC	Limits
Dibromofluoromethane	107	80-121
1,2-Dichloroethane-d4	108	80-125
Toluene-d8	100	80-120
Bromofluorobenzene	110	80-124

ND= Not Detected
RL= Reporting Limit

57.0

Curtis & Tompkins, Ltd.

Batch QC Report

Purgeable Organics by GC/MS

Lab #:	183323	Location:	Mercury Cleaners
Client:	Ninyo & Moore	Prep:	EPA 5030B
Project#:	STANDARD	Analysis:	EPA 8260B
Type:	BLANK	Diln Fac:	1.000
Lab ID:	QC319310	Batch#:	108278
Matrix:	Water	Analyzed:	12/01/05
Units:	ug/L		

Analyte	Result	RL
Freon 12	ND	1.0
Chloromethane	ND	1.0
Vinyl Chloride	ND	0.5
Bromomethane	ND	1.0
Chloroethane	ND	1.0
Trichlorofluoromethane	ND	1.0
Acetone	ND	10
Freon 113	ND	0.5
1,1-Dichloroethene	ND	0.5
Methylene Chloride	ND	10
Carbon Disulfide	ND	0.5
MTBE	ND	0.5
trans-1,2-Dichloroethene	ND	0.5
Vinyl Acetate	ND	10
1,1-Dichloroethane	ND	0.5
2-Butanone	ND	10
cis-1,2-Dichloroethene	ND	0.5
2,2-Dichloropropane	ND	0.5
Chloroform	ND	0.5
Bromochloromethane	ND	0.5
1,1,1-Trichloroethane	ND	0.5
1,1-Dichloropropene	ND	0.5
Carbon Tetrachloride	ND	0.5
1,2-Dichloroethane	ND	0.5
Benzene	ND	0.5
Trichloroethene	ND	0.5
1,2-Dichloropropane	ND	0.5
Bromodichloromethane	ND	0.5
Dibromomethane	ND	0.5
4-Methyl-2-Pentanone	ND	10
cis-1,3-Dichloropropene	ND	0.5
Toluene	ND	0.5
trans-1,3-Dichloropropene	ND	0.5
1,1,2-Trichloroethane	ND	0.5
2-Hexanone	ND	10
1,3-Dichloropropane	ND	0.5
Tetrachloroethene	ND	0.5

ND= Not Detected
RL= Reporting Limit

58.0

Curtis & Tompkins, Ltd.

Batch QC Report

Purgeable Organics by GC/MS

Lab #:	183323	Location:	Mercury Cleaners
Client:	Ninyo & Moore	Prep:	EPA 5030B
Project#:	STANDARD	Analysis:	EPA 8260B
Type:	BLANK	Diln Fac:	1.000
Lab ID:	QC319310	Batch#:	108278
Matrix:	Water	Analyzed:	12/01/05
Units:	ug/L		

Analyte	Result	RL
Dibromochloromethane	ND	0.5
1,2-Dibromoethane	ND	0.5
Chlorobenzene	ND	0.5
1,1,1,2-Tetrachloroethane	ND	0.5
Ethylbenzene	ND	0.5
m,p-Xylenes	ND	0.5
o-Xylene	ND	0.5
Styrene	ND	0.5
Bromoform	ND	1.0
Isopropylbenzene	ND	0.5
1,1,2,2-Tetrachloroethane	ND	0.5
1,2,3-Trichloropropane	ND	0.5
Propylbenzene	ND	0.5
Bromobenzene	ND	0.5
1,3,5-Trimethylbenzene	ND	0.5
2-Chlorotoluene	ND	0.5
4-Chlorotoluene	ND	0.5
tert-Butylbenzene	ND	0.5
1,2,4-Trimethylbenzene	ND	0.5
sec-Butylbenzene	ND	0.5
para-Isopropyl Toluene	ND	0.5
1,3-Dichlorobenzene	ND	0.5
1,4-Dichlorobenzene	ND	0.5
n-Butylbenzene	ND	0.5
1,2-Dichlorobenzene	ND	0.5
1,2-Dibromo-3-Chloropropane	ND	2.0
1,2,4-Trichlorobenzene	ND	0.5
Hexachlorobutadiene	ND	0.5
Naphthalene	ND	2.0
1,2,3-Trichlorobenzene	ND	0.5

Surrogate	%REC	Limits
Dibromofluoromethane	98	80-121
1,2-Dichloroethane-d4	105	80-125
Toluene-d8	100	80-120
Bromofluorobenzene	111	80-124

ND= Not Detected
RL= Reporting Limit

58.0

Curtis & Tompkins, Ltd.

Batch QC Report

Purgeable Organics by GC/MS

Lab #:	183323	Location:	Mercury Cleaners
Client:	Ninyo & Moore	Prep:	EPA 5030B
Project#:	STANDARD	Analysis:	EPA 8260B
Type:	LCS	Diln Fac:	1.000
Lab ID:	QC319084	Batch#:	108227
Matrix:	Water	Analyzed:	11/30/05
Units:	ug/L		

Analyte	Spiked	Result	%REC	Limits
1,1-Dichloroethene	50.00	58.82	118	74-124
Benzene	50.00	48.83	98	80-120
Trichloroethene	50.00	53.99	108	79-120
Toluene	50.00	48.84	98	80-120
Chlorobenzene	50.00	48.80	98	80-120

Surrogate	%REC	Limits
Dibromofluoromethane	100	80-121
1,2-Dichloroethane-d4	101	80-125
Toluene-d8	103	80-120
Bromofluorobenzene	99	80-124

Curtis & Tompkins, Ltd.

Batch QC Report

Purgeable Organics by GC/MS

Lab #:	183323	Location:	Mercury Cleaners
Client:	Ninyo & Moore	Prep:	EPA 5030B
Project#:	STANDARD	Analysis:	EPA 8260B
Type:	LCS	Diln Fac:	1.000
Lab ID:	QC319309	Batch#:	108278
Matrix:	Water	Analyzed:	12/01/05
Units:	ug/L		

Analyte	Spiked	Result	%REC	Limits
1,1-Dichloroethene	50.00	61.42	123	74-124
Benzene	50.00	48.58	97	80-120
Trichloroethene	50.00	52.41	105	79-120
Toluene	50.00	50.67	101	80-120
Chlorobenzene	50.00	48.70	97	80-120

Surrogate	%REC	Limits
Dibromofluoromethane	94	80-121
1,2-Dichloroethane-d4	98	80-125
Toluene-d8	102	80-120
Bromofluorobenzene	100	80-124

61.0

Curtis & Tompkins, Ltd.

Batch QC Report

Purgeable Organics by GC/MS

Lab #:	183323	Location:	Mercury Cleaners
Client:	Ninyo & Moore	Prep:	EPA 5030B
Project#:	STANDARD	Analysis:	EPA 8260B
Field ID:	B3-GW-1	Batch#:	108227
MSS Lab ID:	183323-025	Sampled:	11/19/05
Matrix:	Water	Received:	11/21/05
Units:	ug/L	Analyzed:	11/30/05
Diln Fac:	1.000		

Type: MS Lab ID: QC319086

Analyte	MSS Result	Spiked	Result	%REC	Limits
1,1-Dichloroethene	<0.1302	25.00	29.81	119	69-130
Benzene	<0.04303	25.00	27.80	111	78-120
Trichloroethene	11.99	25.00	38.61	106	71-122
Toluene	<0.07938	25.00	27.76	111	78-120
Chlorobenzene	<0.05661	25.00	26.26	105	80-120

Surrogate	%REC	Limits
Dibromofluoromethane	106	80-121
1,2-Dichloroethane-d4	108	80-125
Toluene-d8	107	80-120
Bromofluorobenzene	100	80-124

Type: MSD Lab ID: QC319087

Analyte	Spiked	Result	%REC	Limits	RPD	Lim
1,1-Dichloroethene	25.00	31.45	126	69-130	5	20
Benzene	25.00	26.50	106	78-120	5	20
Trichloroethene	25.00	38.05	104	71-122	1	20
Toluene	25.00	25.93	104	78-120	7	20
Chlorobenzene	25.00	25.31	101	80-120	4	20

Surrogate	%REC	Limits
Dibromofluoromethane	104	80-121
1,2-Dichloroethane-d4	106	80-125
Toluene-d8	105	80-120
Bromofluorobenzene	100	80-124

RPD= Relative Percent Difference

60.0

Curtis & Tompkins, Ltd.

Batch QC Report

Purgeable Organics by GC/MS

Lab #:	183323	Location:	Mercury Cleaners
Client:	Ninyo & Moore	Prep:	EPA 5030B
Project#:	STANDARD	Analysis:	EPA 8260B
Field ID:	ZZZZZZZZZZ	Batch#:	108278
MSS Lab ID:	183399-001	Sampled:	11/22/05
Matrix:	Water	Received:	11/23/05
Units:	ug/L	Analyzed:	12/01/05
Diln Fac:	10.00		

Type: MS Lab ID: QC319380

Analyte	MSS Result	Spiked	Result	%REC	Limits
1,1-Dichloroethene	3.116	250.0	319.9	127	69-130
Benzene	<0.4303	250.0	272.9	109	78-120
Trichloroethene	20.86	250.0	289.1	107	71-122
Toluene	<0.7938	250.0	268.6	107	78-120
Chlorobenzene	<0.5661	250.0	260.9	104	80-120

Surrogate	%REC	Limits
Dibromofluoromethane	99	80-121
1,2-Dichloroethane-d4	110	80-125
Toluene-d8	104	80-120
Bromofluorobenzene	97	80-124

Type: MSD Lab ID: QC319381

Analyte	Spiked	Result	%REC	Limits	RPD	Lim
1,1-Dichloroethene	250.0	318.7	126	69-130	0	20
Benzene	250.0	254.3	102	78-120	7	20
Trichloroethene	250.0	280.1	104	71-122	3	20
Toluene	250.0	256.7	103	78-120	5	20
Chlorobenzene	250.0	249.8	100	80-120	4	20

Surrogate	%REC	Limits
Dibromofluoromethane	98	80-121
1,2-Dichloroethane-d4	105	80-125
Toluene-d8	102	80-120
Bromofluorobenzene	100	80-124

RPD= Relative Percent Difference

62.0

Curtis & Tompkins, Ltd.

Purgeable Organics by GC/MS

Lab #:	183323	Location:	Mercury Cleaners
Client:	Ninyo & Moore	Prep:	EPA 5035
Project#:	STANDARD	Analysis:	EPA 8260B
Field ID:	B1-S-2-1	Diln Fac:	1.111
Lab ID:	183323-001	Batch#:	107957
Matrix:	Soil	Sampled:	11/19/05
Units:	ug/Kg	Received:	11/21/05
Basis:	dry	Analyzed:	11/21/05

Moisture: 9%

Analyte	Result	RL
Freon 12	ND	12
Chloromethane	ND	12
Vinyl Chloride	ND	12
Bromomethane	ND	12
Chloroethane	ND	12
Trichlorofluoromethane	ND	6.1
Acetone	ND	24
Freon 113	ND	6.1
1,1-Dichloroethene	ND	6.1
Methylene Chloride	ND	24
Carbon Disulfide	ND	6.1
MTBE	ND	6.1
trans-1,2-Dichloroethene	ND	6.1
Vinyl Acetate	ND	61
1,1-Dichloroethane	ND	6.1
2-Butanone	ND	12
cis-1,2-Dichloroethene	ND	6.1
2,2-Dichloropropane	ND	6.1
Chloroform	ND	6.1
Bromochloromethane	ND	6.1
1,1,1-Trichloroethane	ND	6.1
1,1-Dichloropropene	ND	6.1
Carbon Tetrachloride	ND	6.1
1,2-Dichloroethane	ND	6.1
Benzene	ND	6.1
Trichloroethene	ND	6.1
1,2-Dichloropropane	ND	6.1
Bromodichloromethane	ND	6.1
Dibromomethane	ND	6.1
4-Methyl-2-Pentanone	ND	12
cis-1,3-Dichloropropene	ND	6.1
Toluene	ND	6.1
trans-1,3-Dichloropropene	ND	6.1
1,1,2-Trichloroethane	ND	6.1
2-Hexanone	ND	12
1,3-Dichloropropane	ND	6.1
Tetrachloroethene	ND	6.1
Dibromochloromethane	ND	6.1
1,2-Dibromoethane	ND	6.1
Chlorobenzene	ND	6.1
1,1,1,2-Tetrachloroethane	ND	6.1
Ethylbenzene	ND	6.1
m,p-Xylenes	ND	6.1
o-Xylene	ND	6.1
Styrene	ND	6.1
Bromoform	ND	6.1
Isopropylbenzene	ND	6.1
1,1,2,2-Tetrachloroethane	ND	6.1
1,2,3-Trichloropropane	ND	6.1
Propylbenzene	ND	6.1
Bromobenzene	ND	6.1
1,3,5-Trimethylbenzene	ND	6.1
2-Chlorotoluene	ND	6.1

ND= Not Detected
RL= Reporting Limit

20.1

Curtis & Tompkins, Ltd.

Purgeable Organics by GC/MS

Lab #:	183323	Location:	Mercury Cleaners
Client:	Ninyo & Moore	Prep:	EPA 5035
Project#:	STANDARD	Analysis:	EPA 8260B
Field ID:	B1-S-2-1	Diln Fac:	1.111
Lab ID:	183323-001	Batch#:	107957
Matrix:	Soil	Sampled:	11/19/05
Units:	ug/Kg	Received:	11/21/05
Basis:	dry	Analyzed:	11/21/05

Analyte	Result	RL
4-Chlorotoluene	ND	6.1
tert-Butylbenzene	ND	6.1
1,2,4-Trimethylbenzene	ND	6.1
sec-Butylbenzene	ND	6.1
para-Isopropyl Toluene	ND	6.1
1,3-Dichlorobenzene	ND	6.1
1,4-Dichlorobenzene	ND	6.1
n-Butylbenzene	ND	6.1
1,2-Dichlorobenzene	ND	6.1
1,2-Dibromo-3-Chloropropane	ND	6.1
1,2,4-Trichlorobenzene	ND	6.1
Hexachlorobutadiene	ND	6.1
Naphthalene	ND	6.1
1,2,3-Trichlorobenzene	ND	6.1

Surrogate	%REC	Limits
Dibromofluoromethane	111	80-120
1,2-Dichloroethane-d4	111	80-123
Toluene-d8	103	80-120
Bromofluorobenzene	104	80-124

ND= Not Detected
RL= Reporting Limit

20.1

Curtis & Tompkins, Ltd.

Purgeable Organics by GC/MS

Lab #:	183323	Location:	Mercury Cleaners
Client:	Ninyo & Moore	Prep:	EPA 5035
Project#:	STANDARD	Analysis:	EPA 8260B
Field ID:	B1-S-5-1	Diln Fac:	0.9434
Lab ID:	183323-002	Batch#:	108023
Matrix:	Soil	Sampled:	11/19/05
Units:	ug/Kg	Received:	11/21/05
Basis:	dry	Analyzed:	11/22/05

Moisture: 21%

Analyte	Result	RL
Freon 12	ND	12
Chloromethane	ND	12
Vinyl Chloride	ND	12
Bromomethane	ND	12
Chloroethane	ND	12
Trichlorofluoromethane	ND	6.0
Acetone	ND	24
Freon 113	ND	6.0
1,1-Dichloroethene	ND	6.0
Methylene Chloride	ND	24
Carbon Disulfide	ND	6.0
MTBE	ND	6.0
trans-1,2-Dichloroethene	ND	6.0
Vinyl Acetate	ND	60
1,1-Dichloroethane	ND	6.0
2-Butanone	ND	12
cis-1,2-Dichloroethene	ND	6.0
2,2-Dichloropropane	ND	6.0
Chloroform	ND	6.0
Bromochloromethane	ND	6.0
1,1,1-Trichloroethane	ND	6.0
1,1-Dichloropropene	ND	6.0
Carbon Tetrachloride	ND	6.0
1,2-Dichloroethane	ND	6.0
Benzene	ND	6.0
Trichloroethene	ND	6.0
1,2-Dichloropropane	ND	6.0
Bromodichloromethane	ND	6.0
Dibromomethane	ND	6.0
4-Methyl-2-Pentanone	ND	12
cis-1,3-Dichloropropene	ND	6.0
Toluene	ND	6.0
trans-1,3-Dichloropropene	ND	6.0
1,1,2-Trichloroethane	ND	6.0
2-Hexanone	ND	12
1,3-Dichloropropane	ND	6.0
Tetrachloroethene	ND	6.0
Dibromochloromethane	ND	6.0
1,2-Dibromoethane	ND	6.0
Chlorobenzene	ND	6.0
1,1,1,2-Tetrachloroethane	ND	6.0
Ethylbenzene	ND	6.0
m,p-Xylenes	ND	6.0
o-Xylene	ND	6.0
Styrene	ND	6.0
Bromoform	ND	6.0
Isopropylbenzene	ND	6.0
1,1,2,2-Tetrachloroethane	ND	6.0
1,2,3-Trichloropropane	ND	6.0
Propylbenzene	ND	6.0
Bromobenzene	ND	6.0
1,3,5-Trimethylbenzene	ND	6.0
2-Chlorotoluene	ND	6.0

ND= Not Detected
RL= Reporting Limit

Curtis & Tompkins, Ltd.

Purgeable Organics by GC/MS

Lab #:	183323	Location:	Mercury Cleaners
Client:	Ninyo & Moore	Prep:	EPA 5035
Project#:	STANDARD	Analysis:	EPA 8260B
Field ID:	B1-S-5-1	Diln Fac:	0.9434
Lab ID:	183323-002	Batch#:	108023
Matrix:	Soil	Sampled:	11/19/05
Units:	ug/Kg	Received:	11/21/05
Basis:	dry	Analyzed:	11/22/05

Analyte	Result	RL
4-Chlorotoluene	ND	6.0
tert-Butylbenzene	ND	6.0
1,2,4-Trimethylbenzene	ND	6.0
sec-Butylbenzene	ND	6.0
para-Isopropyl Toluene	ND	6.0
1,3-Dichlorobenzene	ND	6.0
1,4-Dichlorobenzene	ND	6.0
n-Butylbenzene	ND	6.0
1,2-Dichlorobenzene	ND	6.0
1,2-Dibromo-3-Chloropropane	ND	6.0
1,2,4-Trichlorobenzene	ND	6.0
Hexachlorobutadiene	ND	6.0
Naphthalene	ND	6.0
1,2,3-Trichlorobenzene	ND	6.0

Surrogate	%REC	Limits
Dibromofluoromethane	102	80-120
1,2-Dichloroethane-d4	108	80-123
Toluene-d8	100	80-120
Bromofluorobenzene	104	80-124

ND= Not Detected
RL= Reporting Limit

Curtis & Tompkins, Ltd.

Purgeable Organics by GC/MS

Lab #:	183323	Location:	Mercury Cleaners
Client:	Ninyo & Moore	Prep:	EPA 5035
Project#:	STANDARD	Analysis:	EPA 8260B
Field ID:	B1-S-10-1	Diln Fac:	0.8475
Lab ID:	183323-003	Batch#:	108023
Matrix:	Soil	Sampled:	11/19/05
Units:	ug/Kg	Received:	11/21/05
Basis:	dry	Analyzed:	11/22/05

Moisture: 17%

Analyte	Result	RL
Freon 12	ND	10
Chloromethane	ND	10
Vinyl Chloride	ND	10
Bromomethane	ND	10
Chloroethane	ND	10
Trichlorofluoromethane	ND	5.1
Acetone	ND	20
Freon 113	ND	5.1
1,1-Dichloroethene	ND	5.1
Methylene Chloride	ND	20
Carbon Disulfide	ND	5.1
MTBE	ND	5.1
trans-1,2-Dichloroethene	ND	5.1
Vinyl Acetate	ND	51
1,1-Dichloroethane	ND	5.1
2-Butanone	ND	10
cis-1,2-Dichloroethene	ND	5.1
2,2-Dichloropropane	ND	5.1
Chloroform	ND	5.1
Bromochloromethane	ND	5.1
1,1,1-Trichloroethane	ND	5.1
1,1-Dichloropropene	ND	5.1
Carbon Tetrachloride	ND	5.1
1,2-Dichloroethane	ND	5.1
Benzene	ND	5.1
Trichloroethene	ND	5.1
1,2-Dichloropropane	ND	5.1
Bromodichloromethane	ND	5.1
Dibromomethane	ND	5.1
4-Methyl-2-Pentanone	ND	10
cis-1,3-Dichloropropene	ND	5.1
Toluene	ND	5.1
trans-1,3-Dichloropropene	ND	5.1
1,1,2-Trichloroethane	ND	5.1
2-Hexanone	ND	10
1,3-Dichloropropane	ND	5.1
Tetrachloroethene	ND	5.1
Dibromochloromethane	ND	5.1
1,2-Dibromoethane	ND	5.1
Chlorobenzene	ND	5.1
1,1,1,2-Tetrachloroethane	ND	5.1
Ethylbenzene	ND	5.1
m,p-Xylenes	ND	5.1
o-Xylene	ND	5.1
Styrene	ND	5.1
Bromoform	ND	5.1
Isopropylbenzene	ND	5.1
1,1,2,2-Tetrachloroethane	ND	5.1
1,2,3-Trichloropropane	ND	5.1
Propylbenzene	ND	5.1
Bromobenzene	ND	5.1
1,3,5-Trimethylbenzene	ND	5.1
2-Chlorotoluene	ND	5.1

ND= Not Detected
RL= Reporting Limit

Curtis & Tompkins, Ltd.

Purgeable Organics by GC/MS

Lab #:	183323	Location:	Mercury Cleaners
Client:	Ninyo & Moore	Prep:	EPA 5035
Project#:	STANDARD	Analysis:	EPA 8260B
Field ID:	B1-S-10-1	Diln Fac:	0.8475
Lab ID:	183323-003	Batch#:	108023
Matrix:	Soil	Sampled:	11/19/05
Units:	ug/Kg	Received:	11/21/05
Basis:	dry	Analyzed:	11/22/05

Analyte	Result	RL
4-Chlorotoluene	ND	5.1
tert-Butylbenzene	ND	5.1
1,2,4-Trimethylbenzene	ND	5.1
sec-Butylbenzene	ND	5.1
para-Isopropyl Toluene	ND	5.1
1,3-Dichlorobenzene	ND	5.1
1,4-Dichlorobenzene	ND	5.1
n-Butylbenzene	ND	5.1
1,2-Dichlorobenzene	ND	5.1
1,2-Dibromo-3-Chloropropane	ND	5.1
1,2,4-Trichlorobenzene	ND	5.1
Hexachlorobutadiene	ND	5.1
Naphthalene	ND	5.1
1,2,3-Trichlorobenzene	ND	5.1

Surrogate	%REC	Limits
Dibromofluoromethane	103	80-120
1,2-Dichloroethane-d4	105	80-123
Toluene-d8	98	80-120
Bromofluorobenzene	104	80-124

ND= Not Detected
RL= Reporting Limit

22.1

Curtis & Tompkins, Ltd.

