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FINAL INTERIM MEASURES FOR SOLID WASTE MANAGEMENT UNIT 8 BUILDING 106 POND NSA CRANE IN
1/1/2010
TETRA TECH

Comprehensive Long-term Environmental Action Navy

CONTRACT NUMBER N62467-04-D-0055

Rev. 0
01/10

Interim Measures Report

for

SWMU 8 – Building 106 Pond

Naval Surface Warfare Center Crane
Crane, Indiana

Contract Task Order 0020

January 2010

Naval Facilities Engineering Command
Midwest
201 Decatur Avenue
Building IA, Code EV
Great Lakes, Illinois 60088

TETRA TECH NUS, Inc.

060805/P

INTERIM MEASURES REPORT
for
SWMU 8 – BUILDING 106 POND

NAVAL SURFACE WARFARE CENTER CRANE
CRANE, INDIANA

COMPREHENSIVE LONG-TERM
ENVIRONMENTAL ACTION NAVY (CLEAN) CONTRACT

Submitted to:
Naval Facilities Engineering Command
Midwest
201 Decatur Avenue
Building IA, Code EV
Great Lakes, Illinois 60088

Submitted by:
Tetra Tech, Inc.
234 Mall Boulevard, Suite 260
King of Prussia, Pennsylvania 19406

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PREPARED UNDER THE SUPERVISION OF:

STEVE RUFFING, P.E.
PROJECT MANAGER
TETRA TECH, INC.
PITTSBURGH, PENNSYLVANIA

APPROVED FOR SUBMITTAL BY:

JOHN J. TREPANOWSKI, P.E.
PROGRAM MANAGER
TETRA TECH, INC.
KING OF PRUSSIA, PENNSYLVANIA

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LIST OF ACRONYMS

BERA	Baseline Ecological Risk Assessment
CFU	colony-forming units
CLEAN	Comprehensive Long-Term Environmental Action Navy
COPC	chemical of potential concern
CTO	Contract Task Order
DCA	Dichloroethane
DCE	Dichloroethene
DO	dissolved oxygen
EEQ	Ecological Effects Quotient
EMAC	Environmental Multiple Award Contractor
EP	Extraction Procedure
HCL	Hydrochloric
HHRA	Human Health Risk Assessment
HI	hazard index
IAS	Initial Assessment Study
IDEM	Indiana Department of Environmental Management
IEUBK	Integrated Exposure Uptake Biokinetic
ILCR	incremental lifetime cancer risk
IM	Interim Measure
IMWP	Interim Measures Work Plan
MCL	Maximum Contaminant Level
mL	milliliter
NAVFAC	Naval Facilities Engineering Command
NEESA	Naval Energy and Environmental Support Activity
NOAEL EEQ	No Observed Adverse Effect Level Ecological Effects Quotient
NSWC	Naval Surface Warfare Center
PAHs	polynuclear aromatic hydrocarbon
PCB	Polychlorinated Biphenyl
PCE	Tetrachloroethene
PCP	Pentachlorophenol
ppb	part per billion
ppm	part per million
PVC	Polyvinyl Chloride

QAPP	Quality Assurance Project Plan
RCRA	Resource Conservation and Recovery Act
RME	reasonable maximum exposure
RFI	RCRA Facility Investigation
SERA	screening-level ecological risk assessment
sf	square feet
SWMU	Solid Waste Management Unit
SVOC	semivolatile organic compound
TCA	Trichloroethane
TCE	Trichloroethene
TCLP	Toxicity Characteristic Leaching Procedure
Tetra Tech	Tetra Tech NUS, Inc.
TOC	total organic carbon
µg/dL	microgram per deciliter
USEPA	United States Environmental Protection Agency
VOC	volatile organic compound

1.0 INTRODUCTION

1.1 PURPOSE

The purpose of this Interim Measures Report is to describe the activities performed during the interim remedial action conducted at Solid Waste Management Unit (SWMU) 8 – Building 106 Pond, at Naval Surface Warfare Center (NSWC) Crane located in Crane, Indiana. The activities associated with this interim action were completed in accordance with the Interim Measures Work Plan (IMWP) for SWMU 8 - Building 106 Pond (Tetra Tech, 2006a) and the Resource Conservation and Recovery Act (RCRA) Addendum No. 1 to the Quality Assurance Project Plan for SWMUs 8, 15, 18, 19, 20 and The Old Gun Tub Storage Lot for Interim Measures at SWMU 7 (Old Rifle Range), SWMU 8 (Building 106 Pond), SWMU 13 (Mine Fill B), and SWMU 17 (PCB Burial/Pole Yard) (Tetra Tech, 2006b). Activities included clearing of trees and other vegetation directly around the Building 106 Pond, removal of fencing, dewatering pond, excavation and dewatering of contaminated sediments and soils from within the pond, treatment and discharge of all accumulated water to the NSWC Crane sanitary treatment plant, off-site disposal of the contaminated sediments and soils, and regrading and seeding of the former pond area. In conjunction with the removal of contaminated media from the Building 106 Pond, the former Industrial Water Treatment Facility located immediately south of the pond was also removed. This work was performed for the United States Navy, Naval Facilities Engineering Command (NAVFAC) Midwest by Tetra Tech NUS, Inc. (Tetra Tech) under Contract Task Order (CTO) 0020 of the Comprehensive Long-Term Environmental Action Navy (CLEAN) IV Contract Number N62467-04-D-0055. Initial field activities began in April 2007, and work was completed in November 2007.

1.2 FACILITY DESCRIPTION

NSWC Crane is located in the southern portion of Indiana, approximately 75 miles southwest of Indianapolis and 71 miles northwest of Louisville, Kentucky, immediately east of Crane Village and Burns City (Figure 1-1). NSWC Crane encompasses 62,463 acres (approximately 98 square miles), most of which are located in the northern portion of Martin County. Smaller portions of NSWC Crane are located in Greene, Daviess, and Lawrence Counties. NSWC Crane is located in a rural, sparsely populated area. Most of NSWC Crane is forested, and the surrounding area is wooded or farmed land. NSWC Crane provides material, technical, and logistical support to the Navy for equipment, shipboard weapons systems, and nonexpendable ordnance items. In addition, NSWC Crane supports the Crane Army Ammunition Activity with production, renovation, storage, shipment, demilitarization, and disposal of conventional ammunition.

1.3 SITE DESCRIPTION AND HISTORY

SWMU 8 is located in the east-central portion of NSWC Crane as shown on Figure 1-1. SWMU 8 included a surface pond located east of Building 106 (Figure 1-2). The pond has been studied extensively, and the nature and extent of contamination and associated risks at the pond are based on the results of these investigations. The reports generated from these investigations include the following:

- Naval Ammunition Depot, Crane Indiana, Pilot Test Final Report (Kent R., et al., 1973).
- Initial Assessment Study (IAS) [Naval Energy and Environmental Support Activity (NEESA), 1983].
- Preliminary Review/Site Inspection of NWSC Crane (A.T. Kearny, Inc., 1987).
- RCRA Facility Investigation (RFI) Phase I Environmental Monitoring Reports, SWMUs 16/06, 14/10, and 16/16 (Halliburton NUS, 1992)
- RCRA Facility Investigation for Building 106 Pond (SWMU 8) (Tetra Tech, 2006c)

A summary of these environmental investigations is provided in the remainder of this section.

The Building 106 Pond encompassed 2,550 square feet (sf) and was located within SWMU 8, which occupies an area of 5.8 acres (Figure 1-2). Buildings 106 and 107 are located west and northwest of the pond, respectively. A deep drainage channel is located north and east of the pond, and a former Industrial Water Treatment Facility was located south of the pond. The pond had been surrounded by trees and a wire fence. The area east and northeast of the pond is wooded. South of the pond is an open grass area. In addition to these site features, an electrical sub-station, overhead electrical lines, and monitoring wells are located within the Building 106 Pond site. A detailed site map is provided as Figure 1-2.

Buildings 106 and 107 have historically been involved in the overhaul of projectile casings. Building 106 housed a cleaning process consisting of a caustic wash, a trichloroethene (TCE) degreaser, and hydrochloric (HCL) acid wash. During World War II, the ignition ends of smokeless powder bag charges were colored red in Building 106 using naphthalene sulfonic acid sodium salt dyes. In the mid-1970s, phosphatizing of steel was conducted in Building 106. The phosphatizing process involved applying a zinc phosphate coating to projectiles, and it also included a conditioning rinse step that used a dilute solution of either chromic acid or chromic and phosphoric acids (Tetra Tech, 2006).

Building 107 activities included refinishing of metal and wooden boxes. Metal boxes were first cleaned utilizing TCE. Approximately 700 gallons of TCE were used annually for this process. The metal boxes were then painted in booths equipped with water washes for particulate control. The amount of dust

collected daily from the accumulator/baghouse associated with the paint booths was approximately 300 to 400 pounds. The process for refinishing wooden boxes was the same as for metal boxes with an additional step that included dipping the wooden boxes into a 5 percent pentachlorophenol (PCP) solution for 5 minutes followed by partial drying in a drip pan. Approximately 8,800 gallons of PCP were used annually (Tetra Tech, 2006).

Activities in Buildings 106 and 107 also included the application of coatings to Hawk missile containers in paint booths. One of the paint booths applied a zinc chromate coating containing 40 percent by weight of toluene, and another paint booth applied an olive drab coating containing 22 percent naphtha. Each of the paint booths utilized approximately 500 gallons of coating material per year. Prior to coating, the Hawk missile containers were sandblasted with silica, which produced approximately 900 to 1,000 pounds of baghouse residue per day (Tetra Tech, 2006).

During industrial activities in Buildings 106 and 107, splash drag-out and overflows of wastewater from Buildings 106 and 107 were discharged to the unlined Building 106 Pond through floor drains via 6-inch-diameter vitrified clay pipe (Tetra Tech, 2006). Drainage discharges may have contained TCE, PCP, paint residue, and heavy metals. In addition, oily wastewater from leaking compressors in Building 107 also drained to the Building 106 Pond (A.T. Kearny, 1987). Currently, repair operations are intermittently performed in Buildings 106 and 107 (Tetra Tech, 2006).

Prior to 1972, water discharged from the Building 106 Pond via a 15-inch-diameter corrugated metal pipe to a drainage ditch on the eastern side of the pond. The pond's discharge passed through a scum baffle to prevent floating oils and greases from entering the drainage ditch. Sometime after 1972, the pond began discharging through a new 4-inch polyvinyl chloride (PVC) pipe to the Industrial Water Treatment Facility (Building 2961). All discharges from the Industrial Water Treatment Facility flowed to the NSWC Crane sanitary sewer system (NEESA, 1983). With the addition of the new discharge pipe to the Industrial Water Treatment Facility, the 15-inch-diameter corrugated metal pipe was filled with concrete to prevent continuing discharge to the drainage ditch, the pond's earthen berm crest elevation was increased by 1 foot, and the earthen berm crest width was increased to 5 feet.

The physiography, topography, meteorology, hydrology, geology, and hydrogeology of SWMU 8 are detailed in Sections 2.1.2 through 2.1.6 of the IMWP (Tetra Tech, 2006a).

1.4 PREVIOUS SAMPLING AND ANALYSIS

In 1972, approximately 47 samples were collected from effluent discharging from the Building 106 Pond. These samples were analyzed for water quality parameters [total organic carbon (TOC), turbidity, dissolved oxygen (DO), etc.], metals, and explosives. Analytical results indicated elevated metals concentrations with values as high as 20 parts per million (ppm) for lead, 3.5 ppm for chromium, 1 part per billion (ppb) for mercury, 20 ppm for zinc, and 0.2 ppm for cadmium (Kent, et al., 1973).

The IAS (NEESA, 1983) recommended two soil samples from the Building 106 Pond be collected and analyzed for mercury, chromium, phosphorus, and TCE. In 1985, two samples were analyzed for metals via the Extraction Procedure (EP) Toxicity Test and for oil/grease content. Measured concentrations were less than Toxicity Characteristic Leaching Procedure (TCLP)/EP Toxicity regulatory action levels. In 1987, a visual site inspection noted that the edges of the pond were oil-stained and that the surface of the pond exhibited an oily sheen (A.T. Kearny, 1987).

As part of the Phase I Environmental Monitoring Report (Halliburton NUS, 1992), background data and site observations were reviewed to determine the likelihood of a release posing a potential threat to human health and/or the environment. Data and observations pertinent to SWMU 8 were reviewed to assess the potential for contaminant releases to groundwater, surface water, air, and soil. Data were interpreted and release determinations were made according to the approach described in the RCRA Facility Assessment Guidance (USEPA, 1986). Based on waste characteristics related to historical introduction of mobile compounds and locational and operational characteristics, potential releases to groundwater, soil, and air were deemed likely. Based on analytical records and reports, it was determined that releases to surface water had occurred.

The most recent investigation at SWMU 8 was the RFI conducted in 2004 and 2005. This investigation was conducted in three phases and included the installation of permanent and temporary monitoring wells, soil borings, and collection of subsurface soil, surface soil, sediment, surface water, and groundwater samples. The RFI Round 1 sampling event was conducted in December 2004 and January 2005, Round 2 sampling event was conducted in May and June 2005, and the Round 3 sampling event was conducted in September and October 2005. All work was conducted in accordance with the procedures and methodologies described in the U.S. Environmental Protection Agency (USEPA)- and Indiana Department of Environmental Management (IDEM)-approved Quality Assurance Project Plan (QAPP) (Tetra Tech, 2004). The RFI also included the preparation of a human health and ecological risk assessment. The results of the RFI, along with the results of the previous investigations, adequately

identified the extent of contamination associated with SWMU 8 and the environmental conditions within the Building 106 Pond area (Tetra Tech, 2006).

1.5 EXTENT OF CONTAMINATION

The following paragraphs are excerpts from the 2006 RFI Report (Tetra Tech, 2006b) summarizing the extent of contamination and human health and ecological risks associated with contamination within the Building 106 Pond area.

1.5.1 Chemical Distribution

The degree and extent of contamination at SWMU 8 is rather limited and reasonably well bounded. The primary contaminants are chlorinated volatile organic compounds (VOCs) in pond sediments, pond water, and groundwater, and 1,4-dioxane in groundwater only. Groundwater contaminant distribution suggests that a source of VOC and 1,4-dioxane contamination, other than the Building 106 Pond, appears to exist in the area immediately south of Building 106. Based on the RFI results, any contaminant source area south of Building 106 is expected to be minor compared to the Building 106 Pond source.

Several groundwater metals concentrations exceeded federal Maximum Contaminant Levels (MCLs) and upgradient concentrations, but no link to SWMU 8 for the elevated metals concentrations was found. Slightly elevated concentrations of some metals were detected in the Building 106 Pond, but the elevated concentrations were not nearly as high as the chlorinated VOC concentrations. Metals concentrations in the drainage ditch and tributary soil samples appear to reflect natural conditions. Therefore, metals do not appear to be significant site-related contaminants for SWMU 8 or the drainage ditches and tributaries.

Surface water and sediment contamination at SWMU 8 is limited and well bounded. Sample location 08SW/SD006 exhibited the highest surface water and sediment contamination. Surface water and bottom sediment contamination at SWMU 8 is essentially limited to polynuclear aromatic hydrocarbons (PAHs) and metals near sample locations 08SW/SD006 and 08SW/SD015 through 08SW/SD017, which were all located to the east (downgradient) of the Building 106 Pond. Data indicate that surface water and sediment in the drainage ditches located east of the pond are relatively contaminant free and that surface water and sediment in the Building 106 Pond are by far the most contaminated media at SWMU 8. The greatest number of surface water screening value exceedances for metals occurred in a seep sample (08SP002) located approximately 300 feet south of the Building 106 Pond. At this location, groundwater from the seep is considered to be surface water. These sample locations are shown in Figure 1-3. Except for this location, metals concentrations in surface water and sediment were

comparable throughout the drainage ditch and tributary. Counts of colony-forming units (CFUs) for total coliform bacteria exceeded 2,400 units per 100 milliliters (mL) in surface water. Fecal coliform counts exceeded 5 CFUs per 100 mL in groundwater. A sanitary sewer line break was identified and repaired at about the same time as the RFI was prepared. Thus, the source of the fecal coliform in surface water was identified.

A comparison of metals concentrations in filtered and unfiltered surface water samples reveals that the majority of the detected results for aluminum, arsenic, chromium, cobalt, copper, iron, lead, tin, vanadium, and zinc are associated with suspended solids within the surface water. A similar comparison for groundwater reveals that the majority of the detected results for aluminum, arsenic, beryllium, cadmium, chromium, cobalt, copper, iron, lead, mercury, tin, vanadium, and zinc are also associated with suspended solids within the groundwater.

1.5.2 Human Health Risks

This section summarizes the results of the Human Health Risk Assessment (HHRA) performed for SWMU 8.

The baseline HHRA for SWMU 8 was performed to characterize the potential risks to likely human receptors under current and potential future land uses. Potential receptors under current land use scenarios are maintenance workers, occupational workers, and adolescent trespassers. Potential receptors under future land use scenarios are construction workers, child and adult recreational users, and hypothetical child and adult residents. Although future land use is likely to be the same as current land use (military/industrial usage), potential future receptors were evaluated in the baseline HHRA primarily for decision-making purposes.

Direct contact chemicals of potential concern (COPCs) evaluated in the HHRA for SWMU 8 are as follows:

- Surface soil in the vicinity of the Building 106 Pond - benzo(a)pyrene, aluminum, arsenic, iron, manganese, and vanadium.

- Subsurface soil in the vicinity of the Building 106 Pond - benzo(a)pyrene, aluminum, antimony, arsenic, iron, manganese, and vanadium.

- Surface soil in the grass and gravel areas around Buildings 106 and 107 - benzo(a)pyrene, benzo(b)fluoranthene, dibenzo(a,h)anthracene, aluminum, arsenic, iron, manganese, and vanadium.

- Subsurface soil in the grass and gravel areas around Buildings 106 and 107 - aluminum, arsenic, iron, manganese, thallium, and vanadium.

- Surface soil under Building 106 and surrounding pavement - benzo(a)pyrene, dibenzo(a,h)anthracene, aluminum, arsenic, iron, and vanadium.

- Subsurface soil under Building 106 and surrounding pavement - aluminum, arsenic, iron, and vanadium.

- Surface soil under Building 107 and surrounding pavement - none.

- Subsurface soil under Building 107 and surrounding pavement - none.

- Groundwater in shallow bedrock and overburden zones - 1,1,1-trichloroethane (TCA), 1,1,2-TCA, 1,1-dichloroethane (DCA), 1,1-dichloroethene (DCE), 1,2-DCA, benzene, chloroethane, cis-1,2-DCE, toluene, trans-1,2-DCE, TCE, vinyl chloride, 1,4-dioxane, 3- and 4-methylphenol, aluminum, antimony, arsenic, barium, beryllium, cadmium, chromium, cobalt, iron, lead, manganese, thallium, and vanadium.

- Groundwater in the intermediate zone - 1,1,1-TCA, 1,1,2-TCA, 1,1-DCA, 1,1-DCE, 1,2-DCA, chloroform, cis-1,2 DCE, tetrachloroethene (PCE), trans-1,2-DCE, TCE, vinyl chloride, 1,4-dioxane, aluminum, arsenic, cobalt, iron, manganese, nickel.

- Groundwater in the deep zone - 1,4-dioxane, aluminum, arsenic, iron, manganese, and vanadium.

- Surface water in the Building 106 Pond - 1,1-DCA, 1,1-DCE, 2-butanone, 4-methyl-2-pentanone, chloroethane, cis-1,2-DCE, toluene, TCE, vinyl chloride, xylenes, 2-methylnaphthalene, aluminum, antimony, arsenic, barium, cadmium, chromium, copper, iron, lead, manganese, vanadium, and zinc.

- Surface water in tributaries - cis-1,2-DCE, TCE, vinyl chloride, aluminum, arsenic, chromium, iron, lead, manganese, thallium, and vanadium.

- Surface water in the main stream - aluminum, iron, and manganese.

- Sediment in the Building 106 Pond - 1,1,1-TCA, 1,1-DCA, 1,1-DCE, chloroethane, cis-1,2-DCE, trans-1,2-DCE, TCE, benzo(a)pyrene, arsenic, iron, vanadium, and perchlorate.

- Sediment in tributaries - benzo(a)pyrene, aluminum, arsenic, iron, manganese, and vanadium.

- Sediment in the main stream - aluminum, arsenic, iron, manganese, and vanadium.

In addition to the COPCs based on direct human contact listed above, COPCs were also identified for migration from soil to groundwater and from groundwater through building foundations into indoor air (see Section 7.2.3 of the RFI).

1.5.2.1 Risk Assessment Results - Exposure to Soil

Quantitative estimates of noncarcinogenic and carcinogenic risks [hazard indices (HIs) and incremental lifetime cancer risk (ILCRs), respectively] were developed for potential human receptors. Target organ-specific HIs for all receptors assumed to be exposed to surface soil and subsurface soil under the reasonable maximum exposure (RME) scenario were less than or equal to unity (1).

ILCRs for all receptors assumed to be exposed to surface and subsurface soil were less than or within USEPA's target risk range of 1×10^{-4} to 1×10^{-6}.

1.5.2.2 Risk Assessment Results - Exposure to Surface Water and Sediment

Target organ-specific HIs for all receptors assumed to be exposed to surface water and sediment under the RME scenario were less than or equal to unity.

ILCRs for all receptors assumed to be exposed to surface water and sediment were less than or within USEPA's target risk range of 1×10^{-4} to 1×10^{-6}.

Although the risks calculated for direct contact with surface water and sediment in the Building 106 Pond were acceptable, the contamination from the pond, especially VOCs, has likely impacted other site media. The sediment in the pond is the likely source of the COPCs identified in groundwater which is therefore the basis for initiating sediment removal activities at the pond.

1.5.2.3 Risk Assessment Results - Exposure to Groundwater

Shallow Bedrock and Overburden Zones - Target organ-specific HIs associated with potable use of shallow groundwater by hypothetical child and adult residents exceeded unity. Aluminum, arsenic, iron, manganese, and vanadium were the major contributors to the HIs for the hypothetical child resident. Aluminum, arsenic, iron, and manganese were the major contributors to the HIs for the adult resident. Note that high turbidity readings were reported for the sample on which the risks from shallow groundwater were based; the elevated concentrations of aluminum, arsenic, iron, and vanadium in the sample are likely due to the presence of elevated suspended solids.

The ILCRs for domestic use of shallow groundwater by hypothetical future residents exceeded USEPA's target risk range. Arsenic was the major contributor to the ILCRs for shallow groundwater (ILCR greater than 1×10^{-4}). Vinyl chloride (ILCR greater than 1×10^{-5}), TCE, and 1,4-dioxane (ILCRs between 1×10^{-5} and 1×10^{-6}) were minor contributors to the ILCRs. As stated above, the elevated concentration of arsenic used to estimate the risks was likely due to the presence of suspended matter in the unfiltered groundwater sample. The concentrations of arsenic in most shallow overburden/bedrock groundwater samples were less than the MCL.

Intermediate Zone - HIs associated with the potable use of intermediate zone groundwater by the occupational worker, child recreational user, hypothetical child resident, and hypothetical adult resident exceeded unity. Manganese was the major contributor to the HIs for the occupational worker, child recreational user, and hypothetical adult resident. 1,1-DCE, TCE, iron, manganese, and nickel were the major contributors to the HI for hypothetical child resident.

ILCRs for domestic use of intermediate zone groundwater by the occupational worker and hypothetical future resident exceeded USEPA's target risk range. TCE was the major contributor to the ILCRs for intermediate zone groundwater (ILCR greater than 1×10^{-4}). Several other VOCs, 1,4-dioxane, and arsenic (ILCRs less than 1×10^{-4} but greater than 1×10^{-6}) were minor contributors to the ILCRs.

Deep Zone - HIs for the potable use of deep zone groundwater by the hypothetical future child resident exceeded unity. Iron and manganese were the major contributors to the HIs for the child resident.

ILCRs for domestic use of deep zone groundwater for all potential receptors evaluated were within USEPA's target risk range.

1.5.2.4 Risk Assessment Results - Exposure to Lead

Exposures to lead in surface water from the Building 106 Pond and tributaries and in shallow groundwater were evaluated using USEPA's Integrated Exposure Uptake Biokinetic (IEUBK) Model. The IEUBK Model analysis indicated that blood-lead levels for children based on exposure to average lead concentrations at SWMU 8 did not exceed the USEPA goal that blood-lead levels of no more than 5 percent of exposed children should exceed the 10 microgram per deciliter (µg/dL) blood-lead level of concern.

In summary, no significant potential human health risks are expected for exposures to surface soil, surface water, and sediment under current or future land use at SWMU 8. Noncarcinogenic and/or carcinogenic risks exceeded USEPA risk benchmarks for occupational workers, child and adult recreational users, and hypothetical child and adult residents using groundwater as a potable water supply. VOCs, 1,4-dioxane, and several metals were the major contributors to the risks for shallow and intermediate zone groundwater. Iron and manganese were the major contributors to the risks for deep zone groundwater. As discussed in the risk assessment section of the RFI, the risk estimates were subject to a number of significant uncertainties. Among these is the fact that comparisons to background concentrations were not used in the COPC screening process, concentrations of metals in some groundwater samples appear to be elevated because of suspended matter in the samples, and groundwater is not currently used nor is it expected to be used as a potable water source in the future at SWMU 8.

1.5.3 <u>Ecological Risks</u>

A screening-level ecological risk assessment (SERA) was performed for SWMU 8, Building 106 Pond area (Tetra Tech, 2006). Several chemicals were retained as COPCs as a result of the initial screening of surface soil, sediment, and surface water sample results. The list of chemicals initially selected in the SERA as COPCs were further evaluated in Step 3a, the first step of the Baseline Ecological Risk Assessment (BERA). After a review of alternate toxicity information (based on soil invertebrates, plants, and aquatic receptors) was conducted, and maximum and average soil concentrations were compared to the alternate toxicity information. For the surface soil samples, no chemicals were retained as COCs because all concentrations were less than alternate benchmarks or soil background values. For pond soil and sediment samples, several concentrations were greater than screening levels, but because the pond sediments will be excavated, these analytes were not retained as COCs.

Similarly, the list of chemicals initially selected as COPCs in sediment and surface water were further evaluated in Step 3a. After a review of alternate toxicity information (based on aquatic organisms) and other Step 3a factors, maximum and average concentrations of sediment and surface water COPCs were

compared to the alternate toxicity information. No chemicals were retained as COCs for further evaluation for benthic and aquatic organisms, mainly because concentrations were less than alternate screening levels and upgradient concentrations, concentrations in surface soil were not site related, and concentrations were less than screening levels in filtered samples.

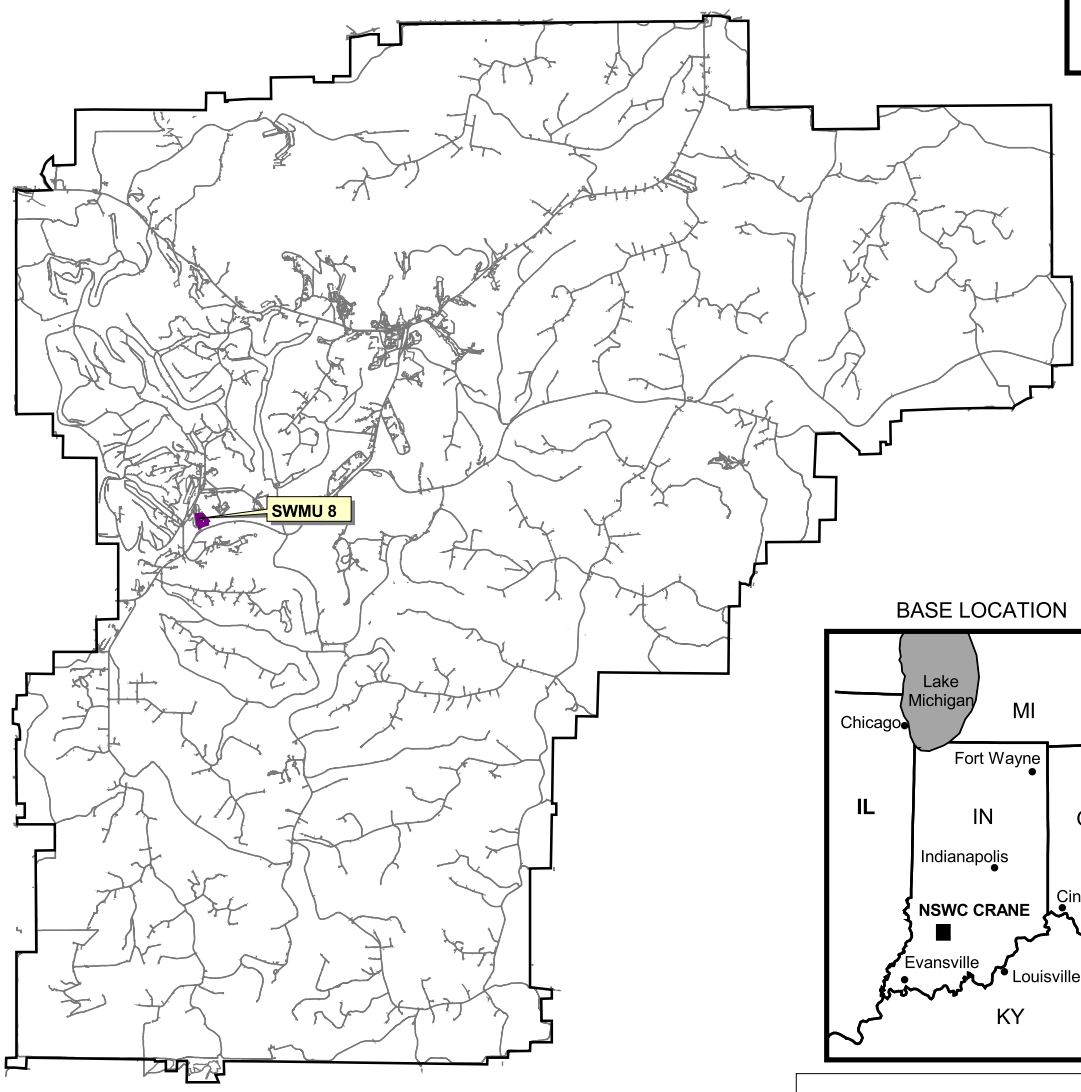
The chemicals selected as COPCs for risks to wildlife were also further evaluated in Step 3a. No chemicals were retained as COCs for further evaluation for several reasons. For the woodcock, although the zinc No Observed Adverse Effect Level (NOAEL) ecological effects quotient (EEQ) was greater than 1.0 for site soil concentrations, the NOAEL EEQ was also greater than 1.0 using background zinc concentrations. Also, the location of the maximum zinc concentration has poor habitat for insectivorous birds. For the mink, a site use factor of 10 percent was used, which is likely conservative. Also, the body weight scaling used for large mammals is conservative. Because the NOAEL EEQs are only slightly greater than 1.0 for the tributary and main stream, risks are considered to be acceptable.

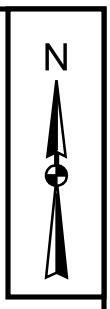
1.6 REPORT ORGANIZATION

The following sections are included in the remainder of this document:

- Section 2.0 presents the activities associated with this interim remedial action and the data associated with the confirmation sampling conducted upon excavation and removal of sediment and soil from the Building 106 Pond.

- Section 3.0 presents the report conclusions based on the results of the interim remedial action activities.





BASE LOCATION

LEGEND

- SWMU
- Base Boundary
- Road

2 0 2 Miles

DRAWN BY S. STROZ	DATE 04/04/06	SITE LOCATION MAP SWMU 8 - BUILDING 106 POND INTERIM MEASURES REPORT NSWC CRANE CRANE, INDIANA	CONTRACT NUMBER CTO 0020
CHECKED BY T. ADAMS	DATE 06/18/08		APPROVED BY — DATE —
COST/SCHEDULE-AREA			APPROVED BY — DATE —
SCALE AS NOTED			DRAWING NO. FIGURE 1-1 / REV 0

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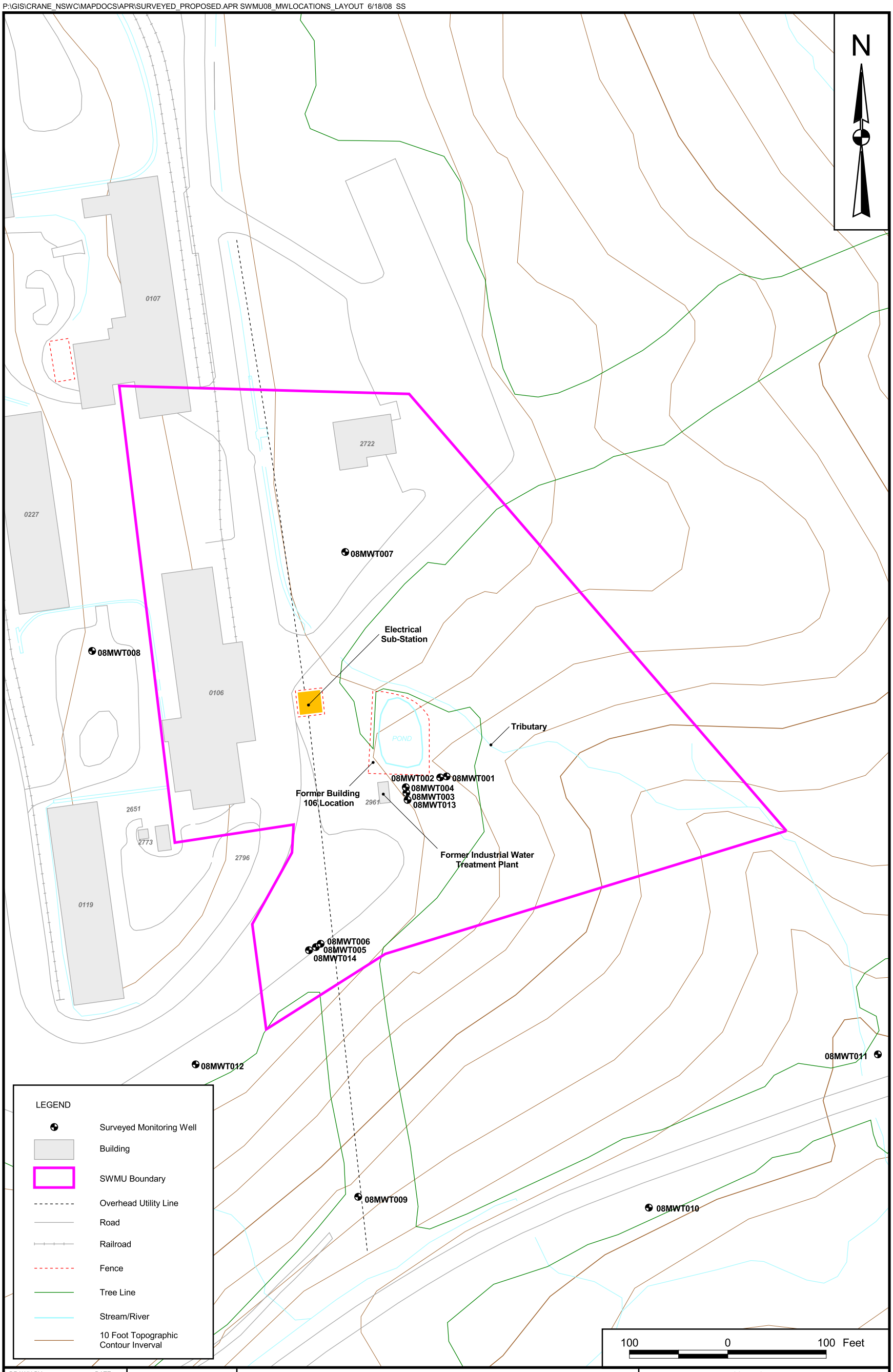

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SITE LAYOUT MAP
SWMU 8 - BUILDING 106 POND
INTERIM MEASURES REPORT
NSWC CRANE
CRANE, INDIANA

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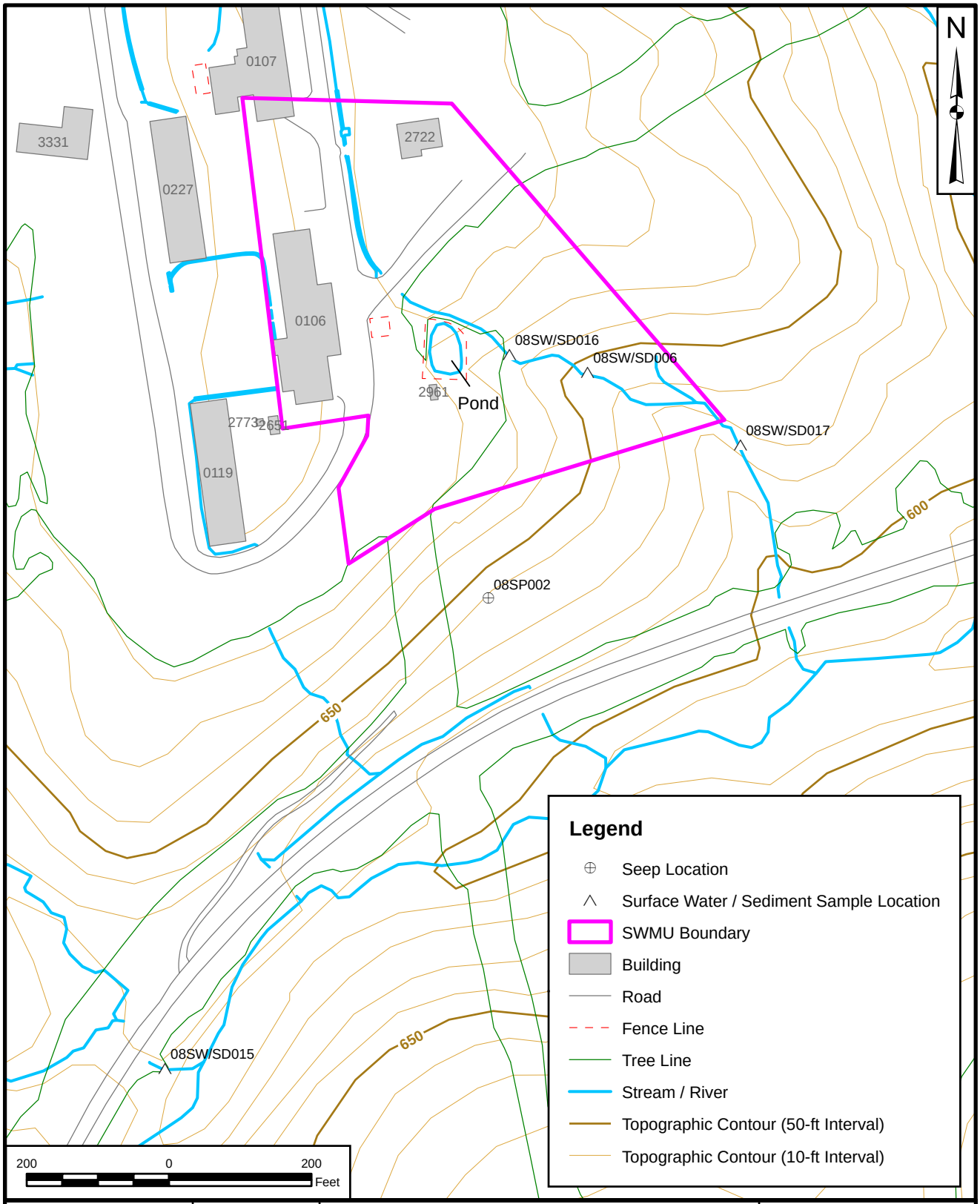

DRAWN BY J. ENGLISH	DATE 08/25/09	SURFACE WATER/SEDIMENT AND SEEP LOCATIONS WITH HIGHEST LEVELS OF CONTAMINATION SWMU 8 - BUILDING 106 POND NSWC CRANE CRANE. INDIANA	CONTRACT NUMBER 0055
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2.0 DESCRIPTION OF INTERIM REMEDIAL ACTIVITIES

2.1 PURPOSE

The purpose of this section is to present the field activities conducted as part of the interim remedial action as well as the sample results used to confirm that no further removal of soil or sediment from the Building 106 Pond is required to satisfy regulatory requirements. The SWMU 8 IMWP (Tetra Tech, 2006a) addressed dewatering of the pond, excavation of sediment and soil from within the pond, dewatering of excavated sediment and soil, treatment and discharge of all accumulated water to the NSWC Crane sanitary treatment plant, and off-site disposal of the contaminated sediment and soil. The RCRA Addendum No. 1 to the QAPP (Tetra Tech, 2006b) described sampling locations, methods, and rationales for the sampling activities conducted in support of the Interim Measure (IM) at the Building 106 Pond. Details regarding the environmental sampling, including sampling locations and analyses, are provided in this section. Photographs taken during the remedial activities are presented in Appendix A.

The Environmental Multiple Award Contract (EMAC) Contractor responsible for all on-site construction and excavation activities conducted in accordance with the IMWP was TolTest, Inc. (TolTest). Tetra Tech personnel completed the verification and confirmation sampling activities.

2.2 SITE PREPARATION

Site preparation included mobilization of personnel and equipment to the site, construction of staging areas, and establishing erosion and sediment controls clearing and grubbing of vegetation at the site. Pre-construction teleconference calls between the Navy, Tetra Tech, and TolTest were conducted prior to field mobilization activities. The objectives of these calls were to review the responsibilities of each party and to establish lines of communication. TolTest worked directly with the NSWC Crane Public Works Department to mark all underground utilities within the area of IM activities.

2.2.1 <u>Mobilization</u>

Initial mobilization to the site by TolTest personnel was conducted on April 16, 2007. Upon mobilization, general work areas were segregated with yellow caution tape, and appropriate signage was installed. A gravel construction entrance was established to provide access to the work area and to prevent soil from being tracked off site via equipment and trucks. These structures were maintained throughout the project.

A 60-mil low-density polyethylene geomembrane liner was laid out just south of the Building 106 Pond. Four 20,000-gallon Baker tanks for temporary water storage were staged on top of the liner. A temporary soil berm, approximately 3 feet high, was constructed under the plastic around the perimeter of the tank staging area to act as secondary containment. An air stripper water pretreatment system, used to remove VOCs from the pond water as it was transferred from the holding tanks (dirty) to the secondary tanks (clean) was placed within this secondary containment. Electricity for the air stripper was supplied from Building 106.

2.2.2 Clearing

Trees, other vegetation, and a wire fence were removed from the perimeter of the work area. Clearing and grubbing was limited to the areas surrounding the pond. The trees and brush along the southern and western sides of the pond were completely removed, and trees and brush along the northern and eastern sides of the pond were cleared as needed.

2.3 EROSION AND SEDIMENT CONTROLS

Temporary erosion controls consisted of a silt fence located on the eastern side of the pond along the eastern drainage ditch. The silt fence was installed in accordance with Section 4.2 and Figure 4-2 of the SWMU 8 IMWP (Tetra Tech, 2006a). The silt fencing was installed where indicated on Figure 4-1 of the SWMU 8 IMWP (Tetra Tech, 2006a) prior to any earth-moving activities at the site and was inspected periodically during the remediation project to ensure its continued integrity.

2.4 POND DEWATERING

On May 2, 2007, the EMAC began pumping water from the pond directly into two of the 20,000-gallon temporary water storage tanks (pre-treatment tanks). Suspended sediments in the water were filtered via a filter sock attached to the end of the discharge hose. The water was then discharged from these tanks through the air stripper at approximately 20 gallons per minute to remove VOCs (TCE) and then pumped into the second set of 20,000-gallon water storage tanks (post-treatment tanks). After the pond had been drained and the water pumped through the air stripper, it was determined that only one of the pre-treatment storage tanks was needed on site to handle any additional water accumulation in the pond. Therefore, the second pre-treatment tank was cleaned and subsequently removed from the site.

To ensure the treated water met the discharge criteria set forth in Appendix B.3 of the IMWP (Tetra Tech, 2006a), the EMAC collected several water samples from the post-treatment tanks and analyzed them for VOCs, semi-volatile organic compounds (SVOCs), and metals. Samples were collected on May 8

(PD1065807), May 17 (PD10651707), May 21 (PD1062D52107), July 31 (PD10673107), September 17 (PD106917W), and October 23, 2007 (PD106102307). The water was then transported in the 20,000-gallon tanks to the NSWC Crane Wastewater Treatment Plant located approximately 2.5 miles from the Building 106 Pond. A total of 126,000 gallons of water were treated during the removal action, including initial pond water, groundwater infiltration into the pond, and rain water.

The analytical results from the treated water samples can be found in the TolTest Draft Completion Report provided as Appendix B.

2.5 SOIL EXCAVATION AND WASTE CHARACTERIZATION SAMPLING PROCEDURES

After the water level in the pond had been drawn down to within several inches of the bottom of the pond, TolTest began excavation activities within the pond. Vertical excavation was conducted to bedrock (approximately 10 feet) on the floor of the pond, and the sidewalls were sloped to provide stable excavation walls. All excavated sediment and soil was stockpiled near the center of the pond, and the water was allowed to gravity drain towards the low end of the pond where the water was then continually pumped from the pond.

A sediment sample (PD106WM5107) was collected by the EMAC from the floor of the pond on May 1, 2007, and submitted to a fixed-base laboratory for waste characterization analysis. The sample was analyzed for VOCs, SVOCs, and metals. Results of the analyses are provided in Appendix B. The stockpiled sediment within the pond had a consistency of a very wet slurry making it too wet to be handled by the excavator. Sawdust was therefore added as a solidifying agent. To evaluate the solidified sediment, an additional waste characterization sample (PD106WM52207) was collected by the EMAC on May 22, 2007, and analyzed for VOCs, SVOCs, metals, polychlorinated biphenyls (PCBs), and pesticides (Appendix B). A third sample (PD1066707) was collected by TolTest on June 7, 2007, and analyzed for VOCs, SVOCs, metals, PCBs, and pesticides (Appendix B). To resolve the RCRA classification issue for the dewatered Building 106 Pond sediment, IDEM and the Navy agreed upon the collection of composite samples for VOC analysis. These samples were collected by Tetra Tech on July 23, 2007, and the results along with the data validation report are provided in Appendix C. All activities were completed within the original boundary of the pond, and no other material was removed from the pond. In addition, the earthen berm around the perimeter of the pond was raised approximately 3 feet to eliminate surface water runoff into the pond during rain events.

On October 2, 2007, TolTest began removal of the stockpiled sediment from the pond and transport by Beelman Trucking and Guardner Trucking to the Environmental Quality Company's Michigan Disposal

Waste Treatment Plant in Belleville, Michigan, for treatment. From October 2 through 5, 2007, approximately 752 tons of soil and sediment were removed from the pond. All documentation regarding waste disposal is provided in Appendix B.

To provide information on any residual VOC contamination in the pond after excavation activities were completed, Tetra Tech collected an initial series of 13 confirmation soil samples on October 3, 2007, from the excavated walls of the pond. These samples were spaced approximately every 20 feet around perimeter of the pond. A portion of each sample was analyzed in the field utilizing a Color-tec field analysis kit for TCE, and the remainder of the sample was shipped to a fixed-base laboratory for VOC analysis. TolTest utilized the excavator bucket to grab soil from the sample location midway up the wall of the pond and then the sample was collected from the middle of the bucket to ensure that the sample was representative of the remaining soil at a specific location. On October 4, three additional samples were collected along the southern end of the pond excavation in areas where the soil appeared darker than surrounding soil and where field analysis indicated the highest concentrations of TCE. Appendix D contains the fixed-base laboratory confirmation results along with the data validation report.

2.6 CONFIRMATION SAMPLE RESULTS

As indicated in Section 2.5, 13 samples (08SSW001 through 013) were initially collected from the walls of the pond excavation (see Figure 2-1). Based on the Color-tec field analysis, TCE was not detected in seven of those samples (08SSW002, 005, 006, 007, 008, 010, and 012). The remaining six samples had Color-tec field analysis concentrations less than 7.5 ppm. Three additional samples (08SSW014 through 016) were collected along the southern wall of the pond. The field analysis TCE concentration in sample 08SSW014 was 0.3 ppm; greater than 100 ppm in sample 08SSW015; and non-detect in sample 08SSW016. Color-tec field analysis results can be found on the soil sample log sheets located in Appendix E. See Figure 2-1 for all sample locations. Based on the elevated field results at location 08SSW015, the Navy directed the EMAC to remove additional soil (approximately 100 tons) from that area of the pond.

Upon completion of site activities, Tetra Tech collected six additional confirmation samples on November 12, 2007, from the areas used for support during the remedial activities. This included samples from the tank storage area, decontamination area, and gravel construction entrance used by excavation equipment and trucks. The sample results are provided in Appendix D along with the data validation report.

2.7 OFF-SITE DISPOSAL

Off-site transportation of the 852 tons of soil and sediment was completed by Beelman Trucking and Guardner Trucking. The waste was taken to the Environmental Quality Company's Michigan Disposal Waste Treatment Plant for solidification and subsequent treatment. All waste manifests and disposal certifications are provided in Appendix B.

2.8 SITE RESTORATION

Upon completion of remediation activities, the excavation area was backfilled to a grade consistent with the surrounding area and graded with a slight slope towards the eastern drainage ditch for drainage purposes. The backfill soil was obtained from an on-site borrow source and complied with the analytical and physical requirements as described in the IMWP (Tetra Tech, 2006a). To accommodate future use as a parking and storage lot, gravel was placed over the area to a depth of 8 inches. Vegetated areas were restored by grading the site, seeding, and then covering with straw to retain moisture and promote seed germination. Larger stones were placed in the transition area between the former pond and the existing eastern drainage ditch to minimize erosion.

2.9 FIELD DOCUMENTATION

Appendix F contains the daily activity logs.

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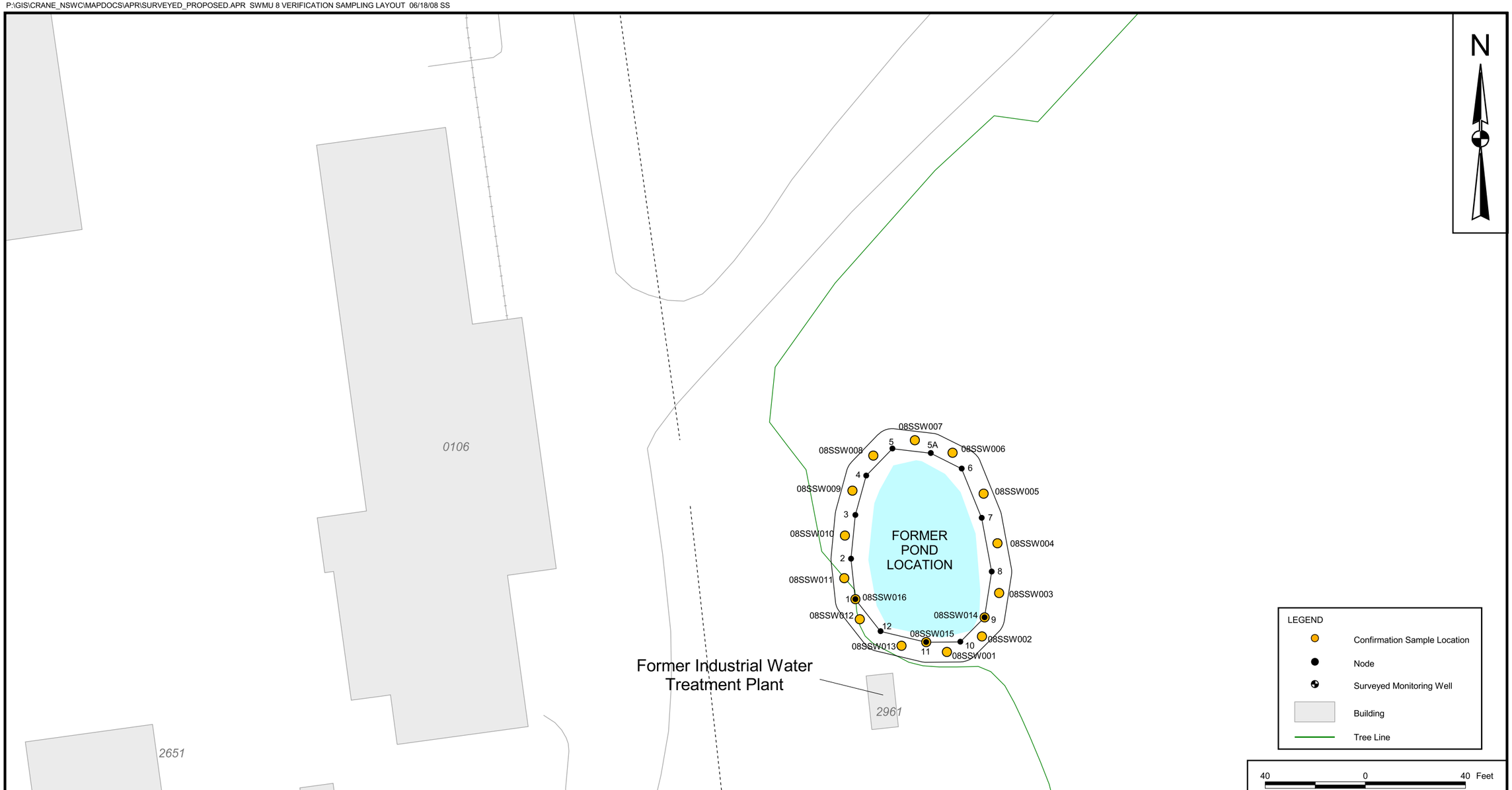

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SWMU 8 CONFIRMATION SAMPLING LOCATIONS
INTERIM MEASURES REPORT
NSWC CRANE
CRANE, INDIANA

CONTRACT NUMBER CTO 0020

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3.0 CONCLUSIONS

This IM Report summarizes the work performed at NSWC Crane, SWMU 8, by TolTest (EMAC contractor) and the confirmation sampling conducted by Tetra Tech.

Confirmation samples were collected by Tetra Tech around the perimeter walls of the excavation after the soil and sediment had been removed by TolTest. A portion of each sample was analyzed in the field via a Color-tec analysis kit and the remaining sample was sent to a fixed-base laboratory for VOC analysis. The results of the Color-tec field analysis can be found on the respective field sample log (Appendix E) and the fixed-base laboratory confirmation results are presented in Appendix D.

Upon completion of the interim remediation activities at the Building 106 Pond, six verification samples (08SSC001 through -006) were collected from below the footprints of the materials storage area, water treatment area, and the temporary access areas. The samples were collected to verify that no VOC contamination was spread beyond the identified excavation areas. The samples were shipped to a fixed-base laboratory for VOC analysis. All six samples were reported as non-detects and the analytical results are presented in Appendix D.

The results of the analytical data presented in Appendix D demonstrate that the soil and sediment excavation and removal conducted during the interim remedial action was successful in removing the major source of TCE contamination at the Building 106 Pond.

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Tetra Tech, 2006c. Resource Conservation and Recovery Act Facility Investigation Report Building 106 Pond (SWMU 8), Naval Surface Warfare Center, Crane, Indiana, March.

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USEPA (United States Environmental Protection Agency), 1986. RCRA Facility Assessment Guidance, OSWER Directive 9502.00-95.

APPENDIX A

SITE PHOTOGRAPHS

Clearing of Vegetation around the Building 106 Pond
(Looking NE)

Clearing of Vegetation around the Building 106 Pond
(Looking NW)

Temporary Staging of Baker Tanks within
Secondary Containment

Excavation Activities

Loading of Waste Material into Trucks

Large Rock placed along Eastern Drainage Channel

General View of the Area after Remediation and Regrading

View of Former Building 106 Pond

APPENDIX B

TOLTEST DRAFT COMPLETION REPORT (CD)

DRAFT COMPLETION REPORT

SEDIMENT REMOVAL & DISPOSAL
SWMU 8, BUILDING 106 POND
NSA CRANE, INDIANA

EMAC CONTRACT NO: N40083-05-D-4015, FC10
LES/TOLTEST JV Project No. 21188.01

PREPARED FOR

Naval Facilities Engineering Command Midwest
Officer in Charge of Construction
Naval Support Activity Crane
300 Highway 361
Crane, Indiana 47522

Submitted by:

508 West Elnora Street
Odon, Indiana 47562
(812) 636-8501
FAX (812) 636-7572

February 2008

DRAFT COMPLETION REPORT

SEDIMENT REMOVAL & DISPOSAL
SWMU 8, BUILDING 106 POND
NSA CRANE, INDIANA

Submitted to:

Naval Facilities Engineering Command Midwest
Officer in Charge of Construction
Naval Support Activity Crane
300 Highway 361
Crane, Indiana 47522

LES/TOLTEST JV Project No. 21188.01
EMAC Contract No. N40083-05-D-4015, FC10

APPROVALS:

LES/TolTest JV Project Manager _____ 2/7/08
Gary Reside (Date)

LES Contracts Manager/
TolTest Regional Manager _____ 2/7/08
Lance Parsons (Date)

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2.0 PreMobilzation 2
3.0 Mobilization and Site Set-up 2
3.0 On-site Work Activities 2
Pond Dewatering & Water Treatment 2
Demolition 3
Sediment/Soil Excavation and Dewatering 3
Backfill 4

Appendix A ..... Analytical Sampling Results of Pond 106 Sediments
Appendix B ..... Analytical Sampling Results of Water Following Airstripping
Appendix C ..... Analytical Sampling Results of Pond 106 Side Walls
Appendix D ..... Waste Disposal Records
Appendix E ..... Photographs from Remedial Action

LIST OF ACRONYMS

AHA	Activity Hazard Analysis
CFR	Code of Federal Regulation
COC	Contaminants of Concern
COR	Contracting Officer's Representative
EMAC	Environmental Multiple Award Contract
EPA	Environmental Protection Agency
GPS	Global Positioning System
HASP	Health and Safety Plan
HEPA	High-Efficiency Particulate Air
H&SM	Health and Safety Manager
IDEM	Indiana Department of Environmental Management
LDPE	Low Density Polyethylene
NIOSH	National Institute of Occupational Safety and Health
NSA	Naval Support Activities
NAVFAC	Naval Facilities Engineering Command
OSHA	Occupational Safety and Health Administration
PCB	Polychlorinated Biphenyls
PPE	Personal Protective Equipment
SWMU	Solid Waste Management Unit
TAL	Target Analyte List
TCL	Target Compound List
TCLP	Toxic Characteristic Leaching Procedure
USACE	United States Army Corp of Engineers
VOC	Volatile Organic Compound
WP	Work Plan
WWTP	Wastewater Treatment Plant

PART I – COMPLETION REPORT

1.0 Introduction

LES/TolTest JV has prepared this Completion Report (CR) as documentation of the remedial actions taken at SWMU 8, Building 106 Pond. This remedial action was based upon the implementation of the Sediment Removal and Disposal Work Plan and Health and Safety Plan (No. 21188.01) at NSA Crane, Indiana. This CR is specific to the work activities that were implemented for selective excavation and disposal of soil, construction debris, and water from the Building 106 Pond (Figure 1-1).