Purgeable Organics by GC/MS

Lab #:	183323	Location:	Mercury Cleaners
Client:	Ninyo & Moore	Prep:	EPA 5035
Project#:	STANDARD	Analysis:	EPA 8260B
Field ID:	B2-S-2-1	Diln Fac:	1.220
Lab ID:	183323-005	Batch#:	108023
Matrix:	Soil	Sampled:	11/19/05
Units:	ug/Kg	Received:	11/21/05
Basis:	dry	Analyzed:	11/22/05

Moisture: 12%

Analyte	Result	RL
Freon 12	ND	14
Chloromethane	ND	14
Vinyl Chloride	ND	14
Bromomethane	ND	14
Chloroethane	ND	14
Trichlorofluoromethane	ND	6.9
Acetone	ND	28
Freon 113	ND	6.9
1,1-Dichloroethene	ND	6.9
Methylene Chloride	ND	28
Carbon Disulfide	ND	6.9
MTBE	ND	6.9
trans-1,2-Dichloroethene	ND	6.9
Vinyl Acetate	ND	69
1,1-Dichloroethane	ND	6.9
2-Butanone	ND	14
cis-1,2-Dichloroethene	ND	6.9
2,2-Dichloropropane	ND	6.9
Chloroform	ND	6.9
Bromochloromethane	ND	6.9
1,1,1-Trichloroethane	ND	6.9
1,1-Dichloropropene	ND	6.9
Carbon Tetrachloride	ND	6.9
1,2-Dichloroethane	ND	6.9
Benzene	ND	6.9
Trichloroethene	ND	6.9
1,2-Dichloropropane	ND	6.9
Bromodichloromethane	ND	6.9
Dibromomethane	ND	6.9
4-Methyl-2-Pentanone	ND	14
cis-1,3-Dichloropropene	ND	6.9
Toluene	ND	6.9
trans-1,3-Dichloropropene	ND	6.9
1,1,2-Trichloroethane	ND	6.9
2-Hexanone	ND	14
1,3-Dichloropropane	ND	6.9
Tetrachloroethene	ND	6.9
Dibromochloromethane	ND	6.9
1,2-Dibromoethane	ND	6.9
Chlorobenzene	ND	6.9
1,1,1,2-Tetrachloroethane	ND	6.9
Ethylbenzene	ND	6.9
m,p-Xylenes	ND	6.9
o-Xylene	ND	6.9
Styrene	ND	6.9
Bromoform	ND	6.9
Isopropylbenzene	ND	6.9
1,1,2,2-Tetrachloroethane	ND	6.9
1,2,3-Trichloropropane	ND	6.9
Propylbenzene	ND	6.9
Bromobenzene	ND	6.9
1,3,5-Trimethylbenzene	ND	6.9
2-Chlorotoluene	ND	6.9

ND= Not Detected
RL= Reporting Limit

Curtis & Tompkins, Ltd.

Purgeable Organics by GC/MS

Lab #:	183323	Location:	Mercury Cleaners
Client:	Ninyo & Moore	Prep:	EPA 5035
Project#:	STANDARD	Analysis:	EPA 8260B
Field ID:	B2-S-2-1	Diln Fac:	1.220
Lab ID:	183323-005	Batch#:	108023
Matrix:	Soil	Sampled:	11/19/05
Units:	ug/Kg	Received:	11/21/05
Basis:	dry	Analyzed:	11/22/05

Analyte	Result	RL
4-Chlorotoluene	ND	6.9
tert-Butylbenzene	ND	6.9
1,2,4-Trimethylbenzene	ND	6.9
sec-Butylbenzene	ND	6.9
para-Isopropyl Toluene	ND	6.9
1,3-Dichlorobenzene	ND	6.9
1,4-Dichlorobenzene	ND	6.9
n-Butylbenzene	ND	6.9
1,2-Dichlorobenzene	ND	6.9
1,2-Dibromo-3-Chloropropane	ND	6.9
1,2,4-Trichlorobenzene	ND	6.9
Hexachlorobutadiene	ND	6.9
Naphthalene	ND	6.9
1,2,3-Trichlorobenzene	ND	6.9

Surrogate	%REC	Limits
Dibromofluoromethane	105	80-120
1,2-Dichloroethane-d4	109	80-123
Toluene-d8	100	80-120
Bromofluorobenzene	106	80-124

ND= Not Detected
RL= Reporting Limit

23.1

Curtis & Tompkins, Ltd.

Purgeable Organics by GC/MS

Lab #:	183323	Location:	Mercury Cleaners
Client:	Ninyo & Moore	Prep:	EPA 5035
Project#:	STANDARD	Analysis:	EPA 8260B
Field ID:	B2-S-5-1	Diln Fac:	1.000
Lab ID:	183323-006	Batch#:	108023
Matrix:	Soil	Sampled:	11/19/05
Units:	ug/Kg	Received:	11/21/05
Basis:	dry	Analyzed:	11/22/05

Moisture: 23%

Analyte	Result	RL
Freon 12	ND	13
Chloromethane	ND	13
Vinyl Chloride	ND	13
Bromomethane	ND	13
Chloroethane	ND	13
Trichlorofluoromethane	ND	6.5
Acetone	ND	26
Freon 113	ND	6.5
1,1-Dichloroethene	ND	6.5
Methylene Chloride	ND	26
Carbon Disulfide	ND	6.5
MTBE	ND	6.5
trans-1,2-Dichloroethene	ND	6.5
Vinyl Acetate	ND	65
1,1-Dichloroethane	ND	6.5
2-Butanone	ND	13
cis-1,2-Dichloroethene	ND	6.5
2,2-Dichloropropane	ND	6.5
Chloroform	ND	6.5
Bromochloromethane	ND	6.5
1,1,1-Trichloroethane	ND	6.5
1,1-Dichloropropene	ND	6.5
Carbon Tetrachloride	ND	6.5
1,2-Dichloroethane	ND	6.5
Benzene	ND	6.5
Trichloroethene	ND	6.5
1,2-Dichloropropane	ND	6.5
Bromodichloromethane	ND	6.5
Dibromomethane	ND	6.5
4-Methyl-2-Pentanone	ND	13
cis-1,3-Dichloropropene	ND	6.5
Toluene	ND	6.5
trans-1,3-Dichloropropene	ND	6.5
1,1,2-Trichloroethane	ND	6.5
2-Hexanone	ND	13
1,3-Dichloropropane	ND	6.5
Tetrachloroethene	ND	6.5
Dibromochloromethane	ND	6.5
1,2-Dibromoethane	ND	6.5
Chlorobenzene	ND	6.5
1,1,1,2-Tetrachloroethane	ND	6.5
Ethylbenzene	ND	6.5
m,p-Xylenes	ND	6.5
o-Xylene	ND	6.5
Styrene	ND	6.5
Bromoform	ND	6.5
Isopropylbenzene	ND	6.5
1,1,2,2-Tetrachloroethane	ND	6.5
1,2,3-Trichloropropane	ND	6.5
Propylbenzene	ND	6.5
Bromobenzene	ND	6.5
1,3,5-Trimethylbenzene	ND	6.5
2-Chlorotoluene	ND	6.5

ND= Not Detected
RL= Reporting Limit

Curtis & Tompkins, Ltd.

Purgeable Organics by GC/MS

Lab #:	183323	Location:	Mercury Cleaners
Client:	Ninyo & Moore	Prep:	EPA 5035
Project#:	STANDARD	Analysis:	EPA 8260B
Field ID:	B2-S-5-1	Diln Fac:	1.000
Lab ID:	183323-006	Batch#:	108023
Matrix:	Soil	Sampled:	11/19/05
Units:	ug/Kg	Received:	11/21/05
Basis:	dry	Analyzed:	11/22/05

Analyte	Result	RL
4-Chlorotoluene	ND	6.5
tert-Butylbenzene	ND	6.5
1,2,4-Trimethylbenzene	ND	6.5
sec-Butylbenzene	ND	6.5
para-Isopropyl Toluene	ND	6.5
1,3-Dichlorobenzene	ND	6.5
1,4-Dichlorobenzene	ND	6.5
n-Butylbenzene	ND	6.5
1,2-Dichlorobenzene	ND	6.5
1,2-Dibromo-3-Chloropropane	ND	6.5
1,2,4-Trichlorobenzene	ND	6.5
Hexachlorobutadiene	ND	6.5
Naphthalene	ND	6.5
1,2,3-Trichlorobenzene	ND	6.5

Surrogate	%REC	Limits
Dibromofluoromethane	103	80-120
1,2-Dichloroethane-d4	115	80-123
Toluene-d8	102	80-120
Bromofluorobenzene	104	80-124

ND= Not Detected
RL= Reporting Limit

Curtis & Tompkins, Ltd.

Purgeable Organics by GC/MS

Lab #:	183323	Location:	Mercury Cleaners
Client:	Ninyo & Moore	Prep:	EPA 5035
Project#:	STANDARD	Analysis:	EPA 8260B
Field ID:	B2-S-10-1	Diln Fac:	0.8475
Lab ID:	183323-007	Batch#:	108023
Matrix:	Soil	Sampled:	11/19/05
Units:	ug/Kg	Received:	11/21/05
Basis:	dry	Analyzed:	11/22/05

Moisture: 17%

Analyte	Result	RL
Freon 12	ND	10
Chloromethane	ND	10
Vinyl Chloride	ND	10
Bromomethane	ND	10
Chloroethane	ND	10
Trichlorofluoromethane	ND	5.1
Acetone	ND	20
Freon 113	ND	5.1
1,1-Dichloroethene	ND	5.1
Methylene Chloride	ND	20
Carbon Disulfide	ND	5.1
MTBE	ND	5.1
trans-1,2-Dichloroethene	ND	5.1
Vinyl Acetate	ND	51
1,1-Dichloroethane	ND	5.1
2-Butanone	ND	10
cis-1,2-Dichloroethene	ND	5.1
2,2-Dichloropropane	ND	5.1
Chloroform	ND	5.1
Bromochloromethane	ND	5.1
1,1,1-Trichloroethane	ND	5.1
1,1-Dichloropropene	ND	5.1
Carbon Tetrachloride	ND	5.1
1,2-Dichloroethane	ND	5.1
Benzene	ND	5.1
Trichloroethene	ND	5.1
1,2-Dichloropropane	ND	5.1
Bromodichloromethane	ND	5.1
Dibromomethane	ND	5.1
4-Methyl-2-Pentanone	ND	10
cis-1,3-Dichloropropene	ND	5.1
Toluene	ND	5.1
trans-1,3-Dichloropropene	ND	5.1
1,1,2-Trichloroethane	ND	5.1
2-Hexanone	ND	10
1,3-Dichloropropane	ND	5.1
Tetrachloroethene	ND	5.1
Dibromochloromethane	ND	5.1
1,2-Dibromoethane	ND	5.1
Chlorobenzene	ND	5.1
1,1,1,2-Tetrachloroethane	ND	5.1
Ethylbenzene	ND	5.1
m,p-Xylenes	ND	5.1
o-Xylene	ND	5.1
Styrene	ND	5.1
Bromoform	ND	5.1
Isopropylbenzene	ND	5.1
1,1,2,2-Tetrachloroethane	ND	5.1
1,2,3-Trichloropropane	ND	5.1
Propylbenzene	ND	5.1
Bromobenzene	ND	5.1
1,3,5-Trimethylbenzene	ND	5.1
2-Chlorotoluene	ND	5.1

ND= Not Detected
RL= Reporting Limit

Curtis & Tompkins, Ltd.

Purgeable Organics by GC/MS

Lab #:	183323	Location:	Mercury Cleaners
Client:	Ninyo & Moore	Prep:	EPA 5035
Project#:	STANDARD	Analysis:	EPA 8260B
Field ID:	B2-S-10-1	Diln Fac:	0.8475
Lab ID:	183323-007	Batch#:	108023
Matrix:	Soil	Sampled:	11/19/05
Units:	ug/Kg	Received:	11/21/05
Basis:	dry	Analyzed:	11/22/05

Analyte	Result	RL
4-Chlorotoluene	ND	5.1
tert-Butylbenzene	ND	5.1
1,2,4-Trimethylbenzene	ND	5.1
sec-Butylbenzene	ND	5.1
para-Isopropyl Toluene	ND	5.1
1,3-Dichlorobenzene	ND	5.1
1,4-Dichlorobenzene	ND	5.1
n-Butylbenzene	ND	5.1
1,2-Dichlorobenzene	ND	5.1
1,2-Dibromo-3-Chloropropane	ND	5.1
1,2,4-Trichlorobenzene	ND	5.1
Hexachlorobutadiene	ND	5.1
Naphthalene	ND	5.1
1,2,3-Trichlorobenzene	ND	5.1

Surrogate	%REC	Limits
Dibromofluoromethane	105	80-120
1,2-Dichloroethane-d4	116	80-123
Toluene-d8	100	80-120
Bromofluorobenzene	104	80-124

ND= Not Detected
RL= Reporting Limit

25.1

Curtis & Tompkins, Ltd.

Purgeable Organics by GC/MS

Lab #:	183323	Location:	Mercury Cleaners
Client:	Ninyo & Moore	Prep:	EPA 5035
Project#:	STANDARD	Analysis:	EPA 8260B
Field ID:	B22-S-2-1	Diln Fac:	1.163
Lab ID:	183323-009	Batch#:	108023
Matrix:	Soil	Sampled:	11/19/05
Units:	ug/Kg	Received:	11/21/05
Basis:	dry	Analyzed:	11/22/05

Moisture: 2%

Analyte	Result	RL
Freon 12	ND	12
Chloromethane	ND	12
Vinyl Chloride	ND	12
Bromomethane	ND	12
Chloroethane	ND	12
Trichlorofluoromethane	ND	5.9
Acetone	ND	24
Freon 113	ND	5.9
1,1-Dichloroethene	ND	5.9
Methylene Chloride	ND	24
Carbon Disulfide	ND	5.9
MTBE	ND	5.9
trans-1,2-Dichloroethene	ND	5.9
Vinyl Acetate	ND	59
1,1-Dichloroethane	ND	5.9
2-Butanone	ND	12
cis-1,2-Dichloroethene	ND	5.9
2,2-Dichloropropane	ND	5.9
Chloroform	ND	5.9
Bromochloromethane	ND	5.9
1,1,1-Trichloroethane	ND	5.9
1,1-Dichloropropene	ND	5.9
Carbon Tetrachloride	ND	5.9
1,2-Dichloroethane	ND	5.9
Benzene	ND	5.9
Trichloroethene	ND	5.9
1,2-Dichloropropane	ND	5.9
Bromodichloromethane	ND	5.9
Dibromomethane	ND	5.9
4-Methyl-2-Pentanone	ND	12
cis-1,3-Dichloropropene	ND	5.9
Toluene	ND	5.9
trans-1,3-Dichloropropene	ND	5.9
1,1,2-Trichloroethane	ND	5.9
2-Hexanone	ND	12
1,3-Dichloropropane	ND	5.9
Tetrachloroethene	ND	5.9
Dibromochloromethane	ND	5.9
1,2-Dibromoethane	ND	5.9
Chlorobenzene	ND	5.9
1,1,1,2-Tetrachloroethane	ND	5.9
Ethylbenzene	ND	5.9
m,p-Xylenes	ND	5.9
o-Xylene	ND	5.9
Styrene	ND	5.9
Bromoform	ND	5.9
Isopropylbenzene	ND	5.9
1,1,2,2-Tetrachloroethane	ND	5.9
1,2,3-Trichloropropane	ND	5.9
Propylbenzene	ND	5.9
Bromobenzene	ND	5.9
1,3,5-Trimethylbenzene	ND	5.9
2-Chlorotoluene	ND	5.9

ND= Not Detected
RL= Reporting Limit

Curtis & Tompkins, Ltd.

Purgeable Organics by GC/MS

Lab #:	183323	Location:	Mercury Cleaners
Client:	Ninyo & Moore	Prep:	EPA 5035
Project#:	STANDARD	Analysis:	EPA 8260B
Field ID:	B22-S-2-1	Diln Fac:	1.163
Lab ID:	183323-009	Batch#:	108023
Matrix:	Soil	Sampled:	11/19/05
Units:	ug/Kg	Received:	11/21/05
Basis:	dry	Analyzed:	11/22/05

Analyte	Result	RL
4-Chlorotoluene	ND	5.9
tert-Butylbenzene	ND	5.9
1,2,4-Trimethylbenzene	ND	5.9
sec-Butylbenzene	ND	5.9
para-Isopropyl Toluene	ND	5.9
1,3-Dichlorobenzene	ND	5.9
1,4-Dichlorobenzene	ND	5.9
n-Butylbenzene	ND	5.9
1,2-Dichlorobenzene	ND	5.9
1,2-Dibromo-3-Chloropropane	ND	5.9
1,2,4-Trichlorobenzene	ND	5.9
Hexachlorobutadiene	ND	5.9
Naphthalene	ND	5.9
1,2,3-Trichlorobenzene	ND	5.9

Surrogate	%REC	Limits
Dibromofluoromethane	106	80-120
1,2-Dichloroethane-d4	114	80-123
Toluene-d8	101	80-120
Bromofluorobenzene	107	80-124

ND= Not Detected
RL= Reporting Limit

26.1

Curtis & Tompkins, Ltd.

Purgeable Organics by GC/MS

Lab #:	183323	Location:	Mercury Cleaners
Client:	Ninyo & Moore	Prep:	EPA 5035
Project#:	STANDARD	Analysis:	EPA 8260B
Field ID:	B3-S-2-1	Diln Fac:	1.190
Lab ID:	183323-010	Batch#:	108023
Matrix:	Soil	Sampled:	11/19/05
Units:	ug/Kg	Received:	11/21/05
Basis:	dry	Analyzed:	11/22/05

Moisture: 8%

Analyte	Result	RL
Freon 12	ND	13
Chloromethane	ND	13
Vinyl Chloride	ND	13
Bromomethane	ND	13
Chloroethane	ND	13
Trichlorofluoromethane	ND	6.5
Acetone	ND	26
Freon 113	ND	6.5
1,1-Dichloroethene	ND	6.5
Methylene Chloride	ND	26
Carbon Disulfide	ND	6.5
MTBE	ND	6.5
trans-1,2-Dichloroethene	ND	6.5
Vinyl Acetate	ND	65
1,1-Dichloroethane	ND	6.5
2-Butanone	ND	13
cis-1,2-Dichloroethene	ND	6.5
2,2-Dichloropropane	ND	6.5
Chloroform	ND	6.5
Bromochloromethane	ND	6.5
1,1,1-Trichloroethane	ND	6.5
1,1-Dichloropropene	ND	6.5
Carbon Tetrachloride	ND	6.5
1,2-Dichloroethane	ND	6.5
Benzene	ND	6.5
Trichloroethene	ND	6.5
1,2-Dichloropropane	ND	6.5
Bromodichloromethane	ND	6.5
Dibromomethane	ND	6.5
4-Methyl-2-Pentanone	ND	13
cis-1,3-Dichloropropene	ND	6.5
Toluene	ND	6.5
trans-1,3-Dichloropropene	ND	6.5
1,1,2-Trichloroethane	ND	6.5
2-Hexanone	ND	13
1,3-Dichloropropane	ND	6.5
Tetrachloroethene	ND	6.5
Dibromochloromethane	ND	6.5
1,2-Dibromoethane	ND	6.5
Chlorobenzene	ND	6.5
1,1,1,2-Tetrachloroethane	ND	6.5
Ethylbenzene	ND	6.5
m,p-Xylenes	ND	6.5
o-Xylene	ND	6.5
Styrene	ND	6.5
Bromoform	ND	6.5
Isopropylbenzene	ND	6.5
1,1,2,2-Tetrachloroethane	ND	6.5
1,2,3-Trichloropropane	ND	6.5
Propylbenzene	ND	6.5
Bromobenzene	ND	6.5
1,3,5-Trimethylbenzene	ND	6.5
2-Chlorotoluene	ND	6.5

ND= Not Detected
RL= Reporting Limit

Curtis & Tompkins, Ltd.

Purgeable Organics by GC/MS

Lab #:	183323	Location:	Mercury Cleaners
Client:	Ninyo & Moore	Prep:	EPA 5035
Project#:	STANDARD	Analysis:	EPA 8260B
Field ID:	B3-S-2-1	Diln Fac:	1.190
Lab ID:	183323-010	Batch#:	108023
Matrix:	Soil	Sampled:	11/19/05
Units:	ug/Kg	Received:	11/21/05
Basis:	dry	Analyzed:	11/22/05

Analyte	Result	RL
4-Chlorotoluene	ND	6.5
tert-Butylbenzene	ND	6.5
1,2,4-Trimethylbenzene	ND	6.5
sec-Butylbenzene	ND	6.5
para-Isopropyl Toluene	ND	6.5
1,3-Dichlorobenzene	ND	6.5
1,4-Dichlorobenzene	ND	6.5
n-Butylbenzene	ND	6.5
1,2-Dichlorobenzene	ND	6.5
1,2-Dibromo-3-Chloropropane	ND	6.5
1,2,4-Trichlorobenzene	ND	6.5
Hexachlorobutadiene	ND	6.5
Naphthalene	ND	6.5
1,2,3-Trichlorobenzene	ND	6.5

Surrogate	%REC	Limits
Dibromofluoromethane	105	80-120
1,2-Dichloroethane-d4	115	80-123
Toluene-d8	99	80-120
Bromofluorobenzene	108	80-124

ND= Not Detected
RL= Reporting Limit

27.1

Curtis & Tompkins, Ltd.

Purgeable Organics by GC/MS

Lab #:	183323	Location:	Mercury Cleaners
Client:	Ninyo & Moore	Prep:	EPA 5035
Project#:	STANDARD	Analysis:	EPA 8260B
Field ID:	B3-S-5-1	Diln Fac:	0.8333
Lab ID:	183323-011	Batch#:	108023
Matrix:	Soil	Sampled:	11/19/05
Units:	ug/Kg	Received:	11/21/05
Basis:	dry	Analyzed:	11/22/05

Moisture: 18%

Analyte	Result	RL
Freon 12	ND	10
Chloromethane	ND	10
Vinyl Chloride	ND	10
Bromomethane	ND	10
Chloroethane	ND	10
Trichlorofluoromethane	ND	5.1
Acetone	ND	20
Freon 113	ND	5.1
1,1-Dichloroethene	ND	5.1
Methylene Chloride	ND	20
Carbon Disulfide	ND	5.1
MTBE	ND	5.1
trans-1,2-Dichloroethene	ND	5.1
Vinyl Acetate	ND	51
1,1-Dichloroethane	ND	5.1
2-Butanone	ND	10
cis-1,2-Dichloroethene	ND	5.1
2,2-Dichloropropane	ND	5.1
Chloroform	ND	5.1
Bromochloromethane	ND	5.1
1,1,1-Trichloroethane	ND	5.1
1,1-Dichloropropene	ND	5.1
Carbon Tetrachloride	ND	5.1
1,2-Dichloroethane	ND	5.1
Benzene	ND	5.1
Trichloroethene	ND	5.1
1,2-Dichloropropane	ND	5.1
Bromodichloromethane	ND	5.1
Dibromomethane	ND	5.1
4-Methyl-2-Pentanone	ND	10
cis-1,3-Dichloropropene	ND	5.1
Toluene	ND	5.1
trans-1,3-Dichloropropene	ND	5.1
1,1,2-Trichloroethane	ND	5.1
2-Hexanone	ND	10
1,3-Dichloropropane	ND	5.1
Tetrachloroethene	ND	5.1
Dibromochloromethane	ND	5.1
1,2-Dibromoethane	ND	5.1
Chlorobenzene	ND	5.1
1,1,1,2-Tetrachloroethane	ND	5.1
Ethylbenzene	ND	5.1
m,p-Xylenes	ND	5.1
o-Xylene	ND	5.1
Styrene	ND	5.1
Bromoform	ND	5.1
Isopropylbenzene	ND	5.1
1,1,2,2-Tetrachloroethane	ND	5.1
1,2,3-Trichloropropane	ND	5.1
Propylbenzene	ND	5.1
Bromobenzene	ND	5.1
1,3,5-Trimethylbenzene	ND	5.1
2-Chlorotoluene	ND	5.1

ND= Not Detected
RL= Reporting Limit

28.1

Curtis & Tompkins, Ltd.

Purgeable Organics by GC/MS

Lab #:	183323	Location:	Mercury Cleaners
Client:	Ninyo & Moore	Prep:	EPA 5035
Project#:	STANDARD	Analysis:	EPA 8260B
Field ID:	B3-S-5-1	Diln Fac:	0.8333
Lab ID:	183323-011	Batch#:	108023
Matrix:	Soil	Sampled:	11/19/05
Units:	ug/Kg	Received:	11/21/05
Basis:	dry	Analyzed:	11/22/05

Analyte	Result	RL
4-Chlorotoluene	ND	5.1
tert-Butylbenzene	ND	5.1
1,2,4-Trimethylbenzene	ND	5.1
sec-Butylbenzene	ND	5.1
para-Isopropyl Toluene	ND	5.1
1,3-Dichlorobenzene	ND	5.1
1,4-Dichlorobenzene	ND	5.1
n-Butylbenzene	ND	5.1
1,2-Dichlorobenzene	ND	5.1
1,2-Dibromo-3-Chloropropane	ND	5.1
1,2,4-Trichlorobenzene	ND	5.1
Hexachlorobutadiene	ND	5.1
Naphthalene	ND	5.1
1,2,3-Trichlorobenzene	ND	5.1

Surrogate	%REC	Limits
Dibromofluoromethane	108	80-120
1,2-Dichloroethane-d4	118	80-123
Toluene-d8	101	80-120
Bromofluorobenzene	106	80-124

ND= Not Detected
RL= Reporting Limit

28.1

Curtis & Tompkins, Ltd.

Purgeable Organics by GC/MS

Lab #:	183323	Location:	Mercury Cleaners
Client:	Ninyo & Moore	Prep:	EPA 5035
Project#:	STANDARD	Analysis:	EPA 8260B
Field ID:	B4-S-2-1	Diln Fac:	1.087
Lab ID:	183323-013	Batch#:	108023
Matrix:	Soil	Sampled:	11/19/05
Units:	ug/Kg	Received:	11/21/05
Basis:	dry	Analyzed:	11/22/05

Moisture: 7%

Analyte	Result	RL
Freon 12	ND	12
Chloromethane	ND	12
Vinyl Chloride	ND	12
Bromomethane	ND	12
Chloroethane	ND	12
Trichlorofluoromethane	ND	5.8
Acetone	ND	23
Freon 113	ND	5.8
1,1-Dichloroethene	ND	5.8
Methylene Chloride	ND	23
Carbon Disulfide	ND	5.8
MTBE	ND	5.8
trans-1,2-Dichloroethene	ND	5.8
Vinyl Acetate	ND	58
1,1-Dichloroethane	ND	5.8
2-Butanone	ND	12
cis-1,2-Dichloroethene	ND	5.8
2,2-Dichloropropane	ND	5.8
Chloroform	ND	5.8
Bromochloromethane	ND	5.8
1,1,1-Trichloroethane	ND	5.8
1,1-Dichloropropene	ND	5.8
Carbon Tetrachloride	ND	5.8
1,2-Dichloroethane	ND	5.8
Benzene	ND	5.8
Trichloroethene	ND	5.8
1,2-Dichloropropane	ND	5.8
Bromodichloromethane	ND	5.8
Dibromomethane	ND	5.8
4-Methyl-2-Pentanone	ND	12
cis-1,3-Dichloropropene	ND	5.8
Toluene	ND	5.8
trans-1,3-Dichloropropene	ND	5.8
1,1,2-Trichloroethane	ND	5.8
2-Hexanone	ND	12
1,3-Dichloropropane	ND	5.8
Tetrachloroethene	ND	5.8
Dibromochloromethane	ND	5.8
1,2-Dibromoethane	ND	5.8
Chlorobenzene	ND	5.8
1,1,1,2-Tetrachloroethane	ND	5.8
Ethylbenzene	ND	5.8
m,p-Xylenes	ND	5.8
o-Xylene	ND	5.8
Styrene	ND	5.8
Bromoform	ND	5.8
Isopropylbenzene	ND	5.8
1,1,2,2-Tetrachloroethane	ND	5.8
1,2,3-Trichloropropane	ND	5.8
Propylbenzene	ND	5.8
Bromobenzene	ND	5.8
1,3,5-Trimethylbenzene	ND	5.8
2-Chlorotoluene	ND	5.8

ND= Not Detected
RL= Reporting Limit

Curtis & Tompkins, Ltd.

Purgeable Organics by GC/MS

Lab #:	183323	Location:	Mercury Cleaners
Client:	Ninyo & Moore	Prep:	EPA 5035
Project#:	STANDARD	Analysis:	EPA 8260B
Field ID:	B4-S-2-1	Diln Fac:	1.087
Lab ID:	183323-013	Batch#:	108023
Matrix:	Soil	Sampled:	11/19/05
Units:	ug/Kg	Received:	11/21/05
Basis:	dry	Analyzed:	11/22/05

Analyte	Result	RL
4-Chlorotoluene	ND	5.8
tert-Butylbenzene	ND	5.8
1,2,4-Trimethylbenzene	ND	5.8
sec-Butylbenzene	ND	5.8
para-Isopropyl Toluene	ND	5.8
1,3-Dichlorobenzene	ND	5.8
1,4-Dichlorobenzene	ND	5.8
n-Butylbenzene	ND	5.8
1,2-Dichlorobenzene	ND	5.8
1,2-Dibromo-3-Chloropropane	ND	5.8
1,2,4-Trichlorobenzene	ND	5.8
Hexachlorobutadiene	ND	5.8
Naphthalene	ND	5.8
1,2,3-Trichlorobenzene	ND	5.8

Surrogate	%REC	Limits
Dibromofluoromethane	108	80-120
1,2-Dichloroethane-d4	121	80-123
Toluene-d8	100	80-120
Bromofluorobenzene	107	80-124

ND= Not Detected
RL= Reporting Limit

29.1

Curtis & Tompkins, Ltd.

Purgeable Organics by GC/MS

Lab #:	183323	Location:	Mercury Cleaners
Client:	Ninyo & Moore	Prep:	EPA 5035
Project#:	STANDARD	Analysis:	EPA 8260B
Field ID:	B4-S-5-1	Diln Fac:	1.000
Lab ID:	183323-014	Batch#:	108023
Matrix:	Soil	Sampled:	11/19/05
Units:	ug/Kg	Received:	11/21/05
Basis:	dry	Analyzed:	11/22/05

Moisture: 16%

Analyte	Result	RL
Freon 12	ND	12
Chloromethane	ND	12
Vinyl Chloride	ND	12
Bromomethane	ND	12
Chloroethane	ND	12
Trichlorofluoromethane	ND	6.0
Acetone	ND	24
Freon 113	ND	6.0
1,1-Dichloroethene	ND	6.0
Methylene Chloride	ND	24
Carbon Disulfide	ND	6.0
MTBE	ND	6.0
trans-1,2-Dichloroethene	ND	6.0
Vinyl Acetate	ND	60
1,1-Dichloroethane	ND	6.0
2-Butanone	ND	12
cis-1,2-Dichloroethene	ND	6.0
2,2-Dichloropropane	ND	6.0
Chloroform	ND	6.0
Bromochloromethane	ND	6.0
1,1,1-Trichloroethane	ND	6.0
1,1-Dichloropropene	ND	6.0
Carbon Tetrachloride	ND	6.0
1,2-Dichloroethane	ND	6.0
Benzene	ND	6.0
Trichloroethene	ND	6.0
1,2-Dichloropropane	ND	6.0
Bromodichloromethane	ND	6.0
Dibromomethane	ND	6.0
4-Methyl-2-Pentanone	ND	12
cis-1,3-Dichloropropene	ND	6.0
Toluene	ND	6.0
trans-1,3-Dichloropropene	ND	6.0
1,1,2-Trichloroethane	ND	6.0
2-Hexanone	ND	12
1,3-Dichloropropane	ND	6.0
Tetrachloroethene	ND	6.0
Dibromochloromethane	ND	6.0
1,2-Dibromoethane	ND	6.0
Chlorobenzene	ND	6.0
1,1,1,2-Tetrachloroethane	ND	6.0
Ethylbenzene	ND	6.0
m,p-Xylenes	ND	6.0
o-Xylene	ND	6.0
Styrene	ND	6.0
Bromoform	ND	6.0
Isopropylbenzene	ND	6.0
1,1,2,2-Tetrachloroethane	ND	6.0
1,2,3-Trichloropropane	ND	6.0
Propylbenzene	ND	6.0
Bromobenzene	ND	6.0
1,3,5-Trimethylbenzene	ND	6.0
2-Chlorotoluene	ND	6.0

ND= Not Detected
RL= Reporting Limit

Curtis & Tompkins, Ltd.

Purgeable Organics by GC/MS

Lab #:	183323	Location:	Mercury Cleaners
Client:	Ninyo & Moore	Prep:	EPA 5035
Project#:	STANDARD	Analysis:	EPA 8260B
Field ID:	B4-S-5-1	Diln Fac:	1.000
Lab ID:	183323-014	Batch#:	108023
Matrix:	Soil	Sampled:	11/19/05
Units:	ug/Kg	Received:	11/21/05
Basis:	dry	Analyzed:	11/22/05

Analyte	Result	RL
4-Chlorotoluene	ND	6.0
tert-Butylbenzene	ND	6.0
1,2,4-Trimethylbenzene	ND	6.0
sec-Butylbenzene	ND	6.0
para-Isopropyl Toluene	ND	6.0
1,3-Dichlorobenzene	ND	6.0
1,4-Dichlorobenzene	ND	6.0
n-Butylbenzene	ND	6.0
1,2-Dichlorobenzene	ND	6.0
1,2-Dibromo-3-Chloropropane	ND	6.0
1,2,4-Trichlorobenzene	ND	6.0
Hexachlorobutadiene	ND	6.0
Naphthalene	ND	6.0
1,2,3-Trichlorobenzene	ND	6.0

Surrogate	%REC	Limits
Dibromofluoromethane	109	80-120
1,2-Dichloroethane-d4	123	80-123
Toluene-d8	103	80-120
Bromofluorobenzene	106	80-124

ND= Not Detected
RL= Reporting Limit

30.1

Curtis & Tompkins, Ltd.

Purgeable Organics by GC/MS

Lab #:	183323	Location:	Mercury Cleaners
Client:	Ninyo & Moore	Prep:	EPA 5035
Project#:	STANDARD	Analysis:	EPA 8260B
Field ID:	B4-S-10-1	Diln Fac:	1.000
Lab ID:	183323-015	Batch#:	108023
Matrix:	Soil	Sampled:	11/19/05
Units:	ug/Kg	Received:	11/21/05
Basis:	dry	Analyzed:	11/22/05

Moisture: 17%

Analyte	Result	RL
Freon 12	ND	12
Chloromethane	ND	12
Vinyl Chloride	ND	12
Bromomethane	ND	12
Chloroethane	ND	12
Trichlorofluoromethane	ND	6.0
Acetone	ND	24
Freon 113	ND	6.0
1,1-Dichloroethene	ND	6.0
Methylene Chloride	ND	24
Carbon Disulfide	ND	6.0
MTBE	ND	6.0
trans-1,2-Dichloroethene	ND	6.0
Vinyl Acetate	ND	60
1,1-Dichloroethane	ND	6.0
2-Butanone	ND	12
cis-1,2-Dichloroethene	ND	6.0
2,2-Dichloropropane	ND	6.0
Chloroform	ND	6.0
Bromochloromethane	ND	6.0
1,1,1-Trichloroethane	ND	6.0
1,1-Dichloropropene	ND	6.0
Carbon Tetrachloride	ND	6.0
1,2-Dichloroethane	ND	6.0
Benzene	ND	6.0
Trichloroethene	ND	6.0
1,2-Dichloropropane	ND	6.0
Bromodichloromethane	ND	6.0
Dibromomethane	ND	6.0
4-Methyl-2-Pentanone	ND	12
cis-1,3-Dichloropropene	ND	6.0
Toluene	ND	6.0
trans-1,3-Dichloropropene	ND	6.0
1,1,2-Trichloroethane	ND	6.0
2-Hexanone	ND	12
1,3-Dichloropropane	ND	6.0
Tetrachloroethene	ND	6.0
Dibromochloromethane	ND	6.0
1,2-Dibromoethane	ND	6.0
Chlorobenzene	ND	6.0
1,1,1,2-Tetrachloroethane	ND	6.0
Ethylbenzene	ND	6.0
m,p-Xylenes	ND	6.0
o-Xylene	ND	6.0
Styrene	ND	6.0
Bromoform	ND	6.0
Isopropylbenzene	ND	6.0
1,1,2,2-Tetrachloroethane	ND	6.0
1,2,3-Trichloropropane	ND	6.0
Propylbenzene	ND	6.0
Bromobenzene	ND	6.0
1,3,5-Trimethylbenzene	ND	6.0
2-Chlorotoluene	ND	6.0

ND= Not Detected
RL= Reporting Limit

31.1

Curtis & Tompkins, Ltd.

Purgeable Organics by GC/MS

Lab #:	183323	Location:	Mercury Cleaners
Client:	Ninyo & Moore	Prep:	EPA 5035
Project#:	STANDARD	Analysis:	EPA 8260B
Field ID:	B4-S-10-1	Diln Fac:	1.000
Lab ID:	183323-015	Batch#:	108023
Matrix:	Soil	Sampled:	11/19/05
Units:	ug/Kg	Received:	11/21/05
Basis:	dry	Analyzed:	11/22/05

Analyte	Result	RL
4-Chlorotoluene	ND	6.0
tert-Butylbenzene	ND	6.0
1,2,4-Trimethylbenzene	ND	6.0
sec-Butylbenzene	ND	6.0
para-Isopropyl Toluene	ND	6.0
1,3-Dichlorobenzene	ND	6.0
1,4-Dichlorobenzene	ND	6.0
n-Butylbenzene	ND	6.0
1,2-Dichlorobenzene	ND	6.0
1,2-Dibromo-3-Chloropropane	ND	6.0
1,2,4-Trichlorobenzene	ND	6.0
Hexachlorobutadiene	ND	6.0
Naphthalene	ND	6.0
1,2,3-Trichlorobenzene	ND	6.0

Surrogate	%REC	Limits
Dibromofluoromethane	106	80-120
1,2-Dichloroethane-d4	120	80-123
Toluene-d8	103	80-120
Bromofluorobenzene	104	80-124

ND= Not Detected
RL= Reporting Limit

31.1

Curtis & Tompkins, Ltd.

Purgeable Organics by GC/MS

Lab #:	183323	Location:	Mercury Cleaners
Client:	Ninyo & Moore	Prep:	EPA 5035
Project#:	STANDARD	Analysis:	EPA 8260B
Field ID:	B5-S-2-1	Diln Fac:	40.00
Lab ID:	183323-017	Batch#:	108198
Matrix:	Soil	Sampled:	11/19/05
Units:	ug/Kg	Received:	11/21/05
Basis:	dry	Analyzed:	11/29/05

Moisture: 14%

Analyte	Result	RL
Freon 12	ND	470
Chloromethane	ND	470
Vinyl Chloride	ND	470
Bromomethane	ND	470
Chloroethane	ND	470
Trichlorofluoromethane	ND	230
Acetone	ND	930
Freon 113	ND	230
1,1-Dichloroethene	ND	230
Methylene Chloride	ND	930
Carbon Disulfide	ND	230
MTBE	ND	230
trans-1,2-Dichloroethene	ND	230
Vinyl Acetate	ND	2,300
1,1-Dichloroethane	ND	230
2-Butanone	ND	470
cis-1,2-Dichloroethene	ND	230
2,2-Dichloropropane	ND	230
Chloroform	ND	230
Bromochloromethane	ND	230
1,1,1-Trichloroethane	ND	230
1,1-Dichloropropene	ND	230
Carbon Tetrachloride	ND	230
1,2-Dichloroethane	ND	230
Benzene	ND	230
Trichloroethene	ND	230
1,2-Dichloropropane	ND	230
Bromodichloromethane	ND	230
Dibromomethane	ND	230
4-Methyl-2-Pentanone	ND	470
cis-1,3-Dichloropropene	ND	230
Toluene	ND	230
trans-1,3-Dichloropropene	ND	230
1,1,2-Trichloroethane	ND	230
2-Hexanone	ND	470
1,3-Dichloropropane	ND	230
Tetrachloroethene	3,100	230
Dibromochloromethane	ND	230
1,2-Dibromoethane	ND	230
Chlorobenzene	ND	230
1,1,1,2-Tetrachloroethane	ND	230
Ethylbenzene	ND	230
m,p-Xylenes	ND	230
o-Xylene	ND	230
Styrene	ND	230
Bromoform	ND	230
Isopropylbenzene	ND	230
1,1,2,2-Tetrachloroethane	ND	230
1,2,3-Trichloropropane	ND	230
Propylbenzene	ND	230
Bromobenzene	ND	230
1,3,5-Trimethylbenzene	ND	230
2-Chlorotoluene	ND	230

ND= Not Detected
RL= Reporting Limit

32.1

Curtis & Tompkins, Ltd.

Purgeable Organics by GC/MS

Lab #:	183323	Location:	Mercury Cleaners
Client:	Ninyo & Moore	Prep:	EPA 5035
Project#:	STANDARD	Analysis:	EPA 8260B
Field ID:	B5-S-2-1	Diln Fac:	40.00
Lab ID:	183323-017	Batch#:	108198
Matrix:	Soil	Sampled:	11/19/05
Units:	ug/Kg	Received:	11/21/05
Basis:	dry	Analyzed:	11/29/05

Analyte	Result	RL
4-Chlorotoluene	ND	230
tert-Butylbenzene	ND	230
1,2,4-Trimethylbenzene	ND	230
sec-Butylbenzene	ND	230
para-Isopropyl Toluene	ND	230
1,3-Dichlorobenzene	ND	230
1,4-Dichlorobenzene	ND	230
n-Butylbenzene	ND	230
1,2-Dichlorobenzene	ND	230
1,2-Dibromo-3-Chloropropane	ND	230
1,2,4-Trichlorobenzene	ND	230
Hexachlorobutadiene	ND	230
Naphthalene	ND	230
1,2,3-Trichlorobenzene	ND	230

Surrogate	%REC	Limits
Dibromofluoromethane	89	80-120
1,2-Dichloroethane-d4	94	80-123
Toluene-d8	98	80-120
Bromofluorobenzene	97	80-124
Trifluorotoluene (MeOH)	95	31-132

ND= Not Detected
RL= Reporting Limit

32.1

Curtis & Tompkins, Ltd.

Purgeable Organics by GC/MS

Lab #:	183323	Location:	Mercury Cleaners
Client:	Ninyo & Moore	Prep:	EPA 5035
Project#:	STANDARD	Analysis:	EPA 8260B
Field ID:	B5-S-5-1	Diln Fac:	100.0
Lab ID:	183323-018	Batch#:	108233
Matrix:	Soil	Sampled:	11/19/05
Units:	ug/Kg	Received:	11/21/05
Basis:	dry	Analyzed:	11/30/05

Moisture: 19%

Analyte	Result	RL
Freon 12	ND	1,200
Chloromethane	ND	1,200
Vinyl Chloride	ND	1,200
Bromomethane	ND	1,200
Chloroethane	ND	1,200
Trichlorofluoromethane	ND	620
Acetone	ND	2,500
Freon 113	ND	620
1,1-Dichloroethene	ND	620
Methylene Chloride	ND	2,500
Carbon Disulfide	ND	620
MTBE	ND	620
trans-1,2-Dichloroethene	ND	620
Vinyl Acetate	ND	6,200
1,1-Dichloroethane	ND	620
2-Butanone	ND	1,200
cis-1,2-Dichloroethene	ND	620
2,2-Dichloropropane	ND	620
Chloroform	ND	620
Bromochloromethane	ND	620
1,1,1-Trichloroethane	ND	620
1,1-Dichloropropene	ND	620
Carbon Tetrachloride	ND	620
1,2-Dichloroethane	ND	620
Benzene	ND	620
Trichloroethene	ND	620
1,2-Dichloropropane	ND	620
Bromodichloromethane	ND	620
Dibromomethane	ND	620
4-Methyl-2-Pentanone	ND	1,200
cis-1,3-Dichloropropene	ND	620
Toluene	ND	620
trans-1,3-Dichloropropene	ND	620
1,1,2-Trichloroethane	ND	620
2-Hexanone	ND	1,200
1,3-Dichloropropane	ND	620
Tetrachloroethene	7,300	620
Dibromochloromethane	ND	620
1,2-Dibromoethane	ND	620
Chlorobenzene	ND	620
1,1,1,2-Tetrachloroethane	ND	620
Ethylbenzene	ND	620
m,p-Xylenes	ND	620
o-Xylene	ND	620
Styrene	ND	620
Bromoform	ND	620
Isopropylbenzene	ND	620
1,1,2,2-Tetrachloroethane	ND	620
1,2,3-Trichloropropane	ND	620
Propylbenzene	ND	620
Bromobenzene	ND	620
1,3,5-Trimethylbenzene	ND	620
2-Chlorotoluene	ND	620

ND= Not Detected
RL= Reporting Limit

Curtis & Tompkins, Ltd.

Purgeable Organics by GC/MS

Lab #:	183323	Location:	Mercury Cleaners
Client:	Ninyo & Moore	Prep:	EPA 5035
Project#:	STANDARD	Analysis:	EPA 8260B
Field ID:	B5-S-5-1	Diln Fac:	100.0
Lab ID:	183323-018	Batch#:	108233
Matrix:	Soil	Sampled:	11/19/05
Units:	ug/Kg	Received:	11/21/05
Basis:	dry	Analyzed:	11/30/05

Analyte	Result	RL
4-Chlorotoluene	ND	620
tert-Butylbenzene	ND	620
1,2,4-Trimethylbenzene	ND	620
sec-Butylbenzene	ND	620
para-Isopropyl Toluene	ND	620
1,3-Dichlorobenzene	ND	620
1,4-Dichlorobenzene	ND	620
n-Butylbenzene	ND	620
1,2-Dichlorobenzene	ND	620
1,2-Dibromo-3-Chloropropane	ND	620
1,2,4-Trichlorobenzene	ND	620
Hexachlorobutadiene	ND	620
Naphthalene	ND	620
1,2,3-Trichlorobenzene	ND	620

Surrogate	%REC	Limits
Dibromofluoromethane	92	80-120
1,2-Dichloroethane-d4	105	80-123
Toluene-d8	103	80-120
Bromofluorobenzene	103	80-124
Trifluorotoluene (MeOH)	95	31-132

ND= Not Detected
RL= Reporting Limit

33.1

Curtis & Tompkins, Ltd.

Purgeable Organics by GC/MS

Lab #:	183323	Location:	Mercury Cleaners
Client:	Ninyo & Moore	Prep:	EPA 5035
Project#:	STANDARD	Analysis:	EPA 8260B
Field ID:	B25-S-2-1	Diln Fac:	71.43
Lab ID:	183323-020	Batch#:	108233
Matrix:	Soil	Sampled:	11/19/05
Units:	ug/Kg	Received:	11/21/05
Basis:	dry	Analyzed:	11/30/05

Moisture: 15%

Analyte	Result	RL
Freon 12	ND	840
Chloromethane	ND	840
Vinyl Chloride	ND	840
Bromomethane	ND	840
Chloroethane	ND	840
Trichlorofluoromethane	ND	420
Acetone	ND	1,700
Freon 113	ND	420
1,1-Dichloroethene	ND	420
Methylene Chloride	ND	1,700
Carbon Disulfide	ND	420
MTBE	ND	420
trans-1,2-Dichloroethene	ND	420
Vinyl Acetate	ND	4,200
1,1-Dichloroethane	ND	420
2-Butanone	ND	840
cis-1,2-Dichloroethene	ND	420
2,2-Dichloropropane	ND	420
Chloroform	ND	420
Bromochloromethane	ND	420
1,1,1-Trichloroethane	ND	420
1,1-Dichloropropene	ND	420
Carbon Tetrachloride	ND	420
1,2-Dichloroethane	ND	420
Benzene	ND	420
Trichloroethene	ND	420
1,2-Dichloropropane	ND	420
Bromodichloromethane	ND	420
Dibromomethane	ND	420
4-Methyl-2-Pentanone	ND	840
cis-1,3-Dichloropropene	ND	420
Toluene	ND	420
trans-1,3-Dichloropropene	ND	420
1,1,2-Trichloroethane	ND	420
2-Hexanone	ND	840
1,3-Dichloropropane	ND	420
Tetrachloroethene	4,500	420
Dibromochloromethane	ND	420
1,2-Dibromoethane	ND	420
Chlorobenzene	ND	420
1,1,1,2-Tetrachloroethane	ND	420
Ethylbenzene	ND	420
m,p-Xylenes	ND	420
o-Xylene	ND	420
Styrene	ND	420
Bromoform	ND	420
Isopropylbenzene	ND	420
1,1,2,2-Tetrachloroethane	ND	420
1,2,3-Trichloropropane	ND	420
Propylbenzene	ND	420
Bromobenzene	ND	420
1,3,5-Trimethylbenzene	ND	420
2-Chlorotoluene	ND	420

ND= Not Detected
RL= Reporting Limit

34.1

Curtis & Tompkins, Ltd.