The following tasks were accomplished under the provisions of contract N40083-05-D-4015:

- Identification and location of utilities, as necessary, which may have been disrupted by project activities. LES/TolTest JV contacted the NSA Crane Public Works to ensure that site utilities were located and marked prior to initiation of site activities.
- Prior to the initiation of field activities, LES/TolTest JV erected temporary barriers marking the locations of excavation and demolition areas. LES/TolTest JV was responsible for maintaining site controls throughout the length of the project. These barriers were removed during demobilization.
- Surface water was pumped from the pond directly into Baker tanks. Suspended solids contained within the water were removed by use of filter socks attached to the discharge end of the hose.
- The water from the pond was treated utilizing a skid mounted filtration/air stripper to remove the volatile organic contaminants which were the principal contaminants of concern (COC). The filtration/air stripper treatment achieved compliance with the discharge criteria of 30 parts per billion for trichloroethylene. Following treatment, the water was pumped to a second set of Baker tanks for storage. Each tank was then sampled and characterized to determine disposal options. The treated water was sampled for volatile organic compounds (VOCs) in accordance with SW846 1311/8260B, semi-volatile organic compounds (SVOCs) in accordance with SW846 1311/8270C, and total metals in accordance with SW846 6010B/7471A. Following assurance that the water would meet the discharge criteria, the water was transported to the NSA Crane Wastewater Treatment Plant (WWTP) for additional treatment and eventual release.
- Following dewatering, sediments and soil were tested for TCL Volatiles in accordance with (SW846 5035/8260B), TCL SVOC in accordance with (SW846 8270C), and TAL Metals in accordance with (SW846 6010B/7471A). LES/TolTest JV's analysis of the sediments/soils indicated levels of contamination consistent with D043 and F001-Listed hazardous waste, instead of the predicted non-hazardous levels. LES/TolTest responded with a plan to excavate, load, and transport the soils directly to the treatment facility; eliminating the extra step of stockpiling the soils. LES/TolTest JV prepared the required waste profiles and manifest documentation for signature by the authorized person from the NSA Crane Environmental Protection Office. LES/TolTest JV maintained copies of the manifest documentation for each load shipped.
- Care was taken to ensure that no soil left the work areas through tracking on vehicle tires. Equipment that was exposed to waste materials was decontaminated prior to egress from the site. Equipment and PPE underwent a thorough detergent wash to remove all visible contamination, followed by a series of rinses to ensure that all materials were properly clean. Large equipment was pressure washed and the wash water was collected and processed through the water treatment system.
- During field work, LES/TolTest JV was alert for conditions that warranted immediate or emergency action beyond that required throughout the course of a removal action. Types of conditions that may lead to such immediate or emergency action include, but are not limited to, threats of fire and/or explosion, direct contact with hazardous substances, or a continuing release of hazardous substances due to sources such as abandoned drums or other improperly disposed wastes. Upon discovery of such conditions, LES/TolTest JV was prepared to immediately stop project activity and notify the Contracting Officer Representative (COR).
- Field activities were conducted in accordance with Occupational Safety and Health Administration (OSHA) 29 Code of Federal Regulations (CFR) 1926, OSHA 29 CFR 1910, Environmental Protection Agency (EPA) 40 CFR 61 subpart M, and the United States Army Corps of Engineers (USACE) EM385-1-1.

- The former pond site and surrounding area, including the former Building 2961, was backfilled and graded to an elevation consistent with the proposed future land use as a parking area. The area was compacted and covered with gravel.

2.0 Pre-mobilization

On 11 October 2006, a Pre-Construction meeting was held with representatives of NSW Crane to discussion the clients expectations and any items requiring coordination with the Crane infrastructure (security, health & Safety, disposal of the treated wastewater, etc). At this meeting LES/TolTest JV provided the NSW Crane Project Manager with a copy of the Accident Prevention Plan and the Activity Hazards Analysis for this project for review and approval.

On 30 October 2006, LES/TolTest JV submitted the Draft Work Plan and Health & Safety Plan to NSW Crane for review and comment. Comments were received on both 2 November 2006 and on 8 February 2007. This gap was due to a decision by NSW Crane to delay the project mobilization to the Spring due to the anticipated cold weather issues associated with the handling and treatment of the water from Pond 106.

A Pre-Start Conference call was conducted between NSW Crane and LES/TolTest JV on 12 April to review the project requirements and expectations, Health and Safety requirements, and pre-treatment requirements for the wastewater.

3.0 Mobilization and Site Set-up

Upon authorization to commence work and approval of the WP, LES/TolTest JV mobilized to the project site on 16 April 2007. A preliminary visual safety assessment was conducted to identify any hazards or unusual conditions in the vicinity of the work area. General work areas were segregated as needed with caution tape and appropriate signage to delineate the work zones and to deter the intrusion of unauthorized personnel. The LES/TolTest JV Site Superintendent conducted and documented a safety meeting with on-site personnel prior to the commencement of work activities each day.

Trees and shrubs around the pond were initially cleared to the extent shown on Figure 4-1 of the Tetra Tech Work Plan and the fence was removed. Erosion and sediment control structures were established to prevent impact to the environment down gradient of the pond. These structures were maintained throughout the project and until establishment of vegetation had been successful.

A gravel construction entrance was placed to provide access to the work area and to minimize the amount of soil tracked off-site from the work site. Utilities were cleared through NSA Crane Public Works and electrical service was established. Areas for the water storage tanks, soils dewatering pad, and equipment decontamination pad were identified and work zones were established.

4.0 On-site Work Activities

Pond Dewatering & Water Treatment

On 24 April 2007 the air stripper was delivered to TolTest by the vendor and began installation at the site on 25 April 2007. Dewatering of the pond began on 2 May 2007. The content of the pond was pumped into two holding tanks and the sediments were filtered out of the water. The water was then passed through an air stripper to remove VOCs and the treated water was pumped to a second set of holding tanks.

To accomplish this, four 20,000 gallon steel storage tanks were delivered to the site on 23 and 24 April 2007 to contain the pond water. Initially two tanks held the untreated pond water and two tanks held the treated water after it had been processed through the filter/air stripper system. Once the entire pond had been drained and the water properly treated, only one influent tank was needed to contain water pumped from the pond following rain events. The second influent tank was clean and removed from the site.

All water storage tanks were placed in a containment area on a 60-mil Low Density Polyethylene (LDPE) geomembrane liner. The liner was placed over a perimeter berm to form a containment area capable of holding 20,000 gallons in the event one of the storage tanks failed.

The filter/air stripper system was a self contained, pre-plumbed, and pre-wired unit mounted on a skid. This system was placed in the containment berm along with the storage tanks. Water from the tanks was pumped at approximately 20 gallons per minute through the filters, then through the air stripper, and

finally into the second set of storage tanks. One filter remained on standby; ready to be put on-line when the first filter required changing.

A total of 126,000 gallons of water was treated during this remedial action. This total includes the initial water contained within the pond, groundwater which infiltrated into the pond during remedial actions and water from rain fall events which collected in the pond. Additionally, and water generated by decontamination of equipment was processed through the treatment system and discharged into the Crane Waste Water Treatment Plant.

Demolition

Water within Building 2961 – Former Treatment Plant was pumped into Pond 106 to be processed through the filter/air stripper system. Following the removal of water from the sump, materials such as electrical panels, mixers, conduits, grates, and the shelter structure were removed for salvage. The concrete vault, adjacent concrete pad, concrete headwall, and concrete cover were removed and disposed of off-site. Exposed conduits and pipes were sealed cut and capped with concrete below grade

Asbestos abatement activities commenced 23 April 2007 with the construction of a containment area around building 2961. The abatement included Class II removal of Category II non-friable materials contained in the transite roof. Transite waste was palletized, wrapped in two layers of 6 mil poly, and labeled for disposal. Each waste package exhibited the asbestos danger warning, the Department of Transportation Class 9 symbol, and a generator label. Waste packages were stored in an enclosed, demarcated, locked waste container and transported for disposal on 20 April 2007. Manifest documentation accompanied each load. Air monitoring included the collection of personal, excursion, and clearance samples in accordance with the National Institute of Occupational Safety and Health (NIOSH) 7400 method. Asbestos removal activities were performed in accordance with OSHA 29 CFR 1926, 1910, and EPA 40 CFR. LES/TolTest JV utilized only IDEM licensed asbestos abatement supervisors and workers.

Sediment/Soil Excavation and Dewatering

On 1 May 2007 a sediment sample was taken from the bottom of the pond by use of the onsite excavator and submitted for waste characterization analysis. The sediment sample was tested for VOCs, SVOCs and metals. Once the surface water had been removed from the pond, the remaining sediments were in a condition consistent with wet slurry. This slurry was deemed to be too wet to manipulate by conventional methods. Therefore, sawdust was added as a solidifying agent. The sediments were then formed into a mound within the center of the pond and allowed to dry while awaiting the results of the previous sampling event. All activities occurred within the original boundary of the pond and no waste was removed from the pond. An earthen berm was raised around the perimeter of the pond to eliminate surface water runoff into the pond following rain events

On 21 May 2007 the sediment was re-sampled to confirm the initial findings that the sediments contained concentrations of waste indicative of F001 and D043 hazardous constituents. The results from the 21 May sampling event, received on 20 June, confirmed the previous results. On 14 September 2007, samples were collected from the sediment for purposes of treatability testing to ensure acceptability of the waste at the disposal facility. During the time period of June and September 2007, disposal options were evaluated by NSW Crane.

LES/TolTest JV personnel pumped all the water currently contained within the excavation on 1 October, and prepared the site for the arrival of the waste haulers. This water was treated by onsite air stripping and, following confirmation sampling by LES/TolTest JV, transported to the Crane STP. On 2 October, excavation of the hazardous waste from the pond began with the waste transported by Beelman Trucking and Guardner Trucking to the Environmental Quality Company's Michigan Disposal Waste Treatment Plant for solidification. During the time period of the 2nd through the 5th, 751.96 tons of sediment was excavated from the pond by LES/TolTest JV. On 15 October 2007, LES/TolTest JV excavated approximately 100 tons of additional hazardous waste from locations which had shown elevated field results based upon Tetra Tech's sampling. This additional waste was stockpiled within the pond for subsequent transportation and disposal on 18 October by LES/TolTest JV's subcontractor, Applied Technology.

Based upon the analytical sampling conducted by Tetra Tech on 15 October, which indicated that the COC's were below industrial cleanup goals, NSA Crane directed LES/TolTest JV to contour the former

pond site to a gentle slope which would no longer hold water. On 22 October, NSA Crane provided a change order to modify the scope and task LES/TolTest JV with bringing the former pond to a level surface and create a parking area.

Samples of the area underlying the Baker tanks, the decontamination area, and the egress route for the waste was collected by Tetra Tech on 12 November 2007.

Backfill

The pond and surrounding area, including the former Building 2961, was backfilled to a grade consistent with the surrounding area with a slight slope for drainage purposes. To provide for use as a parking area, gravel was placed across the site to a depth of 8 inches. Backfill soil was obtained from an on-site borrow source and complied with the analytical and physical requirements set forth in the TtNUS Work Plan. Disturbed areas were restored by preparing the surface, seeding, fertilizing, and mulching.

APPENDIX A

Analytical Sampling Results of Pond 106 Sediments

SEVERN TRENT LABORATORIES, INC.

PRELIMINARY DATA SUMMARY

The results shown below may still require additional laboratory review and are subject to change. Actions taken based on these results are the responsibility of the data user.

Toltest, Inc.

Lot #: A7E020230 POND 106-CRANE IN **Date Reported:** 5/07/07

Client Sample ID: PD106WM5107

Sample #: 001 Date Sampled: 05/01/07 15:30 Date Received: 05/02/07 Matrix: SOLID

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD	
Trace Inductively Coupled Plasma (ICP) Metals					Reviewed
Arsenic	**5.2**	**3.6**	**mg/kg**	**SW846 6010B**	
Lead	**1020**	**1.1**	**mg/kg**	**SW846 6010B**	
Selenium	ND	1.8	mg/kg	SW846 6010B	
Thallium	ND	3.6	mg/kg	SW846 6010B	
Inductively Coupled Plasma (ICP) Metals					Reviewed
Silver	ND	3.6	mg/kg	SW846 6010B	
Aluminum	**8940**	**72.4**	**mg/kg**	**SW846 6010B**	
Barium	**339**	**72.4**	**mg/kg**	**SW846 6010B**	
Beryllium	ND	1.8	mg/kg	SW846 6010B	
Calcium	**38400**	**1810**	**mg/kg**	**SW846 6010B**	
Cadmium	**92.7**	**1.8**	**mg/kg**	**SW846 6010B**	
Cobalt	**20.6**	**18.1**	**mg/kg**	**SW846 6010B**	
Chromium	**933**	**3.6**	**mg/kg**	**SW846 6010B**	
Copper	**286**	**9.0**	**mg/kg**	**SW846 6010B**	
Iron	**51600**	**36.2**	**mg/kg**	**SW846 6010B**	
Potassium	**544 B**	**1810**	**mg/kg**	**SW846 6010B**	
Magnesium	**6690**	**1810**	**mg/kg**	**SW846 6010B**	
Manganese	**848**	**5.4**	**mg/kg**	**SW846 6010B**	
Sodium	**1650 B**	**1810**	**mg/kg**	**SW846 6010B**	
Nickel	**73.4**	**14.5**	**mg/kg**	**SW846 6010B**	
Antimony	ND	21.7	mg/kg	SW846 6010B	
Vanadium	**15.0 B**	**18.1**	**mg/kg**	**SW846 6010B**	
Zinc	**3160**	**7.2**	**mg/kg**	**SW846 6010B**	
Mercury in Solid Waste (Manual Cold-Vapor)					Reviewed
Mercury	**0.072 B**	**0.36**	**mg/kg**	**SW846 7471A**	

Results and reporting limits have been adjusted for dry weight.

B Estimated result. Result is less than RL.

Volatile Organics by GC/MS					Reviewed
Acetone	**93 J**	**95**	**ug/kg**	**SW846 8260B**	
Benzene	**4.4 J**	**24**	**ug/kg**	**SW846 8260B**	
Bromodichloromethane	ND	24	ug/kg	SW846 8260B	
Bromoform	ND	24	ug/kg	SW846 8260B	

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SEVERN TRENT LABORATORIES, INC.

PRELIMINARY DATA SUMMARY

The results shown below may still require additional laboratory review and are subject to change. Actions taken based on these results are the responsibility of the data user.

Toltest, Inc.

Lot #: A7E020230 POND 106-CRANE IN **Date Reported:** 5/07/07

Client Sample ID: PD106WM5107
Sample #: 001 Date Sampled: 05/01/07 15:30 Date Received: 05/02/07 Matrix: SOLID

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD	
Volatile Organics by GC/MS					Reviewed
Bromomethane	ND	24	ug/kg	SW846 8260B	
2-Butanone	ND	95	ug/kg	SW846 8260B	
Carbon disulfide	ND	24	ug/kg	SW846 8260B	
Carbon tetrachloride	ND	24	ug/kg	SW846 8260B	
Chlorobenzene	ND	24	ug/kg	SW846 8260B	
Dibromochloromethane	ND	24	ug/kg	SW846 8260B	
Chloroethane	**32**	**24**	**ug/kg**	**SW846 8260B**	
Chloroform	ND	24	ug/kg	SW846 8260B	
Chloromethane	ND	24	ug/kg	SW846 8260B	
Cyclohexane	**17 J**	**47**	**ug/kg**	**SW846 8260B**	
1,2-Dibromo-3-chloro-propane	ND	47	ug/kg	SW846 8260B	
1,2-Dibromoethane	ND	24	ug/kg	SW846 8260B	
1,2-Dichlorobenzene	ND	24	ug/kg	SW846 8260B	
1,3-Dichlorobenzene	ND	24	ug/kg	SW846 8260B	
1,4-Dichlorobenzene	ND	24	ug/kg	SW846 8260B	
Dichlorodifluoromethane	ND	24	ug/kg	SW846 8260B	
1,1-Dichloroethane	**11 J**	**24**	**ug/kg**	**SW846 8260B**	
1,2-Dichloroethane	ND	24	ug/kg	SW846 8260B	
cis-1,2-Dichloroethene	**210**	**24**	**ug/kg**	**SW846 8260B**	
trans-1,2-Dichloroethene	**13 J**	**24**	**ug/kg**	**SW846 8260B**	
1,1-Dichloroethene	**2.9 J**	**24**	**ug/kg**	**SW846 8260B**	
1,2-Dichloropropane	ND	24	ug/kg	SW846 8260B	
cis-1,3-Dichloropropene	ND	24	ug/kg	SW846 8260B	
trans-1,3-Dichloropropene	ND	24	ug/kg	SW846 8260B	
Ethylbenzene	**110**	**24**	**ug/kg**	**SW846 8260B**	
2-Hexanone	ND	95	ug/kg	SW846 8260B	
Isopropylbenzene	**13 J**	**24**	**ug/kg**	**SW846 8260B**	
Methyl acetate	ND	47	ug/kg	SW846 8260B	
Methylcyclohexane	**67**	**47**	**ug/kg**	**SW846 8260B**	
Methylene chloride	ND	24	ug/kg	SW846 8260B	
4-Methyl-2-pentanone	ND	95	ug/kg	SW846 8260B	
Methyl tert-butyl ether	ND	95	ug/kg	SW846 8260B	
Styrene	ND	24	ug/kg	SW846 8260B	
1,1,2,2-Tetrachloroethane	ND	24	ug/kg	SW846 8260B	
Tetrachloroethene	**6.5 J**	**24**	**ug/kg**	**SW846 8260B**	
Toluene	**89**	**24**	**ug/kg**	**SW846 8260B**	

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SEVERN TRENT LABORATORIES, INC.

PRELIMINARY DATA SUMMARY

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Toltest, Inc.

Lot #: A7E020230 POND 106-CRANE IN **Date Reported:** 5/07/07

Client Sample ID: PD106WM5107
Sample #: 001 Date Sampled: 05/01/07 15:30 Date Received: 05/02/07 Matrix: SOLID

Volatile Organics by GC/MS — Reviewed

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD
1,2,4-Trichloro-benzene	ND	24	ug/kg	SW846 8260B
1,1,1-Trichloroethane	ND	24	ug/kg	SW846 8260B
1,1,2-Trichloroethane	ND	24	ug/kg	SW846 8260B
Trichloroethene	**25**	**24**	**ug/kg**	**SW846 8260B**
Trichlorofluoromethane	ND	24	ug/kg	SW846 8260B
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	24	ug/kg	SW846 8260B
Vinyl chloride	**14 J**	**24**	**ug/kg**	**SW846 8260B**
Xylenes (total)	**600**	**47**	**ug/kg**	**SW846 8260B**

Results and reporting limits have been adjusted for dry weight.

J Estimated result. Result is less than RL.

Semivolatile Organic Compounds by GC/MS — Reviewed

Acenaphthene	ND	6000	ug/kg	SW846 8270C
Acenaphthylene	ND	6000	ug/kg	SW846 8270C
Acetophenone	ND	1200	ug/kg	SW846 8270C
Anthracene	ND	6000	ug/kg	SW846 8270C
Atrazine	ND	6000	ug/kg	SW846 8270C
Benzo(a)anthracene	ND	6000	ug/kg	SW846 8270C
Benzo(a)pyrene	ND	6000	ug/kg	SW846 8270C
Benzo(b)fluoranthene	ND	6000	ug/kg	SW846 8270C
Benzo(ghi)perylene	ND	6000	ug/kg	SW846 8270C
Benzo(k)fluoranthene	ND	6000	ug/kg	SW846 8270C
Benzaldehyde	ND	6000	ug/kg	SW846 8270C
1,1'-Biphenyl	ND	6000	ug/kg	SW846 8270C
bis(2-Chloroethoxy) methane	ND	6000	ug/kg	SW846 8270C
bis(2-Chloroethyl)-ether	ND	6000	ug/kg	SW846 8270C
bis(2-Ethylhexyl) phthalate	**2000 J**	**6000**	**ug/kg**	**SW846 8270C**
4-Bromophenyl phenyl ether	ND	6000	ug/kg	SW846 8270C
Butyl benzyl phthalate	ND	6000	ug/kg	SW846 8270C

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SEVERN TRENT LABORATORIES, INC.

PRELIMINARY DATA SUMMARY

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Toltest, Inc.

Lot #: A7E020230 POND 106-CRANE IN **Date Reported:** 5/07/07

Client Sample ID: PD106WM5107

Sample #: 001 Date Sampled: 05/01/07 15:30 Date Received: 05/02/07 Matrix: SOLID

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD	
Semivolatile Organic Compounds by GC/MS					Reviewed
Caprolactam	ND	6000	ug/kg	SW846 8270C	
Carbazole	ND	6000	ug/kg	SW846 8270C	
4-Chloroaniline	ND	6000	ug/kg	SW846 8270C	
4-Chloro-3-methylphenol	ND	6000	ug/kg	SW846 8270C	
2-Chloronaphthalene	ND	6000	ug/kg	SW846 8270C	
2-Chlorophenol	ND	6000	ug/kg	SW846 8270C	
4-Chlorophenyl phenyl ether	ND	6000	ug/kg	SW846 8270C	
Chrysene	ND	6000	ug/kg	SW846 8270C	
Dibenz(a,h)anthracene	ND	6000	ug/kg	SW846 8270C	
Dibenzofuran	ND	6000	ug/kg	SW846 8270C	
3,3'-Dichlorobenzidine	ND	29000	ug/kg	SW846 8270C	
2,4-Dichlorophenol	ND	6000	ug/kg	SW846 8270C	
Diethyl phthalate	ND	6000	ug/kg	SW846 8270C	
2,4-Dimethylphenol	ND	6000	ug/kg	SW846 8270C	
Dimethyl phthalate	ND	6000	ug/kg	SW846 8270C	
Di-n-butyl phthalate	ND	6000	ug/kg	SW846 8270C	
4,6-Dinitro-2-methylphenol	ND	29000	ug/kg	SW846 8270C	
2,4-Dinitrophenol	ND	29000	ug/kg	SW846 8270C	
2,4-Dinitrotoluene	ND	6000	ug/kg	SW846 8270C	
2,6-Dinitrotoluene	ND	6000	ug/kg	SW846 8270C	
Di-n-octyl phthalate	ND	6000	ug/kg	SW846 8270C	
Fluoranthene	ND	6000	ug/kg	SW846 8270C	
Fluorene	ND	6000	ug/kg	SW846 8270C	
Hexachlorobenzene	ND	6000	ug/kg	SW846 8270C	
Hexachlorobutadiene	ND	6000	ug/kg	SW846 8270C	
Hexachlorocyclopenta-diene	ND	29000	ug/kg	SW846 8270C	
Hexachloroethane	ND	6000	ug/kg	SW846 8270C	
Indeno(1,2,3-cd)pyrene	ND	6000	ug/kg	SW846 8270C	
Isophorone	ND	6000	ug/kg	SW846 8270C	
2-Methylnaphthalene	ND	6000	ug/kg	SW846 8270C	
2-Methylphenol	ND	6000	ug/kg	SW846 8270C	
4-Methylphenol	ND	6000	ug/kg	SW846 8270C	
Naphthalene	ND	6000	ug/kg	SW846 8270C	
2-Nitroaniline	ND	29000	ug/kg	SW846 8270C	

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SEVERN TRENT LABORATORIES, INC.

PRELIMINARY DATA SUMMARY

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Toltest, Inc.

Lot #: A7E020230 POND 106-CRANE IN **Date Reported:** 5/07/07

Client Sample ID: PD106WM5107
Sample #: 001 Date Sampled: 05/01/07 15:30 Date Received: 05/02/07 Matrix: SOLID

Semivolatile Organic Compounds by GC/MS — Reviewed

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD
3-Nitroaniline	ND	29000	ug/kg	SW846 8270C
4-Nitroaniline	ND	29000	ug/kg	SW846 8270C
Nitrobenzene	ND	6000	ug/kg	SW846 8270C
2-Nitrophenol	ND	6000	ug/kg	SW846 8270C
4-Nitrophenol	ND	29000	ug/kg	SW846 8270C
N-Nitrosodi-n-propyl-amine	ND	6000	ug/kg	SW846 8270C
N-Nitrosodiphenylamine	ND	6000	ug/kg	SW846 8270C
2,2'-oxybis(1-Chloropropane)	ND	6000	ug/kg	SW846 8270C
Pentachlorophenol	ND	6000	ug/kg	SW846 8270C
Phenanthrene	**860 J**	**6000**	**ug/kg**	**SW846 8270C**
Phenol	ND	6000	ug/kg	SW846 8270C
Pyrene	ND	6000	ug/kg	SW846 8270C
2,4,5-Trichloro-phenol	ND	6000	ug/kg	SW846 8270C
2,4,6-Trichloro-phenol	ND	6000	ug/kg	SW846 8270C

Results and reporting limits have been adjusted for dry weight.

J Estimated result. Result is less than RL.

Inorganic Analysis — Reviewed

Total Residue as Percent Solids	**27.6**	**10.0**	**%**	**MCAWW 160.3 MOD**

Client Sample ID: TRIP BLANK
Sample #: 002 Date Sampled: 05/01/07 15:30 Date Received: 05/02/07 Matrix: WATER

Volatile Organics by GC/MS — Reviewed

Acetone	**0.93 J**	**10**	**ug/L**	**SW846 8260B**
Benzene	ND	1.0	ug/L	SW846 8260B
Bromodichloromethane	ND	1.0	ug/L	SW846 8260B
Bromoform	ND	1.0	ug/L	SW846 8260B
Bromomethane	ND	1.0	ug/L	SW846 8260B
2-Butanone	ND	10	ug/L	SW846 8260B

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SEVERN TRENT LABORATORIES, INC.

PRELIMINARY DATA SUMMARY

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Toltest, Inc.

Lot #: A7E020230 POND 106-CRANE IN **Date Reported:** 5/07/07

Client Sample ID: TRIP BLANK
Sample #: 002 Date Sampled: 05/01/07 15:30 Date Received: 05/02/07 Matrix: WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD	
Volatile Organics by GC/MS					Reviewed
Carbon disulfide	ND	1.0	ug/L	SW846 8260B	
Carbon tetrachloride	ND	1.0	ug/L	SW846 8260B	
Chlorobenzene	ND	1.0	ug/L	SW846 8260B	
Chloroethane	ND	1.0	ug/L	SW846 8260B	
Chloroform	ND	1.0	ug/L	SW846 8260B	
Chloromethane	ND	1.0	ug/L	SW846 8260B	
Cyclohexane	ND	1.0	ug/L	SW846 8260B	
Dibromochloromethane	ND	1.0	ug/L	SW846 8260B	
1,2-Dibromo-3-chloro-propane	ND	2.0	ug/L	SW846 8260B	
1,2-Dibromoethane	ND	1.0	ug/L	SW846 8260B	
1,2-Dichlorobenzene	ND	1.0	ug/L	SW846 8260B	
1,3-Dichlorobenzene	ND	1.0	ug/L	SW846 8260B	
1,4-Dichlorobenzene	ND	1.0	ug/L	SW846 8260B	
Dichlorodifluoromethane	ND	1.0	ug/L	SW846 8260B	
1,1-Dichloroethane	ND	1.0	ug/L	SW846 8260B	
1,2-Dichloroethane	ND	1.0	ug/L	SW846 8260B	
1,1-Dichloroethene	ND	1.0	ug/L	SW846 8260B	
cis-1,2-Dichloroethene	ND	1.0	ug/L	SW846 8260B	
trans-1,2-Dichloroethene	ND	1.0	ug/L	SW846 8260B	
1,2-Dichloropropane	ND	1.0	ug/L	SW846 8260B	
cis-1,3-Dichloropropene	ND	1.0	ug/L	SW846 8260B	
trans-1,3-Dichloropropene	ND	1.0	ug/L	SW846 8260B	
Ethylbenzene	ND	1.0	ug/L	SW846 8260B	
2-Hexanone	ND	10	ug/L	SW846 8260B	
Isopropylbenzene	ND	1.0	ug/L	SW846 8260B	
Methyl acetate	ND	10	ug/L	SW846 8260B	
Methylene chloride	**0.24 J**	**1.0**	**ug/L**	**SW846 8260B**	
Methylcyclohexane	ND	1.0	ug/L	SW846 8260B	
4-Methyl-2-pentanone	ND	10	ug/L	SW846 8260B	
Methyl tert-butyl ether	ND	5.0	ug/L	SW846 8260B	
Styrene	ND	1.0	ug/L	SW846 8260B	
1,1,2,2-Tetrachloroethane	ND	1.0	ug/L	SW846 8260B	
Tetrachloroethene	ND	1.0	ug/L	SW846 8260B	
Toluene	ND	1.0	ug/L	SW846 8260B	
1,2,4-Trichloro-benzene	ND	1.0	ug/L	SW846 8260B	

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SEVERN TRENT LABORATORIES, INC.

PRELIMINARY DATA SUMMARY

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Toltest, Inc.