Purgeable Organics by GC/MS

Lab #:	183323	Location:	Mercury Cleaners
Client:	Ninyo & Moore	Prep:	EPA 5035
Project#:	STANDARD	Analysis:	EPA 8260B
Field ID:	B25-S-2-1	Diln Fac:	71.43
Lab ID:	183323-020	Batch#:	108233
Matrix:	Soil	Sampled:	11/19/05
Units:	ug/Kg	Received:	11/21/05
Basis:	dry	Analyzed:	11/30/05

Analyte	Result	RL
4-Chlorotoluene	ND	420
tert-Butylbenzene	ND	420
1,2,4-Trimethylbenzene	ND	420
sec-Butylbenzene	ND	420
para-Isopropyl Toluene	ND	420
1,3-Dichlorobenzene	ND	420
1,4-Dichlorobenzene	ND	420
n-Butylbenzene	ND	420
1,2-Dichlorobenzene	ND	420
1,2-Dibromo-3-Chloropropane	ND	420
1,2,4-Trichlorobenzene	ND	420
Hexachlorobutadiene	ND	420
Naphthalene	ND	420
1,2,3-Trichlorobenzene	ND	420

Surrogate	%REC	Limits
Dibromofluoromethane	92	80-120
1,2-Dichloroethane-d4	114	80-123
Toluene-d8	102	80-120
Bromofluorobenzene	103	80-124
Trifluorotoluene (MeOH)	102	31-132

ND= Not Detected
RL= Reporting Limit

Curtis & Tompkins, Ltd.

Purgeable Organics by GC/MS

Lab #:	183323	Location:	Mercury Cleaners
Client:	Ninyo & Moore	Prep:	EPA 5035
Project#:	STANDARD	Analysis:	EPA 8260B
Field ID:	B6-S-2-1	Diln Fac:	1.111
Lab ID:	183323-021	Batch#:	108019
Matrix:	Soil	Sampled:	11/19/05
Units:	ug/Kg	Received:	11/21/05
Basis:	dry	Analyzed:	11/22/05

Moisture: 13%

Analyte	Result	RL
Freon 12	ND	13
Chloromethane	ND	13
Vinyl Chloride	ND	13
Bromomethane	ND	13
Chloroethane	ND	13
Trichlorofluoromethane	ND	6.4
Acetone	ND	26
Freon 113	ND	6.4
1,1-Dichloroethene	ND	6.4
Methylene Chloride	ND	26
Carbon Disulfide	ND	6.4
MTBE	ND	6.4
trans-1,2-Dichloroethene	ND	6.4
Vinyl Acetate	ND	64
1,1-Dichloroethane	ND	6.4
2-Butanone	ND	13
cis-1,2-Dichloroethene	ND	6.4
2,2-Dichloropropane	ND	6.4
Chloroform	ND	6.4
Bromochloromethane	ND	6.4
1,1,1-Trichloroethane	ND	6.4
1,1-Dichloropropene	ND	6.4
Carbon Tetrachloride	ND	6.4
1,2-Dichloroethane	ND	6.4
Benzene	ND	6.4
Trichloroethene	ND	6.4
1,2-Dichloropropane	ND	6.4
Bromodichloromethane	ND	6.4
Dibromomethane	ND	6.4
4-Methyl-2-Pentanone	ND	13
cis-1,3-Dichloropropene	ND	6.4
Toluene	ND	6.4
trans-1,3-Dichloropropene	ND	6.4
1,1,2-Trichloroethane	ND	6.4
2-Hexanone	ND	13
1,3-Dichloropropane	ND	6.4
Tetrachloroethene	ND	6.4
Dibromochloromethane	ND	6.4
1,2-Dibromoethane	ND	6.4
Chlorobenzene	ND	6.4
1,1,1,2-Tetrachloroethane	ND	6.4
Ethylbenzene	ND	6.4
m,p-Xylenes	ND	6.4
o-Xylene	ND	6.4
Styrene	ND	6.4
Bromoform	ND	6.4
Isopropylbenzene	ND	6.4
1,1,2,2-Tetrachloroethane	ND	6.4
1,2,3-Trichloropropane	ND	6.4
Propylbenzene	ND	6.4
Bromobenzene	ND	6.4
1,3,5-Trimethylbenzene	ND	6.4
2-Chlorotoluene	ND	6.4

ND= Not Detected
RL= Reporting Limit

Curtis & Tompkins, Ltd.

Purgeable Organics by GC/MS

Lab #:	183323	Location:	Mercury Cleaners
Client:	Ninyo & Moore	Prep:	EPA 5035
Project#:	STANDARD	Analysis:	EPA 8260B
Field ID:	B6-S-2-1	Diln Fac:	1.111
Lab ID:	183323-021	Batch#:	108019
Matrix:	Soil	Sampled:	11/19/05
Units:	ug/Kg	Received:	11/21/05
Basis:	dry	Analyzed:	11/22/05

Analyte	Result	RL
4-Chlorotoluene	ND	6.4
tert-Butylbenzene	ND	6.4
1,2,4-Trimethylbenzene	ND	6.4
sec-Butylbenzene	ND	6.4
para-Isopropyl Toluene	ND	6.4
1,3-Dichlorobenzene	ND	6.4
1,4-Dichlorobenzene	ND	6.4
n-Butylbenzene	ND	6.4
1,2-Dichlorobenzene	ND	6.4
1,2-Dibromo-3-Chloropropane	ND	6.4
1,2,4-Trichlorobenzene	ND	6.4
Hexachlorobutadiene	ND	6.4
Naphthalene	ND	6.4
1,2,3-Trichlorobenzene	ND	6.4

Surrogate	%REC	Limits
Dibromofluoromethane	98	80-120
1,2-Dichloroethane-d4	106	80-123
Toluene-d8	103	80-120
Bromofluorobenzene	103	80-124

ND= Not Detected
RL= Reporting Limit

35.1

Curtis & Tompkins, Ltd.

Purgeable Organics by GC/MS

Lab #:	183323	Location:	Mercury Cleaners
Client:	Ninyo & Moore	Prep:	EPA 5035
Project#:	STANDARD	Analysis:	EPA 8260B
Field ID:	B6-S-5-1	Diln Fac:	0.8197
Lab ID:	183323-022	Batch#:	108019
Matrix:	Soil	Sampled:	11/19/05
Units:	ug/Kg	Received:	11/21/05
Basis:	dry	Analyzed:	11/22/05

Moisture: 19%

Analyte	Result	RL
Freon 12	ND	10
Chloromethane	ND	10
Vinyl Chloride	ND	10
Bromomethane	ND	10
Chloroethane	ND	10
Trichlorofluoromethane	ND	5.1
Acetone	ND	20
Freon 113	ND	5.1
1,1-Dichloroethene	ND	5.1
Methylene Chloride	ND	20
Carbon Disulfide	ND	5.1
MTBE	ND	5.1
trans-1,2-Dichloroethene	ND	5.1
Vinyl Acetate	ND	51
1,1-Dichloroethane	ND	5.1
2-Butanone	ND	10
cis-1,2-Dichloroethene	ND	5.1
2,2-Dichloropropane	ND	5.1
Chloroform	ND	5.1
Bromochloromethane	ND	5.1
1,1,1-Trichloroethane	ND	5.1
1,1-Dichloropropene	ND	5.1
Carbon Tetrachloride	ND	5.1
1,2-Dichloroethane	ND	5.1
Benzene	ND	5.1
Trichloroethene	ND	5.1
1,2-Dichloropropane	ND	5.1
Bromodichloromethane	ND	5.1
Dibromomethane	ND	5.1
4-Methyl-2-Pentanone	ND	10
cis-1,3-Dichloropropene	ND	5.1
Toluene	ND	5.1
trans-1,3-Dichloropropene	ND	5.1
1,1,2-Trichloroethane	ND	5.1
2-Hexanone	ND	10
1,3-Dichloropropane	ND	5.1
Tetrachloroethene	ND	5.1
Dibromochloromethane	ND	5.1
1,2-Dibromoethane	ND	5.1
Chlorobenzene	ND	5.1
1,1,1,2-Tetrachloroethane	ND	5.1
Ethylbenzene	ND	5.1
m,p-Xylenes	ND	5.1
o-Xylene	ND	5.1
Styrene	ND	5.1
Bromoform	ND	5.1
Isopropylbenzene	ND	5.1
1,1,2,2-Tetrachloroethane	ND	5.1
1,2,3-Trichloropropane	ND	5.1
Propylbenzene	ND	5.1
Bromobenzene	ND	5.1
1,3,5-Trimethylbenzene	ND	5.1
2-Chlorotoluene	ND	5.1

ND= Not Detected
RL= Reporting Limit

36.1

Curtis & Tompkins, Ltd.

Purgeable Organics by GC/MS

Lab #:	183323	Location:	Mercury Cleaners
Client:	Ninyo & Moore	Prep:	EPA 5035
Project#:	STANDARD	Analysis:	EPA 8260B
Field ID:	B6-S-5-1	Diln Fac:	0.8197
Lab ID:	183323-022	Batch#:	108019
Matrix:	Soil	Sampled:	11/19/05
Units:	ug/Kg	Received:	11/21/05
Basis:	dry	Analyzed:	11/22/05

Analyte	Result	RL
4-Chlorotoluene	ND	5.1
tert-Butylbenzene	ND	5.1
1,2,4-Trimethylbenzene	ND	5.1
sec-Butylbenzene	ND	5.1
para-Isopropyl Toluene	ND	5.1
1,3-Dichlorobenzene	ND	5.1
1,4-Dichlorobenzene	ND	5.1
n-Butylbenzene	ND	5.1
1,2-Dichlorobenzene	ND	5.1
1,2-Dibromo-3-Chloropropane	ND	5.1
1,2,4-Trichlorobenzene	ND	5.1
Hexachlorobutadiene	ND	5.1
Naphthalene	ND	5.1
1,2,3-Trichlorobenzene	ND	5.1

Surrogate	%REC	Limits
Dibromofluoromethane	106	80-120
1,2-Dichloroethane-d4	108	80-123
Toluene-d8	101	80-120
Bromofluorobenzene	102	80-124

ND= Not Detected
RL= Reporting Limit

36.1

Curtis & Tompkins, Ltd.

Purgeable Organics by GC/MS

Lab #:	183323	Location:	Mercury Cleaners
Client:	Ninyo & Moore	Prep:	EPA 5035
Project#:	STANDARD	Analysis:	EPA 8260B
Field ID:	B6-S-10-1	Diln Fac:	0.7937
Lab ID:	183323-023	Batch#:	108019
Matrix:	Soil	Sampled:	11/19/05
Units:	ug/Kg	Received:	11/21/05
Basis:	dry	Analyzed:	11/22/05

Moisture: 18%

Analyte	Result	RL
Freon 12	ND	9.7
Chloromethane	ND	9.7
Vinyl Chloride	ND	9.7
Bromomethane	ND	9.7
Chloroethane	ND	9.7
Trichlorofluoromethane	ND	4.8
Acetone	ND	19
Freon 113	ND	4.8
1,1-Dichloroethene	ND	4.8
Methylene Chloride	ND	19
Carbon Disulfide	ND	4.8
MTBE	ND	4.8
trans-1,2-Dichloroethene	ND	4.8
Vinyl Acetate	ND	48
1,1-Dichloroethane	ND	4.8
2-Butanone	ND	9.7
cis-1,2-Dichloroethene	ND	4.8
2,2-Dichloropropane	ND	4.8
Chloroform	ND	4.8
Bromochloromethane	ND	4.8
1,1,1-Trichloroethane	ND	4.8
1,1-Dichloropropene	ND	4.8
Carbon Tetrachloride	ND	4.8
1,2-Dichloroethane	ND	4.8
Benzene	ND	4.8
Trichloroethene	ND	4.8
1,2-Dichloropropane	ND	4.8
Bromodichloromethane	ND	4.8
Dibromomethane	ND	4.8
4-Methyl-2-Pentanone	ND	9.7
cis-1,3-Dichloropropene	ND	4.8
Toluene	ND	4.8
trans-1,3-Dichloropropene	ND	4.8
1,1,2-Trichloroethane	ND	4.8
2-Hexanone	ND	9.7
1,3-Dichloropropane	ND	4.8
Tetrachloroethene	ND	4.8
Dibromochloromethane	ND	4.8
1,2-Dibromoethane	ND	4.8
Chlorobenzene	ND	4.8
1,1,1,2-Tetrachloroethane	ND	4.8
Ethylbenzene	ND	4.8
m,p-Xylenes	ND	4.8
o-Xylene	ND	4.8
Styrene	ND	4.8
Bromoform	ND	4.8
Isopropylbenzene	ND	4.8
1,1,2,2-Tetrachloroethane	ND	4.8
1,2,3-Trichloropropane	ND	4.8
Propylbenzene	ND	4.8
Bromobenzene	ND	4.8
1,3,5-Trimethylbenzene	ND	4.8
2-Chlorotoluene	ND	4.8

ND= Not Detected
RL= Reporting Limit

37.1

Curtis & Tompkins, Ltd.

Purgeable Organics by GC/MS

Lab #:	183323	Location:	Mercury Cleaners
Client:	Ninyo & Moore	Prep:	EPA 5035
Project#:	STANDARD	Analysis:	EPA 8260B
Field ID:	B6-S-10-1	Diln Fac:	0.7937
Lab ID:	183323-023	Batch#:	108019
Matrix:	Soil	Sampled:	11/19/05
Units:	ug/Kg	Received:	11/21/05
Basis:	dry	Analyzed:	11/22/05

Analyte	Result	RL
4-Chlorotoluene	ND	4.8
tert-Butylbenzene	ND	4.8
1,2,4-Trimethylbenzene	ND	4.8
sec-Butylbenzene	ND	4.8
para-Isopropyl Toluene	ND	4.8
1,3-Dichlorobenzene	ND	4.8
1,4-Dichlorobenzene	ND	4.8
n-Butylbenzene	ND	4.8
1,2-Dichlorobenzene	ND	4.8
1,2-Dibromo-3-Chloropropane	ND	4.8
1,2,4-Trichlorobenzene	ND	4.8
Hexachlorobutadiene	ND	4.8
Naphthalene	ND	4.8
1,2,3-Trichlorobenzene	ND	4.8

Surrogate	%REC	Limits
Dibromofluoromethane	105	80-120
1,2-Dichloroethane-d4	107	80-123
Toluene-d8	101	80-120
Bromofluorobenzene	105	80-124

ND= Not Detected
RL= Reporting Limit

37.1

Curtis & Tompkins, Ltd.

Batch QC Report

Purgeable Organics by GC/MS

Lab #:	183323	Location:	Mercury Cleaners
Client:	Ninyo & Moore	Prep:	EPA 5035
Project#:	STANDARD	Analysis:	EPA 8260B
Type:	BLANK	Basis:	as received
Lab ID:	QC317959	Diln Fac:	1.000
Matrix:	Soil	Batch#:	107957
Units:	ug/Kg	Analyzed:	11/21/05

Analyte	Result	RL
Freon 12	ND	10
Chloromethane	ND	10
Vinyl Chloride	ND	10
Bromomethane	ND	10
Chloroethane	ND	10
Trichlorofluoromethane	ND	5.0
Acetone	ND	20
Freon 113	ND	5.0
1,1-Dichloroethene	ND	5.0
Methylene Chloride	ND	20
Carbon Disulfide	ND	5.0
MTBE	ND	5.0
trans-1,2-Dichloroethene	ND	5.0
Vinyl Acetate	ND	50
1,1-Dichloroethane	ND	5.0
2-Butanone	ND	10
cis-1,2-Dichloroethene	ND	5.0
2,2-Dichloropropane	ND	5.0
Chloroform	ND	5.0
Bromochloromethane	ND	5.0
1,1,1-Trichloroethane	ND	5.0
1,1-Dichloropropene	ND	5.0
Carbon Tetrachloride	ND	5.0
1,2-Dichloroethane	ND	5.0
Benzene	ND	5.0
Trichloroethene	ND	5.0
1,2-Dichloropropane	ND	5.0
Bromodichloromethane	ND	5.0
Dibromomethane	ND	5.0
4-Methyl-2-Pentanone	ND	10
cis-1,3-Dichloropropene	ND	5.0
Toluene	ND	5.0
trans-1,3-Dichloropropene	ND	5.0
1,1,2-Trichloroethane	ND	5.0
2-Hexanone	ND	10
1,3-Dichloropropane	ND	5.0
Tetrachloroethene	ND	5.0

ND= Not Detected
RL= Reporting Limit

38.0

Curtis & Tompkins, Ltd.

Batch QC Report

Purgeable Organics by GC/MS

Lab #:	183323	Location:	Mercury Cleaners
Client:	Ninyo & Moore	Prep:	EPA 5035
Project#:	STANDARD	Analysis:	EPA 8260B
Type:	BLANK	Basis:	as received
Lab ID:	QC317959	Diln Fac:	1.000
Matrix:	Soil	Batch#:	107957
Units:	ug/Kg	Analyzed:	11/21/05

Analyte	Result	RL
Dibromochloromethane	ND	5.0
1,2-Dibromoethane	ND	5.0
Chlorobenzene	ND	5.0
1,1,1,2-Tetrachloroethane	ND	5.0
Ethylbenzene	ND	5.0
m,p-Xylenes	ND	5.0
o-Xylene	ND	5.0
Styrene	ND	5.0
Bromoform	ND	5.0
Isopropylbenzene	ND	5.0
1,1,2,2-Tetrachloroethane	ND	5.0
1,2,3-Trichloropropane	ND	5.0
Propylbenzene	ND	5.0
Bromobenzene	ND	5.0
1,3,5-Trimethylbenzene	ND	5.0
2-Chlorotoluene	ND	5.0
4-Chlorotoluene	ND	5.0
tert-Butylbenzene	ND	5.0
1,2,4-Trimethylbenzene	ND	5.0
sec-Butylbenzene	ND	5.0
para-Isopropyl Toluene	ND	5.0
1,3-Dichlorobenzene	ND	5.0
1,4-Dichlorobenzene	ND	5.0
n-Butylbenzene	ND	5.0
1,2-Dichlorobenzene	ND	5.0
1,2-Dibromo-3-Chloropropane	ND	5.0
1,2,4-Trichlorobenzene	ND	5.0
Hexachlorobutadiene	ND	5.0
Naphthalene	ND	5.0
1,2,3-Trichlorobenzene	ND	5.0

Surrogate	%REC	Limits
Dibromofluoromethane	98	80-120
1,2-Dichloroethane-d4	100	80-123
Toluene-d8	101	80-120
Bromofluorobenzene	96	80-124

ND= Not Detected
RL= Reporting Limit

38.0

Curtis & Tompkins, Ltd.

Batch QC Report

Purgeable Organics by GC/MS

Lab #:	183323	Location:	Mercury Cleaners
Client:	Ninyo & Moore	Prep:	EPA 5035
Project#:	STANDARD	Analysis:	EPA 8260B
Type:	BLANK	Basis:	as received
Lab ID:	QC318213	Diln Fac:	1.000
Matrix:	Soil	Batch#:	108019
Units:	ug/Kg	Analyzed:	11/22/05

Analyte	Result	RL
Freon 12	ND	10
Chloromethane	ND	10
Vinyl Chloride	ND	10
Bromomethane	ND	10
Chloroethane	ND	10
Trichlorofluoromethane	ND	5.0
Acetone	ND	20
Freon 113	ND	5.0
1,1-Dichloroethene	ND	5.0
Methylene Chloride	ND	20
Carbon Disulfide	ND	5.0
MTBE	ND	5.0
trans-1,2-Dichloroethene	ND	5.0
Vinyl Acetate	ND	50
1,1-Dichloroethane	ND	5.0
2-Butanone	ND	10
cis-1,2-Dichloroethene	ND	5.0
2,2-Dichloropropane	ND	5.0
Chloroform	ND	5.0
Bromochloromethane	ND	5.0
1,1,1-Trichloroethane	ND	5.0
1,1-Dichloropropene	ND	5.0
Carbon Tetrachloride	ND	5.0
1,2-Dichloroethane	ND	5.0
Benzene	ND	5.0
Trichloroethene	ND	5.0
1,2-Dichloropropane	ND	5.0
Bromodichloromethane	ND	5.0
Dibromomethane	ND	5.0
4-Methyl-2-Pentanone	ND	10
cis-1,3-Dichloropropene	ND	5.0
Toluene	ND	5.0
trans-1,3-Dichloropropene	ND	5.0
1,1,2-Trichloroethane	ND	5.0
2-Hexanone	ND	10
1,3-Dichloropropane	ND	5.0
Tetrachloroethene	ND	5.0

ND= Not Detected
RL= Reporting Limit

39.0

Curtis & Tompkins, Ltd.

Batch QC Report

Purgeable Organics by GC/MS

Lab #:	183323	Location:	Mercury Cleaners
Client:	Ninyo & Moore	Prep:	EPA 5035
Project#:	STANDARD	Analysis:	EPA 8260B
Type:	BLANK	Basis:	as received
Lab ID:	QC318213	Diln Fac:	1.000
Matrix:	Soil	Batch#:	108019
Units:	ug/Kg	Analyzed:	11/22/05

Analyte	Result	RL
Dibromochloromethane	ND	5.0
1,2-Dibromoethane	ND	5.0
Chlorobenzene	ND	5.0
1,1,1,2-Tetrachloroethane	ND	5.0
Ethylbenzene	ND	5.0
m,p-Xylenes	ND	5.0
o-Xylene	ND	5.0
Styrene	ND	5.0
Bromoform	ND	5.0
Isopropylbenzene	ND	5.0
1,1,2,2-Tetrachloroethane	ND	5.0
1,2,3-Trichloropropane	ND	5.0
Propylbenzene	ND	5.0
Bromobenzene	ND	5.0
1,3,5-Trimethylbenzene	ND	5.0
2-Chlorotoluene	ND	5.0
4-Chlorotoluene	ND	5.0
tert-Butylbenzene	ND	5.0
1,2,4-Trimethylbenzene	ND	5.0
sec-Butylbenzene	ND	5.0
para-Isopropyl Toluene	ND	5.0
1,3-Dichlorobenzene	ND	5.0
1,4-Dichlorobenzene	ND	5.0
n-Butylbenzene	ND	5.0
1,2-Dichlorobenzene	ND	5.0
1,2-Dibromo-3-Chloropropane	ND	5.0
1,2,4-Trichlorobenzene	ND	5.0
Hexachlorobutadiene	ND	5.0
Naphthalene	5.7	5.0
1,2,3-Trichlorobenzene	ND	5.0

Surrogate	%REC	Limits
Dibromofluoromethane	96	80-120
1,2-Dichloroethane-d4	90	80-123
Toluene-d8	96	80-120
Bromofluorobenzene	99	80-124

ND= Not Detected
RL= Reporting Limit

39.0

Curtis & Tompkins, Ltd.

Batch QC Report

Purgeable Organics by GC/MS

Lab #:	183323	Location:	Mercury Cleaners
Client:	Ninyo & Moore	Prep:	EPA 5035
Project#:	STANDARD	Analysis:	EPA 8260B
Type:	BLANK	Basis:	as received
Lab ID:	QC318231	Diln Fac:	1.000
Matrix:	Soil	Batch#:	108023
Units:	ug/Kg	Analyzed:	11/22/05

Analyte	Result	RL
Freon 12	ND	10
Chloromethane	ND	10
Vinyl Chloride	ND	10
Bromomethane	ND	10
Chloroethane	ND	10
Trichlorofluoromethane	ND	5.0
Acetone	ND	20
Freon 113	ND	5.0
1,1-Dichloroethene	ND	5.0
Methylene Chloride	ND	20
Carbon Disulfide	ND	5.0
MTBE	ND	5.0
trans-1,2-Dichloroethene	ND	5.0
Vinyl Acetate	ND	50
1,1-Dichloroethane	ND	5.0
2-Butanone	ND	10
cis-1,2-Dichloroethene	ND	5.0
2,2-Dichloropropane	ND	5.0
Chloroform	ND	5.0
Bromochloromethane	ND	5.0
1,1,1-Trichloroethane	ND	5.0
1,1-Dichloropropene	ND	5.0
Carbon Tetrachloride	ND	5.0
1,2-Dichloroethane	ND	5.0
Benzene	ND	5.0
Trichloroethene	ND	5.0
1,2-Dichloropropane	ND	5.0
Bromodichloromethane	ND	5.0
Dibromomethane	ND	5.0
4-Methyl-2-Pentanone	ND	10
cis-1,3-Dichloropropene	ND	5.0
Toluene	ND	5.0
trans-1,3-Dichloropropene	ND	5.0
1,1,2-Trichloroethane	ND	5.0
2-Hexanone	ND	10
1,3-Dichloropropane	ND	5.0
Tetrachloroethene	ND	5.0

ND= Not Detected
RL= Reporting Limit

40.0

Curtis & Tompkins, Ltd.

Batch QC Report

Purgeable Organics by GC/MS

Lab #:	183323	Location:	Mercury Cleaners
Client:	Ninyo & Moore	Prep:	EPA 5035
Project#:	STANDARD	Analysis:	EPA 8260B
Type:	BLANK	Basis:	as received
Lab ID:	QC318231	Diln Fac:	1.000
Matrix:	Soil	Batch#:	108023
Units:	ug/Kg	Analyzed:	11/22/05

Analyte	Result	RL
Dibromochloromethane	ND	5.0
1,2-Dibromoethane	ND	5.0
Chlorobenzene	ND	5.0
1,1,1,2-Tetrachloroethane	ND	5.0
Ethylbenzene	ND	5.0
m,p-Xylenes	ND	5.0
o-Xylene	ND	5.0
Styrene	ND	5.0
Bromoform	ND	5.0
Isopropylbenzene	ND	5.0
1,1,2,2-Tetrachloroethane	ND	5.0
1,2,3-Trichloropropane	ND	5.0
Propylbenzene	ND	5.0
Bromobenzene	ND	5.0
1,3,5-Trimethylbenzene	ND	5.0
2-Chlorotoluene	ND	5.0
4-Chlorotoluene	ND	5.0
tert-Butylbenzene	ND	5.0
1,2,4-Trimethylbenzene	ND	5.0
sec-Butylbenzene	ND	5.0
para-Isopropyl Toluene	ND	5.0
1,3-Dichlorobenzene	ND	5.0
1,4-Dichlorobenzene	ND	5.0
n-Butylbenzene	ND	5.0
1,2-Dichlorobenzene	ND	5.0
1,2-Dibromo-3-Chloropropane	ND	5.0
1,2,4-Trichlorobenzene	ND	5.0
Hexachlorobutadiene	ND	5.0
Naphthalene	ND	5.0
1,2,3-Trichlorobenzene	ND	5.0

Surrogate	%REC	Limits
Dibromofluoromethane	99	80-120
1,2-Dichloroethane-d4	102	80-123
Toluene-d8	100	80-120
Bromofluorobenzene	103	80-124

ND= Not Detected
RL= Reporting Limit

40.0

Curtis & Tompkins, Ltd.

Batch QC Report

Purgeable Organics by GC/MS

Lab #:	183323	Location:	Mercury Cleaners
Client:	Ninyo & Moore	Prep:	EPA 5035
Project#:	STANDARD	Analysis:	EPA 8260B
Type:	BLANK	Basis:	as received
Lab ID:	QC318965	Diln Fac:	1.000
Matrix:	Soil	Batch#:	108198
Units:	ug/Kg	Analyzed:	11/29/05

Analyte	Result	RL
Freon 12	ND	10
Chloromethane	ND	10
Vinyl Chloride	ND	10
Bromomethane	ND	10
Chloroethane	ND	10
Trichlorofluoromethane	ND	5.0
Acetone	ND	20
Freon 113	ND	5.0
1,1-Dichloroethene	ND	5.0
Methylene Chloride	ND	20
Carbon Disulfide	ND	5.0
MTBE	ND	5.0
trans-1,2-Dichloroethene	ND	5.0
Vinyl Acetate	ND	50
1,1-Dichloroethane	ND	5.0
2-Butanone	ND	10
cis-1,2-Dichloroethene	ND	5.0
2,2-Dichloropropane	ND	5.0
Chloroform	ND	5.0
Bromochloromethane	ND	5.0
1,1,1-Trichloroethane	ND	5.0
1,1-Dichloropropene	ND	5.0
Carbon Tetrachloride	ND	5.0
1,2-Dichloroethane	ND	5.0
Benzene	ND	5.0
Trichloroethene	ND	5.0
1,2-Dichloropropane	ND	5.0
Bromodichloromethane	ND	5.0
Dibromomethane	ND	5.0
4-Methyl-2-Pentanone	ND	10
cis-1,3-Dichloropropene	ND	5.0
Toluene	ND	5.0
trans-1,3-Dichloropropene	ND	5.0
1,1,2-Trichloroethane	ND	5.0
2-Hexanone	ND	10
1,3-Dichloropropane	ND	5.0
Tetrachloroethene	ND	5.0

ND= Not Detected
RL= Reporting Limit

41.0

Curtis & Tompkins, Ltd.

Batch QC Report

Purgeable Organics by GC/MS

Lab #:	183323	Location:	Mercury Cleaners
Client:	Ninyo & Moore	Prep:	EPA 5035
Project#:	STANDARD	Analysis:	EPA 8260B
Type:	BLANK	Basis:	as received
Lab ID:	QC318965	Diln Fac:	1.000
Matrix:	Soil	Batch#:	108198
Units:	ug/Kg	Analyzed:	11/29/05

Analyte	Result	RL
Dibromochloromethane	ND	5.0
1,2-Dibromoethane	ND	5.0
Chlorobenzene	ND	5.0
1,1,1,2-Tetrachloroethane	ND	5.0
Ethylbenzene	ND	5.0
m,p-Xylenes	ND	5.0
o-Xylene	ND	5.0
Styrene	ND	5.0
Bromoform	ND	5.0
Isopropylbenzene	ND	5.0
1,1,2,2-Tetrachloroethane	ND	5.0
1,2,3-Trichloropropane	ND	5.0
Propylbenzene	ND	5.0
Bromobenzene	ND	5.0
1,3,5-Trimethylbenzene	ND	5.0
2-Chlorotoluene	ND	5.0
4-Chlorotoluene	ND	5.0
tert-Butylbenzene	ND	5.0
1,2,4-Trimethylbenzene	ND	5.0
sec-Butylbenzene	ND	5.0
para-Isopropyl Toluene	ND	5.0
1,3-Dichlorobenzene	ND	5.0
1,4-Dichlorobenzene	ND	5.0
n-Butylbenzene	ND	5.0
1,2-Dichlorobenzene	ND	5.0
1,2-Dibromo-3-Chloropropane	ND	5.0
1,2,4-Trichlorobenzene	ND	5.0
Hexachlorobutadiene	ND	5.0
Naphthalene	ND	5.0
1,2,3-Trichlorobenzene	ND	5.0

Surrogate	%REC	Limits
Dibromofluoromethane	94	80-120
1,2-Dichloroethane-d4	102	80-123
Toluene-d8	100	80-120
Bromofluorobenzene	99	80-124

ND= Not Detected
RL= Reporting Limit

41.0

Curtis & Tompkins, Ltd.

Batch QC Report

Purgeable Organics by GC/MS

Lab #:	183323	Location:	Mercury Cleaners
Client:	Ninyo & Moore	Prep:	EPA 5035
Project#:	STANDARD	Analysis:	EPA 8260B
Type:	BLANK	Basis:	as received
Lab ID:	QC319112	Diln Fac:	1.000
Matrix:	Soil	Batch#:	108233
Units:	ug/Kg	Analyzed:	11/30/05

Analyte	Result	RL
Freon 12	ND	10
Chloromethane	ND	10
Vinyl Chloride	ND	10
Bromomethane	ND	10
Chloroethane	ND	10
Trichlorofluoromethane	ND	5.0
Acetone	ND	20
Freon 113	ND	5.0
1,1-Dichloroethene	ND	5.0
Methylene Chloride	ND	20
Carbon Disulfide	ND	5.0
MTBE	ND	5.0
trans-1,2-Dichloroethene	ND	5.0
Vinyl Acetate	ND	50
1,1-Dichloroethane	ND	5.0
2-Butanone	ND	10
cis-1,2-Dichloroethene	ND	5.0
2,2-Dichloropropane	ND	5.0
Chloroform	ND	5.0
Bromochloromethane	ND	5.0
1,1,1-Trichloroethane	ND	5.0
1,1-Dichloropropene	ND	5.0
Carbon Tetrachloride	ND	5.0
1,2-Dichloroethane	ND	5.0
Benzene	ND	5.0
Trichloroethene	ND	5.0
1,2-Dichloropropane	ND	5.0
Bromodichloromethane	ND	5.0
Dibromomethane	ND	5.0
4-Methyl-2-Pentanone	ND	10
cis-1,3-Dichloropropene	ND	5.0
Toluene	ND	5.0
trans-1,3-Dichloropropene	ND	5.0
1,1,2-Trichloroethane	ND	5.0
2-Hexanone	ND	10
1,3-Dichloropropane	ND	5.0
Tetrachloroethene	ND	5.0

ND= Not Detected
RL= Reporting Limit

42.0

Curtis & Tompkins, Ltd.

Batch QC Report

Purgeable Organics by GC/MS

Lab #:	183323	Location:	Mercury Cleaners
Client:	Ninyo & Moore	Prep:	EPA 5035
Project#:	STANDARD	Analysis:	EPA 8260B
Type:	BLANK	Basis:	as received
Lab ID:	QC319112	Diln Fac:	1.000
Matrix:	Soil	Batch#:	108233
Units:	ug/Kg	Analyzed:	11/30/05

Analyte	Result	RL
Dibromochloromethane	ND	5.0
1,2-Dibromoethane	ND	5.0
Chlorobenzene	ND	5.0
1,1,1,2-Tetrachloroethane	ND	5.0
Ethylbenzene	ND	5.0
m,p-Xylenes	ND	5.0
o-Xylene	ND	5.0
Styrene	ND	5.0
Bromoform	ND	5.0
Isopropylbenzene	ND	5.0
1,1,2,2-Tetrachloroethane	ND	5.0
1,2,3-Trichloropropane	ND	5.0
Propylbenzene	ND	5.0
Bromobenzene	ND	5.0
1,3,5-Trimethylbenzene	ND	5.0
2-Chlorotoluene	ND	5.0
4-Chlorotoluene	ND	5.0
tert-Butylbenzene	ND	5.0
1,2,4-Trimethylbenzene	ND	5.0
sec-Butylbenzene	ND	5.0
para-Isopropyl Toluene	ND	5.0
1,3-Dichlorobenzene	ND	5.0
1,4-Dichlorobenzene	ND	5.0
n-Butylbenzene	ND	5.0
1,2-Dichlorobenzene	ND	5.0
1,2-Dibromo-3-Chloropropane	ND	5.0
1,2,4-Trichlorobenzene	ND	5.0
Hexachlorobutadiene	ND	5.0
Naphthalene	ND	5.0
1,2,3-Trichlorobenzene	ND	5.0

Surrogate	%REC	Limits
Dibromofluoromethane	97	80-120
1,2-Dichloroethane-d4	106	80-123
Toluene-d8	101	80-120
Bromofluorobenzene	101	80-124

ND= Not Detected
RL= Reporting Limit

42.0

Curtis & Tompkins, Ltd.

Batch QC Report

Purgeable Organics by GC/MS

Lab #:	183323	Location:	Mercury Cleaners
Client:	Ninyo & Moore	Prep:	EPA 5035
Project#:	STANDARD	Analysis:	EPA 8260B
Type:	LCS	Basis:	as received
Lab ID:	QC317958	Diln Fac:	1.000
Matrix:	Soil	Batch#:	107957
Units:	ug/Kg	Analyzed:	11/21/05

Analyte	Spiked	Result	%REC	Limits
1,1-Dichloroethene	50.00	52.24	104	78-127
Benzene	50.00	51.20	102	80-120
Trichloroethene	50.00	52.47	105	80-120
Toluene	50.00	54.58	109	80-120
Chlorobenzene	50.00	50.61	101	80-120

Surrogate	%REC	Limits
Dibromofluoromethane	96	80-120
1,2-Dichloroethane-d4	98	80-123
Toluene-d8	101	80-120
Bromofluorobenzene	95	80-124

Curtis & Tompkins, Ltd.

Batch QC Report

Purgeable Organics by GC/MS

Lab #:	183323	Location:	Mercury Cleaners
Client:	Ninyo & Moore	Prep:	EPA 5035
Project#:	STANDARD	Analysis:	EPA 8260B
Type:	LCS	Basis:	as received
Lab ID:	QC318212	Diln Fac:	1.000
Matrix:	Soil	Batch#:	108019
Units:	ug/Kg	Analyzed:	11/22/05

Analyte	Spiked	Result	%REC	Limits
1,1-Dichloroethene	50.00	54.61	109	78-127
Benzene	50.00	51.27	103	80-120
Trichloroethene	50.00	52.40	105	80-120
Toluene	50.00	56.24	112	80-120
Chlorobenzene	50.00	52.93	106	80-120

Surrogate	%REC	Limits
Dibromofluoromethane	93	80-120
1,2-Dichloroethane-d4	86	80-123
Toluene-d8	102	80-120
Bromofluorobenzene	98	80-124

45.0

Curtis & Tompkins, Ltd.

Batch QC Report

Purgeable Organics by GC/MS

Lab #:	183323	Location:	Mercury Cleaners
Client:	Ninyo & Moore	Prep:	EPA 5035
Project#:	STANDARD	Analysis:	EPA 8260B
Type:	LCS	Basis:	as received
Lab ID:	QC318230	Diln Fac:	1.000
Matrix:	Soil	Batch#:	108023
Units:	ug/Kg	Analyzed:	11/22/05

Analyte	Spiked	Result	%REC	Limits
1,1-Dichloroethene	25.00	22.05	88	78-127
Benzene	25.00	21.57	86	80-120
Trichloroethene	25.00	21.47	86	80-120
Toluene	25.00	22.06	88	80-120
Chlorobenzene	25.00	22.79	91	80-120

Surrogate	%REC	Limits
Dibromofluoromethane	98	80-120
1,2-Dichloroethane-d4	100	80-123
Toluene-d8	99	80-120
Bromofluorobenzene	100	80-124

47.0

Curtis & Tompkins, Ltd.

Batch QC Report

Purgeable Organics by GC/MS

Lab #:	183323	Location:	Mercury Cleaners
Client:	Ninyo & Moore	Prep:	EPA 5035
Project#:	STANDARD	Analysis:	EPA 8260B
Type:	LCS	Basis:	as received
Lab ID:	QC318964	Diln Fac:	1.000
Matrix:	Soil	Batch#:	108198
Units:	ug/Kg	Analyzed:	11/29/05

Analyte	Spiked	Result	%REC	Limits
1,1-Dichloroethene	50.00	50.65	101	78-127
Benzene	50.00	46.30	93	80-120
Trichloroethene	50.00	51.21	102	80-120
Toluene	50.00	48.26	97	80-120
Chlorobenzene	50.00	48.85	98	80-120

Surrogate	%REC	Limits
Dibromofluoromethane	95	80-120
1,2-Dichloroethane-d4	99	80-123
Toluene-d8	100	80-120
Bromofluorobenzene	99	80-124

Curtis & Tompkins, Ltd.

Batch QC Report

Purgeable Organics by GC/MS

Lab #:	183323	Location:	Mercury Cleaners
Client:	Ninyo & Moore	Prep:	EPA 5035
Project#:	STANDARD	Analysis:	EPA 8260B
Type:	LCS	Basis:	as received
Lab ID:	QC319113	Diln Fac:	1.000
Matrix:	Soil	Batch#:	108233
Units:	ug/Kg	Analyzed:	11/30/05

Analyte	Spiked	Result	%REC	Limits
1,1-Dichloroethene	25.00	25.22	101	78-127
Benzene	25.00	23.84	95	80-120
Trichloroethene	25.00	26.05	104	80-120
Toluene	25.00	25.41	102	80-120
Chlorobenzene	25.00	25.72	103	80-120

Surrogate	%REC	Limits
Dibromofluoromethane	94	80-120
1,2-Dichloroethane-d4	104	80-123
Toluene-d8	102	80-120
Bromofluorobenzene	98	80-124

Curtis & Tompkins, Ltd.

Batch QC Report

Purgeable Organics by GC/MS

Lab #:	183323	Location:	Mercury Cleaners
Client:	Ninyo & Moore	Prep:	EPA 5035
Project#:	STANDARD	Analysis:	EPA 8260B
Field ID:	B1-S-2-1	Batch#:	107957
MSS Lab ID:	183323-001	Sampled:	11/19/05
Matrix:	Soil	Received:	11/21/05
Units:	ug/Kg	Analyzed:	11/21/05
Basis:	dry		

Type:	MS	Moisture:	9%
Lab ID:	QC318060	Diln Fac:	1.020

Analyte	MSS Result	Spiked	Result	%REC	Limits
1,1-Dichloroethene	<2.666	56.07	50.44	90	66-125
Benzene	<2.564	56.07	47.83	85	67-120
Trichloroethene	<2.462	56.07	49.33	88	63-124
Toluene	<2.857	56.07	49.90	89	63-120
Chlorobenzene	<2.499	56.07	48.62	87	59-120

Surrogate	%REC	Limits
Dibromofluoromethane	95	80-120
1,2-Dichloroethane-d4	100	80-123
Toluene-d8	98	80-120
Bromofluorobenzene	97	80-124

Type:	MSD	Moisture:	9%
Lab ID:	QC318061	Diln Fac:	1.190

Analyte	Spiked	Result	%REC	Limits	RPD	Lim
1,1-Dichloroethene	65.41	63.06	96	66-125	7	20
Benzene	65.41	58.36	89	67-120	4	20
Trichloroethene	65.41	59.10	90	63-124	3	20
Toluene	65.41	58.54	90	63-120	1	20
Chlorobenzene	65.41	54.76	84	59-120	4	20

Surrogate	%REC	Limits
Dibromofluoromethane	95	80-120
1,2-Dichloroethane-d4	97	80-123
Toluene-d8	97	80-120
Bromofluorobenzene	97	80-124

RPD= Relative Percent Difference

Curtis & Tompkins, Ltd.

Batch QC Report

Purgeable Organics by GC/MS

Lab #:	183323	Location:	Mercury Cleaners
Client:	Ninyo & Moore	Prep:	EPA 5035
Project#:	STANDARD	Analysis:	EPA 8260B
Field ID:	ZZZZZZZZZZ	Diln Fac:	0.9259
MSS Lab ID:	183348-001	Batch#:	108019
Matrix:	Soil	Sampled:	11/21/05
Units:	ug/Kg	Received:	11/21/05
Basis:	dry	Analyzed:	11/22/05

Type: MS Moisture: 10%
Lab ID: QC318268

Analyte	MSS Result	Spiked	Result	%REC	Limits
1,1-Dichloroethene	<2.247	51.44	53.43	104	66-125
Benzene	<2.160	51.44	48.29	94	67-120
Trichloroethene	<2.074	51.44	80.73	157 *	63-124
Toluene	<2.407	51.44	45.21	88	63-120
Chlorobenzene	<2.106	51.44	40.71	79	59-120

Surrogate	%REC	Limits
Dibromofluoromethane	86	80-120
1,2-Dichloroethane-d4	97	80-123
Toluene-d8	100	80-120
Bromofluorobenzene	101	80-124

Type: MSD Moisture: 10%
Lab ID: QC318269

Analyte	Spiked	Result	%REC	Limits	RPD	Lim
1,1-Dichloroethene	51.44	53.30	104	66-125	0	20
Benzene	51.44	45.82	89	67-120	5	20
Trichloroethene	51.44	76.38	148 *	63-124	6	20
Toluene	51.44	43.71	85	63-120	3	20
Chlorobenzene	51.44	40.91	80	59-120	1	20

Surrogate	%REC	Limits
Dibromofluoromethane	87	80-120
1,2-Dichloroethane-d4	96	80-123
Toluene-d8	101	80-120
Bromofluorobenzene	104	80-124

*= Value outside of QC limits; see narrative
RPD= Relative Percent Difference

46.1

Curtis & Tompkins, Ltd.

Batch QC Report

Purgeable Organics by GC/MS

Lab #:	183323	Location:	Mercury Cleaners
Client:	Ninyo & Moore	Prep:	EPA 5035
Project#:	STANDARD	Analysis:	EPA 8260B
Field ID:	B4-S-2-1	Batch#:	108023
MSS Lab ID:	183323-013	Sampled:	11/19/05
Matrix:	Soil	Received:	11/21/05
Units:	ug/Kg	Analyzed:	11/23/05
Basis:	dry		

Type:	MS	Moisture:	7%
Lab ID:	QC318310	Diln Fac:	1.136

Analyte	MSS Result	Spiked	Result	%REC	Limits
1,1-Dichloroethene	<0.8169	61.09	59.72	98	66-125
Benzene	<0.6737	61.09	55.11	90	67-120
Trichloroethene	<0.6309	61.09	55.21	90	63-124
Toluene	<0.5499	61.09	55.43	91	63-120
Chlorobenzene	<0.6771	61.09	50.50	83	59-120

Surrogate	%REC	Limits
Dibromofluoromethane	103	80-120
1,2-Dichloroethane-d4	98	80-123
Toluene-d8	101	80-120
Bromofluorobenzene	100	80-124

Type:	MSD	Moisture:	7%
Lab ID:	QC318311	Diln Fac:	1.087

Analyte	Spiked	Result	%REC	Limits	RPD	Lim
1,1-Dichloroethene	58.44	59.44	102	66-125	4	20
Benzene	58.44	54.27	93	67-120	3	20
Trichloroethene	58.44	52.75	90	63-124	0	20
Toluene	58.44	52.82	90	63-120	0	20
Chlorobenzene	58.44	50.37	86	59-120	4	20

Surrogate	%REC	Limits
Dibromofluoromethane	102	80-120
1,2-Dichloroethane-d4	100	80-123
Toluene-d8	101	80-120
Bromofluorobenzene	103	80-124

RPD= Relative Percent Difference

Curtis & Tompkins, Ltd.

Batch QC Report

Purgeable Organics by GC/MS

Lab #:	183323	Location:	Mercury Cleaners
Client:	Ninyo & Moore	Prep:	EPA 5035
Project#:	STANDARD	Analysis:	EPA 8260B
Field ID:	ZZZZZZZZZZ	Diln Fac:	25.00
MSS Lab ID:	183384-008	Batch#:	108198
Matrix:	Soil	Sampled:	11/21/05
Units:	ug/Kg	Received:	11/22/05
Basis:	as received	Analyzed:	11/30/05

Type: MS Lab ID: QC319021

Analyte	MSS Result	Spiked	Result	%REC	Limits
1,1-Dichloroethene	<53.25	1,250	1,230	98	66-125
Benzene	<45.05	1,250	985.1	79	67-120
Trichloroethene	<45.96	1,250	1,112	89	63-124
Toluene	<46.43	1,250	1,001	80	63-120
Chlorobenzene	<38.97	1,250	885.5	71	59-120

Surrogate	%REC	Limits
Dibromofluoromethane	96	80-120
1,2-Dichloroethane-d4	118	80-123
Toluene-d8	102	80-120
Bromofluorobenzene	103	80-124
Trifluorotoluene (MeOH)	67	31-132

Type: MSD Lab ID: QC319022

Analyte	Spiked	Result	%REC	Limits	RPD	Lim
1,1-Dichloroethene	1,250	1,292	103	66-125	5	20
Benzene	1,250	1,171	94	67-120	17	20
Trichloroethene	1,250	1,254	100	63-124	12	20
Toluene	1,250	1,215	97	63-120	19	20
Chlorobenzene	1,250	1,213	97	59-120	31 *	20

Surrogate	%REC	Limits
Dibromofluoromethane	94	80-120
1,2-Dichloroethane-d4	102	80-123
Toluene-d8	101	80-120
Bromofluorobenzene	102	80-124
Trifluorotoluene (MeOH)	72	31-132

*= Value outside of QC limits; see narrative
RPD= Relative Percent Difference

50.0

Curtis & Tompkins, Ltd.