Lot #: A7E020230 POND 106-CRANE IN **Date Reported:** 5/07/07

Client Sample ID: TRIP BLANK

Sample #: 002 Date Sampled: 05/01/07 15:30 Date Received: 05/02/07 Matrix: WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD	
Volatile Organics by GC/MS					Reviewed
1,1,1-Trichloroethane	ND	1.0	ug/L	SW846 8260B	
1,1,2-Trichloroethane	ND	1.0	ug/L	SW846 8260B	
Trichloroethene	ND	1.0	ug/L	SW846 8260B	
Trichlorofluoromethane	ND	1.0	ug/L	SW846 8260B	
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	1.0	ug/L	SW846 8260B	
Vinyl chloride	ND	1.0	ug/L	SW846 8260B	
Xylenes (total)	ND	2.0	ug/L	SW846 8260B	

J Estimated result. Result is less than RL.

SEVERN TRENT LABORATORIES, INC.

PRELIMINARY DATA SUMMARY

The results shown below may still require additional laboratory review and are subject to change. Actions taken based on these results are the responsibility of the data user.

Toltest, Inc. PAGE 1

Lot #: A7E230304 POND 106 - CRANE,IN **Date Reported:** 5/31/07

Client Sample ID: PD106WM5-22-07

Sample #: 001 Date Sampled: 05/22/07 07:00 Date Received: 05/23/07 Matrix: SOLID

PARAMETER		RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD	
Trace Inductively Coupled Plasma (ICP) Metals						Reviewed
Arsenic		**10.3**	**1.5**	**mg/kg**	**SW846 6010B**	
Lead		**229**	**0.45**	**mg/kg**	**SW846 6010B**	
Selenium		ND	0.75	mg/kg	SW846 6010B	
Thallium		**1.1 B**	**1.5**	**mg/kg**	**SW846 6010B**	
Inductively Coupled Plasma (ICP) Metals						Reviewed
Silver		ND	1.5	mg/kg	SW846 6010B	
Aluminum		**8110**	**30.1**	**mg/kg**	**SW846 6010B**	
Barium		**71.6**	**30.1**	**mg/kg**	**SW846 6010B**	
Beryllium		**0.28 B**	**0.75**	**mg/kg**	**SW846 6010B**	
Calcium		**141000**	**3770**	**mg/kg**	**SW846 6010B**	
Cadmium		**6.6**	**0.75**	**mg/kg**	**SW846 6010B**	
Cobalt		**8.5**	**7.5**	**mg/kg**	**SW846 6010B**	
Chromium		**72.1**	**1.5**	**mg/kg**	**SW846 6010B**	
Copper		**30.6**	**3.8**	**mg/kg**	**SW846 6010B**	
Iron		**19700**	**15.1**	**mg/kg**	**SW846 6010B**	
Potassium		**955**	**753**	**mg/kg**	**SW846 6010B**	
Magnesium		**8330**	**753**	**mg/kg**	**SW846 6010B**	
Manganese		**402**	**2.3**	**mg/kg**	**SW846 6010B**	
Sodium		**340 B**	**753**	**mg/kg**	**SW846 6010B**	
Nickel		**15.9**	**6.0**	**mg/kg**	**SW846 6010B**	
Antimony		**1.7 B**	**9.0**	**mg/kg**	**SW846 6010B**	
Vanadium		**26.1**	**7.5**	**mg/kg**	**SW846 6010B**	
Zinc		**291**	**3.0**	**mg/kg**	**SW846 6010B**	
Mercury in Liquid Waste (Manual Cold-Vapor) TCLP						Reviewed
Mercury	TCLP	ND	0.0020	mg/L	SW846 7470A	
Mercury in Solid Waste (Manual Cold-Vapor)						Reviewed
Mercury		**0.19**	**0.15**	**mg/kg**	**SW846 7471A**	
Inductively Coupled Plasma (ICP) Metals TCLP						Reviewed
Silver	TCLP	ND	0.50	mg/L	SW846 6010B	
Arsenic	TCLP	ND	0.50	mg/L	SW846 6010B	
Barium	**TCLP**	**0.77 B**	**10.0**	**mg/L**	**SW846 6010B**	

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SEVERN TRENT LABORATORIES, INC.

PRELIMINARY DATA SUMMARY

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Toltest, Inc.

Lot #: A7E230304 POND 106 - CRANE,IN **Date Reported:** 5/31/07

Client Sample ID: PD106WM5-22-07

Sample #: 001 Date Sampled: 05/22/07 07:00 Date Received: 05/23/07 Matrix: SOLID

PARAMETER		RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD
Cadmium	**TCLP**	**0.069 B**	**0.10**	**mg/L**	**SW846 6010B**
Chromium	**TCLP**	**0.0089 B**	**0.50**	**mg/L**	**SW846 6010B**
Lead	**TCLP**	**0.14 B**	**0.50**	**mg/L**	**SW846 6010B**
Selenium	**TCLP**	**0.0062 B**	**0.25**	**mg/L**	**SW846 6010B**

Results and reporting limits have been adjusted for dry weight.

B Estimated result. Result is less than RL.

Organochlorine Pesticides TCLP — Reviewed

Chlordane (technical)	ND	0.0050	mg/L	SW846 8081A
Endrin	ND	0.00050	mg/L	SW846 8081A
Heptachlor	ND	0.00050	mg/L	SW846 8081A
Heptachlor epoxide	ND	0.00050	mg/L	SW846 8081A
Lindane	ND	0.00050	mg/L	SW846 8081A
Methoxychlor	ND	0.0010	mg/L	SW846 8081A
Toxaphene	ND	0.020	mg/L	SW846 8081A

PCBs by SW-846 8082 — Reviewed

Aroclor 1016	ND	250	ug/kg	SW846 8082
Aroclor 1221	ND	250	ug/kg	SW846 8082
Aroclor 1232	ND	250	ug/kg	SW846 8082
Aroclor 1242	ND	250	ug/kg	SW846 8082
Aroclor 1248	ND	250	ug/kg	SW846 8082
Aroclor 1254	ND	250	ug/kg	SW846 8082
Aroclor 1260	ND	250	ug/kg	SW846 8082

Results and reporting limits have been adjusted for dry weight.

Elevated reporting limits. The reporting limits are elevated due to matrix interference.

Chlorinated Herbicides by GC TCLP — Reviewed

2,4-D	ND	0.50	mg/L	SW846 8151A
2,4,5-TP (Silvex)	ND	0.10	mg/L	SW846 8151A

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SEVERN TRENT LABORATORIES, INC.

PRELIMINARY DATA SUMMARY

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Toltest, Inc.

Lot #: A7E230304 POND 106 - CRANE,IN **Date Reported:** 5/31/07

Client Sample ID: PD106WM5-22-07
Sample #: 001 Date Sampled: 05/22/07 07:00 Date Received: 05/23/07 Matrix: SOLID

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD	
Volatile Organics by GC/MS					Reviewed
Acetone	**1100 J**	**7400**	**ug/kg**	**SW846 8260B**	
Benzene	ND	1900	ug/kg	SW846 8260B	
Bromodichloromethane	ND	1900	ug/kg	SW846 8260B	
Bromoform	ND	1900	ug/kg	SW846 8260B	
Bromomethane	ND	1900	ug/kg	SW846 8260B	
2-Butanone	ND	7400	ug/kg	SW846 8260B	
Carbon disulfide	ND	1900	ug/kg	SW846 8260B	
Carbon tetrachloride	ND	1900	ug/kg	SW846 8260B	
Chlorobenzene	ND	1900	ug/kg	SW846 8260B	
Dibromochloromethane	ND	1900	ug/kg	SW846 8260B	
1,2-Dibromo-3-chloro-propane	ND	3700	ug/kg	SW846 8260B	
Chloroethane	ND	1900	ug/kg	SW846 8260B	
Chloroform	ND	1900	ug/kg	SW846 8260B	
Chloromethane	ND	1900	ug/kg	SW846 8260B	
Cyclohexane	ND	3700	ug/kg	SW846 8260B	
1,2-Dibromoethane	ND	1900	ug/kg	SW846 8260B	
1,2-Dichlorobenzene	ND	1900	ug/kg	SW846 8260B	
1,3-Dichlorobenzene	ND	1900	ug/kg	SW846 8260B	
1,4-Dichlorobenzene	ND	1900	ug/kg	SW846 8260B	
Dichlorodifluoromethane	ND	1900	ug/kg	SW846 8260B	
1,1-Dichloroethane	**570 J**	**1900**	**ug/kg**	**SW846 8260B**	
1,2-Dichloroethane	ND	1900	ug/kg	SW846 8260B	
1,1-Dichloroethene	**1300 J**	**1900**	**ug/kg**	**SW846 8260B**	
cis-1,2-Dichloroethene	**4600**	**1900**	**ug/kg**	**SW846 8260B**	
trans-1,2-Dichloroethene	ND	1900	ug/kg	SW846 8260B	
1,2-Dichloropropane	ND	1900	ug/kg	SW846 8260B	
cis-1,3-Dichloropropene	ND	1900	ug/kg	SW846 8260B	
trans-1,3-Dichloropropene	ND	1900	ug/kg	SW846 8260B	
Ethylbenzene	ND	1900	ug/kg	SW846 8260B	
Trichlorofluoromethane	ND	1900	ug/kg	SW846 8260B	
2-Hexanone	ND	7400	ug/kg	SW846 8260B	
Isopropylbenzene	ND	1900	ug/kg	SW846 8260B	
Methyl acetate	ND	3700	ug/kg	SW846 8260B	
Methylcyclohexane	ND	3700	ug/kg	SW846 8260B	
Methylene chloride	ND	1900	ug/kg	SW846 8260B	

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SEVERN TRENT LABORATORIES, INC.

PRELIMINARY DATA SUMMARY

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Toltest, Inc.

Lot #: A7E230304 POND 106 - CRANE,IN **Date Reported:** 5/31/07

Client Sample ID: PD106WM5-22-07

Sample #: 001 Date Sampled: 05/22/07 07:00 Date Received: 05/23/07 Matrix: SOLID

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD	
Volatile Organics by GC/MS					Reviewed
4-Methyl-2-pentanone	ND	7400	ug/kg	SW846 8260B	
Styrene	ND	1900	ug/kg	SW846 8260B	
1,1,2,2-Tetrachloroethane	ND	1900	ug/kg	SW846 8260B	
Tetrachloroethene	ND	1900	ug/kg	SW846 8260B	
Toluene	**1000 J**	**1900**	**ug/kg**	**SW846 8260B**	
1,2,4-Trichloro-benzene	ND	1900	ug/kg	SW846 8260B	
1,1,1-Trichloroethane	**12000**	**1900**	**ug/kg**	**SW846 8260B**	
1,1,2-Trichloroethane	ND	1900	ug/kg	SW846 8260B	
Trichloroethene	**38000**	**1900**	**ug/kg**	**SW846 8260B**	
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	1900	ug/kg	SW846 8260B	
Vinyl chloride	ND	1900	ug/kg	SW846 8260B	
Xylenes (total)	ND	3700	ug/kg	SW846 8260B	
Methyl tert-butyl ether	ND	7400	ug/kg	SW846 8260B	

Results and reporting limits have been adjusted for dry weight.

J Estimated result. Result is less than RL.

Volatile Organics by GC/MS TCLP					Reviewed
Benzene	ND	0.025	mg/L	SW846 8260B	
2-Butanone (MEK)	ND	0.25	mg/L	SW846 8260B	
Carbon tetrachloride	ND	0.025	mg/L	SW846 8260B	
Chlorobenzene	ND	0.025	mg/L	SW846 8260B	
Chloroform	ND	0.025	mg/L	SW846 8260B	
1,2-Dichloroethane	ND	0.025	mg/L	SW846 8260B	
1,1-Dichloroethylene	ND	0.070	mg/L	SW846 8260B	
Tetrachloroethylene	ND	0.070	mg/L	SW846 8260B	
Trichloroethylene	**0.61**	**0.050**	**mg/L**	**SW846 8260B**	
Vinyl chloride	ND	0.025	mg/L	SW846 8260B	

Semivolatile Organic Compounds by GC/MS					Reviewed
Acenaphthene	ND	5000	ug/kg	SW846 8270C	
Acenaphthylene	**400 J**	**5000**	**ug/kg**	**SW846 8270C**	
Acetophenone	ND	1000	ug/kg	SW846 8270C	

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SEVERN TRENT LABORATORIES, INC.

PRELIMINARY DATA SUMMARY

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Toltest, Inc.

Lot #: A7E230304 POND 106 - CRANE,IN **Date Reported:** 5/31/07

Client Sample ID: PD106WM5-22-07

Sample #: 001 Date Sampled: 05/22/07 07:00 Date Received: 05/23/07 Matrix: SOLID

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD	
Semivolatile Organic Compounds by GC/MS					Reviewed
Anthracene	**250 J**	**5000**	**ug/kg**	**SW846 8270C**	
Atrazine	ND	5000	ug/kg	SW846 8270C	
Benzaldehyde	ND	5000	ug/kg	SW846 8270C	
Benzo(a)anthracene	**1100 J**	**5000**	**ug/kg**	**SW846 8270C**	
Benzo(b)fluoranthene	**1600 J**	**5000**	**ug/kg**	**SW846 8270C**	
Benzo(k)fluoranthene	**630 J**	**5000**	**ug/kg**	**SW846 8270C**	
Benzo(ghi)perylene	**1000 J**	**5000**	**ug/kg**	**SW846 8270C**	
Benzo(a)pyrene	**1300 J**	**5000**	**ug/kg**	**SW846 8270C**	
1,1'-Biphenyl	ND	5000	ug/kg	SW846 8270C	
bis(2-Chloroethoxy) methane	ND	5000	ug/kg	SW846 8270C	
bis(2-Chloroethyl)-ether	ND	5000	ug/kg	SW846 8270C	
bis(2-Ethylhexyl) phthalate	**1500 J**	**5000**	**ug/kg**	**SW846 8270C**	
4-Bromophenyl phenyl ether	ND	5000	ug/kg	SW846 8270C	
Butyl benzyl phthalate	ND	5000	ug/kg	SW846 8270C	
Caprolactam	ND	5000	ug/kg	SW846 8270C	
Carbazole	ND	5000	ug/kg	SW846 8270C	
4-Chloroaniline	ND	5000	ug/kg	SW846 8270C	
4-Chloro-3-methylphenol	ND	5000	ug/kg	SW846 8270C	
2-Chloronaphthalene	ND	5000	ug/kg	SW846 8270C	
2-Chlorophenol	ND	5000	ug/kg	SW846 8270C	
4-Chlorophenyl phenyl ether	ND	5000	ug/kg	SW846 8270C	
Chrysene	**1200 J**	**5000**	**ug/kg**	**SW846 8270C**	
Dibenz(a,h)anthracene	**230 J**	**5000**	**ug/kg**	**SW846 8270C**	
Dibenzofuran	ND	5000	ug/kg	SW846 8270C	
Di-n-butyl phthalate	ND	5000	ug/kg	SW846 8270C	
3,3'-Dichlorobenzidine	ND	24000	ug/kg	SW846 8270C	
2,4-Dichlorophenol	ND	5000	ug/kg	SW846 8270C	
Diethyl phthalate	ND	5000	ug/kg	SW846 8270C	
2,4-Dimethylphenol	ND	5000	ug/kg	SW846 8270C	
Dimethyl phthalate	ND	5000	ug/kg	SW846 8270C	
4,6-Dinitro-2-methylphenol	ND	24000	ug/kg	SW846 8270C	

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SEVERN TRENT LABORATORIES, INC.

PRELIMINARY DATA SUMMARY

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Toltest, Inc.

Lot #: A7E230304 POND 106 - CRANE,IN **Date Reported:** 5/31/07

Client Sample ID: PD106WM5-22-07

Sample #: 001 Date Sampled: 05/22/07 07:00 Date Received: 05/23/07 Matrix: SOLID

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD	
Semivolatile Organic Compounds by GC/MS					Reviewed
2,4-Dinitrophenol	ND	24000	ug/kg	SW846 8270C	
2,4-Dinitrotoluene	ND	5000	ug/kg	SW846 8270C	
2,6-Dinitrotoluene	ND	5000	ug/kg	SW846 8270C	
Di-n-octyl phthalate	ND	5000	ug/kg	SW846 8270C	
Fluoranthene	**1800 J**	**5000**	**ug/kg**	**SW846 8270C**	
Fluorene	ND	5000	ug/kg	SW846 8270C	
Hexachlorobenzene	ND	5000	ug/kg	SW846 8270C	
Hexachlorobutadiene	ND	5000	ug/kg	SW846 8270C	
Hexachlorocyclopenta-diene	ND	24000	ug/kg	SW846 8270C	
Hexachloroethane	ND	5000	ug/kg	SW846 8270C	
Indeno(1,2,3-cd)pyrene	**780 J**	**5000**	**ug/kg**	**SW846 8270C**	
Isophorone	ND	5000	ug/kg	SW846 8270C	
2-Methylnaphthalene	**190 J**	**5000**	**ug/kg**	**SW846 8270C**	
2-Methylphenol	ND	5000	ug/kg	SW846 8270C	
4-Methylphenol	ND	5000	ug/kg	SW846 8270C	
Naphthalene	**110 J**	**5000**	**ug/kg**	**SW846 8270C**	
2-Nitroaniline	ND	24000	ug/kg	SW846 8270C	
3-Nitroaniline	ND	24000	ug/kg	SW846 8270C	
4-Nitroaniline	ND	24000	ug/kg	SW846 8270C	
Nitrobenzene	ND	5000	ug/kg	SW846 8270C	
2-Nitrophenol	ND	5000	ug/kg	SW846 8270C	
4-Nitrophenol	ND	24000	ug/kg	SW846 8270C	
N-Nitrosodiphenylamine	ND	5000	ug/kg	SW846 8270C	
N-Nitrosodi-n-propyl-amine	ND	5000	ug/kg	SW846 8270C	
2,2'-oxybis(1-Chloropropane)	ND	5000	ug/kg	SW846 8270C	
Pentachlorophenol	ND	5000	ug/kg	SW846 8270C	
Phenanthrene	**910 J**	**5000**	**ug/kg**	**SW846 8270C**	
Phenol	ND	5000	ug/kg	SW846 8270C	
Pyrene	**1400 J**	**5000**	**ug/kg**	**SW846 8270C**	
2,4,5-Trichloro-phenol	ND	5000	ug/kg	SW846 8270C	
2,4,6-Trichloro-phenol	ND	5000	ug/kg	SW846 8270C	

Results and reporting limits have been adjusted for dry weight.

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SEVERN TRENT LABORATORIES, INC.

PRELIMINARY DATA SUMMARY

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Toltest, Inc.

Lot #: A7E230304 POND 106 - CRANE,IN **Date Reported:** 5/31/07

Client Sample ID: PD106WM5-22-07

Sample #: 001 Date Sampled: 05/22/07 07:00 Date Received: 05/23/07 Matrix: SOLID

Semivolatile Organic Compounds by GC/MS — Reviewed

J Estimated result. Result is less than RL.

Semivolatile Organic Compounds by GC/MS TCLP — Reviewed

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD
o-Cresol	ND	0.0040	mg/L	SW846 8270C
m-Cresol & p-Cresol	ND	0.040	mg/L	SW846 8270C
1,4-Dichlorobenzene	ND	0.0040	mg/L	SW846 8270C
2,4-Dinitrotoluene	ND	0.020	mg/L	SW846 8270C
Hexachlorobenzene	ND	0.020	mg/L	SW846 8270C
Hexachlorobutadiene	ND	0.020	mg/L	SW846 8270C
Hexachloroethane	ND	0.020	mg/L	SW846 8270C
Nitrobenzene	ND	0.0040	mg/L	SW846 8270C
Pentachlorophenol	ND	0.040	mg/L	SW846 8270C
Pyridine	ND	0.020	mg/L	SW846 8270C
2,4,5-Trichloro-phenol	ND	0.020	mg/L	SW846 8270C
2,4,6-Trichloro-phenol	ND	0.020	mg/L	SW846 8270C

Inorganic Analysis — Reviewed

Total Residue as Percent Solids	**66.4**	**10.0**	**%**	**MCAWW 160.3 MOD**

Client Sample ID: TRIP BLANK

Sample #: 002 Date Sampled: 05/22/07 07:00 Date Received: 05/23/07 Matrix: WATER

Volatile Organics by GC/MS — Reviewed

Acetone	**2.4 J**	**10**	**ug/L**	**SW846 8260B**
Benzene	ND	1.0	ug/L	SW846 8260B
Bromodichloromethane	ND	1.0	ug/L	SW846 8260B
Bromoform	ND	1.0	ug/L	SW846 8260B
Bromomethane	ND	1.0	ug/L	SW846 8260B
2-Butanone	ND	10	ug/L	SW846 8260B
Carbon disulfide	ND	1.0	ug/L	SW846 8260B

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SEVERN TRENT LABORATORIES, INC.

PRELIMINARY DATA SUMMARY

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Toltest, Inc.

Lot #: A7E230304 POND 106 - CRANE,IN **Date Reported:** 5/31/07

Client Sample ID: TRIP BLANK
Sample #: 002 Date Sampled: 05/22/07 07:00 Date Received: 05/23/07 Matrix: WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD	
Volatile Organics by GC/MS					Reviewed
Carbon tetrachloride	ND	1.0	ug/L	SW846 8260B	
Chlorobenzene	ND	1.0	ug/L	SW846 8260B	
Dibromochloromethane	ND	1.0	ug/L	SW846 8260B	
Chloroethane	ND	1.0	ug/L	SW846 8260B	
Chloroform	ND	1.0	ug/L	SW846 8260B	
Chloromethane	ND	1.0	ug/L	SW846 8260B	
Cyclohexane	ND	1.0	ug/L	SW846 8260B	
1,2-Dibromo-3-chloro-propane	ND	2.0	ug/L	SW846 8260B	
1,2-Dibromoethane	ND	1.0	ug/L	SW846 8260B	
1,2-Dichlorobenzene	ND	1.0	ug/L	SW846 8260B	
1,3-Dichlorobenzene	ND	1.0	ug/L	SW846 8260B	
1,4-Dichlorobenzene	ND	1.0	ug/L	SW846 8260B	
Dichlorodifluoromethane	ND	1.0	ug/L	SW846 8260B	
1,1-Dichloroethane	ND	1.0	ug/L	SW846 8260B	
1,2-Dichloroethane	ND	1.0	ug/L	SW846 8260B	
cis-1,2-Dichloroethene	ND	1.0	ug/L	SW846 8260B	
trans-1,2-Dichloroethene	ND	1.0	ug/L	SW846 8260B	
1,1-Dichloroethene	ND	1.0	ug/L	SW846 8260B	
1,2-Dichloropropane	ND	1.0	ug/L	SW846 8260B	
cis-1,3-Dichloropropene	ND	1.0	ug/L	SW846 8260B	
trans-1,3-Dichloropropene	ND	1.0	ug/L	SW846 8260B	
Ethylbenzene	ND	1.0	ug/L	SW846 8260B	
2-Hexanone	ND	10	ug/L	SW846 8260B	
Isopropylbenzene	ND	1.0	ug/L	SW846 8260B	
Methyl acetate	ND	10	ug/L	SW846 8260B	
Methylcyclohexane	ND	1.0	ug/L	SW846 8260B	
Methylene chloride	ND	1.0	ug/L	SW846 8260B	
4-Methyl-2-pentanone	ND	10	ug/L	SW846 8260B	
Methyl tert-butyl ether	ND	5.0	ug/L	SW846 8260B	
Styrene	ND	1.0	ug/L	SW846 8260B	
1,1,2,2-Tetrachloroethane	ND	1.0	ug/L	SW846 8260B	
Tetrachloroethene	ND	1.0	ug/L	SW846 8260B	
Toluene	ND	1.0	ug/L	SW846 8260B	
1,2,4-Trichloro-benzene	ND	1.0	ug/L	SW846 8260B	
1,1,1-Trichloroethane	ND	1.0	ug/L	SW846 8260B	

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SEVERN TRENT LABORATORIES, INC.

PRELIMINARY DATA SUMMARY

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Toltest, Inc.

Lot #: A7E230304 POND 106 - CRANE,IN **Date Reported:** 5/31/07

Client Sample ID: TRIP BLANK

Sample #: 002 Date Sampled: 05/22/07 07:00 Date Received: 05/23/07 Matrix: WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD	
Volatile Organics by GC/MS					Reviewed
1,1,2-Trichloroethane	ND	1.0	ug/L	SW846 8260B	
Trichloroethene	ND	1.0	ug/L	SW846 8260B	
Trichlorofluoromethane	ND	1.0	ug/L	SW846 8260B	
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	1.0	ug/L	SW846 8260B	
Vinyl chloride	ND	1.0	ug/L	SW846 8260B	
Xylenes (total)	ND	2.0	ug/L	SW846 8260B	

J Estimated result. Result is less than RL.

SEVERN TRENT LABORATORIES, INC.

PRELIMINARY DATA SUMMARY

The results shown below may still require additional laboratory review and are subject to change. Actions taken based on these results are the responsibility of the data user.

Toltest, Inc.

Lot #: A7F110189 POND 106 CRANE, IN **Date Reported:** 6/19/07

Client Sample ID: PD1066707

Sample #: 001 Date Sampled: 06/07/07 14:30 Date Received: 06/11/07 Matrix: SOLID

PARAMETER		RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD	
Trace Inductively Coupled Plasma (ICP) Metals						Reviewed
Arsenic		**3.7**	**1.5**	**mg/kg**	**SW846 6010B**	
Lead		**300**	**0.45**	**mg/kg**	**SW846 6010B**	
Selenium		ND	0.75	mg/kg	SW846 6010B	
Thallium		ND	1.5	mg/kg	SW846 6010B	
Inductively Coupled Plasma (ICP) Metals						Reviewed
Silver		ND	1.5	mg/kg	SW846 6010B	
Aluminum		**6100**	**30.0**	**mg/kg**	**SW846 6010B**	
Barium		**117**	**30.0**	**mg/kg**	**SW846 6010B**	
Beryllium		**0.056 B**	**0.75**	**mg/kg**	**SW846 6010B**	
Calcium		**8500**	**750**	**mg/kg**	**SW846 6010B**	
Cadmium		**32.9**	**0.75**	**mg/kg**	**SW846 6010B**	
Cobalt		**8.1**	**7.5**	**mg/kg**	**SW846 6010B**	
Chromium		**308**	**1.5**	**mg/kg**	**SW846 6010B**	
Copper		**90.6**	**3.7**	**mg/kg**	**SW846 6010B**	
Iron		**23300**	**15.0**	**mg/kg**	**SW846 6010B**	
Potassium		**396 B**	**750**	**mg/kg**	**SW846 6010B**	
Magnesium		**1820**	**750**	**mg/kg**	**SW846 6010B**	
Manganese		**275**	**2.2**	**mg/kg**	**SW846 6010B**	
Sodium		**667 B**	**750**	**mg/kg**	**SW846 6010B**	
Nickel		**27.0**	**6.0**	**mg/kg**	**SW846 6010B**	
Antimony		**0.77 B**	**9.0**	**mg/kg**	**SW846 6010B**	
Vanadium		**14.4**	**7.5**	**mg/kg**	**SW846 6010B**	
Zinc		**1060**	**3.0**	**mg/kg**	**SW846 6010B**	
Mercury in Liquid Waste (Manual Cold-Vapor) TCLP						Reviewed
Mercury	TCLP	ND	0.0020	mg/L	SW846 7470A	
Mercury in Solid Waste (Manual Cold-Vapor)						Reviewed
Mercury		**0.038 B**	**0.15**	**mg/kg**	**SW846 7471A**	
Inductively Coupled Plasma (ICP) Metals TCLP						Reviewed
Silver	TCLP	ND	0.50	mg/L	SW846 6010B	
Arsenic	**TCLP**	**0.0076 B**	**0.50**	**mg/L**	**SW846 6010B**	
Barium	**TCLP**	**1.1 B**	**10.0**	**mg/L**	**SW846 6010B**	

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SEVERN TRENT LABORATORIES, INC.

PRELIMINARY DATA SUMMARY

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Toltest, Inc.

Lot #: A7F110189 POND 106 CRANE, IN **Date Reported:** 6/19/07

Client Sample ID: PD1066707
Sample #: 001 Date Sampled: 06/07/07 14:30 Date Received: 06/11/07 Matrix: SOLID

PARAMETER		RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD
Cadmium	**TCLP**	**0.25**	**0.10**	**mg/L**	**SW846 6010B**
Chromium	**TCLP**	**0.047 B**	**0.50**	**mg/L**	**SW846 6010B**
Lead	**TCLP**	**0.022 B**	**0.50**	**mg/L**	**SW846 6010B**
Selenium	TCLP	ND	0.25	mg/L	SW846 6010B

Results and reporting limits have been adjusted for dry weight.

B Estimated result. Result is less than RL.

Organochlorine Pesticides TCLP — Reviewed

Chlordane (technical)	ND	0.0050	mg/L	SW846 8081A
Endrin	ND	0.00050	mg/L	SW846 8081A
Heptachlor	ND	0.00050	mg/L	SW846 8081A
Heptachlor epoxide	ND	0.00050	mg/L	SW846 8081A
Lindane	ND	0.00050	mg/L	SW846 8081A
Methoxychlor	ND	0.0010	mg/L	SW846 8081A
Toxaphene	ND	0.020	mg/L	SW846 8081A

PCBs by SW-846 8082 — Reviewed

Aroclor 1016	ND	250	ug/kg	SW846 8082
Aroclor 1221	ND	250	ug/kg	SW846 8082
Aroclor 1232	ND	250	ug/kg	SW846 8082
Aroclor 1242	ND	250	ug/kg	SW846 8082
Aroclor 1248	ND	250	ug/kg	SW846 8082
Aroclor 1254	ND	250	ug/kg	SW846 8082
Aroclor 1260	ND	250	ug/kg	SW846 8082

Results and reporting limits have been adjusted for dry weight.