Batch QC Report

Purgeable Organics by GC/MS

Lab #:	183323	Location:	Mercury Cleaners
Client:	Ninyo & Moore	Prep:	EPA 5035
Project#:	STANDARD	Analysis:	EPA 8260B
Field ID:	ZZZZZZZZZZ	Diln Fac:	0.9259
MSS Lab ID:	183305-030	Batch#:	108233
Matrix:	Soil	Sampled:	11/18/05
Units:	ug/Kg	Received:	11/18/05
Basis:	as received	Analyzed:	11/30/05

Type: MS Lab ID: QC319178

Analyte	MSS Result	Spiked	Result	%REC	Limits
1,1-Dichloroethene	<0.6471	46.30	30.73	66	66-125
Benzene	<0.5338	46.30	26.65	58 *	67-120
Trichloroethene	<0.4998	46.30	26.02	56 *	63-124
Toluene	<0.4356	46.30	25.49	55 *	63-120
Chlorobenzene	<0.5364	46.30	21.14	46 *	59-120

Surrogate	%REC	Limits
Dibromofluoromethane	101	80-120
1,2-Dichloroethane-d4	119	80-123
Toluene-d8	103	80-120
Bromofluorobenzene	105	80-124

Type: MSD Lab ID: QC319179

Analyte	Spiked	Result	%REC	Limits	RPD	Lim
1,1-Dichloroethene	46.30	38.51	83	66-125	22 *	20
Benzene	46.30	31.57	68	67-120	17	20
Trichloroethene	46.30	34.56	75	63-124	28 *	20
Toluene	46.30	30.75	66	63-120	19	20
Chlorobenzene	46.30	26.46	57 *	59-120	22 *	20

Surrogate	%REC	Limits
Dibromofluoromethane	102	80-120
1,2-Dichloroethane-d4	118	80-123
Toluene-d8	101	80-120
Bromofluorobenzene	106	80-124

*= Value outside of QC limits; see narrative
RPD= Relative Percent Difference

52.0

Curtis & Tompkins, Ltd.

California LUFT Metals

Lab #:	183323	Location:	Mercury Cleaners
Client:	Ninyo & Moore	Prep:	EPA 3010A
Project#:	STANDARD	Analysis:	EPA 6010B
Matrix:	Water	Sampled:	11/19/05
Units:	ug/L	Received:	11/21/05
Diln Fac:	1.000	Prepared:	11/23/05
Batch#:	108059	Analyzed:	11/29/05

Field ID: B3-GW-1 Lab ID: 183323-025
Type: SAMPLE

Analyte	Result	RL
Cadmium	ND	5.0
Chromium	15	10
Lead	ND	3.0
Nickel	ND	20
Zinc	ND	20

Field ID: B16-GW-1 Lab ID: 183323-026
Type: SAMPLE

Analyte	Result	RL
Cadmium	ND	5.0
Chromium	31	10
Lead	ND	3.0
Nickel	ND	20
Zinc	ND	20

Field ID: B28-GW-1 Lab ID: 183323-027
Type: SAMPLE

Analyte	Result	RL
Cadmium	ND	5.0
Chromium	ND	10
Lead	ND	3.0
Nickel	ND	20
Zinc	ND	20

Type: BLANK Lab ID: QC318376

Analyte	Result	RL
Cadmium	ND	5.0
Chromium	ND	10
Lead	ND	3.0
Nickel	ND	20
Zinc	ND	20

ND= Not Detected
RL= Reporting Limit

11.0

Curtis & Tompkins, Ltd.

Batch QC Report

California LUFT Metals

Lab #:	183323	Location:	Mercury Cleaners
Client:	Ninyo & Moore	Prep:	EPA 3010A
Project#:	STANDARD	Analysis:	EPA 6010B
Matrix:	Water	Batch#:	108059
Units:	ug/L	Prepared:	11/23/05
Diln Fac:	1.000	Analyzed:	11/29/05

Type: BS Lab ID: QC318377

Analyte	Spiked	Result	%REC	Limits
Cadmium	50.00	51.74	103	80-120
Chromium	200.0	200.4	100	80-120
Lead	100.0	97.18	97	76-124
Nickel	500.0	494.3	99	80-120
Zinc	500.0	512.9	103	80-120

Type: BSD Lab ID: QC318378

Analyte	Spiked	Result	%REC	Limits	RPD	Lim
Cadmium	50.00	50.15	100	80-120	3	20
Chromium	200.0	191.0	95	80-120	5	20
Lead	100.0	93.88	94	76-124	3	20
Nickel	500.0	472.7	95	80-120	4	20
Zinc	500.0	493.1	99	80-120	4	20

RPD= Relative Percent Difference

12.0

Curtis & Tompkins, Ltd.

Batch QC Report

California LUFT Metals

Lab #:	183323	Location:	Mercury Cleaners
Client:	Ninyo & Moore	Prep:	EPA 3010A
Project#:	STANDARD	Analysis:	EPA 6010B
Field ID:	B3-GW-1	Batch#:	108059
MSS Lab ID:	183323-025	Sampled:	11/19/05
Matrix:	Water	Received:	11/21/05
Units:	ug/L	Prepared:	11/23/05
Diln Fac:	1.000	Analyzed:	11/29/05

Type: MS Lab ID: QC318379

Analyte	MSS Result	Spiked	Result	%REC	Limits
Cadmium	<0.5500	50.00	50.81	102	80-120
Chromium	14.61	200.0	208.1	97	80-120
Lead	<0.5698	100.0	89.08	89	61-135
Nickel	<0.9182	500.0	461.4	92	77-120
Zinc	<1.533	500.0	506.5	101	75-124

Type: MSD Lab ID: QC318380

Analyte	Spiked	Result	%REC	Limits	RPD	Lim
Cadmium	50.00	49.73	99	80-120	2	20
Chromium	200.0	202.6	94	80-120	3	20
Lead	100.0	88.47	88	61-135	1	23
Nickel	500.0	449.4	90	77-120	3	20
Zinc	500.0	483.9	97	75-124	5	20

RPD= Relative Percent Difference

13.0

Curtis & Tompkins, Ltd.

California LUFT Metals

Lab #:	183323	Location:	Mercury Cleaners
Client:	Ninyo & Moore	Prep:	EPA 3050B
Project#:	STANDARD	Analysis:	EPA 6010B
Matrix:	Soil	Received:	11/21/05
Units:	mg/Kg	Prepared:	11/25/05
Batch#:	108103	Analyzed:	11/28/05
Sampled:	11/19/05		

Field ID:	B1-S-2-1	Basis:	dry
Type:	SAMPLE	Moisture:	9%
Lab ID:	183323-001	Diln Fac:	1.000

Analyte	Result	RL
Cadmium	1.1	0.23
Chromium	51	0.47
Lead	7.9	0.14
Nickel	46	0.93
Zinc	45	0.93

Field ID:	B1-S-5-1	Basis:	dry
Type:	SAMPLE	Moisture:	21%
Lab ID:	183323-002	Diln Fac:	1.000

Analyte	Result	RL
Cadmium	1.3	0.28
Chromium	54	0.55
Lead	8.2	0.17
Nickel	63	1.1
Zinc	64	1.1

Field ID:	B1-S-10-1	Basis:	dry
Type:	SAMPLE	Moisture:	17%
Lab ID:	183323-003	Diln Fac:	1.000

Analyte	Result	RL
Cadmium	1.3	0.25
Chromium	60	0.50
Lead	8.8	0.15
Nickel	63	1.0
Zinc	58	1.0

Field ID:	B2-S-2-1	Basis:	dry
Type:	SAMPLE	Moisture:	12%
Lab ID:	183323-005	Diln Fac:	1.000

Analyte	Result	RL
Cadmium	1.5	0.31
Chromium	60	0.62
Lead	94	0.19
Nickel	52	1.2
Zinc	56	1.2

ND= Not Detected
RL= Reporting Limit

17.1

Curtis & Tompkins, Ltd.

California LUFT Metals

Lab #:	183323	Location:	Mercury Cleaners
Client:	Ninyo & Moore	Prep:	EPA 3050B
Project#:	STANDARD	Analysis:	EPA 6010B
Matrix:	Soil	Received:	11/21/05
Units:	mg/Kg	Prepared:	11/25/05
Batch#:	108103	Analyzed:	11/28/05
Sampled:	11/19/05		

Field ID:	B2-S-5-1	Basis:	dry
Type:	SAMPLE	Moisture:	23%
Lab ID:	183323-006	Diln Fac:	1.000

Analyte	Result	RL
Cadmium	1.4	0.23
Chromium	59	0.46
Lead	8.3	0.14
Nickel	64	0.93
Zinc	66	0.93

Field ID:	B2-S-10-1	Basis:	dry
Type:	SAMPLE	Moisture:	17%
Lab ID:	183323-007	Diln Fac:	1.000

Analyte	Result	RL
Cadmium	1.3	0.25
Chromium	56	0.50
Lead	9.2	0.15
Nickel	58	1.0
Zinc	57	1.0

Field ID:	B22-S-2-1	Basis:	dry
Type:	SAMPLE	Moisture:	2%
Lab ID:	183323-009		

Analyte	Result	RL	Diln Fac
Cadmium	1.3	0.19	1.000
Chromium	42	0.37	1.000
Lead	1,000	2.2	20.00
Nickel	39	0.74	1.000
Zinc	150	0.74	1.000

Field ID:	B3-S-2-1	Basis:	dry
Type:	SAMPLE	Moisture:	8%
Lab ID:	183323-010	Diln Fac:	1.000

Analyte	Result	RL
Cadmium	1.1	0.23
Chromium	55	0.46
Lead	36	0.14
Nickel	52	0.91
Zinc	54	0.91

ND= Not Detected
RL= Reporting Limit

17.1

Curtis & Tompkins, Ltd.

California LUFT Metals

Lab #:	183323	Location:	Mercury Cleaners
Client:	Ninyo & Moore	Prep:	EPA 3050B
Project#:	STANDARD	Analysis:	EPA 6010B
Matrix:	Soil	Received:	11/21/05
Units:	mg/Kg	Prepared:	11/25/05
Batch#:	108103	Analyzed:	11/28/05
Sampled:	11/19/05		

Field ID:	B3-S-5-1	Basis:	dry
Type:	SAMPLE	Moisture:	18%
Lab ID:	183323-011	Diln Fac:	1.000

Analyte	Result	RL
Cadmium	1.3	0.21
Chromium	55	0.43
Lead	7.6	0.13
Nickel	59	0.85
Zinc	54	0.85

Type:	BLANK	Basis:	as received
Lab ID:	QC318570	Diln Fac:	1.000

Analyte	Result	RL
Cadmium	ND	0.25
Chromium	ND	0.50
Lead	ND	0.15
Nickel	ND	1.0
Zinc	ND	1.0

ND= Not Detected
RL= Reporting Limit

17.1

Curtis & Tompkins, Ltd.

Batch QC Report

California LUFT Metals

Lab #:	183323	Location:	Mercury Cleaners
Client:	Ninyo & Moore	Prep:	EPA 3050B
Project#:	STANDARD	Analysis:	EPA 6010B
Matrix:	Soil	Batch#:	108103
Units:	mg/Kg	Prepared:	11/25/05
Basis:	as received	Analyzed:	11/28/05
Diln Fac:	1.000		

Type: BS Lab ID: QC318571

Analyte	Spiked	Result	%REC	Limits
Cadmium	10.00	10.77	108	80-120
Chromium	100.0	104.6	105	80-120
Lead	100.0	103.4	103	80-120
Nickel	25.00	26.29	105	80-120
Zinc	25.00	26.85	107	80-120

Type: BSD Lab ID: QC318572

Analyte	Spiked	Result	%REC	Limits	RPD	Lim
Cadmium	10.00	10.35	104	80-120	4	20
Chromium	100.0	99.71	100	80-120	5	20
Lead	100.0	99.36	99	80-120	4	20
Nickel	25.00	25.30	101	80-120	4	20
Zinc	25.00	25.75	103	80-120	4	20

RPD= Relative Percent Difference

18.0

Curtis & Tompkins, Ltd.

Batch QC Report

California LUFT Metals

Lab #:	183323	Location:	Mercury Cleaners
Client:	Ninyo & Moore	Prep:	EPA 3050B
Project#:	STANDARD	Analysis:	EPA 6010B
Field ID:	B1-S-2-1	Batch#:	108103
MSS Lab ID:	183323-001	Sampled:	11/19/05
Matrix:	Soil	Received:	11/21/05
Units:	mg/Kg	Prepared:	11/25/05
Basis:	dry	Analyzed:	11/28/05
Diln Fac:	1.000		

Type: MS Moisture: 9%
Lab ID: QC318573

Analyte	MSS Result	Spiked	Result	%REC	Limits
Cadmium	1.139	10.08	10.55	93	72-120
Chromium	51.18	100.8	146.5	95	65-120
Lead	7.877	100.8	95.96	87	57-125
Nickel	46.50	25.20	72.31	102	47-135
Zinc	44.65	25.20	69.83	100	43-141

Type: MSD Moisture: 9%
Lab ID: QC318574

Analyte	Spiked	Result	%REC	Limits	RPD	Lim
Cadmium	11.21	11.62	93	72-120	0	20
Chromium	112.1	159.4	96	65-120	1	20
Lead	112.1	106.1	88	57-125	0	20
Nickel	28.03	74.38	99	47-135	1	20
Zinc	28.03	72.53	99	43-141	0	20

RPD= Relative Percent Difference

Curtis & Tompkins, Ltd.

Moisture

Lab #:	183323	Location:	Mercury Cleaners
Client:	Ninyo & Moore	Prep:	METHOD
Project#:	STANDARD	Analysis:	ASTM D2216/CLP
Analyte:	Moisture, Percent	Batch#:	108176
Matrix:	Soil	Sampled:	11/19/05
Units:	%	Received:	11/21/05
Diln Fac:	1.000	Analyzed:	11/29/05

Field ID	Lab ID	Result	RL
B1-S-2-1	183323-001	9	1
B1-S-5-1	183323-002	21	1
B1-S-10-1	183323-003	17	1
B2-S-2-1	183323-005	13	1
B2-S-5-1	183323-006	23	1
B2-S-10-1	183323-007	17	1
B22-S-2-1	183323-009	2	1
B3-S-2-1	183323-010	8	1
B3-S-5-1	183323-011	18	1
B4-S-2-1	183323-013	7	1
B4-S-5-1	183323-014	16	1
B4-S-10-1	183323-015	17	1
B5-S-2-1	183323-017	14	1
B5-S-5-1	183323-018	19	1
B25-S-2-1	183323-020	15	1
B6-S-2-1	183323-021	13	1
B6-S-5-1	183323-022	19	1
B6-S-10-1	183323-023	18	1

RL= Reporting Limit

63.0

Curtis & Tompkins, Ltd.

Purgeable Organics by GC/MS

Lab #:	183624	Location:	Mercury Cleaners
Client:	Ninyo & Moore	Prep:	EPA 5030B
Project#:	STANDARD	Analysis:	EPA 8260B
Field ID:	B5-S-15-1	Diln Fac:	3,333
Lab ID:	183624-001	Batch#:	108482
Matrix:	Soil	Sampled:	11/19/05
Units:	ug/Kg	Received:	11/21/05
Basis:	dry	Analyzed:	12/07/05

Moisture: 17%

Analyte	Result	RL
Freon 12	ND b	40,000
Chloromethane	ND b	40,000
Vinyl Chloride	ND b	40,000
Bromomethane	ND b	40,000
Chloroethane	ND b	40,000
Trichlorofluoromethane	ND b	20,000
Acetone	ND b	80,000
Freon 113	ND b	20,000
1,1-Dichloroethene	ND b	20,000
Methylene Chloride	ND b	80,000
Carbon Disulfide	ND b	20,000
MTBE	ND b	20,000
trans-1,2-Dichloroethene	ND b	20,000
Vinyl Acetate	ND b	200,000
1,1-Dichloroethane	ND b	20,000
2-Butanone	ND b	40,000
cis-1,2-Dichloroethene	23,000 b	20,000
2,2-Dichloropropane	ND b	20,000
Chloroform	ND b	20,000
Bromochloromethane	ND b	20,000
1,1,1-Trichloroethane	ND b	20,000
1,1-Dichloropropene	ND b	20,000
Carbon Tetrachloride	ND b	20,000
1,2-Dichloroethane	ND b	20,000
Benzene	ND b	20,000
Trichloroethene	ND b	20,000
1,2-Dichloropropane	ND b	20,000
Bromodichloromethane	ND b	20,000
Dibromomethane	ND b	20,000
4-Methyl-2-Pentanone	ND b	40,000
cis-1,3-Dichloropropene	ND b	20,000
Toluene	ND b	20,000
trans-1,3-Dichloropropene	ND b	20,000
1,1,2-Trichloroethane	ND b	20,000
2-Hexanone	ND b	40,000
1,3-Dichloropropane	ND b	20,000
Tetrachloroethene	ND b	20,000
Dibromochloromethane	ND b	20,000
1,2-Dibromoethane	ND b	20,000
Chlorobenzene	ND b	20,000
1,1,1,2-Tetrachloroethane	ND b	20,000
Ethylbenzene	ND b	20,000
m,p-Xylenes	24,000 b	20,000
o-Xylene	ND b	20,000
Styrene	ND b	20,000
Bromoform	ND b	20,000
Isopropylbenzene	ND b	20,000
1,1,2,2-Tetrachloroethane	ND b	20,000
1,2,3-Trichloropropane	ND b	20,000
Propylbenzene	ND b	20,000
Bromobenzene	ND b	20,000

b= See narrative
DO= Diluted Out
ND= Not Detected
RL= Reporting Limit

2.0

Curtis & Tompkins, Ltd.

Purgeable Organics by GC/MS

Lab #:	183624	Location:	Mercury Cleaners
Client:	Ninyo & Moore	Prep:	EPA 5030B
Project#:	STANDARD	Analysis:	EPA 8260B
Field ID:	B5-S-15-1	Diln Fac:	3,333
Lab ID:	183624-001	Batch#:	108482
Matrix:	Soil	Sampled:	11/19/05
Units:	ug/Kg	Received:	11/21/05
Basis:	dry	Analyzed:	12/07/05

Analyte	Result	RL
1,3,5-Trimethylbenzene	39,000 b	20,000
2-Chlorotoluene	ND b	20,000
4-Chlorotoluene	ND b	20,000
tert-Butylbenzene	ND b	20,000
1,2,4-Trimethylbenzene	110,000 b	20,000
sec-Butylbenzene	ND b	20,000
para-Isopropyl Toluene	ND b	20,000
1,3-Dichlorobenzene	ND b	20,000
1,4-Dichlorobenzene	ND b	20,000
n-Butylbenzene	22,000 b	20,000
1,2-Dichlorobenzene	ND b	20,000
1,2-Dibromo-3-Chloropropane	ND b	20,000
1,2,4-Trichlorobenzene	ND b	20,000
Hexachlorobutadiene	ND b	20,000
Naphthalene	31,000 b	20,000
1,2,3-Trichlorobenzene	ND b	20,000

Surrogate	%REC	Limits
Dibromofluoromethane	92 b	80-120
1,2-Dichloroethane-d4	93 b	80-123
Toluene-d8	104 b	80-120
Bromofluorobenzene	124 b	80-124
Trifluorotoluene (MeOH)	DO b	31-132

b= See narrative
DO= Diluted Out
ND= Not Detected
RL= Reporting Limit

2.0

Curtis & Tompkins, Ltd.

Batch QC Report

Purgeable Organics by GC/MS

Lab #:	183624	Location:	Mercury Cleaners
Client:	Ninyo & Moore	Prep:	EPA 5030B
Project#:	STANDARD	Analysis:	EPA 8260B
Type:	BLANK	Basis:	as received
Lab ID:	QC320163	Diln Fac:	1.000
Matrix:	Soil	Batch#:	108482
Units:	ug/Kg	Analyzed:	12/07/05

Analyte	Result	RL
Freon 12	ND	10
Chloromethane	ND	10
Vinyl Chloride	ND	10
Bromomethane	ND	10
Chloroethane	ND	10
Trichlorofluoromethane	ND	5.0
Acetone	ND	20
Freon 113	ND	5.0
1,1-Dichloroethene	ND	5.0
Methylene Chloride	ND	20
Carbon Disulfide	ND	5.0
MTBE	ND	5.0
trans-1,2-Dichloroethene	ND	5.0
Vinyl Acetate	ND	50
1,1-Dichloroethane	ND	5.0
2-Butanone	ND	10
cis-1,2-Dichloroethene	ND	5.0
2,2-Dichloropropane	ND	5.0
Chloroform	ND	5.0
Bromochloromethane	ND	5.0
1,1,1-Trichloroethane	ND	5.0
1,1-Dichloropropene	ND	5.0
Carbon Tetrachloride	ND	5.0
1,2-Dichloroethane	ND	5.0
Benzene	ND	5.0
Trichloroethene	ND	5.0
1,2-Dichloropropane	ND	5.0
Bromodichloromethane	ND	5.0
Dibromomethane	ND	5.0
4-Methyl-2-Pentanone	ND	10
cis-1,3-Dichloropropene	ND	5.0
Toluene	ND	5.0
trans-1,3-Dichloropropene	ND	5.0
1,1,2-Trichloroethane	ND	5.0
2-Hexanone	ND	10
1,3-Dichloropropane	ND	5.0
Tetrachloroethene	ND	5.0

ND= Not Detected
RL= Reporting Limit

3.0

Curtis & Tompkins, Ltd.

Batch QC Report

Purgeable Organics by GC/MS

Lab #:	183624	Location:	Mercury Cleaners
Client:	Ninyo & Moore	Prep:	EPA 5030B
Project#:	STANDARD	Analysis:	EPA 8260B
Type:	BLANK	Basis:	as received
Lab ID:	QC320163	Diln Fac:	1.000
Matrix:	Soil	Batch#:	108482
Units:	ug/Kg	Analyzed:	12/07/05

Analyte	Result	RL
Dibromochloromethane	ND	5.0
1,2-Dibromoethane	ND	5.0
Chlorobenzene	ND	5.0
1,1,1,2-Tetrachloroethane	ND	5.0
Ethylbenzene	ND	5.0
m,p-Xylenes	ND	5.0
o-Xylene	ND	5.0
Styrene	ND	5.0
Bromoform	ND	5.0
Isopropylbenzene	ND	5.0
1,1,2,2-Tetrachloroethane	ND	5.0
1,2,3-Trichloropropane	ND	5.0
Propylbenzene	ND	5.0
Bromobenzene	ND	5.0
1,3,5-Trimethylbenzene	ND	5.0
2-Chlorotoluene	ND	5.0
4-Chlorotoluene	ND	5.0
tert-Butylbenzene	ND	5.0
1,2,4-Trimethylbenzene	ND	5.0
sec-Butylbenzene	ND	5.0
para-Isopropyl Toluene	ND	5.0
1,3-Dichlorobenzene	ND	5.0
1,4-Dichlorobenzene	ND	5.0
n-Butylbenzene	ND	5.0
1,2-Dichlorobenzene	ND	5.0
1,2-Dibromo-3-Chloropropane	ND	5.0
1,2,4-Trichlorobenzene	ND	5.0
Hexachlorobutadiene	ND	5.0
Naphthalene	ND	5.0
1,2,3-Trichlorobenzene	ND	5.0

Surrogate	%REC	Limits
Dibromofluoromethane	99	80-120
1,2-Dichloroethane-d4	99	80-123
Toluene-d8	103	80-120
Bromofluorobenzene	104	80-124

ND= Not Detected
RL= Reporting Limit

3.0

Curtis & Tompkins, Ltd.

Batch QC Report

Purgeable Organics by GC/MS

Lab #:	183624	Location:	Mercury Cleaners
Client:	Ninyo & Moore	Prep:	EPA 5030B
Project#:	STANDARD	Analysis:	EPA 8260B
Type:	LCS	Basis:	as received
Lab ID:	QC320161	Diln Fac:	1.000
Matrix:	Soil	Batch#:	108482
Units:	ug/Kg	Analyzed:	12/07/05

Analyte	Spiked	Result	%REC	Limits
1,1-Dichloroethene	50.00	57.58	115	78-127
Benzene	50.00	51.44	103	80-120
Trichloroethene	50.00	50.31	101	80-120
Toluene	50.00	55.95	112	80-120
Chlorobenzene	50.00	52.12	104	80-120

Surrogate	%REC	Limits
Dibromofluoromethane	98	80-120
1,2-Dichloroethane-d4	92	80-123
Toluene-d8	105	80-120
Bromofluorobenzene	104	80-124

4.0

Curtis & Tompkins, Ltd.