Elevated reporting limits. The reporting limits are elevated due to matrix interference.

Chlorinated Herbicides by GC TCLP — Reviewed

2,4-D	ND	0.50	mg/L	SW846 8151A
2,4,5-TP (Silvex)	ND	0.10	mg/L	SW846 8151A

(Continued on next page)

SEVERN TRENT LABORATORIES, INC.

PRELIMINARY DATA SUMMARY

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Toltest, Inc.

Lot #: A7F110189 POND 106 CRANE, IN **Date Reported:** 6/19/07

Client Sample ID: PD1066707
Sample #: 001 Date Sampled: 06/07/07 14:30 Date Received: 06/11/07 Matrix: SOLID

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD	
Volatile Organics by GC/MS					Reviewed
Acetone	**310 J**	**1500**	**ug/kg**	**SW846 8260B**	
Benzene	ND	370	ug/kg	SW846 8260B	
Bromodichloromethane	ND	370	ug/kg	SW846 8260B	
Bromoform	ND	370	ug/kg	SW846 8260B	
Bromomethane	ND	370	ug/kg	SW846 8260B	
2-Butanone	ND	1500	ug/kg	SW846 8260B	
Carbon disulfide	ND	370	ug/kg	SW846 8260B	
Carbon tetrachloride	ND	370	ug/kg	SW846 8260B	
Chlorobenzene	ND	370	ug/kg	SW846 8260B	
Dibromochloromethane	ND	370	ug/kg	SW846 8260B	
1,2-Dibromo-3-chloro-propane	ND	740	ug/kg	SW846 8260B	
Chloroethane	ND	370	ug/kg	SW846 8260B	
Chloroform	ND	370	ug/kg	SW846 8260B	
Chloromethane	ND	370	ug/kg	SW846 8260B	
Cyclohexane	ND	740	ug/kg	SW846 8260B	
1,2-Dibromoethane	ND	370	ug/kg	SW846 8260B	
1,2-Dichlorobenzene	ND	370	ug/kg	SW846 8260B	
1,3-Dichlorobenzene	ND	370	ug/kg	SW846 8260B	
1,4-Dichlorobenzene	ND	370	ug/kg	SW846 8260B	
Dichlorodifluoromethane	ND	370	ug/kg	SW846 8260B	
1,1-Dichloroethane	**290 J**	**370**	**ug/kg**	**SW846 8260B**	
1,2-Dichloroethane	ND	370	ug/kg	SW846 8260B	
1,1-Dichloroethene	**390**	**370**	**ug/kg**	**SW846 8260B**	
cis-1,2-Dichloroethene	**6100**	**370**	**ug/kg**	**SW846 8260B**	
trans-1,2-Dichloroethene	ND	370	ug/kg	SW846 8260B	
1,2-Dichloropropane	ND	370	ug/kg	SW846 8260B	
cis-1,3-Dichloropropene	ND	370	ug/kg	SW846 8260B	
trans-1,3-Dichloropropene	ND	370	ug/kg	SW846 8260B	
Ethylbenzene	ND	370	ug/kg	SW846 8260B	
Trichlorofluoromethane	ND	370	ug/kg	SW846 8260B	
2-Hexanone	ND	1500	ug/kg	SW846 8260B	
Isopropylbenzene	ND	370	ug/kg	SW846 8260B	
Methyl acetate	**2800**	**740**	**ug/kg**	**SW846 8260B**	
Methylcyclohexane	ND	740	ug/kg	SW846 8260B	
Methylene chloride	**850**	**370**	**ug/kg**	**SW846 8260B**	

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SEVERN TRENT LABORATORIES, INC.

PRELIMINARY DATA SUMMARY

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Toltest, Inc.

Lot #: A7F110189 POND 106 CRANE, IN **Date Reported:** 6/19/07

Client Sample ID: PD1066707

Sample #: 001 Date Sampled: 06/07/07 14:30 Date Received: 06/11/07 Matrix: SOLID

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD	
Volatile Organics by GC/MS					Reviewed
4-Methyl-2-pentanone	ND	1500	ug/kg	SW846 8260B	
Styrene	ND	370	ug/kg	SW846 8260B	
1,1,2,2-Tetrachloroethane	ND	370	ug/kg	SW846 8260B	
Tetrachloroethene	**120 J**	**370**	**ug/kg**	**SW846 8260B**	
Toluene	**360 J**	**370**	**ug/kg**	**SW846 8260B**	
1,2,4-Trichloro-benzene	ND	370	ug/kg	SW846 8260B	
1,1,1-Trichloroethane	**13000**	**370**	**ug/kg**	**SW846 8260B**	
1,1,2-Trichloroethane	ND	370	ug/kg	SW846 8260B	
Trichloroethene	**5300**	**370**	**ug/kg**	**SW846 8260B**	
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	370	ug/kg	SW846 8260B	
Vinyl chloride	ND	370	ug/kg	SW846 8260B	
Xylenes (total)	**230 J**	**740**	**ug/kg**	**SW846 8260B**	
Methyl tert-butyl ether	ND	1500	ug/kg	SW846 8260B	

Results and reporting limits have been adjusted for dry weight.

J Estimated result. Result is less than RL.

Volatile Organics by GC/MS TCLP					Reviewed
Benzene	ND	0.025	mg/L	SW846 8260B	
2-Butanone (MEK)	ND	0.25	mg/L	SW846 8260B	
Carbon tetrachloride	ND	0.025	mg/L	SW846 8260B	
Chlorobenzene	ND	0.025	mg/L	SW846 8260B	
Chloroform	ND	0.025	mg/L	SW846 8260B	
1,2-Dichloroethane	ND	0.025	mg/L	SW846 8260B	
1,1-Dichloroethylene	**0.062 J**	**0.070**	**mg/L**	**SW846 8260B**	
Tetrachloroethylene	ND	0.070	mg/L	SW846 8260B	
Trichloroethylene	**0.36**	**0.050**	**mg/L**	**SW846 8260B**	
Vinyl chloride	ND	0.025	mg/L	SW846 8260B	

J Estimated result. Result is less than RL.

Semivolatile Organic Compounds by GC/MS					Reviewed
Acenaphthene	ND	12000	ug/kg	SW846 8270C	

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SEVERN TRENT LABORATORIES, INC.

PRELIMINARY DATA SUMMARY

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Toltest, Inc.

Lot #: A7F110189 POND 106 CRANE, IN **Date Reported:** 6/19/07

Client Sample ID: PD1066707

Sample #: 001 Date Sampled: 06/07/07 14:30 Date Received: 06/11/07 Matrix: SOLID

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD	
Semivolatile Organic Compounds by GC/MS					Reviewed
Acenaphthylene	ND	12000	ug/kg	SW846 8270C	
Acetophenone	ND	2500	ug/kg	SW846 8270C	
Anthracene	ND	12000	ug/kg	SW846 8270C	
Atrazine	ND	12000	ug/kg	SW846 8270C	
Benzaldehyde	ND	12000	ug/kg	SW846 8270C	
Benzo(a)anthracene	**280 J**	**12000**	**ug/kg**	**SW846 8270C**	
Benzo(b)fluoranthene	**360 J**	**12000**	**ug/kg**	**SW846 8270C**	
Benzo(k)fluoranthene	ND	12000	ug/kg	SW846 8270C	
Benzo(ghi)perylene	ND	12000	ug/kg	SW846 8270C	
Benzo(a)pyrene	ND	12000	ug/kg	SW846 8270C	
1,1'-Biphenyl	ND	12000	ug/kg	SW846 8270C	
bis(2-Chloroethoxy) methane	ND	12000	ug/kg	SW846 8270C	
bis(2-Chloroethyl)-ether	ND	12000	ug/kg	SW846 8270C	
bis(2-Ethylhexyl) phthalate	**3800 J**	**12000**	**ug/kg**	**SW846 8270C**	
4-Bromophenyl phenyl ether	ND	12000	ug/kg	SW846 8270C	
Butyl benzyl phthalate	ND	12000	ug/kg	SW846 8270C	
Caprolactam	ND	12000	ug/kg	SW846 8270C	
Carbazole	ND	12000	ug/kg	SW846 8270C	
4-Chloroaniline	ND	12000	ug/kg	SW846 8270C	
4-Chloro-3-methylphenol	ND	12000	ug/kg	SW846 8270C	
2-Chloronaphthalene	ND	12000	ug/kg	SW846 8270C	
2-Chlorophenol	ND	12000	ug/kg	SW846 8270C	
4-Chlorophenyl phenyl ether	ND	12000	ug/kg	SW846 8270C	
Chrysene	**290 J**	**12000**	**ug/kg**	**SW846 8270C**	
Dibenz(a,h)anthracene	ND	12000	ug/kg	SW846 8270C	
Dibenzofuran	ND	12000	ug/kg	SW846 8270C	
Di-n-butyl phthalate	ND	12000	ug/kg	SW846 8270C	
3,3'-Dichlorobenzidine	ND	60000	ug/kg	SW846 8270C	
2,4-Dichlorophenol	ND	12000	ug/kg	SW846 8270C	
Diethyl phthalate	ND	12000	ug/kg	SW846 8270C	
2,4-Dimethylphenol	ND	12000	ug/kg	SW846 8270C	
Dimethyl phthalate	ND	12000	ug/kg	SW846 8270C	

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SEVERN TRENT LABORATORIES, INC.

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Client Sample ID: PD1066707

Sample #: 001 Date Sampled: 06/07/07 14:30 Date Received: 06/11/07 Matrix: SOLID

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD	
Semivolatile Organic Compounds by GC/MS					Reviewed
4,6-Dinitro-2-methylphenol	ND	60000	ug/kg	SW846 8270C	
2,4-Dinitrophenol	ND	60000	ug/kg	SW846 8270C	
2,4-Dinitrotoluene	ND	12000	ug/kg	SW846 8270C	
2,6-Dinitrotoluene	ND	12000	ug/kg	SW846 8270C	
Di-n-octyl phthalate	ND	12000	ug/kg	SW846 8270C	
Fluoranthene	**400 J**	**12000**	**ug/kg**	**SW846 8270C**	
Fluorene	ND	12000	ug/kg	SW846 8270C	
Hexachlorobenzene	ND	12000	ug/kg	SW846 8270C	
Hexachlorobutadiene	ND	12000	ug/kg	SW846 8270C	
Hexachlorocyclopenta-diene	ND	60000	ug/kg	SW846 8270C	
Hexachloroethane	ND	12000	ug/kg	SW846 8270C	
Indeno(1,2,3-cd)pyrene	ND	12000	ug/kg	SW846 8270C	
Isophorone	ND	12000	ug/kg	SW846 8270C	
2-Methylnaphthalene	ND	12000	ug/kg	SW846 8270C	
2-Methylphenol	ND	12000	ug/kg	SW846 8270C	
4-Methylphenol	ND	12000	ug/kg	SW846 8270C	
Naphthalene	ND	12000	ug/kg	SW846 8270C	
2-Nitroaniline	ND	60000	ug/kg	SW846 8270C	
3-Nitroaniline	ND	60000	ug/kg	SW846 8270C	
4-Nitroaniline	ND	60000	ug/kg	SW846 8270C	
Nitrobenzene	ND	12000	ug/kg	SW846 8270C	
2-Nitrophenol	ND	12000	ug/kg	SW846 8270C	
4-Nitrophenol	ND	60000	ug/kg	SW846 8270C	
N-Nitrosodiphenylamine	ND	12000	ug/kg	SW846 8270C	
N-Nitrosodi-n-propyl-amine	ND	12000	ug/kg	SW846 8270C	
2,2'-oxybis(1-Chloropropane)	ND	12000	ug/kg	SW846 8270C	
Pentachlorophenol	ND	12000	ug/kg	SW846 8270C	
Phenanthrene	**260 J**	**12000**	**ug/kg**	**SW846 8270C**	
Phenol	ND	12000	ug/kg	SW846 8270C	
Pyrene	**310 J**	**12000**	**ug/kg**	**SW846 8270C**	
2,4,5-Trichloro-phenol	ND	12000	ug/kg	SW846 8270C	
2,4,6-Trichloro-phenol	ND	12000	ug/kg	SW846 8270C	

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SEVERN TRENT LABORATORIES, INC.

PRELIMINARY DATA SUMMARY

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Toltest, Inc.

Lot #: A7F110189 POND 106 CRANE, IN **Date Reported:** 6/19/07

Client Sample ID: PD1066707

Sample #: 001 Date Sampled: 06/07/07 14:30 Date Received: 06/11/07 Matrix: SOLID

Semivolatile Organic Compounds by GC/MS — Reviewed

Results and reporting limits have been adjusted for dry weight.

J Estimated result. Result is less than RL.

Semivolatile Organic Compounds by GC/MS TCLP — Reviewed

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD
o-Cresol	ND	0.0040	mg/L	SW846 8270C
m-Cresol & p-Cresol	ND	0.040	mg/L	SW846 8270C
1,4-Dichlorobenzene	ND	0.0040	mg/L	SW846 8270C
2,4-Dinitrotoluene	ND	0.020	mg/L	SW846 8270C
Hexachlorobenzene	ND	0.020	mg/L	SW846 8270C
Hexachlorobutadiene	ND	0.020	mg/L	SW846 8270C
Hexachloroethane	ND	0.020	mg/L	SW846 8270C
Nitrobenzene	ND	0.0040	mg/L	SW846 8270C
Pentachlorophenol	ND	0.040	mg/L	SW846 8270C
Pyridine	**0.0050 J**	**0.020**	**mg/L**	**SW846 8270C**
2,4,5-Trichloro-phenol	ND	0.020	mg/L	SW846 8270C
2,4,6-Trichloro-phenol	ND	0.020	mg/L	SW846 8270C

J Estimated result. Result is less than RL.

Inorganic Analysis — Reviewed

Total Residue as Percent Solids	**66.7**	**10.0**	**%**	**MCAWW 160.3 MOD**

Laucks
Testing Laboratories, Inc.

940 South Harney St.
Seattle, WA 98108
(206) 767-5060 FAX (206) 767-5063

FAX Cover Sheet

To: Ed Sedmeyer
FAX Number:
Company: Tetra Tech NUS
Date: 7/27/07
From: Elaine Walker
No. of Pages (including cover page): 31

Preliminary Results for: cc: Ralph Basinski

Workorders(s): NA

SDG (s): VOA01

Analysis: 8260 - medium soil

Verified by:

Do these samples need to be re-analyzed? Yes No
If yes, which samples?:
Reason:

The preliminary results for the re-analysis will be faxed on (date):

Laucks does not certify that these results meet NELAC Standards because all NELAC required elements are not included in the facsimile. Please refer to the full report to review all NELAC required elements.

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Laucks Testing Laboratories
Preliminary Results
Printed on: 7/26/2007

Method: Purgeable Organic Compounds by GC/MS (8260B)

Client::	Tetra Tech NUS, Inc.	Project:	NSWC Crane VOA	
Sample ID:	08SB01072307	Lab sample ID:	VOA01-001	
Date/time collected:	07/23/2007 08:38	Date/time received:	07/24/2007 09:00	
Date/time prepared:	07/25/2007 08:41	SDG Number:	VOA01	Run Sequence ID: R019935

Preliminary Results

Analyte	DF	Result	Units	Date/time analyzed
Xylenes, Total	1	840	ug/kg	07/25/2007 16:23
Dichlorodifluoromethane	1	120 U		
Chloromethane	1	120 U		
Vinyl chloride	1	120 U		
Bromomethane	1	120 U		
Chloroethane	1	190		
Trichlorofluoromethane	1	120 U		
1,1-Dichloroethene	1	4600		
Acrolein	1	590 U		
Acetone	1	360 J		
Iodomethane	1	590 U		
Carbon disulfide	1	120 U		
Allyl chloride	1	590 U		
Methylene chloride	1	120 U		
Methyl tert-butyl ether	1	120 U		
trans-1,2-Dichloroethene	1	280		
Acrylonitrile	1	590 U		
Vinyl acetate	1	590 U		
1,1-Dichloroethane	1	25000 E		
Chloroprene	1	590 U		
cis-1,2-Dichloroethene	1	350000 E		
2-Butanone	1	590 U		
Methacrylonitrile	1	1200 U		

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Laucks Testing Laboratories
Preliminary Results
Printed on: 7/26/2007

Method: Purgeable Organic Compounds by GC/MS (8260B)

Client::	Tetra Tech NUS, Inc.	Project:	NSWC Crane VOA
Sample ID:	08SB01072307	Lab sample ID:	VOA01-001
Date/time collected:	07/23/2007 08:38	Date/time received:	07/24/2007 09:00
Date/time prepared:	07/25/2007 08:41	SDG Number:	VOA01 Run Sequence ID: R019935

Preliminary Results

Analyte	DF	Result	Units	Date/time analyzed
Chloroform	1	120 U	ug/kg	07/25/2007 16:23
1,1,1-Trichloroethane	1	370000 E		
Carbon tetrachloride	1	120 U		
Methyl methacrylate	1	590 U		
Benzene	1	120 U		
1,2-Dichloroethane	1	120 U		
Trichloroethene	1	2000		
1,2-Dichloropropane	1	120 U		
Dibromomethane	1	120 U		
Bromodichloromethane	1	120 U		
cis-1,3-Dichloropropene	1	120 U		
4-Methyl-2-pentanone	1	590 U		
Toluene	1	4200		
Ethyl methacrylate	1	590 U		
trans-1,3-Dichloropropene	1	120 U		
1,1,2-Trichloroethane	1	120 U		
Tetrachloroethene	1	310		
2-Hexanone	1	590 U		
Dibromochloromethane	1	120 U		
1,2-Dibromoethane	1	120 U		
Chlorobenzene	1	120 U		
Ethylbenzene	1	160		
1,1,1,2-Tetrachloroethane	1	120 U		

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Laucks Testing Laboratories
Preliminary Results
Printed on: 7/26/2007

Method: Purgeable Organic Compounds by GC/MS (8260B)

Client::	Tetra Tech NUS, Inc.	Project:	NSWC Crane VOA
Sample ID:	08SB01072307	Lab sample ID:	VOA01-001
Date/time collected:	07/23/2007 08:38	Date/time reeeived:	07/24/2007 09:00
Date/time prepared:	07/25/2007 08:41	SDG Number:	VOA01 Run Sequence ID: R019935

Preliminary Results

Analyte	DF	Result	Units	Date/time analyzed
Styrene	1	120 U	ug/kg	07/25/2007 16:23
Bromoform	1	120 U		
1,1,2,2-Tetrachloroethane	1	120 U		
trans-1,4-Dichloro-2-butene	1	590 U		
1,2,3-Trichloropropane	1	120 U		
1,2-Dibromo-3-chloropropane	1	120 U		
Dibromofluoromethane	1	112.7	%	
1,2-Dichloroethane-d4	1	101.7		
Toluene-d8	1	96.2		
4-Bromofluorobenzene	1	100.7		

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Laucks Testing Laboratories
Preliminary Results
Printed on: 7/26/2007

Method: Purgeable Organic Compounds by GC/MS (8260B)

Client::	Tetra Tech NUS, Inc.	Project:	NSWC Crane VOA
Sample ID:	08SB01072307-DL	Lab sample ID:	VOA01-001DL
Date/time collected:	07/23/2007 08:38	Date/time received:	07/24/2007 09:00
Date/time prepared:	07/25/2007 08:41	SDG Number:	VOA01 Run Sequence ID: R019935

Preliminary Results

Analyte	DF	Result	Units	Date/time analyzed
Xylenes, Total	50	5900 U	ug/kg	07/25/2007 18:33
Dichlorodifluoromethane	50	5900 U		
Chloromethane	50	5900 U		
Vinyl chloride	50	5900 U		
Bromomethane	50	5900 U		
Chloroethane	50	5900 U		
Trichlorofluoromethane	50	5900 U		
1,1-Dichloroethene	50	5900 U		
Acrolein	50	29000 U		
Acetone	50	29000 U		
Iodomethane	50	29000 U		
Carbon disulfide	50	5900 U		
Allyl chloride	50	29000 U		
Methylene chloride	50	5900 U		
Methyl tert-butyl ether	50	5900 U		
trans-1,2-Dichloroethene	50	5900 U		
Acrylonitrile	50	29000 U		
Vinyl acetate	50	29000 U		
1,1-Dichloroethane	50	21000		
Chloroprene	50	29000 U		
cis-1,2-Dichloroethene	50	290000		
2-Butanone	50	29000 U		
Methacrylonitrile	50	59000 U		

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Laucks Testing Laboratories
Preliminary Results
Printed on: 7/26/2007

Method: Purgeable Organic Compounds by GC/MS (8260B)

Client::	Tetra Tech NUS, Inc.	Project:	NSWC Crane VOA
Sample ID:	08SB01072307-DL	Lab sample ID:	VOA01-001DL
Date/time collected:	07/23/2007 08:38	Date/time received:	07/24/2007 09:00
Date/time prepared:	07/25/2007 08:41	SDG Number:	VOA01 Run Sequence ID: R019935

Preliminary Results

Analyte	DF	Result	Units	Date/time analyzed
Chloroform	50	5900 U	ug/kg	07/25/2007 18:33
1,1,1-Trichloroethane	50	270000		
Carbon tetrachloride	50	5900 U		
Methyl methacrylate	50	29000 U		
Benzene	50	5900 U		
1,2-Dichloroethane	50	5900 U		
Trichloroethene	50	5900 U		
1,2-Dichloropropane	50	5900 U		
Dibromomethane	50	5900 U		
Bromodichloromethane	50	5900 U		
cis-1,3-Dichloropropene	50	5900 U		
4-Methyl-2-pentanone	50	29000 U		
Toluene	50	3600 J		
Ethyl methacrylate	50	29000 U		
trans-1,3-Dichloropropene	50	5900 U		
1,1,2-Trichloroethane	50	5900 U		
Tetrachloroethene	50	5900 U		
2-Hexanone	50	29000 U		
Dibromochloromethane	50	5900 U		
1,2-Dibromoethane	50	5900 U		
Chlorobenzene	50	5900 U		
Ethylbenzene	50	5900 U		
1,1,1,2-Tetrachloroethane	50	5900 U		

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Laucks Testing Laboratories
Preliminary Results
Printed on: 7/26/2007

Method: Purgeable Organic Compounds by GC/MS (8260B)

Client::	Tetra Tech NUS, Inc.	Project:	NSWC Crane VOA
Sample ID:	08SB01072307-DL	Lab sample ID:	VOA01-001DL
Date/time collected:	07/23/2007 08:38	Date/time received:	07/24/2007 09:00
Date/time prepared:	07/25/2007 08:41	SDG Number:	VOA01 Run Sequence ID: R019935

Preliminary Results

Analyte	DF	Result	Units	Date/time analyzed
Styrene	50	5900 U	ug/kg	07/25/2007 18:33
Bromoform	50	5900 U		
1,1,2,2-Tetrachloroethane	50	5900 U		
trans-1,4-Dichloro-2-butene	50	29000 U		
1,2,3-Trichloropropane	50	5900 U		
1,2-Dibromo-3-chloropropane	50	5900 U		
Dibromofluoromethane	50	102.5	%	
1,2-Dichloroethane-d4	50	99.7		
Toluene-d8	50	97.8		
4-Bromofluorobenzene	50	99.7		

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Laucks Testing Laboratories
Preliminary Results
Printed on: 7/26/2007

Method: Purgeable Organic Compounds by GC/MS (8260B)

Client::	Tetra Tech NUS, Inc.	Project:	NSWC Crane VOA
Sample ID:	08SB02072307	Lab sample ID:	VOA01-002
Date/time collected:	07/23/2007 09:41	Date/time received:	07/24/2007 09:00
Date/time prepared:	07/25/2007 08:41	SDG Number:	VOA01 Run Sequence ID: R019935

Preliminary Results

Analyte	DF	Result	Units	Date/time analyzed
Xylenes, Total	1	550	ug/kg	07/25/2007 16:48
Dichlorodifluoromethane	1	130 U		
Chloromethane	1	130 U		
Vinyl chloride	1	130 U		
Bromomethane	1	130 U		
Chloroethane	1	150		
Trichlorofluoromethane	1	130 U		
1,1-Dichloroethene	1	3900		
Acrolein	1	660 U		
Acetone	1	190 J		
Iodomethane	1	660 U		
Carbon disulfide	1	130 U		
Allyl chloride	1	660 U		
Methylene chloride	1	130 U		
Methyl tert-butyl ether	1	130 U		
trans-1,2-Dichloroethene	1	240		
Acrylonitrile	1	660 U		
Vinyl acetate	1	660 U		
1,1-Dichloroethane	1	21000		
Chloroprene	1	660 U		
cis-1,2-Dichloroethene	1	240000 E		
2-Butanone	1	660 U		
Methacrylonitrile	1	1300 U		

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Laucks Testing Laboratories
Preliminary Results
Printed on: 7/26/2007

Method: Purgeable Organic Compounds by GC/MS (8260B)

Client::	Tetra Tech NUS, Inc.	Project:	NSWC Crane VOA
Sample ID:	08SB02072307	Lab sample ID:	VOA01-002
Date/time collected:	07/23/2007 09:41	Date/time received:	07/24/2007 09:00
Date/time prepared:	07/25/2007 08:41	SDG Number:	VOA01 Run Sequence ID: R019935

Preliminary Results

Analyte	DF	Result	Units	Date/time analyzed
Chloroform	1	130 U	ug/kg	07/25/2007 16:48
1,1,1-Trichloroethane	1	340000 E		
Carbon tetrachloride	1	130 U		
Methyl methacrylate	1	660 U		
Benzene	1	130 U		
1,2-Dichloroethane	1	130 U		
Trichloroethene	1	3700		
1,2-Dichloropropane	1	130 U		
Dibromomethane	1	130 U		
Bromodichloromethane	1	130 U		
cis-1,3-Dichloropropene	1	130 U		
4-Methyl-2-pentanone	1	660 U		
Toluene	1	3500		
Ethyl methacrylate	1	660 U		
trans-1,3-Dichloropropene	1	130 U		
1,1,2-Trichloroethane	1	130 U		
Tetrachloroethene	1	380		
2-Hexanone	1	660 U		
Dibromochloromethane	1	130 U		
1,2-Dibromoethane	1	130 U		
Chlorobenzene	1	130 U		
Ethylbenzene	1	110 J		
1,1,1,2-Tetrachloroethane	1	130 U		

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Laucks Testing Laboratories
Preliminary Results
Printed on: 7/26/2007

Method: Purgeable Organic Compounds by GC/MS (8260B)

Client::	Tetra Tech NUS, Inc.	Project:	NSWC Crane VOA
Sample ID:	08SB02072307	Lab sample ID:	VOA01-002
Date/time collected:	07/23/2007 09:41	Date/time received:	07/24/2007 09:00
Date/time prepared:	07/25/2007 08:41	SDG Number:	VOA01 Run Sequence ID: R019935

Preliminary Results

Analyte	DF	Result	Units	Date/time analyzed
Styrene	1	130 U	ug/kg	07/25/2007 16:48
Bromoform	1	130 U		
1,1,2,2-Tetrachloroethane	1	130 U		
trans-1,4-Dichloro-2-butene	1	660 U		
1,2,3-Trichloropropane	1	130 U		
1,2-Dibromo-3-chloropropane	1	130 U		
Dibromofluoromethane	1	110.8	%	
1,2-Dichloroethane-d4	1	101.6		
Toluene-d8	1	96.8		
4-Bromofluorobenzene	1	101		

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Laucks Testing Laboratories
Preliminary Results
Printed on: 7/26/2007

Method: Purgeable Organic Compounds by GC/MS (8260B)

Client::	Tetra Tech NUS, Inc.	Project:	NSWC Crane VOA
Sample ID:	08SB02072307-DL	Lab sample ID:	VOA01-002DL
Date/time collected:	07/23/2007 09:41	Date/time received:	07/24/2007 09:00
Date/time prepared:	07/25/2007 08:41	SDG Number:	VOA01 Run Sequence ID: R019935

Preliminary Results

Analyte	DF	Result	Units	Date/time analyzed
Xylenes, Total	50	6600 U	ug/kg	07/25/2007 18:58
Dichlorodifluoromethane	50	6600 U		
Chloromethane	50	6600 U		
Vinyl chloride	50	6600 U		
Bromomethane	50	6600 U		
Chloroethane	50	6600 U		
Trichlorofluoromethane	50	6600 U		
1,1-Dichloroethene	50	6600 U		
Acrolein	50	33000 U		
Acetone	50	33000 U		
Iodomethane	50	33000 U		
Carbon disulfide	50	6600 U		
Allyl chloride	50	33000 U		
Methylene chloride	50	6600 U		
Methyl tert-butyl ether	50	6600 U		
trans-1,2-Dichloroethene	50	6600 U		
Acrylonitrile	50	33000 U		
Vinyl acetate	50	33000 U		
1,1-Dichloroethane	50	18000		
Chloroprene	50	33000 U		
cis-1,2-Dichloroethene	50	200000		
2-Butanone	50	33000 U		
Methacrylonitrile	50	66000 U		

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Laucks Testing Laboratories
Preliminary Results
Printed on: 7/26/2007

Method: Purgeable Organic Compounds by GC/MS (8260B)

Client::	Tetra Tech NUS, Inc.	Project:	NSWC Crane VOA
Sample ID:	08SB02072307-DL	Lab sample ID:	VOA01-002DL
Date/time collected:	07/23/2007 09:41	Date/time received:	07/24/2007 09:00
Date/time prepared:	07/25/2007 08:41	SDG Number:	VOA01 Run Sequence ID: R019935