Batch QC Report

Purgeable Organics by GC/MS

Lab #:	183624	Location:	Mercury Cleaners
Client:	Ninyo & Moore	Prep:	EPA 5030B
Project#:	STANDARD	Analysis:	EPA 8260B
Field ID:	ZZZZZZZZZZ	Diln Fac:	2.000
MSS Lab ID:	183549-002	Batch#:	108482
Matrix:	Soil	Sampled:	12/01/05
Units:	ug/Kg	Received:	12/01/05
Basis:	as received	Analyzed:	12/07/05

Type: MS Lab ID: QC320217

Analyte	MSS Result	Spiked	Result	%REC	Limits
1,1-Dichloroethene	<4.367	100.0	112.1	112	66-125
Benzene	<4.199	100.0	101.2	101	67-120
Trichloroethene	<4.033	100.0	103.4	103	63-124
Toluene	<4.679	100.0	108.6	109	63-120
Chlorobenzene	<4.094	100.0	94.30	94	59-120

Surrogate	%REC	Limits
Dibromofluoromethane	97	80-120
1,2-Dichloroethane-d4	96	80-123
Toluene-d8	106	80-120
Bromofluorobenzene	106	80-124

Type: MSD Lab ID: QC320218

Analyte	Spiked	Result	%REC	Limits	RPD	Lim
1,1-Dichloroethene	100.0	110.3	110	66-125	2	20
Benzene	100.0	98.67	99	67-120	3	20
Trichloroethene	100.0	98.22	98	63-124	5	20
Toluene	100.0	102.3	102	63-120	6	20
Chlorobenzene	100.0	89.51	90	59-120	5	20

Surrogate	%REC	Limits
Dibromofluoromethane	103	80-120
1,2-Dichloroethane-d4	95	80-123
Toluene-d8	106	80-120
Bromofluorobenzene	106	80-124

RPD= Relative Percent Difference

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- Laboratory Narrative;
- Results; and
- Chain of Custody (copy).

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AIR TOXICS LTD.

AN ENVIRONMENTAL ANALYTICAL LABORATORY

WORK ORDER #: 0511462

Work Order Summary

CLIENT:	Mr. Kris Larson Ninyo & Moore 1956 Webster St. Suite 400 Oakland, CA 94612	**BILL TO:**	Mr. Kris Larson Ninyo & Moore 1956 Webster St. Suite 400 Oakland, CA 94612
PHONE:	510-633-5640	**P.O. #**	
FAX:	510-633-5646	**PROJECT #**	401071001 Mercury Cleaners
DATE RECEIVED:	11/22/2005	**CONTACT:**	Kyle Vagadori
DATE COMPLETED:	12/07/2005		

FRACTION #	NAME	TEST	RECEIPT VAC./PRES.
01A	B2-SG-5-1	Modified TO-15	2.5 "Hg
01AA	B2-SG-5-1 Duplicate	Modified TO-15	2.5 "Hg
02A	B5-SG-5-1	Modified TO-15	0.2 psi
03A	B12-SG-5-1	Modified TO-15	2.0 "Hg
04A	B25-SG-5-1	Modified TO-15	2.0 "Hg
05A	Lab Blank	Modified TO-15	NA
06A	CCV	Modified TO-15	NA
07A	LCS	Modified TO-15	NA

CERTIFIED BY: Linda J. Freeman DATE: 12/07/05

Laboratory Director

Certfication numbers: AR DEQ - 03-084-0, CA NELAP - 02110CA, LA NELAP/LELAP- AI 30763, NJ NELAP - CA004
NY NELAP - 11291, UT NELAP - 9166389892
Name of Accrediting Agency: NELAP/Florida Department of Health, Scope of Application: Clean Air Act,
Accreditation number: E87680, Effective date: 07/01/05, Expiration date: 06/30/06
Air Toxics Ltd. certifies that the test results contained in this report meet all requirements of the NELAC standards

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LABORATORY NARRATIVE
Modified TO-15
Ninyo & Moore
Workorder# 0511462

Four 6 Liter Summa Canister samples were received on November 22, 2005. The laboratory performed analysis via modified EPA Method TO-15 using GC/MS in the full scan mode. The method involves concentrating up to 0.2 liters of air. The concentrated aliquot is then flash vaporized and swept through a water management system to remove water vapor. Following dehumidification, the sample passes directly into the GC/MS for analysis.

Method modifications taken to run these samples are summarized in the below table. Specific project requirements may over-ride the ATL modifications.

Requirement	*TO-15*	*ATL Modifications*
Daily CCV	+- 30% Difference	</= 30% Difference with two allowed out up to </=40%.; flag and narrate outliers
Sample collection media	Summa canister	ATL recommends use of summa canisters to insure data defensibility, but will report results from Tedlar bags at client request
Method Detection Limit	Follow 40CFR Pt.136 App. B	The MDL met all relevant requirements in Method TO-15 (statistical MDL less than the LOQ). The concentration of the spiked replicate may have exceeded 10X the calculated MDL in some cases

Receiving Notes

There were no receiving discrepancies.

Analytical Notes

The reported LCS for each daily batch has been derived from more than one analytical file.

Definition of Data Qualifying Flags

Eight qualifiers may have been used on the data analysis sheets and indicates as follows:

B - Compound present in laboratory blank greater than reporting limit (background subtraction no performed).

J - Estimated value.

E - Exceeds instrument calibration range.

S - Saturated peak.

Q - Exceeds quality control limits.

U - Compound analyzed for but not detected above the reporting limit.

UJ- Non-detected compound associated with low bias in the CCV

N - The identification is based on presumptive evidence.

File extensions may have been used on the data analysis sheets and indicates as follows:

a-File was requantified

b-File was quantified by a second column and detector
r1-File was requantified for the purpose of reissue

AIR TOXICS LTD.

Summary of Detected Compounds
MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

Client Sample ID: B2-SG-5-1

Lab ID#: 0511462-01A

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
1,3-Butadiene	0.73	6.6	1.6	14
Ethanol	2.9	6.9	5.5	13
Acetone	2.9	71	6.9	170
Carbon Disulfide	0.73	1.2	2.3	3.7
Hexane	0.73	3.4	2.6	12
2-Butanone (Methyl Ethyl Ketone)	0.73	9.0	2.2	26
Tetrahydrofuran	0.73	1.9	2.2	5.5
Cyclohexane	0.73	2.0	2.5	6.7
2,2,4-Trimethylpentane	0.73	45	3.4	210
Benzene	0.73	8.0	2.3	26
Heptane	0.73	2.3	3.0	9.5
Toluene	0.73	19	2.8	71
Tetrachloroethene	0.73	4.0	5.0	28
Ethyl Benzene	0.73	2.7	3.2	12
m,p-Xylene	0.73	5.5	3.2	24
o-Xylene	0.73	2.5	3.2	11
Styrene	0.73	16	3.1	70
Cumene	0.73	0.76	3.6	3.8
Propylbenzene	0.73	0.72 J	3.6	3.6
4-Ethyltoluene	0.73	1.6	3.6	7.9
1,2,4-Trimethylbenzene	0.73	2.0	3.6	9.6

Client Sample ID: B2-SG-5-1 Duplicate

Lab ID#: 0511462-01AA

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
1,3-Butadiene	0.73	6.5	1.6	14
Ethanol	2.9	6.6	5.5	12
Acetone	2.9	74	6.9	180
Carbon Disulfide	0.73	1.2	2.3	3.8
Hexane	0.73	3.7	2.6	13
2-Butanone (Methyl Ethyl Ketone)	0.73	9.8	2.2	29
Tetrahydrofuran	0.73	2.0	2.2	5.8
Cyclohexane	0.73	2.0	2.5	6.9
2,2,4-Trimethylpentane	0.73	45	3.4	210
Benzene	0.73	7.9	2.3	25
Heptane	0.73	2.0	3.0	8.3
Toluene	0.73	19	2.8	71
Tetrachloroethene	0.73	3.9	5.0	26
Ethyl Benzene	0.73	2.5	3.2	11

Client Sample ID: B2-SG-5-1 Duplicate

Lab ID#: 0511462-01AA

m,p-Xylene	0.73	5.3	3.2	23
o-Xylene	0.73	2.7	3.2	12
Styrene	0.73	16	3.1	69
Cumene	0.73	0.78	3.6	3.8
Propylbenzene	0.73	0.72 J	3.6	3.6
4-Ethyltoluene	0.73	1.6	3.6	7.7
1,2,4-Trimethylbenzene	0.73	1.9	3.6	9.5

Client Sample ID: B5-SG-5-1

Lab ID#: 0511462-02A

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Ethanol	2.6	7.8	5.0	15
Acetone	2.6	4.9	6.3	12
cis-1,2-Dichloroethene	0.66	1.8	2.6	7.0
Tetrahydrofuran	0.66	0.94	1.9	2.8
Trichloroethene	0.66	1.6	3.5	8.4
Toluene	0.66	1.0	2.5	3.8
Tetrachloroethene	0.66	110	4.5	780
m,p-Xylene	0.66	0.72	2.9	3.1

Client Sample ID: B12-SG-5-1

Lab ID#: 0511462-03A

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Ethanol	2.9	4.3	5.4	8.1
Acetone	2.9	42	6.8	100
Carbon Disulfide	0.72	1.3	2.2	4.1
Hexane	0.72	0.96	2.5	3.4
2-Butanone (Methyl Ethyl Ketone)	0.72	3.3	2.1	9.7
Tetrahydrofuran	0.72	1.4	2.1	4.0
2,2,4-Trimethylpentane	0.72	24	3.4	110
Benzene	0.72	1.7	2.3	5.5
Heptane	0.72	1.3	3.0	5.4
Toluene	0.72	8.6	2.7	32
Tetrachloroethene	0.72	3.0	4.9	20
Ethyl Benzene	0.72	1.8	3.1	7.9
m,p-Xylene	0.72	4.4	3.1	19
o-Xylene	0.72	2.3	3.1	10
Styrene	0.72	14	3.1	61
4-Ethyltoluene	0.72	1.5	3.5	7.4
1,2,4-Trimethylbenzene	0.72	2.1	3.5	10

Client Sample ID: B25-SG-5-1

Lab ID#: 0511462-04A

Client Sample ID: B25-SG-5-1

Lab ID#: 0511462-04A

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Ethanol	2.9	7.6	5.4	14
Acetone	2.9	6.2	6.8	15
Benzene	0.72	0.82	2.3	2.6
Toluene	0.72	1.9	2.7	7.0
m,p-Xylene	0.72	1.0	3.1	4.6

AIR TOXICS LTD.

Client Sample ID: B2-SG-5-1

Lab ID#: 0511462-01A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	s120113	Date of Collection:	11/19/05
Dil Factor:	1.46	Date of Analysis:	12/2/05 01:52 AM

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Freon 12	0.73	Not Detected	3.6	Not Detected
Freon 114	0.73	Not Detected	5.1	Not Detected
Chloromethane	2.9	Not Detected	6.0	Not Detected
Vinyl Chloride	0.73	Not Detected	1.9	Not Detected
1,3-Butadiene	0.73	6.6	1.6	14
Bromomethane	0.73	Not Detected	2.8	Not Detected
Chloroethane	0.73	Not Detected	1.9	Not Detected
Freon 11	0.73	Not Detected	4.1	Not Detected
Ethanol	2.9	6.9	5.5	13
Freon 113	0.73	Not Detected	5.6	Not Detected
1,1-Dichloroethene	0.73	Not Detected	2.9	Not Detected
Acetone	2.9	71	6.9	170
2-Propanol	2.9	Not Detected	7.2	Not Detected
Carbon Disulfide	0.73	1.2	2.3	3.7
3-Chloropropene	2.9	Not Detected	9.1	Not Detected
Methylene Chloride	0.73	Not Detected	2.5	Not Detected
Methyl tert-butyl ether	0.73	Not Detected	2.6	Not Detected
trans-1,2-Dichloroethene	0.73	Not Detected	2.9	Not Detected
Hexane	0.73	3.4	2.6	12
1,1-Dichloroethane	0.73	Not Detected	3.0	Not Detected
2-Butanone (Methyl Ethyl Ketone)	0.73	9.0	2.2	26
cis-1,2-Dichloroethene	0.73	Not Detected	2.9	Not Detected
Tetrahydrofuran	0.73	1.9	2.2	5.5
Chloroform	0.73	Not Detected	3.6	Not Detected
1,1,1-Trichloroethane	0.73	Not Detected	4.0	Not Detected
Cyclohexane	0.73	2.0	2.5	6.7
Carbon Tetrachloride	0.73	Not Detected	4.6	Not Detected
2,2,4-Trimethylpentane	0.73	45	3.4	210
Benzene	0.73	8.0	2.3	26
1,2-Dichloroethane	0.73	Not Detected	3.0	Not Detected
Heptane	0.73	2.3	3.0	9.5
Trichloroethene	0.73	Not Detected	3.9	Not Detected
1,2-Dichloropropane	0.73	Not Detected	3.4	Not Detected
1,4-Dioxane	2.9	Not Detected	10	Not Detected
Bromodichloromethane	0.73	Not Detected	4.9	Not Detected
cis-1,3-Dichloropropene	0.73	Not Detected	3.3	Not Detected
4-Methyl-2-pentanone	0.73	Not Detected	3.0	Not Detected
Toluene	0.73	19	2.8	71
trans-1,3-Dichloropropene	0.73	Not Detected	3.3	Not Detected
1,1,2-Trichloroethane	0.73	Not Detected	4.0	Not Detected
Tetrachloroethene	0.73	4.0	5.0	28
2-Hexanone	2.9	Not Detected	12	Not Detected

AIR TOXICS LTD.

Client Sample ID: B2-SG-5-1

Lab ID#: 0511462-01A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name: s120118 | Date of Collection: 11/19/05
Dil Factor: 1.46 | Date of Analysis: 12/2/05 01:52 AM

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Dibromochloromethane	0.73	Not Detected	6.2	Not Detected
1,2-Dibromoethane (EDB)	0.73	Not Detected	5.6	Not Detected
Chlorobenzene	0.73	Not Detected	3.4	Not Detected
Ethyl Benzene	0.73	2.7	3.2	12
m,p-Xylene	0.73	5.5	3.2	24
o-Xylene	0.73	2.5	3.2	11
Styrene	0.73	16	3.1	70
Bromoform	0.73	Not Detected	7.5	Not Detected
Cumene	0.73	0.76	3.6	3.8
1,1,2,2-Tetrachloroethane	0.73	Not Detected	5.0	Not Detected
Propylbenzene	0.73	0.72 J	3.6	3.6
4-Ethyltoluene	0.73	1.6	3.6	7.9
1,3,5-Trimethylbenzene	0.73	Not Detected	3.6	Not Detected
1,2,4-Trimethylbenzene	0.73	2.0	3.6	9.6
1,3-Dichlorobenzene	0.73	Not Detected	4.4	Not Detected
1,4-Dichlorobenzene	0.73	Not Detected	4.4	Not Detected
alpha-Chlorotoluene	0.73	Not Detected	3.8	Not Detected
1,2-Dichlorobenzene	0.73	Not Detected	4.4	Not Detected
1,2,4-Trichlorobenzene	2.9	Not Detected	22	Not Detected
Hexachlorobutadiene	2.9	Not Detected	31	Not Detected

J = Estimated value.

Container Type: 6 Liter Summa Canister

Surrogates	%Recovery	Method Limits
Toluene-d8	100	70-130
1,2-Dichloroethane-d4	98	70-130
4-Bromofluorobenzene	98	70-130

AIR TOXICS LTD.

Client Sample ID: B2-SG-5-1 Duplicate

Lab ID#: 0511462-01AA

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	6120119	Date of Collection:	11/19/05
DF: Factor:	146	Date of Analysis:	12/2/05 02:36 AM

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Freon 12	0.73	Not Detected	3.6	Not Detected
Freon 114	0.73	Not Detected	5.1	Not Detected
Chloromethane	2.9	Not Detected	6.0	Not Detected
Vinyl Chloride	0.73	Not Detected	1.9	Not Detected
1,3-Butadiene	0.73	6.5	1.6	14
Bromomethane	0.73	Not Detected	2.8	Not Detected
Chloroethane	0.73	Not Detected	1.9	Not Detected
Freon 11	0.73	Not Detected	4.1	Not Detected
Ethanol	2.9	6.6	5.5	12
Freon 113	0.73	Not Detected	5.6	Not Detected
1,1-Dichloroethene	0.73	Not Detected	2.9	Not Detected
Acetone	2.9	74	6.9	180
2-Propanol	2.9	Not Detected	7.2	Not Detected
Carbon Disulfide	0.73	1.2	2.3	3.8
3-Chloropropene	2.9	Not Detected	9.1	Not Detected
Methylene Chloride	0.73	Not Detected	2.5	Not Detected
Methyl tert-butyl ether	0.73	Not Detected	2.6	Not Detected
trans-1,2-Dichloroethene	0.73	Not Detected	2.9	Not Detected
Hexane	0.73	3.7	2.6	13
1,1-Dichloroethane	0.73	Not Detected	3.0	Not Detected
2-Butanone (Methyl Ethyl Ketone)	0.73	9.8	2.2	29
cis-1,2-Dichloroethene	0.73	Not Detected	2.9	Not Detected
Tetrahydrofuran	0.73	2.0	2.2	5.8
Chloroform	0.73	Not Detected	3.6	Not Detected
1,1,1-Trichloroethane	0.73	Not Detected	4.0	Not Detected
Cyclohexane	0.73	2.0	2.5	6.9
Carbon Tetrachloride	0.73	Not Detected	4.6	Not Detected
2,2,4-Trimethylpentane	0.73	45	3.4	210
Benzene	0.73	7.9	2.3	25
1,2-Dichloroethane	0.73	Not Detected	3.0	Not Detected
Heptane	0.73	2.0	3.0	8.3
Trichloroethene	0.73	Not Detected	3.9	Not Detected
1,2-Dichloropropane	0.73	Not Detected	3.4	Not Detected
1,4-Dioxane	2.9	Not Detected	10	Not Detected
Bromodichloromethane	0.73	Not Detected	4.9	Not Detected
cis-1,3-Dichloropropene	0.73	Not Detected	3.3	Not Detected
4-Methyl-2-pentanone	0.73	Not Detected	3.0	Not Detected
Toluene	0.73	19	2.8	71
trans-1,3-Dichloropropene	0.73	Not Detected	3.3	Not Detected
1,1,2-Trichloroethane	0.73	Not Detected	4.0	Not Detected
Tetrachloroethene	0.73	3.9	5.0	26
2-Hexanone	2.9	Not Detected	12	Not Detected

AIR TOXICS LTD.

Client Sample ID: B2-SG-5-1 Duplicate

Lab ID#: 0511462-01AA

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name: S120119 | Date of Collection: 11/19/05
Dil. Factor: 1.46 | Date of Analysis: 12/20/05 02:35 AM

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Dibromochloromethane	0.73	Not Detected	6.2	Not Detected
1,2-Dibromoethane (EDB)	0.73	Not Detected	5.6	Not Detected
Chlorobenzene	0.73	Not Detected	3.4	Not Detected
Ethyl Benzene	0.73	2.5	3.2	11
m,p-Xylene	0.73	5.3	3.2	23
o-Xylene	0.73	2.7	3.2	12
Styrene	0.73	16	3.1	69
Bromoform	0.73	Not Detected	7.5	Not Detected
Cumene	0.73	0.78	3.6	3.8
1,1,2,2-Tetrachloroethane	0.73	Not Detected	5.0	Not Detected
Propylbenzene	0.73	0.72 J	3.6	3.6
4-Ethyltoluene	0.73	1.6	3.6	7.7
1,3,5-Trimethylbenzene	0.73	Not Detected	3.6	Not Detected
1,2,4-Trimethylbenzene	0.73	1.9	3.6	9.5
1,3-Dichlorobenzene	0.73	Not Detected	4.4	Not Detected
1,4-Dichlorobenzene	0.73	Not Detected	4.4	Not Detected
alpha-Chlorotoluene	0.73	Not Detected	3.8	Not Detected
1,2-Dichlorobenzene	0.73	Not Detected	4.4	Not Detected
1,2,4-Trichlorobenzene	2.9	Not Detected	22	Not Detected
Hexachlorobutadiene	2.9	Not Detected	31	Not Detected

J = Estimated value.

Container Type: 6 Liter Summa Canister

Surrogates	%Recovery	Method Limits
Toluene-d8	100	70-130
1,2-Dichloroethane-d4	102	70-130
4-Bromofluorobenzene	97	70-130

AIR TOXICS LTD.

Client Sample ID: B5-SG-5-1

Lab ID#: 0511462-02A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name: 51201120 | Date of Collection: 11/19/05
Dil. Factor: 1.32 | Date of Analysis: 12/2/05 03:17 AM

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Freon 12	0.66	Not Detected	3.3	Not Detected
Freon 114	0.66	Not Detected	4.6	Not Detected
Chloromethane	2.6	Not Detected	5.4	Not Detected
Vinyl Chloride	0.66	Not Detected	1.7	Not Detected
1,3-Butadiene	0.66	Not Detected	1.5	Not Detected
Bromomethane	0.66	Not Detected	2.6	Not Detected
Chloroethane	0.66	Not Detected	1.7	Not Detected
Freon 11	0.66	Not Detected	3.7	Not Detected
Ethanol	2.6	7.8	5.0	15
Freon 113	0.66	Not Detected	5.0	Not Detected
1,1-Dichloroethene	0.66	Not Detected	2.6	Not Detected
Acetone	2.6	4.9	6.3	12
2-Propanol	2.6	Not Detected	6.5	Not Detected
Carbon Disulfide	0.66	Not Detected	2.0	Not Detected
3-Chloropropene	2.6	Not Detected	8.3	Not Detected
Methylene Chloride	0.66	Not Detected	2.3	Not Detected
Methyl tert-butyl ether	0.66	Not Detected	2.4	Not Detected
trans-1,2-Dichloroethene	0.66	Not Detected	2.6	Not Detected
Hexane	0.66	Not Detected	2.3	Not Detected
1,1-Dichloroethane	0.66	Not Detected	2.7	Not Detected
2-Butanone (Methyl Ethyl Ketone)	0.66	Not Detected	1.9	Not Detected
cis-1,2-Dichloroethene	0.66	1.8	2.6	7.0
Tetrahydrofuran	0.66	0.94	1.9	2.8
Chloroform	0.66	Not Detected	3.2	Not Detected
1,1,1-Trichloroethane	0.66	Not Detected	3.6	Not Detected
Cyclohexane	0.66	Not Detected	2.3	Not Detected
Carbon Tetrachloride	0.66	Not Detected	4.2	Not Detected
2,2,4-Trimethylpentane	0.66	Not Detected	3.1	Not Detected
Benzene	0.66	Not Detected	2.1	Not Detected
1,2-Dichloroethane	0.66	Not Detected	2.7	Not Detected
Heptane	0.66	Not Detected	2.7	Not Detected
Trichloroethene	0.66	1.6	3.5	8.4
1,2-Dichloropropane	0.66	Not Detected	3.0	Not Detected
1,4-Dioxane	2.6	Not Detected	9.5	Not Detected
Bromodichloromethane	0.66	Not Detected	4.4	Not Detected
cis-1,3-Dichloropropene	0.66	Not Detected	3.0	Not Detected
4-Methyl-2-pentanone	0.66	Not Detected	2.7	Not Detected
Toluene	0.66	1.0	2.5	3.8
trans-1,3-Dichloropropene	0.66	Not Detected	3.0	Not Detected
1,1,2-Trichloroethane	0.66	Not Detected	3.6	Not Detected
Tetrachloroethene	0.66	110	4.5	780
2-Hexanone	2.6	Not Detected	11	Not Detected

AIR TOXICS LTD.