Preliminary Results

Analyte	DF	Result	Units	Date/time analyzed
Chloroform	50	6600 U	ug/kg	07/25/2007 18:58
1,1,1-Trichloroethane	50	260000		
Carbon tetrachloride	50	6600 U		
Methyl methacrylate	50	33000 U		
Benzene	50	6600 U		
1,2-Dichloroethane	50	6600 U		
Trichloroethene	50	6600 U		
1,2-Dichloropropane	50	6600 U		
Dibromomethane	50	6600 U		
Bromodichloromethane	50	6600 U		
cis-1,3-Dichloropropene	50	6600 U		
4-Methyl-2-pentanone	50	33000 U		
Toluene	50	6600 U		
Ethyl methacrylate	50	33000 U		
trans-1,3-Dichloropropene	50	6600 U		
1,1,2-Trichloroethane	50	6600 U		
Tetrachloroethene	50	6600 U		
2-Hexanone	50	33000 U		
Dibromochloromethane	50	6600 U		
1,2-Dibromoethane	50	6600 U		
Chlorobenzene	50	6600 U		
Ethylbenzene	50	6600 U		
1,1,1,2-Tetrachloroethane	50	6600 U		

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Laucks Testing Laboratories
Preliminary Results
Printed on: 7/26/2007

Method: Purgeable Organic Compounds by GC/MS (8260B)

Client::	Tetra Tech NUS, Inc.	Project:	NSWC Crane VOA
Sample ID:	08SB02072307-DL	Lab sample ID:	VOA01-002DL
Date/time collected:	07/23/2007 09:41	Date/time received:	07/24/2007 09:00
Date/time prepared:	07/25/2007 08:41	SDG Number:	VOA01 Run Sequence ID: R019935

Preliminary Results

Analyte	DF	Result	Units	Date/time analyzed
Styrene	50	6600 U	ug/kg	07/25/2007 18:58
Bromoform	50	6600 U		
1,1,2,2-Tetrachloroethane	50	6600 U		
trans-1,4-Dichloro-2-butene	50	33000 U		
1,2,3-Trichloropropane	50	6600 U		
1,2-Dibromo-3-chloropropane	50	6600 U		
Dibromofluoromethane	50	102.5	%	
1,2-Dichloroethane-d4	50	101.6		
Toluene-d8	50	98.2		
4-Bromofluorobenzene	50	99.1		

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Laucks Testing Laboratories
Preliminary Results
Printed on: 7/26/2007

Method: Purgeable Organic Compounds by GC/MS (8260B)

Client::	Tetra Tech NUS, Inc.	Project:	NSWC Crane VOA
Sample ID:	08SB03072307	Lab sample ID:	VOA01-003
Date/time collected:	07/23/2007 10:51	Date/time received:	07/24/2007 09:00
Date/time prepared:	07/25/2007 08:41	SDG Number:	VOA01 Run Sequence ID: R019935

Preliminary Results

Analyte	DF	Result	Units	Date/time analyzed
Xylenes, Total	1	370	ug/kg	07/25/2007 17:19
Dichlorodifluoromethane	1	99 U		
Chloromethane	1	99 U		
Vinyl chloride	1	10000		
Bromomethane	1	99 U		
Chloroethane	1	180		
Trichlorofluoromethane	1	99 U		
1,1-Dichloroethene	1	910		
Acrolein	1	490 U		
Acetone	1	170 J		
Iodomethane	1	490 U		
Carbon disulfide	1	99 U		
Allyl chloride	1	490 U		
Methylene chloride	1	99 U		
Methyl tert-butyl ether	1	99 U		
trans-1,2-Dichloroethene	1	230		
Acrylonitrile	1	490 U		
Vinyl acetate	1	490 U		
1,1-Dichloroethane	1	43000 E		
Chloroprene	1	490 U		
cis-1,2-Dichloroethene	1	120000 E		
2-Butanone	1	490 U		
Methacrylonitrile	1	990 U		

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Laucks Testing Laboratories
Preliminary Results
Printed on: 7/26/2007

Method: Purgeable Organic Compounds by GC/MS (8260B)

Client::	Tetra Tech NUS, Inc.	Project:	NSWC Crane VOA
Sample ID:	08SB03072307	Lab sample ID:	VOA01-003
Date/time collected:	07/23/2007 10:51	Date/time received:	07/24/2007 09:00
Date/time prepared:	07/25/2007 08:41	SDG Number:	VOA01 Run Sequence ID: R019935

Preliminary Results

Analyte	DF	Result	Units	Date/time analyzed
Chloroform	1	99 U	ug/kg	07/25/2007 17:19
1,1,1-Trichloroethane	1	90000 E		
Carbon tetrachloride	1	99 U		
Methyl methacrylate	1	490 U		
Benzene	1	99 U		
1,2-Dichloroethane	1	99 U		
Trichloroethene	1	490		
1,2-Dichloropropane	1	99 U		
Dibromomethane	1	99 U		
Bromodichloromethane	1	99 U		
cis-1,3-Dichloropropene	1	99 U		
4-Methyl-2-pentanone	1	490 U		
Toluene	1	1800		
Ethyl methacrylate	1	490 U		
trans-1,3-Dichloropropene	1	99 U		
1,1,2-Trichloroethane	1	99 U		
Tetrachloroethene	1	99 U		
2-Hexanone	1	490 U		
Dibromochloromethane	1	99 U		
1,2-Dibromoethane	1	99 U		
Chlorobenzene	1	99 U		
Ethylbenzene	1	74 J		
1,1,1,2-Tetrachloroethane	1	99 U		

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Laucks Testing Laboratories
Preliminary Results
Printed on: 7/26/2007

Method: Purgeable Organic Compounds by GC/MS (8260B)

Client::	Tetra Tech NUS, Inc.	Project:	NSWC Crane VOA
Sample ID:	08SB03072307	Lab sample ID:	VOA01-003
Date/time collected:	07/23/2007 10:51	Date/time received:	07/24/2007 09:00
Date/time prepared:	07/25/2007 08:41	SDG Number:	VOA01 Run Sequence ID: R019935

Preliminary Results

Analyte	DF	Result	Units	Date/time analyzed
Styrene	1	99 U	ug/kg	07/25/2007 17:19
Bromoform	1	99 U		
1,1,2,2-Tetrachloroethane	1	99 U		
trans-1,4-Dichloro-2-butene	1	490 U		
1,2,3-Trichloropropane	1	99 U		
1,2-Dibromo-3-chloropropane	1	99 U		
Dibromofluoromethane	1	108.5	%	
1,2-Dichloroethane-d4	1	102.3		
Toluene-d8	1	96.3		
4-Bromofluorobenzene	1	101.4		

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Laucks Testing Laboratories
Preliminary Results
Printed on: 7/26/2007

Method:	Purgeable Organic Compounds by GC/MS (8260B)		
Client::	Tetra Tech NUS, Inc.	Project:	NSWC Crane VOA
Sample ID:	08SB03072307-DL	Lab sample ID:	VOA01-003DL
Date/time collected:	07/23/2007 10:51	Date/time received:	07/24/2007 09:00
Date/time prepared:	07/25/2007 08:41	SDG Number:	VOA01 Run Sequence ID: R019935

Preliminary Results

Analyte	DF	Result	Units	Date/time analyzed
Xylenes, Total	50	4900 U	ug/kg	07/25/2007 19:23
Dichlorodifluoromethane	50	4900 U		
Chloromethane	50	4900 U		
Vinyl chloride	50	7000		
Bromomethane	50	4900 U		
Chloroethane	50	4900 U		
Trichlorofluoromethane	50	4900 U		
1,1-Dichloroethene	50	4900 U		
Acrolein	50	25000 U		
Acetone	50	25000 U		
Iodomethane	50	25000 U		
Carbon disulfide	50	4900 U		
Allyl chloride	50	25000 U		
Methylene chloride	50	4900 U		
Methyl tert-butyl ether	50	4900 U		
trans-1,2-Dichloroethene	50	4900 U		
Acrylonitrile	50	25000 U		
Vinyl acetate	50	25000 U		
1,1-Dichloroethane	50	36000		
Chloroprene	50	25000 U		
cis-1,2-Dichloroethene	50	100000		
2-Butanone	50	25000 U		
Methacrylonitrile	50	49000 U		

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Laucks Testing Laboratories
Preliminary Results
Printed on: 7/26/2007

Method: Purgeable Organic Compounds by GC/MS (8260B)

Client::	Tetra Tech NUS, Inc.	Project:	NSWC Crane VOA
Sample ID:	08SB03072307-DL	Lab sample ID:	VOA01-003DL
Date/time collected:	07/23/2007 10:51	Date/time received:	07/24/2007 09:00
Date/time prepared:	07/25/2007 08:41	SDG Number:	VOA01 Run Sequence ID: R019935

Preliminary Results

Analyte	DF	Result	Units	Date/time analyzed
Chloroform	50	4900 U	ug/kg	07/25/2007 19:23
1,1,1-Trichloroethane	50	68000		
Carbon tetrachloride	50	4900 U		
Methyl methacrylate	50	25000 U		
Benzene	50	4900 U		
1,2-Dichloroethane	50	4900 U		
Trichloroethene	50	4900 U		
1,2-Dichloropropane	50	4900 U		
Dibromomethane	50	4900 U		
Bromodichloromethane	50	4900 U		
cis-1,3-Dichloropropene	50	4900 U		
4-Methyl-2-pentanone	50	25000 U		
Toluene	50	4900 U		
Ethyl methacrylate	50	25000 U		
trans-1,3-Dichloropropene	50	4900 U		
1,1,2-Trichloroethane	50	4900 U		
Tetrachloroethene	50	4900 U		
2-Hexanone	50	25000 U		
Dibromochloromethane	50	4900 U		
1,2-Dibromoethane	50	4900 U		
Chlorobenzene	50	4900 U		
Ethylbenzene	50	4900 U		
1,1,1,2-Tetrachloroethane	50	4900 U		

Laucks does not certify that these results meet NELAC Standards because all NELAC required elements are not included in the facsimile. Pease refer to the full report to review all NELAC required elements.

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Laucks Testing Laboratories
Preliminary Results
Printed on: 7/26/2007

Method: Purgeable Organic Compounds by GC/MS (8260B)

Client::	Tetra Tech NUS, Inc.	Project:	NSWC Crane VOA
Sample ID:	08SB03072307-DL	Lab sample ID:	VOA01-003DL
Date/time collected:	07/23/2007 10:51	Date/time received:	07/24/2007 09:00
Date/time prepared:	07/25/2007 08:41	SDG Number:	VOA01 Run Sequence ID: R019935

Preliminary Results

Analyte	DF	Result	Units	Date/time analyzed
Styrene	50	4900 U	ug/kg	07/25/2007 19:23
Bromoform	50	4900 U		
1,1,2,2-Tetrachloroethane	50	4900 U		
trans-1,4-Dichloro-2-butene	50	25000 U		
1,2,3-Trichloropropane	50	4900 U		
1,2-Dibromo-3-chloropropane	50	4900 U		
Dibromofluoromethane	50	101.5	%	
1,2-Dichloroethane-d4	50	102.1		
Toluene-d8	50	98.1		
4-Bromofluorobenzene	50	100.8		

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Laucks Testing Laboratories
Preliminary Results
Printed on: 7/26/2007

Method: Purgeable Organic Compounds by GC/MS (8260B)

Client::	Tetra Tech NUS, Inc.	Project:	NSWC Crane VOA
Sample ID:	08SB04072307	Lab sample ID:	VOA01-004
Date/time collected:	07/23/2007 11:50	Date/time received:	07/24/2007 09:00
Date/time prepared:	07/25/2007 08:41	SDG Number:	VOA01 Run Sequence ID: R019935

Preliminary Results

Analyte	DF	Result	Units	Date/time analyzed
Xylenes, Total	1	600	ug/kg	07/25/2007 17:44
Dichlorodifluoromethane	1	120 U		
Chloromethane	1	120 U		
Vinyl chloride	1	410		
Bromomethane	1	120 U		
Chloroethane	1	750		
Trichlorofluoromethane	1	120 U		
1,1-Dichloroethene	1	5100		
Acrolein	1	590 U		
Acetone	1	530 J		
Iodomethane	1	590 U		
Carbon disulfide	1	120 U		
Allyl chloride	1	590 U		
Methylene chloride	1	120 U		
Methyl tert-butyl ether	1	120 U		
trans-1,2-Dichloroethene	1	490		
Acrylonitrile	1	590 U		
Vinyl acetate	1	590 U		
1,1-Dichloroethane	1	32000 E		
Chloroprene	1	590 U		
cis-1,2-Dichloroethene	1	460000 E		
2-Butanone	1	590 U		
Methacrylonitrile	1	1200 U		

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Laucks Testing Laboratories
Preliminary Results
Printed on: 7/26/2007

Method: Purgeable Organic Compounds by GC/MS (8260B)

Client::	Tetra Tech NUS, Inc.	Project:	NSWC Crane VOA	
Sample ID:	08SB04072307	Lab sample ID:	VOA01-004	
Date/time collected:	07/23/2007 11:50	Date/time received:	07/24/2007 09:00	
Date/time prepared:	07/25/2007 08:41	SDG Number:	VOA01	Run Sequence ID: R019935

Preliminary Results

Analyte	DF	Result	Units	Date/time analyzed
Chloroform	1	120 U	ug/kg	07/25/2007 17:44
1,1,1-Trichloroethane	1	370000 E		
Carbon tetrachloride	1	120 U		
Methyl methacrylate	1	590 U		
Benzene	1	120 U		
1,2-Dichloroethane	1	120 U		
Trichloroethene	1	940		
1,2-Dichloropropane	1	120 U		
Dibromomethane	1	120 U		
Bromodichloromethane	1	120 U		
cis-1,3-Dichloropropene	1	120 U		
4-Methyl-2-pentanone	1	590 U		
Toluene	1	2400		
Ethyl methacrylate	1	590 U		
trans-1,3-Dichloropropene	1	120 U		
1,1,2-Trichloroethane	1	120 U		
Tetrachloroethene	1	260		
2-Hexanone	1	590 U		
Dibromochloromethane	1	120 U		
1,2-Dibromoethane	1	120 U		
Chlorobenzene	1	120 U		
Ethylbenzene	1	110 J		
1,1,1,2-Tetrachloroethane	1	120 U		

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Laucks Testing Laboratories
Preliminary Results
Printed on: 7/26/2007

Method: Purgeable Organic Compounds by GC/MS (8260B)

Client::	Tetra Tech NUS, Inc.	Project:	NSWC Crane VOA
Sample ID:	08SB04072307	Lab sample ID:	VOA01-004
Date/time collected:	07/23/2007 11:50	Date/time received:	07/24/2007 09:00
Date/time prepared:	07/25/2007 08:41	SDG Number:	VOA01 Run Sequence ID: R019935

Preliminary Results

Analyte	DF	Result	Units	Date/time analyzed
Styrene	1	120 U	ug/kg	07/25/2007 17:44
Bromoform	1	120 U		
1,1,2,2-Tetrachloroethane	1	120 U		
trans-1,4-Dichloro-2-butene	1	590 U		
1,2,3-Trichloropropane	1	120 U		
1,2-Dibromo-3-chloropropane	1	120 U		
Dibromofluoromethane	1	112.1	%	
1,2-Dichloroethane-d4	1	99.4		
Toluene-d8	1	97.2		
4-Bromofluorobenzene	1	102.1		

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Laucks Testing Laboratories
Preliminary Results
Printed on: 7/26/2007

Method: Purgeable Organic Compounds by GC/MS (8260B)

Client::	Tetra Tech NUS, Inc.	Project:	NSWC Crane VOA
Sample ID:	08SB04072307-DL	Lab sample ID:	VOA01-004DL
Date/time collected:	07/23/2007 11:50	Date/time received:	07/24/2007 09:00
Date/time prepared:	07/26/2007 09:17	SDG Number:	VOA01 Run Sequence ID: R019944

Preliminary Results

Analyte	DF	Result	Units	Date/time analyzed
Xylenes, Total	50	5900 U	ug/kg	07/26/2007 13:22
Dichlorodifluoromethane	50	5900 U		
Chloromethane	50	5900 U		
Vinyl chloride	50	5900 U		
Bromomethane	50	5900 U		
Chloroethane	50	5900 U		
Trichlorofluoromethane	50	5900 U		
1,1-Dichloroethene	50	5900 U		
Acrolein	50	29000 U		
Acetone	50	29000 U		
Iodomethane	50	29000 U		
Carbon disulfide	50	5900 U		
Allyl chloride	50	29000 U		
Methylene chloride	50	5900 U		
Methyl tert-butyl ether	50	5900 U		
trans-1,2-Dichloroethene	50	5900 U		
Acrylonitrile	50	29000 U		
Vinyl acetate	50	29000 U		
1,1-Dichloroethane	50	27000		
Chloroprene	50	29000 U		
cis-1,2-Dichloroethene	50	360000		
2-Butanone	50	29000 U		
Methacrylonitrile	50	59000 U		

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Laucks Testing Laboratories
Preliminary Results
Printed on: 7/26/2007

Method: Purgeable Organic Compounds by GC/MS (8260B)

Client::	Tetra Tech NUS, Inc.	Project:	NSWC Crane VOA
Sample ID:	08SB04072307-DL	Lab sample ID:	VOA01-004DL
Date/time collected:	07/23/2007 11:50	Date/time received:	07/24/2007 09:00
Date/time prepared:	07/26/2007 09:17	SDG Number:	VOA01 Run Sequence ID: R019944

Preliminary Results

Analyte	DF	Result	Units	Date/time analyzed
Chloroform	50	5900 U	ug/kg	07/26/2007 13:22
1,1,1-Trichloroethane	50	280000		
Carbon tetrachloride	50	5900 U		
Methyl methacrylate	50	29000 U		
Benzene	50	5900 U		
1,2-Dichloroethane	50	5900 U		
Trichloroethene	50	5900 U		
1,2-Dichloropropane	50	5900 U		
Dibromomethane	50	5900 U		
Bromodichloromethane	50	5900 U		
cis-1,3-Dichloropropene	50	5900 U		
4-Methyl-2-pentanone	50	29000 U		
Toluene	50	5900 U		
Ethyl methacrylate	50	29000 U		
trans-1,3-Dichloropropene	50	5900 U		
1,1,2-Trichloroethane	50	5900 U		
Tetrachloroethene	50	5900 U		
2-Hexanone	50	29000 U		
Dibromochloromethane	50	5900 U		
1,2-Dibromoethane	50	5900 U		
Chlorobenzene	50	5900 U		
Ethylbenzene	50	5900 U		
1,1,1,2-Tetrachloroethane	50	5900 U		

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Laucks Testing Laboratories
Preliminary Results
Printed on: 7/26/2007

Method: Purgeable Organic Compounds by GC/MS (8260B)

Client::	Tetra Tech NUS, Inc.	Project:	NSWC Crane VOA
Sample ID:	08SB04072307-DL	Lab sample ID:	VOA01-004DL
Date/time collected:	07/23/2007 11:50	Date/time received:	07/24/2007 09:00
Date/time prepared:	07/26/2007 09:17	SDG Number:	VOA01 Run Sequence ID: R019944

Preliminary Results

Analyte	DF	Result	Units	Date/time analyzed
Styrene	50	5900 U	ug/kg	07/26/2007 13:22
Bromoform	50	5900 U		
1,1,2,2-Tetrachloroethane	50	5900 U		
trans-1,4-Dichloro-2-butene	50	29000 U		
1,2,3-Trichloropropane	50	5900 U		
1,2-Dibromo-3-chloropropane	50	5900 U		
Dibromofluoromethane	50	102.8	%	
1,2-Dichloroethane-d4	50	100.3		
Toluene-d8	50	97.8		
4-Bromofluorobenzene	50	102.4		

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Laucks Testing Laboratories
Preliminary Results
Printed on: 7/26/2007

Method: Purgeable Organic Compounds by GC/MS (8260B)

Client::	Tetra Tech NUS, Inc.	Project:	NSWC Crane VOA
Sample ID:	08SB05072307	Lab sample ID:	VOA01-005
Date/time collected:	07/23/2007 12:30	Date/time received:	07/24/2007 09:00
Date/time prepared:	07/25/2007 08:41	SDG Number:	VOA01 Run Sequence ID: R019935

Preliminary Results

Analyte	DF	Result	Units	Date/time analyzed
Xylenes, Total	1	180	ug/kg	07/25/2007 18:08
Dichlorodifluoromethane	1	87 U		
Chloromethane	1	87 U		
Vinyl chloride	1	150		
Bromomethane	1	87 U		
Chloroethane	1	340		
Trichlorofluoromethane	1	87 U		
1,1-Dichloroethene	1	1000		
Acrolein	1	440 U		
Acetone	1	200 J		
Iodomethane	1	440 U		
Carbon disulfide	1	87 U		
Allyl chloride	1	440 U		
Methylene chloride	1	87 U		
Methyl tert-butyl ether	1	87 U		
trans-1,2-Dichloroethene	1	180		
Acrylonitrile	1	440 U		
Vinyl acetate	1	440 U		
1,1-Dichloroethane	1	11000		
Chloroprene	1	440 U		
cis-1,2-Dichloroethene	1	150000 E		
2-Butanone	1	440 U		
Methacrylonitrile	1	870 U		

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Laucks Testing Laboratories
Preliminary Results
Printed on: 7/26/2007

Method: Purgeable Organic Compounds by GC/MS (8260B)

Client::	Tetra Tech NUS, Inc.	Project:	NSWC Crane VOA
Sample ID:	08SB05072307	Lab sample ID:	VOA01-005
Date/time collected:	07/23/2007 12:30	Date/time received:	07/24/2007 09:00
Date/time prepared:	07/25/2007 08:41	SDG Number:	VOA01 Run Sequence ID: R019935

Preliminary Results

Analyte	DF	Result	Units	Date/time analyzed
Chloroform	1	87 U	ug/kg	07/25/2007 18:08
1,1,1-Trichloroethane	1	94000 E		
Carbon tetrachloride	1	87 U		
Methyl methacrylate	1	440 U		
Benzene	1	87 U		
1,2-Dichloroethane	1	87 U		
Trichloroethene	1	250		
1,2-Dichloropropane	1	87 U		
Dibromomethane	1	87 U		
Bromodichloromethane	1	87 U		
cis-1,3-Dichloropropene	1	87 U		
4-Methyl-2-pentanone	1	440 U		
Toluene	1	640		
Ethyl methacrylate	1	440 U		
trans-1,3-Diebloropropene	1	87 U		
1,1,2-Trichloroethane	1	87 U		
Tetrachloroethene	1	64 J		
2-Hexanone	1	440 U		
Dibromochloromethane	1	87 U		
1,2-Dibromoethane	1	87 U		
Chlorobenzene	1	87 U		
Ethylbenzene	1	87 U		
1,1,1,2-Tetrachloroethane	1	87 U		

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Laucks Testing Laboratories
Preliminary Results
Printed on: 7/26/2007

Method: Purgeable Organic Compounds by GC/MS (8260B)

Client::	Tetra Tech NUS, Inc.	Project:	NSWC Crane VOA	
Sample ID:	08SB05072307	Lab sample ID:	VOA01-005	
Date/time collected:	07/23/2007 12:30	Date/time received:	07/24/2007 09:00	
Date/time prepared:	07/25/2007 08:41	SDG Number:	VOA01	Run Sequence ID: R019935

Preliminary Results

Analyte	DF	Result	Units	Date/time analyzed
Styrene	1	87 U	ug/kg	07/25/2007 18:08
Bromoform	1	87 U		
1,1,2,2-Tetrachloroethane	1	87 U		
trans-1,4-Dichloro-2-butene	1	440 U		
1,2,3-Trichloropropane	1	87 U		
1,2-Dibromo-3-chloropropane	1	87 U		
Dibromofluoromethane	1	106.2	%	
1,2-Dichloroethane-d4	1	100.5		
Toluene-d8	1	97.9		
4-Bromofluorobenzene	1	99.3		

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Laucks Testing Laboratories
Preliminary Results
Printed on: 7/26/2007

Method: Purgeable Organic Compounds by GC/MS (8260B)

Client::	Tetra Tech NUS, Inc.	Project:	NSWC Crane VOA
Sample ID:	08SB05072307-DL	Lab sample ID:	VOA01-005DL
Date/time collected:	07/23/2007 12:30	Date/time received:	07/24/2007 09:00
Date/time prepared:	07/26/2007 09:17	SDG Number:	VOA01 Run Sequence ID: R019944

Preliminary Results

Analyte	DF	Result	Units	Date/time analyzed
Xylenes, Total	50	4400 U	ug/kg	07/26/2007 13:47
Dichlorodifluoromethane	50	4400 U		
Chloromethane	50	4400 U		
Vinyl chloride	50	4400 U		
Bromomethane	50	4400 U		
Chloroethane	50	4400 U		
Trichlorofluoromethane	50	4400 U		
1,1-Dichloroethene	50	4400 U		
Acrolein	50	22000 U		
Acetone	50	22000 U		
Iodomethane	50	22000 U		
Carbon disulfide	50	4400 U		
Allyl chloride	50	22000 U		
Methylene chloride	50	4400 U		
Methyl tert-butyl ether	50	4400 U		
trans-1,2-Dichloroethene	50	4400 U		
Acrylonitrile	50	22000 U		
Vinyl acetate	50	22000 U		
1,1-Dichloroethane	50	9000		
Chloroprene	50	22000 U		
cis-1,2-Dichloroethene	50	120000		
2-Butanone	50	22000 U		
Methacrylonitrile	50	44000 U		

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Laucks Testing Laboratories
Preliminary Results
Printed on: 7/26/2007

Method: Purgeable Organic Compounds by GC/MS (8260B)

Client::	Tetra Tech NUS, Inc.	Project:	NSWC Crane VOA
Sample ID:	08SB05072307-DL	Lab sample ID:	VOA01-005DL
Date/time collected:	07/23/2007 12:30	Date/time received:	07/24/2007 09:00
Date/time prepared:	07/26/2007 09:17	SDG Number:	VOA01 Run Sequence ID: R019944

Preliminary Results

Analyte	DF	Result	Units	Date/time analyzed
Chloroform	50	4400 U	ug/kg	07/26/2007 13:47
1,1,1-Trichloroethane	50	69000		
Carbon tetrachloride	50	4400 U		
Methyl methacrylate	50	22000 U		
Benzene	50	4400 U		
1,2-Dichloroethane	50	4400 U		
Trichloroethene	50	4400 U		
1,2-Dichloropropane	50	4400 U		
Dibromomethane	50	4400 U		
Bromodichloromethane	50	4400 U		
cis-1,3-Dichloropropene	50	4400 U		
4-Methyl-2-pentanone	50	22000 U		
Toluene	50	4400 U		
Ethyl methacrylate	50	22000 U		
trans-1,3-Dichloropropene	50	4400 U		
1,1,2-Triehloroethane	50	4400 U		
Tetrachloroethene	50	4400 U		
2-Hexanone	50	22000 U		
Dibromoehloromethane	50	4400 U		
1,2-Dibromoethane	50	4400 U		
Chlorobenzene	50	4400 U		
Ethylbenzene	50	4400 U		
1,1,1,2-Tetrachloroethane	50	4400 U		

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Laucks Testing Laboratories
Preliminary Results
Printed on: 7/26/2007

Method: Purgeable Organic Compounds by GC/MS (8260B)

Client::	Tetra Tech NUS, Inc.	Project:	NSWC Crane VOA
Sample ID:	08SB05072307-DL	Lab sample ID:	VOA01-005DL
Date/time collected:	07/23/2007 12:30	Date/time received:	07/24/2007 09:00
Date/time prepared:	07/26/2007 09:17	SDG Number:	VOA01 Run Sequence ID: R019944

Preliminary Results

Analyte	DF	Result	Units	Date/time analyzed
Styrene	50	4400 U	ug/kg	07/26/2007 13:47
Bromoform	50	4400 U		
1,1,2,2-Tetrachloroethane	50	4400 U		
trans-1,4-Dichloro-2-butene	50	22000 U		
1,2,3-Trichloropropane	50	4400 U		
1,2-Dibromo-3-chloropropane	50	4400 U		
Dibromofluoromethane	50	101.3	%	
1,2-Dichloroethane-d4	50	102.2		
Toluene-d8	50	95.8		
4-Bromofluorobenzene	50	99.6		

Laucks does not certify that these results meet NELAC Standards because all NELAC required elements are not included in the facsimile. Pease refer to the full report to review all NELAC required elements.

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Laucks
Testing Laboratories, Inc.

940 South Harney St.
Seattle, WA 98108
(206) 767-5060 FAX (206) 767-5063

FAX Cover Sheet

To: Ralph Basinski
FAX Number:
Company: TENUS
Date: 7/27/07
From: Elaine Walker
No. of Pages (including cover page): 6

Preliminary Results for: cc: Ed Sedlmeyer

Workorders(s): NA

SDG (s): VOA01

Analysis: 8260 TCLP

Verified by: [illegible]

Do these samples need to be re-analyzed? Yes (No)
If yes, which samples?:
Reason:

The preliminary results for the re-analysis will be faxed on (date):

Laucks does not certify that these results meet NELAC Standards because all NELAC required elements are not included in the facsimile. Please refer to the full report to review all NELAC required elements.