Client Sample ID: B5-SG-5-1

Lab ID#: 0511462-02A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name: 51201120 | Date of Collection: 11/19/05
Dil Factor: 1.32 | Date of Analysis: 12/2/05 04:17 AM

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Dibromochloromethane	0.66	Not Detected	5.6	Not Detected
1,2-Dibromoethane (EDB)	0.66	Not Detected	5.1	Not Detected
Chlorobenzene	0.66	Not Detected	3.0	Not Detected
Ethyl Benzene	0.66	Not Detected	2.9	Not Detected
m,p-Xylene	0.66	0.72	2.9	3.1
o-Xylene	0.66	Not Detected	2.9	Not Detected
Styrene	0.66	Not Detected	2.8	Not Detected
Bromoform	0.66	Not Detected	6.8	Not Detected
Cumene	0.66	Not Detected	3.2	Not Detected
1,1,2,2-Tetrachloroethane	0.66	Not Detected	4.5	Not Detected
Propylbenzene	0.66	Not Detected	3.2	Not Detected
4-Ethyltoluene	0.66	Not Detected	3.2	Not Detected
1,3,5-Trimethylbenzene	0.66	Not Detected	3.2	Not Detected
1,2,4-Trimethylbenzene	0.66	Not Detected	3.2	Not Detected
1,3-Dichlorobenzene	0.66	Not Detected	4.0	Not Detected
1,4-Dichlorobenzene	0.66	Not Detected	4.0	Not Detected
alpha-Chlorotoluene	0.66	Not Detected	3.4	Not Detected
1,2-Dichlorobenzene	0.66	Not Detected	4.0	Not Detected
1,2,4-Trichlorobenzene	2.6	Not Detected	20	Not Detected
Hexachlorobutadiene	2.6	Not Detected	28	Not Detected

Container Type: 6 Liter Summa Canister

Surrogates	%Recovery	Method Limits
Toluene-d8	101	70-130
1,2-Dichloroethane-d4	98	70-130
4-Bromofluorobenzene	97	70-130

AIR TOXICS LTD.

Client Sample ID: B12-SG-5-1

Lab ID#: 0511462-03A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name: [illegible] Date of Collection: [illegible]
Dil. Factor: [illegible] Date of Analysis: 12/20/05 02:50PM

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Freon 12	0.72	Not Detected	3.6	Not Detected
Freon 114	0.72	Not Detected	5.0	Not Detected
Chloromethane	2.9	Not Detected	5.9	Not Detected
Vinyl Chloride	0.72	Not Detected	1.8	Not Detected
1,3-Butadiene	0.72	Not Detected	1.6	Not Detected
Bromomethane	0.72	Not Detected	2.8	Not Detected
Chloroethane	0.72	Not Detected	1.9	Not Detected
Freon 11	0.72	Not Detected	4.0	Not Detected
Ethanol	2.9	4.3	5.4	8.1
Freon 113	0.72	Not Detected	5.5	Not Detected
1,1-Dichloroethene	0.72	Not Detected	2.8	Not Detected
Acetone	2.9	42	6.8	100
2-Propanol	2.9	Not Detected	7.1	Not Detected
Carbon Disulfide	0.72	1.3	2.2	4.1
3-Chloropropene	2.9	Not Detected	9.0	Not Detected
Methylene Chloride	0.72	Not Detected	2.5	Not Detected
Methyl tert-butyl ether	0.72	Not Detected	2.6	Not Detected
trans-1,2-Dichloroethene	0.72	Not Detected	2.8	Not Detected
Hexane	0.72	0.96	2.5	3.4
1,1-Dichloroethane	0.72	Not Detected	2.9	Not Detected
2-Butanone (Methyl Ethyl Ketone)	0.72	3.3	2.1	9.7
cis-1,2-Dichloroethene	0.72	Not Detected	2.8	Not Detected
Tetrahydrofuran	0.72	1.4	2.1	4.0
Chloroform	0.72	Not Detected	3.5	Not Detected
1,1,1-Trichloroethane	0.72	Not Detected	3.9	Not Detected
Cyclohexane	0.72	Not Detected	2.5	Not Detected
Carbon Tetrachloride	0.72	Not Detected	4.5	Not Detected
2,2,4-Trimethylpentane	0.72	24	3.4	110
Benzene	0.72	1.7	2.3	5.5
1,2-Dichloroethane	0.72	Not Detected	2.9	Not Detected
Heptane	0.72	1.3	3.0	5.4
Trichloroethene	0.72	Not Detected	3.9	Not Detected
1,2-Dichloropropane	0.72	Not Detected	3.3	Not Detected
1,4-Dioxane	2.9	Not Detected	10	Not Detected
Bromodichloromethane	0.72	Not Detected	4.8	Not Detected
cis-1,3-Dichloropropene	0.72	Not Detected	3.3	Not Detected
4-Methyl-2-pentanone	0.72	Not Detected	2.9	Not Detected
Toluene	0.72	8.6	2.7	32
trans-1,3-Dichloropropene	0.72	Not Detected	3.3	Not Detected
1,1,2-Trichloroethane	0.72	Not Detected	3.9	Not Detected
Tetrachloroethene	0.72	3.0	4.9	20
2-Hexanone	2.9	Not Detected	12	Not Detected

AIR TOXICS LTD.

Client Sample ID: B12-SG-5-1

Lab ID#: 0511462-03A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name: s120121	Date of Collection: 11/19/05
DF: 1.44	Date of Analysis: 12/20/05 04:00 AM

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Dibromochloromethane	0.72	Not Detected	6.1	Not Detected
1,2-Dibromoethane (EDB)	0.72	Not Detected	5.5	Not Detected
Chlorobenzene	0.72	Not Detected	3.3	Not Detected
Ethyl Benzene	0.72	1.8	3.1	7.9
m,p-Xylene	0.72	4.4	3.1	19
o-Xylene	0.72	2.3	3.1	10
Styrene	0.72	14	3.1	61
Bromoform	0.72	Not Detected	7.4	Not Detected
Cumene	0.72	Not Detected	3.5	Not Detected
1,1,2,2-Tetrachloroethane	0.72	Not Detected	4.9	Not Detected
Propylbenzene	0.72	Not Detected	3.5	Not Detected
4-Ethyltoluene	0.72	1.5	3.5	7.4
1,3,5-Trimethylbenzene	0.72	Not Detected	3.5	Not Detected
1,2,4-Trimethylbenzene	0.72	2.1	3.5	10
1,3-Dichlorobenzene	0.72	Not Detected	4.3	Not Detected
1,4-Dichlorobenzene	0.72	Not Detected	4.3	Not Detected
alpha-Chlorotoluene	0.72	Not Detected	3.7	Not Detected
1,2-Dichlorobenzene	0.72	Not Detected	4.3	Not Detected
1,2,4-Trichlorobenzene	2.9	Not Detected	21	Not Detected
Hexachlorobutadiene	2.9	Not Detected	31	Not Detected

Container Type: 6 Liter Summa Canister

Surrogates	%Recovery	Method Limits
Toluene-d8	98	70-130
1,2-Dichloroethane-d4	99	70-130
4-Bromofluorobenzene	100	70-130

AIR TOXICS LTD.

Client Sample ID: B25-SG-5-1

Lab ID#: 0511462-04A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	S120122	Date of Collection: 11/19/05
Dil. Fac.:	1.44	Date of Analysis: 12/01/05 04:42 AM

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Freon 12	0.72	Not Detected	3.6	Not Detected
Freon 114	0.72	Not Detected	5.0	Not Detected
Chloromethane	2.9	Not Detected	5.9	Not Detected
Vinyl Chloride	0.72	Not Detected	1.8	Not Detected
1,3-Butadiene	0.72	Not Detected	1.6	Not Detected
Bromomethane	0.72	Not Detected	2.8	Not Detected
Chloroethane	0.72	Not Detected	1.9	Not Detected
Freon 11	0.72	Not Detected	4.0	Not Detected
Ethanol	2.9	7.6	5.4	14
Freon 113	0.72	Not Detected	5.5	Not Detected
1,1-Dichloroethene	0.72	Not Detected	2.8	Not Detected
Acetone	2.9	6.2	6.8	15
2-Propanol	2.9	Not Detected	7.1	Not Detected
Carbon Disulfide	0.72	Not Detected	2.2	Not Detected
3-Chloropropene	2.9	Not Detected	9.0	Not Detected
Methylene Chloride	0.72	Not Detected	2.5	Not Detected
Methyl tert-butyl ether	0.72	Not Detected	2.6	Not Detected
trans-1,2-Dichloroethene	0.72	Not Detected	2.8	Not Detected
Hexane	0.72	Not Detected	2.5	Not Detected
1,1-Dichloroethane	0.72	Not Detected	2.9	Not Detected
2-Butanone (Methyl Ethyl Ketone)	0.72	Not Detected	2.1	Not Detected
cis-1,2-Dichloroethene	0.72	Not Detected	2.8	Not Detected
Tetrahydrofuran	0.72	Not Detected	2.1	Not Detected
Chloroform	0.72	Not Detected	3.5	Not Detected
1,1,1-Trichloroethane	0.72	Not Detected	3.9	Not Detected
Cyclohexane	0.72	Not Detected	2.5	Not Detected
Carbon Tetrachloride	0.72	Not Detected	4.5	Not Detected
2,2,4-Trimethylpentane	0.72	Not Detected	3.4	Not Detected
Benzene	0.72	0.82	2.3	2.6
1,2-Dichloroethane	0.72	Not Detected	2.9	Not Detected
Heptane	0.72	Not Detected	3.0	Not Detected
Trichloroethene	0.72	Not Detected	3.9	Not Detected
1,2-Dichloropropane	0.72	Not Detected	3.3	Not Detected
1,4-Dioxane	2.9	Not Detected	10	Not Detected
Bromodichloromethane	0.72	Not Detected	4.8	Not Detected
cis-1,3-Dichloropropene	0.72	Not Detected	3.3	Not Detected
4-Methyl-2-pentanone	0.72	Not Detected	2.9	Not Detected
Toluene	0.72	1.9	2.7	7.0
trans-1,3-Dichloropropene	0.72	Not Detected	3.3	Not Detected
1,1,2-Trichloroethane	0.72	Not Detected	3.9	Not Detected
Tetrachloroethene	0.72	Not Detected	4.9	Not Detected
2-Hexanone	2.9	Not Detected	12	Not Detected

AIR TOXICS LTD.

Client Sample ID: B25-SG-5-1

Lab ID#: 0511462-04A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	s12012.2	Date of Collection:	11/19/05
Dil. Factor:	1.44	Date of Analysis:	12/2/05 02:42 AM

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Dibromochloromethane	0.72	Not Detected	6.1	Not Detected
1,2-Dibromoethane (EDB)	0.72	Not Detected	5.5	Not Detected
Chlorobenzene	0.72	Not Detected	3.3	Not Detected
Ethyl Benzene	0.72	Not Detected	3.1	Not Detected
m,p-Xylene	0.72	1.0	3.1	4.6
o-Xylene	0.72	Not Detected	3.1	Not Detected
Styrene	0.72	Not Detected	3.1	Not Detected
Bromoform	0.72	Not Detected	7.4	Not Detected
Cumene	0.72	Not Detected	3.5	Not Detected
1,1,2,2-Tetrachloroethane	0.72	Not Detected	4.9	Not Detected
Propylbenzene	0.72	Not Detected	3.5	Not Detected
4-Ethyltoluene	0.72	Not Detected	3.5	Not Detected
1,3,5-Trimethylbenzene	0.72	Not Detected	3.5	Not Detected
1,2,4-Trimethylbenzene	0.72	Not Detected	3.5	Not Detected
1,3-Dichlorobenzene	0.72	Not Detected	4.3	Not Detected
1,4-Dichlorobenzene	0.72	Not Detected	4.3	Not Detected
alpha-Chlorotoluene	0.72	Not Detected	3.7	Not Detected
1,2-Dichlorobenzene	0.72	Not Detected	4.3	Not Detected
1,2,4-Trichlorobenzene	2.9	Not Detected	21	Not Detected
Hexachlorobutadiene	2.9	Not Detected	31	Not Detected

Container Type: 6 Liter Summa Canister

Surrogates	%Recovery	Method Limits
Toluene-d8	101	70-130
1,2-Dichloroethane-d4	95	70-130
4-Bromofluorobenzene	95	70-130

AIR TOXICS LTD.

Client Sample ID: Lab Blank

Lab ID#: 0511462-05A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name: S120106 | Date of Collection: NA
Dil. Factor: 1.00 | Date of Analysis: 12/06/05 04:40 PM

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Freon 12	0.50	Not Detected	2.5	Not Detected
Freon 114	0.50	Not Detected	3.5	Not Detected
Chloromethane	2.0	Not Detected	4.1	Not Detected
Vinyl Chloride	0.50	Not Detected	1.3	Not Detected
1,3-Butadiene	0.50	Not Detected	1.1	Not Detected
Bromomethane	0.50	Not Detected	1.9	Not Detected
Chloroethane	0.50	Not Detected	1.3	Not Detected
Freon 11	0.50	Not Detected	2.8	Not Detected
Ethanol	2.0	Not Detected	3.8	Not Detected
Freon 113	0.50	Not Detected	3.8	Not Detected
1,1-Dichloroethene	0.50	Not Detected	2.0	Not Detected
Acetone	2.0	Not Detected	4.8	Not Detected
2-Propanol	2.0	Not Detected	4.9	Not Detected
Carbon Disulfide	0.50	Not Detected	1.6	Not Detected
3-Chloropropene	2.0	Not Detected	6.3	Not Detected
Methylene Chloride	0.50	Not Detected	1.7	Not Detected
Methyl tert-butyl ether	0.50	Not Detected	1.8	Not Detected
trans-1,2-Dichloroethene	0.50	Not Detected	2.0	Not Detected
Hexane	0.50	Not Detected	1.8	Not Detected
1,1-Dichloroethane	0.50	Not Detected	2.0	Not Detected
2-Butanone (Methyl Ethyl Ketone)	0.50	Not Detected	1.5	Not Detected
cis-1,2-Dichloroethene	0.50	Not Detected	2.0	Not Detected
Tetrahydrofuran	0.50	Not Detected	1.5	Not Detected
Chloroform	0.50	Not Detected	2.4	Not Detected
1,1,1-Trichloroethane	0.50	Not Detected	2.7	Not Detected
Cyclohexane	0.50	Not Detected	1.7	Not Detected
Carbon Tetrachloride	0.50	Not Detected	3.1	Not Detected
2,2,4-Trimethylpentane	0.50	Not Detected	2.3	Not Detected
Benzene	0.50	Not Detected	1.6	Not Detected
1,2-Dichloroethane	0.50	Not Detected	2.0	Not Detected
Heptane	0.50	Not Detected	2.0	Not Detected
Trichloroethene	0.50	Not Detected	2.7	Not Detected
1,2-Dichloropropane	0.50	Not Detected	2.3	Not Detected
1,4-Dioxane	2.0	Not Detected	7.2	Not Detected
Bromodichloromethane	0.50	Not Detected	3.4	Not Detected
cis-1,3-Dichloropropene	0.50	Not Detected	2.3	Not Detected
4-Methyl-2-pentanone	0.50	Not Detected	2.0	Not Detected
Toluene	0.50	Not Detected	1.9	Not Detected
trans-1,3-Dichloropropene	0.50	Not Detected	2.3	Not Detected
1,1,2-Trichloroethane	0.50	Not Detected	2.7	Not Detected
Tetrachloroethene	0.50	Not Detected	3.4	Not Detected
2-Hexanone	2.0	Not Detected	8.2	Not Detected

AIR TOXICS LTD.

Client Sample ID: Lab Blank

Lab ID#: 0511462-05A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name: 5120406 | Date of Collection: NA
Dil. Factor: 1.00 | Date of Analysis: 5/12/05 02:40 PM

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Dibromochloromethane	0.50	Not Detected	4.2	Not Detected
1,2-Dibromoethane (EDB)	0.50	Not Detected	3.8	Not Detected
Chlorobenzene	0.50	Not Detected	2.3	Not Detected
Ethyl Benzene	0.50	Not Detected	2.2	Not Detected
m,p-Xylene	0.50	Not Detected	2.2	Not Detected
o-Xylene	0.50	Not Detected	2.2	Not Detected
Styrene	0.50	Not Detected	2.1	Not Detected
Bromoform	0.50	Not Detected	5.2	Not Detected
Cumene	0.50	Not Detected	2.4	Not Detected
1,1,2,2-Tetrachloroethane	0.50	Not Detected	3.4	Not Detected
Propylbenzene	0.50	Not Detected	2.4	Not Detected
4-Ethyltoluene	0.50	Not Detected	2.4	Not Detected
1,3,5-Trimethylbenzene	0.50	Not Detected	2.4	Not Detected
1,2,4-Trimethylbenzene	0.50	Not Detected	2.4	Not Detected
1,3-Dichlorobenzene	0.50	Not Detected	3.0	Not Detected
1,4-Dichlorobenzene	0.50	Not Detected	3.0	Not Detected
alpha-Chlorotoluene	0.50	Not Detected	2.6	Not Detected
1,2-Dichlorobenzene	0.50	Not Detected	3.0	Not Detected
1,2,4-Trichlorobenzene	2.0	Not Detected	15	Not Detected
Hexachlorobutadiene	2.0	Not Detected	21	Not Detected

Container Type: NA - Not Applicable

Surrogates	%Recovery	Method Limits
Toluene-d8	100	70-130
1,2-Dichloroethane-d4	96	70-130
4-Bromofluorobenzene	97	70-130

AIR TOXICS LTD.

Client Sample ID: CCV

Lab ID#: 0511462-06A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name: [illegible] Date of Collection: NA

Dil Factor: [illegible] Date of Analysis: [illegible]

Compound	%Recovery
Freon 12	90
Freon 114	88
Chloromethane	94
Vinyl Chloride	91
1,3-Butadiene	90
Bromomethane	91
Chloroethane	95
Freon 11	90
Ethanol	101
Freon 113	89
1,1-Dichloroethene	90
Acetone	96
2-Propanol	96
Carbon Disulfide	91
3-Chloropropene	96
Methylene Chloride	88
Methyl tert-butyl ether	88
trans-1,2-Dichloroethene	87
Hexane	92
1,1-Dichloroethane	87
2-Butanone (Methyl Ethyl Ketone)	97
cis-1,2-Dichloroethene	88
Tetrahydrofuran	86
Chloroform	84
1,1,1-Trichloroethane	87
Cyclohexane	90
Carbon Tetrachloride	89
2,2,4-Trimethylpentane	90
Benzene	87
1,2-Dichloroethane	86
Heptane	94
Trichloroethene	88
1,2-Dichloropropane	87
1,4-Dioxane	90
Bromodichloromethane	91
cis-1,3-Dichloropropene	91
4-Methyl-2-pentanone	97
Toluene	88
trans-1,3-Dichloropropene	89
1,1,2-Trichloroethane	86
Tetrachloroethene	86
2-Hexanone	96

AIR TOXICS LTD.

Client Sample ID: CCV

Lab ID#: 0511462-06A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name: 5120-02 | Date of Collection: NA
DF Factor: 1.00 | Date of Analysis: 12/1/05 11:20 AM

Compound	%Recovery
Dibromochloromethane	91
1,2-Dibromoethane (EDB)	89
Chlorobenzene	87
Ethyl Benzene	87
m,p-Xylene	85
o-Xylene	89
Styrene	92
Bromoform	94
Cumene	90
1,1,2,2-Tetrachloroethane	88
Propylbenzene	91
4-Ethyltoluene	91
1,3,5-Trimethylbenzene	92
1,2,4-Trimethylbenzene	94
1,3-Dichlorobenzene	91
1,4-Dichlorobenzene	90
alpha-Chlorotoluene	94
1,2-Dichlorobenzene	89
1,2,4-Trichlorobenzene	110
Hexachlorobutadiene	86

Container Type: NA - Not Applicable

Surrogates	%Recovery	Method Limits
Toluene-d8	102	70-130
1,2-Dichloroethane-d4	97	70-130
4-Bromofluorobenzene	102	70-130

AIR TOXICS LTD.

Client Sample ID: LCS

Lab ID#: 0511462-07A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	s120103	Date of Collection: NA
Dil. Factor:	1.00	Date of Analysis: 12/4/05 11:38 AM

Compound	%Recovery
Freon 12	77
Freon 114	79
Chloromethane	89
Vinyl Chloride	77
1,3-Butadiene	88
Bromomethane	81
Chloroethane	82
Freon 11	79
Ethanol	83
Freon 113	82
1,1-Dichloroethene	80
Acetone	101
2-Propanol	86
Carbon Disulfide	93
3-Chloropropene	88
Methylene Chloride	80
Methyl tert-butyl ether	86
trans-1,2-Dichloroethene	87
Hexane	90
1,1-Dichloroethane	80
2-Butanone (Methyl Ethyl Ketone)	97
cis-1,2-Dichloroethene	107
Tetrahydrofuran	84
Chloroform	77
1,1,1-Trichloroethane	76
Cyclohexane	88
Carbon Tetrachloride	79
2,2,4-Trimethylpentane	97
Benzene	80
1,2-Dichloroethane	80
Heptane	92
Trichloroethene	82
1,2-Dichloropropane	82
1,4-Dioxane	93
Bromodichloromethane	90
cis-1,3-Dichloropropene	93
4-Methyl-2-pentanone	97
Toluene	87
trans-1,3-Dichloropropene	85
1,1,2-Trichloroethane	81
Tetrachloroethene	82
2-Hexanone	88

AIR TOXICS LTD.

Client Sample ID: LCS

Lab ID#: 0511462-07A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	51120103	Date of Collection:	NA
Dil. Factor:	1.00	Date of Analysis:	12/10/05 11:58 AM

Compound	%Recovery
Dibromochloromethane	86
1,2-Dibromoethane (EDB)	93
Chlorobenzene	82
Ethyl Benzene	86
m,p-Xylene	87
o-Xylene	86
Styrene	96
Bromoform	85
Cumene	76
1,1,2,2-Tetrachloroethane	81
Propylbenzene	86
4-Ethyltoluene	82
1,3,5-Trimethylbenzene	85
1,2,4-Trimethylbenzene	93
1,3-Dichlorobenzene	81
1,4-Dichlorobenzene	85
alpha-Chlorotoluene	81
1,2-Dichlorobenzene	80
1,2,4-Trichlorobenzene	94
Hexachlorobutadiene	78

Container Type: NA - Not Applicable

Surrogates	%Recovery	Method Limits
Toluene-d8	100	70-130
1,2-Dichloroethane-d4	96	70-130
4-Bromofluorobenzene	101	70-130

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AN ENVIRONMENTAL ANALYTICAL LABORATORY

CHAIN-OF-CUSTODY RECORD

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Page 1 of 1

Contact Person Kris Larson
Company Nirva & Moore Email
Address 1956 Webster #400 City Oakland State Ca Zip 94612
Phone 510-633-5640 Fax 510-633-5646
Collected by: (signature)

Project Info:
P.O. #
Project # 401071001
Project Name Mercury Cleaners

Turn Around Time:
☒ Normal
☐ Rush
specify

Lab I.D.	Field Sample I.D. (Location)	Can#	Date	Time	Analyses Requested	Canister Pressure/Vacuum Initial	Final
01A	B2-SG-5-1	2382	11/19/05	1230	TO-15	-30	-2
02A	B5-SG-5-1	2560	11/19/05	1620	TO-15	-30	-2
03A	B12-SG-5-1	9402	11/19/05	1515	TO-15	-30	-2
04A	B25-SG-5-1	1958	11/19/05	1542	TO-15	-30	-2

Relinquished by: (signature) Date/Time 11/21 - 16:00
Received by: (signature) Date/Time 11/22/05 1000
Notes:
Relinquished by: (signature) Date/Time
Received by: (signature) Date/Time
Relinquished by: (signature) Date/Time
Received by: (signature) Date/Time

Lab Use Only: Shipper Name	Air Bill #	Temp (°C)	Condition	Custody Seals Intact	Cooler Temp
Cal Over-night	C103395000006724	—	good	Yes No None	0511462

Form 1283 (rev 1)