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Laucks Testing Laboratories
Preliminary Results
Printed on: 7/27/2007

Method: Purgeable Organic Compounds by GC/MS (8260B)

Client::	Tetra Tech NUS, Inc.	Project:	NSWC Crane VOA
Sample ID:	08SB01072307	Lab sample ID:	VOA01-001
Date/time collected:	07/23/2007 08:38	Date/time received:	07/24/2007 09:00
Date/time prepared:	07/27/2007 08:21	SDG Number:	VOA01 Run Sequence ID: R019974

Preliminary Results

Analyte	DF	Result	Units	Date/time analyzed
Vinyl chloride	50	50 U	ug/L	07/27/2007 10:20
1,1-Dichloroethene	50	93		
2-Butanone	50	250 U		
Chloroform	50	50 U		
Carbon tetrachloride	50	50 U		
Benzene	50	50 U		
1,2-Dichloroethane	50	50 U		
Trichloroethene	50	62		
Tetrachloroethene	50	50 U		
Chlorobenzene	50	50 U		
Dibromofluoromethane	50	104.9	%	
1,2-Dichloroethane-d4	50	102.9		
Toluene-d8	50	95.3		
4-Bromofluorobenzene	50	101.4		

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Laucks Testing Laboratories
Preliminary Results
Printed on: 7/27/2007

Method: Purgeable Organic Compounds by GC/MS (8260B)

Client::	Tetra Tech NUS, Inc.	Project:	NSWC Crane VOA
Sample ID:	08SB02072307	Lab sample ID:	VOA01-002
Date/time collected:	07/23/2007 09:41	Date/time received:	07/24/2007 09:00
Date/time prepared:	07/27/2007 08:21	SDG Number:	VOA01 Run Sequence ID: R019974

Preliminary Results

Analyte	DF	Result	Units	Date/time analyzed
Vinyl chloride	50	50 U	ug/L	07/27/2007 10:45
1,1-Dichloroethene	50	91		
2-Butanone	50	250 U		
Chloroform	50	50 U		
Carbon tetrachloride	50	50 U		
Benzene	50	50 U		
1,2-Dichloroethane	50	50 U		
Trichloroethene	50	220		
Tetrachloroethene	50	50 U		
Chlorobenzene	50	50 U		
Dibromofluoromethane	50	107.3	%	
1,2-Dichloroethane-d4	50	102.2		
Toluene-d8	50	95.8		
4-Bromofluorobenzene	50	102		

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Laucks Testing Laboratories
Preliminary Results
Printed on: 7/27/2007

Method: Purgeable Organic Compounds by GC/MS (8260B)

Client::	Tetra Tech NUS, Inc.	Project:	NSWC Crane VOA
Sample ID:	08SB03072307	Lab sample ID:	VOA01-003
Date/time collected:	07/23/2007 10:51	Date/time received:	07/24/2007 09:00
Date/time prepared:	07/27/2007 08:21	SDG Number:	VOA01 Run Sequence ID: R019974

Preliminary Results

Analyte	DF	Result	Units	Date/time analyzed
Vinyl chloride	50	310	ug/L	07/27/2007 11:09
1,1-Dichloroethene	50	28 J		
2-Butanone	50	250 U		
Chloroform	50	50 U		
Carbon tetrachloride	50	50 U		
Benzene	50	50 U		
1,2-Dichloroethane	50	50 U		
Trichloroethene	50	50 U		
Tetrachloroethene	50	50 U		
Chlorobenzene	50	50 U		
Dibromofluoromethane	50	105.2	%	
1,2-Dichloroethane-d4	50	102.4		
Toluene-d8	50	95		
4-Bromofluorobenzene	50	101.2		

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Laucks Testing Laboratories
Preliminary Results
Printed on: 7/27/2007

Method: Purgeable Organic Compounds by GC/MS (8260B)

Client::	Tetra Tech NUS, Inc.	Project:	NSWC Crane VOA
Sample ID:	08SB04072307	Lab sample ID:	VOA01-004
Date/time collected:	07/23/2007 11:50	Date/time received:	07/24/2007 09:00
Date/time prepared:	07/27/2007 08:21	SDG Number:	VOA01 Run Sequence ID: R019974

Preliminary Results

Analyte	DF	Result	Units	Date/time analyzed
Vinyl chloride	50	50 U	ug/L	07/27/2007 11:34
1,1-Dichloroethene	50	57		
2-Butanone	50	250 U		
Chloroform	50	50 U		
Carbon tetrachloride	50	50 U		
Benzene	50	50 U		
1,2-Dichloroethane	50	50 U		
Trichloroethene	50	50 U		
Tetrachloroethene	50	50 U		
Chlorobenzene	50	50 U		
Dibromofluoromethane	50	105.7	%	
1,2-Dichloroethane-d4	50	102.6		
Toluene-d8	50	93.5		
4-Bromofluorobenzene	50	102.3		

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Laucks Testing Laboratories
Preliminary Results
Printed on: 7/27/2007

Method: Purgeable Organic Compounds by GC/MS (8260B)

Client::	Tetra Tech NUS, Inc.	Project:	NSWC Crane VOA
Sample ID:	08SB05072307	Lab sample ID:	VOA01-005
Date/time collected:	07/23/2007 12:30	Date/time received:	07/24/2007 09:00
Date/time prepared:	07/27/2007 08:21	SDG Number:	VOA01 Run Sequence ID: R019974

Preliminary Results

Analyte	DF	Result	Units	Date/time analyzed
Vinyl chloride	50	50 U	ug/L	07/27/2007 12:00
1,1-Dichloroethene	50	64		
2-Butanone	50	250 U		
Chloroform	50	50 U		
Carbon tetrachloride	50	50 U		
Benzene	50	50 U		
1,2-Dichloroethane	50	50 U		
Trichloroethene	50	50 U		
Tetrachloroethene	50	50 U		
Chlorobenzene	50	50 U		
Dibromofluoromethane	50	105.2	%	
1,2-Dichloroethane-d4	50	103.9		
Toluene-d8	50	95		
4-Bromofluorobenzene	50	101.9		

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APPENDIX B

Analytical Sampling Results of Water Following Airstripping

SEVERN TRENT LABORATORIES, INC.

PRELIMINARY DATA SUMMARY

The results shown below may still require additional laboratory review and are subject to change. Actions taken based on these results are the responsibility of the data user.

Toltest, Inc.

Lot #: A7E090137 POND 106 - CRANE, IN **Date Reported:** 5/11/07

Client Sample ID: PD1065807

Sample #: 001 Date Sampled: 05/08/07 13:00 Date Received: 05/09/07 Matrix: WATER

PARAMETER		RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD	
Mercury in Liquid Waste (Manual Cold-Vapor) TCLP						Reviewed
Mercury	TCLP	ND	0.0020	mg/L	SW846 7470A	
Inductively Coupled Plasma (ICP) Metals TCLP						Reviewed
Silver	TCLP	ND	0.50	mg/L	SW846 6010B	
Arsenic	TCLP	ND	0.50	mg/L	SW846 6010B	
Barium	**TCLP**	**0.050 B**	**10.0**	**mg/L**	**SW846 6010B**	
Cadmium	TCLP	ND	0.10	mg/L	SW846 6010B	
Chromium	TCLP	ND	0.50	mg/L	SW846 6010B	
Lead	TCLP	ND	0.50	mg/L	SW846 6010B	
Selenium	TCLP	ND	0.25	mg/L	SW846 6010B	

B Estimated result. Result is less than RL.

Volatile Organics by GC/MS TCLP						Reviewed
Benzene		ND	0.025	mg/L	SW846 8260B	
2-Butanone (MEK)		ND	0.25	mg/L	SW846 8260B	
Carbon tetrachloride		ND	0.025	mg/L	SW846 8260B	
Chlorobenzene		ND	0.025	mg/L	SW846 8260B	
Chloroform		ND	0.025	mg/L	SW846 8260B	
1,2-Dichloroethane		ND	0.025	mg/L	SW846 8260B	
1,1-Dichloroethylene		ND	0.070	mg/L	SW846 8260B	
Tetrachloroethylene		ND	0.070	mg/L	SW846 8260B	
Trichloroethylene		ND	0.050	mg/L	SW846 8260B	
Vinyl chloride		ND	0.025	mg/L	SW846 8260B	
Semivolatile Organic Compounds by GC/MS TCLP						Reviewed
o-Cresol		ND	0.0040	mg/L	SW846 8270C	
m-Cresol & p-Cresol		ND	0.040	mg/L	SW846 8270C	
1,4-Dichlorobenzene		ND	0.0040	mg/L	SW846 8270C	
2,4-Dinitrotoluene		ND	0.020	mg/L	SW846 8270C	
Hexachlorobenzene		ND	0.020	mg/L	SW846 8270C	
Hexachlorobutadiene		ND	0.020	mg/L	SW846 8270C	
Hexachloroethane		ND	0.020	mg/L	SW846 8270C	
Nitrobenzene		ND	0.0040	mg/L	SW846 8270C	
Pentachlorophenol		ND	0.040	mg/L	SW846 8270C	

(Continued on next page)

SEVERN TRENT LABORATORIES, INC.

PRELIMINARY DATA SUMMARY

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Toltest, Inc.

Lot #: A7E090137 POND 106 - CRANE, IN **Date Reported:** 5/11/07

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD	
Client Sample ID: PD1065807					
Sample #: 001 Date Sampled: 05/08/07 13:00 Date Received: 05/09/07 Matrix: WATER					
Semivolatile Organic Compounds by GC/MS TCLP					Reviewed
Pyridine	ND	0.020	mg/L	SW846 8270C	
2,4,5-Trichloro-phenol	ND	0.020	mg/L	SW846 8270C	
2,4,6-Trichloro-phenol	ND	0.020	mg/L	SW846 8270C	
Client Sample ID: TRIP BLANK					
Sample #: 002 Date Sampled: 05/08/07 13:00 Date Received: 05/09/07 Matrix: WATER					

SEVERN TRENT LABORATORIES, INC.

PRELIMINARY DATA SUMMARY

The results shown below may still require additional laboratory review and are subject to change. Actions taken based on these results are the responsibility of the data user.

Toltest, Inc.

Lot #: A7E190133 POND 106 - CRANE IN **Date Reported:** 5/24/07

Client Sample ID: PD106W51707

Sample #: 001 Date Sampled: 05/17/07 19:00 Date Received: 05/19/07 Matrix: WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD	
Trace Inductively Coupled Plasma (ICP) Metals					Reviewed
Arsenic	ND	10.0	ug/L	SW846 6010B	
Lead	**18.9**	**3.0**	**ug/L**	**SW846 6010B**	
Selenium	ND	5.0	ug/L	SW846 6010B	
Thallium	ND	10.0	ug/L	SW846 6010B	
Inductively Coupled Plasma (ICP) Metals					Reviewed
Silver	ND	10.0	ug/L	SW846 6010B	
Aluminum	**414**	**200**	**ug/L**	**SW846 6010B**	
Barium	**59.5 B**	**200**	**ug/L**	**SW846 6010B**	
Beryllium	ND	5.0	ug/L	SW846 6010B	
Calcium	**54500**	**5000**	**ug/L**	**SW846 6010B**	
Cadmium	**0.59 B**	**5.0**	**ug/L**	**SW846 6010B**	
Cobalt	ND	50.0	ug/L	SW846 6010B	
Chromium	**3.4 B**	**10.0**	**ug/L**	**SW846 6010B**	
Copper	**21.4 B**	**25.0**	**ug/L**	**SW846 6010B**	
Iron	**1080**	**100**	**ug/L**	**SW846 6010B**	
Potassium	**2680 B**	**5000**	**ug/L**	**SW846 6010B**	
Magnesium	**8260**	**5000**	**ug/L**	**SW846 6010B**	
Manganese	**210**	**15.0**	**ug/L**	**SW846 6010B**	
Sodium	**25200**	**5000**	**ug/L**	**SW846 6010B**	
Nickel	**6.1 B**	**40.0**	**ug/L**	**SW846 6010B**	
Antimony	ND	60.0	ug/L	SW846 6010B	
Vanadium	ND	50.0	ug/L	SW846 6010B	
Zinc	**40.9**	**20.0**	**ug/L**	**SW846 6010B**	
Mercury in Liquid Waste (Manual Cold-Vapor)					Reviewed
Mercury	ND	0.20	ug/L	SW846 7470A	

B Estimated result. Result is less than RL.

Volatile Organics by GC/MS					Reviewed
Acetone	**2.4 J**	**10**	**ug/L**	**SW846 8260B**	
Benzene	ND	1.0	ug/L	SW846 8260B	
Bromodichloromethane	ND	1.0	ug/L	SW846 8260B	
Bromoform	ND	1.0	ug/L	SW846 8260B	
Bromomethane	ND	1.0	ug/L	SW846 8260B	

(Continued on next page)

SEVERN TRENT LABORATORIES, INC.

PRELIMINARY DATA SUMMARY

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Toltest, Inc.

Lot #: A7E190133 POND 106 - CRANE IN **Date Reported:** 5/24/07

Client Sample ID: PD106W51707

Sample #: 001 Date Sampled: 05/17/07 19:00 Date Received: 05/19/07 Matrix: WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD	
Volatile Organics by GC/MS					Reviewed
2-Butanone	ND	10	ug/L	SW846 8260B	
Carbon disulfide	ND	1.0	ug/L	SW846 8260B	
Carbon tetrachloride	ND	1.0	ug/L	SW846 8260B	
Chlorobenzene	ND	1.0	ug/L	SW846 8260B	
Dibromochloromethane	ND	1.0	ug/L	SW846 8260B	
Chloroethane	ND	1.0	ug/L	SW846 8260B	
Chloroform	ND	1.0	ug/L	SW846 8260B	
Chloromethane	ND	1.0	ug/L	SW846 8260B	
Cyclohexane	ND	1.0	ug/L	SW846 8260B	
1,2-Dibromo-3-chloro-propane	ND	2.0	ug/L	SW846 8260B	
1,2-Dibromoethane	ND	1.0	ug/L	SW846 8260B	
1,2-Dichlorobenzene	ND	1.0	ug/L	SW846 8260B	
1,3-Dichlorobenzene	ND	1.0	ug/L	SW846 8260B	
1,4-Dichlorobenzene	ND	1.0	ug/L	SW846 8260B	
Dichlorodifluoromethane	ND	1.0	ug/L	SW846 8260B	
1,1-Dichloroethane	**0.92 J**	**1.0**	**ug/L**	**SW846 8260B**	
1,2-Dichloroethane	ND	1.0	ug/L	SW846 8260B	
cis-1,2-Dichloroethene	**1.3**	**1.0**	**ug/L**	**SW846 8260B**	
trans-1,2-Dichloroethene	ND	1.0	ug/L	SW846 8260B	
1,1-Dichloroethene	**0.77 J**	**1.0**	**ug/L**	**SW846 8260B**	
1,2-Dichloropropane	ND	1.0	ug/L	SW846 8260B	
cis-1,3-Dichloropropene	ND	1.0	ug/L	SW846 8260B	
trans-1,3-Dichloropropene	ND	1.0	ug/L	SW846 8260B	
Ethylbenzene	ND	1.0	ug/L	SW846 8260B	
2-Hexanone	ND	10	ug/L	SW846 8260B	
Isopropylbenzene	ND	1.0	ug/L	SW846 8260B	
Methyl acetate	ND	10	ug/L	SW846 8260B	
Methylcyclohexane	ND	1.0	ug/L	SW846 8260B	
Methylene chloride	ND	1.0	ug/L	SW846 8260B	
4-Methyl-2-pentanone	ND	10	ug/L	SW846 8260B	
Methyl tert-butyl ether	ND	5.0	ug/L	SW846 8260B	
Styrene	ND	1.0	ug/L	SW846 8260B	
1,1,2,2-Tetrachloroethane	ND	1.0	ug/L	SW846 8260B	
Tetrachloroethene	ND	1.0	ug/L	SW846 8260B	
Toluene	ND	1.0	ug/L	SW846 8260B	
1,2,4-Trichloro-benzene	ND	1.0	ug/L	SW846 8260B	

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SEVERN TRENT LABORATORIES, INC.

PRELIMINARY DATA SUMMARY

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Toltest, Inc.

Lot #: A7E190133 POND 106 - CRANE IN **Date Reported:** 5/24/07

Client Sample ID: PD106W51707

Sample #: 001 Date Sampled: 05/17/07 19:00 Date Received: 05/19/07 Matrix: WATER

Volatile Organics by GC/MS — Reviewed

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD
1,1,1-Trichloroethane	**19**	**1.0**	**ug/L**	**SW846 8260B**
1,1,2-Trichloroethane	ND	1.0	ug/L	SW846 8260B
Trichloroethene	**22**	**1.0**	**ug/L**	**SW846 8260B**
Trichlorofluoromethane	ND	1.0	ug/L	SW846 8260B
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	1.0	ug/L	SW846 8260B
Vinyl chloride	ND	1.0	ug/L	SW846 8260B
Xylenes (total)	ND	2.0	ug/L	SW846 8260B

J Estimated result. Result is less than RL.

Volatile Organics by GC/MS TCLP — Reviewed

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD
Acetone	**5.4 J**	**250**	**ug/L**	**SW846 8260B**
Benzene	ND	25	ug/L	SW846 8260B
Bromodichloromethane	ND	25	ug/L	SW846 8260B
Bromoform	ND	25	ug/L	SW846 8260B
Bromomethane	ND	50	ug/L	SW846 8260B
2-Butanone (MEK)	ND	250	ug/L	SW846 8260B
Carbon disulfide	ND	25	ug/L	SW846 8260B
Carbon tetrachloride	ND	25	ug/L	SW846 8260B
Chlorobenzene	ND	25	ug/L	SW846 8260B
Dibromochloromethane	ND	25	ug/L	SW846 8260B
Chloroethane	ND	50	ug/L	SW846 8260B
Chloroform	ND	25	ug/L	SW846 8260B
Chloromethane	ND	50	ug/L	SW846 8260B
Cyclohexanone	ND	600	ug/L	SW846 8260B
1,2-Dichlorobenzene	ND	25	ug/L	SW846 8260B
1,4-Dichlorobenzene	ND	750	ug/L	SW846 8260B
1,1-Dichloroethane	ND	25	ug/L	SW846 8260B
1,2-Dichloroethane	ND	25	ug/L	SW846 8260B
cis-1,2-Dichloroethene	ND	25	ug/L	SW846 8260B
trans-1,2-Dichloroethene	ND	25	ug/L	SW846 8260B
1,1-Dichloroethene	ND	70	ug/L	SW846 8260B
1,2-Dichloropropane	ND	25	ug/L	SW846 8260B
cis-1,3-Dichloropropene	ND	25	ug/L	SW846 8260B
trans-1,3-Dichloropropene	ND	25	ug/L	SW846 8260B

(Continued on next page)

SEVERN TRENT LABORATORIES, INC.

PRELIMINARY DATA SUMMARY

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Toltest, Inc.

Lot #: A7E190133 POND 106 - CRANE IN **Date Reported:** 5/24/07

Client Sample ID: PD106W51707
Sample #: 001 Date Sampled: 05/17/07 19:00 Date Received: 05/19/07 Matrix: WATER

Volatile Organics by GC/MS TCLP — Reviewed

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD
Ethylbenzene	ND	25	ug/L	SW846 8260B
2-Hexanone	ND	250	ug/L	SW846 8260B
Methylene chloride	ND	25	ug/L	SW846 8260B
4-Methyl-2-pentanone	ND	250	ug/L	SW846 8260B
Styrene	ND	25	ug/L	SW846 8260B
1,1,2,2-Tetrachloroethane	ND	25	ug/L	SW846 8260B
Tetrachloroethene	ND	70	ug/L	SW846 8260B
Toluene	ND	25	ug/L	SW846 8260B
1,1,1-Trichloroethane	**12 J**	**25**	**ug/L**	**SW846 8260B**
1,1,2-Trichloroethane	ND	25	ug/L	SW846 8260B
Trichloroethene	**17 J**	**50**	**ug/L**	**SW846 8260B**
Trichlorofluoromethane	ND	25	ug/L	SW846 8260B
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	25	ug/L	SW846 8260B
Vinyl chloride	ND	25	ug/L	SW846 8260B
Xylenes (total)	ND	25	ug/L	SW846 8260B

J Estimated result. Result is less than RL.

Semivolatile Organic Compounds by GC/MS TCLP — Reviewed

Acenaphthene	ND	40	ug/L	SW846 8270C
Acenaphthylene	ND	40	ug/L	SW846 8270C
Acetophenone	ND	40	ug/L	SW846 8270C
Anthracene	ND	40	ug/L	SW846 8270C
Atrazine	ND	40	ug/L	SW846 8270C
Benzaldehyde	ND	40	ug/L	SW846 8270C
Benzo(a)anthracene	ND	40	ug/L	SW846 8270C
Benzo(b)fluoranthene	ND	40	ug/L	SW846 8270C
Benzo(k)fluoranthene	ND	40	ug/L	SW846 8270C
Benzo(ghi)perylene	ND	40	ug/L	SW846 8270C
Benzo(a)pyrene	ND	40	ug/L	SW846 8270C
1,1'-Biphenyl	ND	40	ug/L	SW846 8270C
bis(2-Chloroethoxy) methane	ND	40	ug/L	SW846 8270C
bis(2-Chloroethyl)-ether	ND	40	ug/L	SW846 8270C

(Continued on next page)

SEVERN TRENT LABORATORIES, INC.

PRELIMINARY DATA SUMMARY

The results shown below may still require additional laboratory review and are subject to change. Actions taken based on these results are the responsibility of the data user.

Toltest, Inc.

Lot #: A7E190133 POND 106 - CRANE IN **Date Reported:** 5/24/07

Client Sample ID: PD106W51707

Sample #: 001 Date Sampled: 05/17/07 19:00 Date Received: 05/19/07 Matrix: WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD	
Semivolatile Organic Compounds by GC/MS TCLP					Reviewed
bis(2-Ethylhexyl) phthalate	**5.0 J**	**40**	**ug/L**	**SW846 8270C**	
4-Bromophenyl phenyl ether	ND	40	ug/L	SW846 8270C	
Butyl benzyl phthalate	ND	40	ug/L	SW846 8270C	
Caprolactam	**4.5 J**	**40**	**ug/L**	**SW846 8270C**	
Carbazole	ND	40	ug/L	SW846 8270C	
4-Chloroaniline	ND	40	ug/L	SW846 8270C	
4-Chloro-3-methylphenol	ND	40	ug/L	SW846 8270C	
2-Chloronaphthalene	ND	40	ug/L	SW846 8270C	
2-Chlorophenol	ND	40	ug/L	SW846 8270C	
4-Chlorophenyl phenyl ether	ND	40	ug/L	SW846 8270C	
Chrysene	ND	40	ug/L	SW846 8270C	
Dibenz(a,h)anthracene	ND	40	ug/L	SW846 8270C	
Dibenzofuran	ND	40	ug/L	SW846 8270C	
Di-n-butyl phthalate	ND	40	ug/L	SW846 8270C	
1,4-Dichlorobenzene	ND	16	ug/L	SW846 8270C	
3,3'-Dichlorobenzidine	ND	200	ug/L	SW846 8270C	
2,4-Dichlorophenol	ND	40	ug/L	SW846 8270C	
Diethyl phthalate	ND	40	ug/L	SW846 8270C	
2,4-Dimethylphenol	ND	40	ug/L	SW846 8270C	
Dimethyl phthalate	ND	40	ug/L	SW846 8270C	
4,6-Dinitro-2-methylphenol	ND	200	ug/L	SW846 8270C	
2,4-Dinitrophenol	ND	200	ug/L	SW846 8270C	
2,4-Dinitrotoluene	ND	80	ug/L	SW846 8270C	
2,6-Dinitrotoluene	ND	40	ug/L	SW846 8270C	
Di-n-octyl phthalate	ND	40	ug/L	SW846 8270C	
Fluoranthene	ND	40	ug/L	SW846 8270C	
Fluorene	ND	40	ug/L	SW846 8270C	
Hexachlorobenzene	ND	80	ug/L	SW846 8270C	
Hexachlorobutadiene	ND	80	ug/L	SW846 8270C	
Hexachlorocyclopenta-diene	ND	200	ug/L	SW846 8270C	
Hexachloroethane	ND	80	ug/L	SW846 8270C	
Indeno(1,2,3-cd)pyrene	ND	40	ug/L	SW846 8270C	

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SEVERN TRENT LABORATORIES, INC.

PRELIMINARY DATA SUMMARY

The results shown below may still require additional laboratory review and are subject to change. Actions taken based on these results are the responsibility of the data user.

Toltest, Inc.

Lot #: A7E190133 POND 106 - CRANE IN **Date Reported:** 5/24/07

Client Sample ID: PD106W51707
Sample #: 001 Date Sampled: 05/17/07 19:00 Date Received: 05/19/07 Matrix: WATER

Semivolatile Organic Compounds by GC/MS TCLP — Reviewed

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD
Isophorone	ND	40	ug/L	SW846 8270C
2-Methylnaphthalene	ND	40	ug/L	SW846 8270C
2-Methylphenol	ND	16	ug/L	SW846 8270C
4-Methylphenol	ND	200	ug/L	SW846 8270C
Naphthalene	ND	40	ug/L	SW846 8270C
2-Nitroaniline	ND	200	ug/L	SW846 8270C
3-Nitroaniline	ND	200	ug/L	SW846 8270C
4-Nitroaniline	ND	200	ug/L	SW846 8270C
Nitrobenzene	ND	16	ug/L	SW846 8270C
2-Nitrophenol	ND	40	ug/L	SW846 8270C
4-Nitrophenol	ND	200	ug/L	SW846 8270C
N-Nitrosodiphenylamine	ND	40	ug/L	SW846 8270C
N-Nitrosodi-n-propyl-amine	ND	40	ug/L	SW846 8270C
Pentachlorophenol	ND	160	ug/L	SW846 8270C
Phenanthrene	ND	40	ug/L	SW846 8270C
Phenol	ND	40	ug/L	SW846 8270C
2,2'-oxybis(1-Chloro-propane)	ND	40	ug/L	SW846 8270C
Pyrene	ND	40	ug/L	SW846 8270C
Pyridine	ND	80	ug/L	SW846 8270C
2,4,5-Trichloro-phenol	ND	80	ug/L	SW846 8270C
2,4,6-Trichloro-phenol	ND	80	ug/L	SW846 8270C

J Estimated result. Result is less than RL.

Client Sample ID: TRIP BLANK
Sample #: 002 Date Sampled: 05/17/07 19:00 Date Received: 05/19/07 Matrix: WATER

Volatile Organics by GC/MS — Reviewed

Acetone	ND	10	ug/L	SW846 8260B
Benzene	ND	1.0	ug/L	SW846 8260B
Bromodichloromethane	ND	1.0	ug/L	SW846 8260B

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SEVERN TRENT LABORATORIES, INC.

PRELIMINARY DATA SUMMARY

The results shown below may still require additional laboratory review and are subject to change. Actions taken based on these results are the responsibility of the data user.

Toltest, Inc.

Lot #: A7E190133 POND 106 - CRANE IN **Date Reported:** 5/24/07

Client Sample ID: TRIP BLANK

Sample #: 002 Date Sampled: 05/17/07 19:00 Date Received: 05/19/07 Matrix: WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD	
Volatile Organics by GC/MS					Reviewed
Bromoform	ND	1.0	ug/L	SW846 8260B	
Bromomethane	ND	1.0	ug/L	SW846 8260B	
2-Butanone	ND	10	ug/L	SW846 8260B	
Carbon disulfide	ND	1.0	ug/L	SW846 8260B	
Carbon tetrachloride	ND	1.0	ug/L	SW846 8260B	
Chlorobenzene	ND	1.0	ug/L	SW846 8260B	
Dibromochloromethane	ND	1.0	ug/L	SW846 8260B	
Chloroethane	ND	1.0	ug/L	SW846 8260B	
Chloroform	ND	1.0	ug/L	SW846 8260B	
Chloromethane	ND	1.0	ug/L	SW846 8260B	
Cyclohexane	ND	1.0	ug/L	SW846 8260B	
1,2-Dibromo-3-chloro-propane	ND	2.0	ug/L	SW846 8260B	
1,2-Dibromoethane	ND	1.0	ug/L	SW846 8260B	
1,2-Dichlorobenzene	ND	1.0	ug/L	SW846 8260B	
1,3-Dichlorobenzene	ND	1.0	ug/L	SW846 8260B	
1,4-Dichlorobenzene	ND	1.0	ug/L	SW846 8260B	
Dichlorodifluoromethane	ND	1.0	ug/L	SW846 8260B	
1,1-Dichloroethane	ND	1.0	ug/L	SW846 8260B	
1,2-Dichloroethane	ND	1.0	ug/L	SW846 8260B	
cis-1,2-Dichloroethene	ND	1.0	ug/L	SW846 8260B	
trans-1,2-Dichloroethene	ND	1.0	ug/L	SW846 8260B	
1,1-Dichloroethene	ND	1.0	ug/L	SW846 8260B	
1,2-Dichloropropane	ND	1.0	ug/L	SW846 8260B	
cis-1,3-Dichloropropene	ND	1.0	ug/L	SW846 8260B	
trans-1,3-Dichloropropene	ND	1.0	ug/L	SW846 8260B	
Ethylbenzene	ND	1.0	ug/L	SW846 8260B	
2-Hexanone	ND	10	ug/L	SW846 8260B	
Isopropylbenzene	ND	1.0	ug/L	SW846 8260B	
Methyl acetate	ND	10	ug/L	SW846 8260B	
Methylcyclohexane	ND	1.0	ug/L	SW846 8260B	
Methylene chloride	ND	1.0	ug/L	SW846 8260B	
4-Methyl-2-pentanone	ND	10	ug/L	SW846 8260B	
Methyl tert-butyl ether	ND	5.0	ug/L	SW846 8260B	
Styrene	ND	1.0	ug/L	SW846 8260B	
1,1,2,2-Tetrachloroethane	ND	1.0	ug/L	SW846 8260B	
Tetrachloroethene	ND	1.0	ug/L	SW846 8260B	

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SEVERN TRENT LABORATORIES, INC.

PRELIMINARY DATA SUMMARY

The results shown below may still require additional laboratory review and are subject to change. Actions taken based on these results are the responsibility of the data user.

Toltest, Inc. PAGE 8

Lot #: A7E190133 POND 106 - CRANE IN **Date Reported:** 5/24/07

Client Sample ID: TRIP BLANK

Sample #: 002 Date Sampled: 05/17/07 19:00 Date Received: 05/19/07 Matrix: WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD	
Volatile Organics by GC/MS					Reviewed
Toluene	ND	1.0	ug/L	SW846 8260B	
1,2,4-Trichloro-benzene	ND	1.0	ug/L	SW846 8260B	
1,1,1-Trichloroethane	ND	1.0	ug/L	SW846 8260B	
1,1,2-Trichloroethane	ND	1.0	ug/L	SW846 8260B	
Trichloroethene	ND	1.0	ug/L	SW846 8260B	
Trichlorofluoromethane	ND	1.0	ug/L	SW846 8260B	
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	1.0	ug/L	SW846 8260B	
Vinyl chloride	ND	1.0	ug/L	SW846 8260B	
Xylenes (total)	ND	2.0	ug/L	SW846 8260B	

SEVERN TRENT LABORATORIES, INC.

PRELIMINARY DATA SUMMARY

The results shown below may still require additional laboratory review and are subject to change. Actions taken based on these results are the responsibility of the data user.

Toltest, Inc.

Lot #: A7E220146 POND 106 CRANE **Date Reported:** 5/25/07

Client Sample ID: PD1062D52107

Sample #: 001 Date Sampled: 05/21/07 09:20 Date Received: 05/22/07 Matrix: WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD	
Trace Inductively Coupled Plasma (ICP) Metals					Reviewed
Arsenic	ND	10.0	ug/L	SW846 6010B	
Lead	ND	3.0	ug/L	SW846 6010B	
Selenium	ND	5.0	ug/L	SW846 6010B	
Thallium	**5.7 B**	**10.0**	**ug/L**	**SW846 6010B**	
Inductively Coupled Plasma (ICP) Metals					Reviewed
Silver	ND	10.0	ug/L	SW846 6010B	
Aluminum	ND	200	ug/L	SW846 6010B	
Barium	**50.8 B**	**200**	**ug/L**	**SW846 6010B**	
Beryllium	ND	5.0	ug/L	SW846 6010B	
Calcium	**56800**	**5000**	**ug/L**	**SW846 6010B**	
Cadmium	**0.44 B**	**5.0**	**ug/L**	**SW846 6010B**	
Cobalt	**1.5 B**	**50.0**	**ug/L**	**SW846 6010B**	
Chromium	ND	10.0	ug/L	SW846 6010B	
Copper	**7.3 B**	**25.0**	**ug/L**	**SW846 6010B**	
Iron	**3400**	**100**	**ug/L**	**SW846 6010B**	
Potassium	**2720 B**	**5000**	**ug/L**	**SW846 6010B**	
Magnesium	**8910**	**5000**	**ug/L**	**SW846 6010B**	
Manganese	**394**	**15.0**	**ug/L**	**SW846 6010B**	
Sodium	**27500**	**5000**	**ug/L**	**SW846 6010B**	
Nickel	**3.6 B**	**40.0**	**ug/L**	**SW846 6010B**	
Antimony	ND	60.0	ug/L	SW846 6010B	
Vanadium	ND	50.0	ug/L	SW846 6010B	
Zinc	**7.0 B**	**20.0**	**ug/L**	**SW846 6010B**	
Mercury in Liquid Waste (Manual Cold-Vapor)					Reviewed
Mercury	ND	0.20	ug/L	SW846 7470A	

B Estimated result. Result is less than RL.

Volatile Organics by GC/MS					Reviewed
Acetone	**3.8 J**	**10**	**ug/L**	**SW846 8260B**	
Benzene	ND	1.0	ug/L	SW846 8260B	
Bromodichloromethane	ND	1.0	ug/L	SW846 8260B	
Bromoform	ND	1.0	ug/L	SW846 8260B	
Bromomethane	ND	1.0	ug/L	SW846 8260B	

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SEVERN TRENT LABORATORIES, INC.

PRELIMINARY DATA SUMMARY

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Toltest, Inc.
POND 106 CRANE

Lot #: A7E220146 **Date Reported:** 5/25/07

Client Sample ID: PD1062D52107
Sample #: 001 Date Sampled: 05/21/07 09:20 Date Received: 05/22/07 Matrix: WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD	
Volatile Organics by GC/MS					Reviewed
2-Butanone	ND	10	ug/L	SW846 8260B	
Carbon disulfide	ND	1.0	ug/L	SW846 8260B	
Carbon tetrachloride	ND	1.0	ug/L	SW846 8260B	
Chlorobenzene	ND	1.0	ug/L	SW846 8260B	
Dibromochloromethane	ND	1.0	ug/L	SW846 8260B	
Chloroethane	**0.32 J**	**1.0**	**ug/L**	**SW846 8260B**	
Chloroform	ND	1.0	ug/L	SW846 8260B	
Chloromethane	ND	1.0	ug/L	SW846 8260B	
Cyclohexane	ND	1.0	ug/L	SW846 8260B	
1,2-Dibromo-3-chloro-propane	ND	2.0	ug/L	SW846 8260B	
1,2-Dibromoethane	ND	1.0	ug/L	SW846 8260B	
1,2-Dichlorobenzene	ND	1.0	ug/L	SW846 8260B	
1,3-Dichlorobenzene	ND	1.0	ug/L	SW846 8260B	
1,4-Dichlorobenzene	ND	1.0	ug/L	SW846 8260B	
Dichlorodifluoromethane	ND	1.0	ug/L	SW846 8260B	
1,1-Dichloroethane	**2.2**	**1.0**	**ug/L**	**SW846 8260B**	
1,2-Dichloroethane	ND	1.0	ug/L	SW846 8260B	
cis-1,2-Dichloroethene	**3.9**	**1.0**	**ug/L**	**SW846 8260B**	
trans-1,2-Dichloroethene	ND	1.0	ug/L	SW846 8260B	
1,1-Dichloroethene	ND	1.0	ug/L	SW846 8260B	
1,2-Dichloropropane	ND	1.0	ug/L	SW846 8260B	
cis-1,3-Dichloropropene	ND	1.0	ug/L	SW846 8260B	
trans-1,3-Dichloropropene	ND	1.0	ug/L	SW846 8260B	
Ethylbenzene	ND	1.0	ug/L	SW846 8260B	
2-Hexanone	ND	10	ug/L	SW846 8260B	
Isopropylbenzene	ND	1.0	ug/L	SW846 8260B	
Methyl acetate	ND	10	ug/L	SW846 8260B	
Methylcyclohexane	ND	1.0	ug/L	SW846 8260B	
Methylene chloride	ND	1.0	ug/L	SW846 8260B	
4-Methyl-2-pentanone	ND	10	ug/L	SW846 8260B	
Methyl tert-butyl ether	ND	5.0	ug/L	SW846 8260B	
Styrene	ND	1.0	ug/L	SW846 8260B	
1,1,2,2-Tetrachloroethane	ND	1.0	ug/L	SW846 8260B	
Tetrachloroethene	ND	1.0	ug/L	SW846 8260B	
Toluene	ND	1.0	ug/L	SW846 8260B	
1,2,4-Trichloro-benzene	ND	1.0	ug/L	SW846 8260B	

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SEVERN TRENT LABORATORIES, INC.

PRELIMINARY DATA SUMMARY

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Toltest, Inc.
POND 106 CRANE

Lot #: A7E220146 **Date Reported:** 5/25/07

Client Sample ID: PD1062D52107
Sample #: 001 Date Sampled: 05/21/07 09:20 Date Received: 05/22/07 Matrix: WATER

Volatile Organics by GC/MS — Reviewed

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD
1,1,1-Trichloroethane	**5.4**	**1.0**	**ug/L**	**SW846 8260B**
1,1,2-Trichloroethane	ND	1.0	ug/L	SW846 8260B
Trichloroethene	**3.7**	**1.0**	**ug/L**	**SW846 8260B**
Trichlorofluoromethane	ND	1.0	ug/L	SW846 8260B
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	1.0	ug/L	SW846 8260B
Vinyl chloride	ND	1.0	ug/L	SW846 8260B
Xylenes (total)	ND	2.0	ug/L	SW846 8260B

J Estimated result. Result is less than RL.

Volatile Organics by GC/MS TCLP — In Review

Acetone	**13 J**	**250**	**ug/L**	**SW846 8260B**
Benzene	ND	25	ug/L	SW846 8260B
Bromodichloromethane	ND	25	ug/L	SW846 8260B
Bromoform	ND	25	ug/L	SW846 8260B
Bromomethane	ND	50	ug/L	SW846 8260B
2-Butanone (MEK)	ND	250	ug/L	SW846 8260B
Carbon disulfide	ND	25	ug/L	SW846 8260B
Carbon tetrachloride	ND	25	ug/L	SW846 8260B
Chlorobenzene	ND	25	ug/L	SW846 8260B
Dibromochloromethane	ND	25	ug/L	SW846 8260B
Chloroethane	ND	50	ug/L	SW846 8260B
Chloroform	ND	25	ug/L	SW846 8260B
Chloromethane	ND	50	ug/L	SW846 8260B
Cyclohexanone	ND	600	ug/L	SW846 8260B
1,2-Dichlorobenzene	ND	25	ug/L	SW846 8260B
1,4-Dichlorobenzene	ND	750	ug/L	SW846 8260B
1,1-Dichloroethane	ND	25	ug/L	SW846 8260B
1,2-Dichloroethane	ND	25	ug/L	SW846 8260B
cis-1,2-Dichloroethene	ND	25	ug/L	SW846 8260B
trans-1,2-Dichloroethene	ND	25	ug/L	SW846 8260B
1,1-Dichloroethene	ND	70	ug/L	SW846 8260B
1,2-Dichloropropane	ND	25	ug/L	SW846 8260B
cis-1,3-Dichloropropene	ND	25	ug/L	SW846 8260B
trans-1,3-Dichloropropene	ND	25	ug/L	SW846 8260B

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SEVERN TRENT LABORATORIES, INC.

PRELIMINARY DATA SUMMARY

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Toltest, Inc.

Lot #: A7E220146 POND 106 CRANE **Date Reported:** 5/25/07

Client Sample ID: PD1062D52107

Sample #: 001 Date Sampled: 05/21/07 09:20 Date Received: 05/22/07 Matrix: WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD	
Volatile Organics by GC/MS TCLP					In Review
Ethylbenzene	ND	25	ug/L	SW846 8260B	
2-Hexanone	ND	250	ug/L	SW846 8260B	
Methylene chloride	**7.7 J**	**25**	**ug/L**	**SW846 8260B**	
4-Methyl-2-pentanone	ND	250	ug/L	SW846 8260B	
Styrene	ND	25	ug/L	SW846 8260B	
1,1,2,2-Tetrachloroethane	ND	25	ug/L	SW846 8260B	
Tetrachloroethene	ND	70	ug/L	SW846 8260B	
Toluene	ND	25	ug/L	SW846 8260B	
1,1,1-Trichloroethane	ND	25	ug/L	SW846 8260B	
1,1,2-Trichloroethane	ND	25	ug/L	SW846 8260B	
Trichloroethene	ND	50	ug/L	SW846 8260B	
Trichlorofluoromethane	ND	25	ug/L	SW846 8260B	
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	25	ug/L	SW846 8260B	
Vinyl chloride	ND	25	ug/L	SW846 8260B	
Xylenes (total)	ND	25	ug/L	SW846 8260B	

J Estimated result. Result is less than RL.

Semivolatile Organic Compounds by GC/MS TCLP					Reviewed
Acenaphthene	ND	40	ug/L	SW846 8270C	
Acenaphthylene	ND	40	ug/L	SW846 8270C	
Acetophenone	ND	40	ug/L	SW846 8270C	
Anthracene	ND	40	ug/L	SW846 8270C	
Atrazine	ND	40	ug/L	SW846 8270C	
Benzaldehyde	ND	40	ug/L	SW846 8270C	
Benzo(a)anthracene	ND	40	ug/L	SW846 8270C	
Benzo(b)fluoranthene	ND	40	ug/L	SW846 8270C	
Benzo(k)fluoranthene	ND	40	ug/L	SW846 8270C	
Benzo(ghi)perylene	ND	40	ug/L	SW846 8270C	
Benzo(a)pyrene	ND	40	ug/L	SW846 8270C	
1,1'-Biphenyl	ND	40	ug/L	SW846 8270C	
bis(2-Chloroethoxy) methane	ND	40	ug/L	SW846 8270C	
bis(2-Chloroethyl)-ether	ND	40	ug/L	SW846 8270C	

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SEVERN TRENT LABORATORIES, INC.

PRELIMINARY DATA SUMMARY

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Toltest, Inc.

Lot #: A7E220146 POND 106 CRANE **Date Reported:** 5/25/07

Client Sample ID: PD1062D52107

Sample #: 001 Date Sampled: 05/21/07 09:20 Date Received: 05/22/07 Matrix: WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD	
Semivolatile Organic Compounds by GC/MS TCLP					Reviewed
bis(2-Ethylhexyl) phthalate	**7.7 J**	**40**	**ug/L**	**SW846 8270C**	
4-Bromophenyl phenyl ether	ND	40	ug/L	SW846 8270C	
Butyl benzyl phthalate	ND	40	ug/L	SW846 8270C	
Caprolactam	ND	40	ug/L	SW846 8270C	
Carbazole	ND	40	ug/L	SW846 8270C	
4-Chloroaniline	ND	40	ug/L	SW846 8270C	
4-Chloro-3-methylphenol	ND	40	ug/L	SW846 8270C	
2-Chloronaphthalene	ND	40	ug/L	SW846 8270C	
2-Chlorophenol	ND	40	ug/L	SW846 8270C	
4-Chlorophenyl phenyl ether	ND	40	ug/L	SW846 8270C	
Chrysene	ND	40	ug/L	SW846 8270C	
Dibenz(a,h)anthracene	ND	40	ug/L	SW846 8270C	
Dibenzofuran	ND	40	ug/L	SW846 8270C	
Di-n-butyl phthalate	ND	40	ug/L	SW846 8270C	
1,4-Dichlorobenzene	ND	16	ug/L	SW846 8270C	
3,3'-Dichlorobenzidine	ND	200	ug/L	SW846 8270C	
2,4-Dichlorophenol	ND	40	ug/L	SW846 8270C	
Diethyl phthalate	ND	40	ug/L	SW846 8270C	
2,4-Dimethylphenol	ND	40	ug/L	SW846 8270C	
Dimethyl phthalate	ND	40	ug/L	SW846 8270C	
4,6-Dinitro-2-methylphenol	ND	200	ug/L	SW846 8270C	
2,4-Dinitrophenol	ND	200	ug/L	SW846 8270C	
2,4-Dinitrotoluene	ND	80	ug/L	SW846 8270C	
2,6-Dinitrotoluene	ND	40	ug/L	SW846 8270C	
Di-n-octyl phthalate	ND	40	ug/L	SW846 8270C	
Fluoranthene	ND	40	ug/L	SW846 8270C	
Fluorene	ND	40	ug/L	SW846 8270C	
Hexachlorobenzene	ND	80	ug/L	SW846 8270C	
Hexachlorobutadiene	ND	80	ug/L	SW846 8270C	
Hexachlorocyclopenta-diene	ND	200	ug/L	SW846 8270C	
Hexachloroethane	ND	80	ug/L	SW846 8270C	
Indeno(1,2,3-cd)pyrene	ND	40	ug/L	SW846 8270C	

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SEVERN TRENT LABORATORIES, INC.

PRELIMINARY DATA SUMMARY

The results shown below may still require additional laboratory review and are subject to change. Actions taken based on these results are the responsibility of the data user.

Toltest, Inc.
POND 106 CRANE

Lot #: A7E220146 **Date Reported:** 5/25/07

Client Sample ID: PD1062D52107
Sample #: 001 Date Sampled: 05/21/07 09:20 Date Received: 05/22/07 Matrix: WATER

Semivolatile Organic Compounds by GC/MS TCLP — Reviewed

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD
Isophorone	ND	40	ug/L	SW846 8270C
2-Methylnaphthalene	ND	40	ug/L	SW846 8270C
2-Methylphenol	ND	16	ug/L	SW846 8270C
4-Methylphenol	ND	200	ug/L	SW846 8270C
Naphthalene	ND	40	ug/L	SW846 8270C
2-Nitroaniline	ND	200	ug/L	SW846 8270C
3-Nitroaniline	ND	200	ug/L	SW846 8270C
4-Nitroaniline	ND	200	ug/L	SW846 8270C
Nitrobenzene	ND	16	ug/L	SW846 8270C
2-Nitrophenol	ND	40	ug/L	SW846 8270C
4-Nitrophenol	ND	200	ug/L	SW846 8270C
N-Nitrosodiphenylamine	ND	40	ug/L	SW846 8270C
N-Nitrosodi-n-propyl-amine	ND	40	ug/L	SW846 8270C
Pentachlorophenol	ND	160	ug/L	SW846 8270C
Phenanthrene	ND	40	ug/L	SW846 8270C
Phenol	ND	40	ug/L	SW846 8270C
2,2'-oxybis(1-Chloro-propane)	ND	40	ug/L	SW846 8270C
Pyrene	ND	40	ug/L	SW846 8270C
Pyridine	ND	80	ug/L	SW846 8270C
2,4,5-Trichloro-phenol	ND	80	ug/L	SW846 8270C
2,4,6-Trichloro-phenol	ND	80	ug/L	SW846 8270C

J Estimated result. Result is less than RL.

Client Sample ID: PD106EA52107
Sample #: 002 Date Sampled: 05/21/07 09:00 Date Received: 05/22/07 Matrix: WATER

Trace Inductively Coupled Plasma (ICP) Metals — Reviewed

Arsenic	ND	10.0	ug/L	SW846 6010B

(Continued on next page)

SEVERN TRENT LABORATORIES, INC.

PRELIMINARY DATA SUMMARY

The results shown below may still require additional laboratory review and are subject to change. Actions taken based on these results are the responsibility of the data user.

Toltest, Inc.

Lot #: A7E220146 POND 106 CRANE **Date Reported:** 5/25/07

Client Sample ID: PD106EA52107
Sample #: 002 Date Sampled: 05/21/07 09:00 Date Received: 05/22/07 Matrix: WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD	
Lead	ND	3.0	ug/L	SW846 6010B	
Selenium	ND	5.0	ug/L	SW846 6010B	
Thallium	ND	10.0	ug/L	SW846 6010B	
Inductively Coupled Plasma (ICP) Metals					Reviewed
Silver	ND	10.0	ug/L	SW846 6010B	
Aluminum	ND	200	ug/L	SW846 6010B	
Barium	**46.7 B**	**200**	**ug/L**	**SW846 6010B**	
Beryllium	ND	5.0	ug/L	SW846 6010B	
Calcium	**52800**	**5000**	**ug/L**	**SW846 6010B**	
Cadmium	ND	5.0	ug/L	SW846 6010B	
Cobalt	ND	50.0	ug/L	SW846 6010B	
Chromium	ND	10.0	ug/L	SW846 6010B	
Copper	**5.8 B**	**25.0**	**ug/L**	**SW846 6010B**	
Iron	**3130**	**100**	**ug/L**	**SW846 6010B**	
Potassium	**2510 B**	**5000**	**ug/L**	**SW846 6010B**	
Magnesium	**8230**	**5000**	**ug/L**	**SW846 6010B**	
Manganese	**367**	**15.0**	**ug/L**	**SW846 6010B**	
Sodium	**25500**	**5000**	**ug/L**	**SW846 6010B**	
Nickel	**2.1 B**	**40.0**	**ug/L**	**SW846 6010B**	
Antimony	ND	60.0	ug/L	SW846 6010B	
Vanadium	ND	50.0	ug/L	SW846 6010B	
Zinc	ND	20.0	ug/L	SW846 6010B	
Mercury in Liquid Waste (Manual Cold-Vapor)					Reviewed
Mercury	ND	0.20	ug/L	SW846 7470A	

B Estimated result. Result is less than RL.

Volatile Organics by GC/MS					Reviewed
Acetone	**5.0 J**	**10**	**ug/L**	**SW846 8260B**	
Benzene	ND	1.0	ug/L	SW846 8260B	
Bromodichloromethane	ND	1.0	ug/L	SW846 8260B	
Bromoform	ND	1.0	ug/L	SW846 8260B	
Bromomethane	ND	1.0	ug/L	SW846 8260B	
2-Butanone	**0.42 J**	**10**	**ug/L**	**SW846 8260B**	
Carbon disulfide	ND	1.0	ug/L	SW846 8260B	

(Continued on next page)

SEVERN TRENT LABORATORIES, INC.

PRELIMINARY DATA SUMMARY

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Toltest, Inc.
POND 106 CRANE

Lot #: A7E220146 **Date Reported:** 5/25/07

Client Sample ID: PD106EA52107
Sample #: 002 Date Sampled: 05/21/07 09:00 Date Received: 05/22/07 Matrix: WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD	
Volatile Organics by GC/MS					Reviewed
Carbon tetrachloride	ND	1.0	ug/L	SW846 8260B	
Chlorobenzene	ND	1.0	ug/L	SW846 8260B	
Dibromochloromethane	ND	1.0	ug/L	SW846 8260B	
Chloroethane	**0.30 J**	**1.0**	**ug/L**	**SW846 8260B**	
Chloroform	ND	1.0	ug/L	SW846 8260B	
Chloromethane	ND	1.0	ug/L	SW846 8260B	
Cyclohexane	ND	1.0	ug/L	SW846 8260B	
1,2-Dibromo-3-chloro-propane	ND	2.0	ug/L	SW846 8260B	
1,2-Dibromoethane	ND	1.0	ug/L	SW846 8260B	
1,2-Dichlorobenzene	ND	1.0	ug/L	SW846 8260B	
1,3-Dichlorobenzene	ND	1.0	ug/L	SW846 8260B	
1,4-Dichlorobenzene	ND	1.0	ug/L	SW846 8260B	
Dichlorodifluoromethane	ND	1.0	ug/L	SW846 8260B	
1,1-Dichloroethane	**2.2**	**1.0**	**ug/L**	**SW846 8260B**	
1,2-Dichloroethane	ND	1.0	ug/L	SW846 8260B	
cis-1,2-Dichloroethene	**3.9**	**1.0**	**ug/L**	**SW846 8260B**	
trans-1,2-Dichloroethene	ND	1.0	ug/L	SW846 8260B	
1,1-Dichloroethene	**0.19 J**	**1.0**	**ug/L**	**SW846 8260B**	
1,2-Dichloropropane	ND	1.0	ug/L	SW846 8260B	
cis-1,3-Dichloropropene	ND	1.0	ug/L	SW846 8260B	
trans-1,3-Dichloropropene	ND	1.0	ug/L	SW846 8260B	
Ethylbenzene	ND	1.0	ug/L	SW846 8260B	
2-Hexanone	ND	10	ug/L	SW846 8260B	
Isopropylbenzene	ND	1.0	ug/L	SW846 8260B	
Methyl acetate	ND	10	ug/L	SW846 8260B	
Methylcyclohexane	ND	1.0	ug/L	SW846 8260B	
Methylene chloride	ND	1.0	ug/L	SW846 8260B	
4-Methyl-2-pentanone	ND	10	ug/L	SW846 8260B	
Methyl tert-butyl ether	ND	5.0	ug/L	SW846 8260B	
Styrene	ND	1.0	ug/L	SW846 8260B	
1,1,2,2-Tetrachloroethane	ND	1.0	ug/L	SW846 8260B	
Tetrachloroethene	ND	1.0	ug/L	SW846 8260B	
Toluene	ND	1.0	ug/L	SW846 8260B	
1,2,4-Trichloro-benzene	ND	1.0	ug/L	SW846 8260B	
1,1,1-Trichloroethane	**5.3**	**1.0**	**ug/L**	**SW846 8260B**	

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SEVERN TRENT LABORATORIES, INC.

PRELIMINARY DATA SUMMARY

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Toltest, Inc.

Lot #: A7E220146 POND 106 CRANE **Date Reported:** 5/25/07

Client Sample ID: PD106EA52107
Sample #: 002 Date Sampled: 05/21/07 09:00 Date Received: 05/22/07 Matrix: WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD	
Volatile Organics by GC/MS					Reviewed
1,1,2-Trichloroethane	ND	1.0	ug/L	SW846 8260B	
Trichloroethene	**3.6**	**1.0**	**ug/L**	**SW846 8260B**	
Trichlorofluoromethane	ND	1.0	ug/L	SW846 8260B	
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	1.0	ug/L	SW846 8260B	
Vinyl chloride	ND	1.0	ug/L	SW846 8260B	
Xylenes (total)	ND	2.0	ug/L	SW846 8260B	

J Estimated result. Result is less than RL.

Volatile Organics by GC/MS TCLP					In Review
Acetone	**19 J**	**250**	**ug/L**	**SW846 8260B**	
Benzene	ND	25	ug/L	SW846 8260B	
Bromodichloromethane	ND	25	ug/L	SW846 8260B	
Bromoform	ND	25	ug/L	SW846 8260B	
Bromomethane	ND	50	ug/L	SW846 8260B	
2-Butanone (MEK)	ND	250	ug/L	SW846 8260B	
Carbon disulfide	ND	25	ug/L	SW846 8260B	
Carbon tetrachloride	ND	25	ug/L	SW846 8260B	
Chlorobenzene	ND	25	ug/L	SW846 8260B	
Dibromochloromethane	ND	25	ug/L	SW846 8260B	
Chloroethane	ND	50	ug/L	SW846 8260B	
Chloroform	ND	25	ug/L	SW846 8260B	
Chloromethane	ND	50	ug/L	SW846 8260B	
Cyclohexanone	ND	600	ug/L	SW846 8260B	
1,2-Dichlorobenzene	ND	25	ug/L	SW846 8260B	
1,4-Dichlorobenzene	ND	750	ug/L	SW846 8260B	
1,1-Dichloroethane	ND	25	ug/L	SW846 8260B	
1,2-Dichloroethane	ND	25	ug/L	SW846 8260B	
cis-1,2-Dichloroethene	ND	25	ug/L	SW846 8260B	
trans-1,2-Dichloroethene	ND	25	ug/L	SW846 8260B	
1,1-Dichloroethene	ND	70	ug/L	SW846 8260B	
1,2-Dichloropropane	ND	25	ug/L	SW846 8260B	
cis-1,3-Dichloropropene	ND	25	ug/L	SW846 8260B	
trans-1,3-Dichloropropene	ND	25	ug/L	SW846 8260B	
Ethylbenzene	ND	25	ug/L	SW846 8260B	

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SEVERN TRENT LABORATORIES, INC.

PRELIMINARY DATA SUMMARY

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Toltest, Inc.

Lot #: A7E220146 POND 106 CRANE **Date Reported:** 5/25/07

Client Sample ID: PD106EA52107

Sample #: 002 Date Sampled: 05/21/07 09:00 Date Received: 05/22/07 Matrix: WATER

Volatile Organics by GC/MS TCLP — In Review

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD
2-Hexanone	ND	250	ug/L	SW846 8260B
Methylene chloride	ND	25	ug/L	SW846 8260B
4-Methyl-2-pentanone	ND	250	ug/L	SW846 8260B
Styrene	ND	25	ug/L	SW846 8260B
1,1,2,2-Tetrachloroethane	ND	25	ug/L	SW846 8260B
Tetrachloroethene	ND	70	ug/L	SW846 8260B
Toluene	ND	25	ug/L	SW846 8260B
1,1,1-Trichloroethane	ND	25	ug/L	SW846 8260B
1,1,2-Trichloroethane	ND	25	ug/L	SW846 8260B
Trichloroethene	ND	50	ug/L	SW846 8260B
Trichlorofluoromethane	ND	25	ug/L	SW846 8260B
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	25	ug/L	SW846 8260B
Vinyl chloride	ND	25	ug/L	SW846 8260B
Xylenes (total)	ND	25	ug/L	SW846 8260B

J Estimated result. Result is less than RL.

Semivolatile Organic Compounds by GC/MS TCLP — Reviewed

Acenaphthene	ND	40	ug/L	SW846 8270C
Acenaphthylene	ND	40	ug/L	SW846 8270C
Acetophenone	ND	40	ug/L	SW846 8270C
Anthracene	ND	40	ug/L	SW846 8270C
Atrazine	ND	40	ug/L	SW846 8270C
Benzaldehyde	ND	40	ug/L	SW846 8270C
Benzo(a)anthracene	ND	40	ug/L	SW846 8270C
Benzo(b)fluoranthene	ND	40	ug/L	SW846 8270C
Benzo(k)fluoranthene	ND	40	ug/L	SW846 8270C
Benzo(ghi)perylene	ND	40	ug/L	SW846 8270C
Benzo(a)pyrene	ND	40	ug/L	SW846 8270C
1,1'-Biphenyl	ND	40	ug/L	SW846 8270C
bis(2-Chloroethoxy) methane	ND	40	ug/L	SW846 8270C
bis(2-Chloroethyl)-ether	ND	40	ug/L	SW846 8270C
bis(2-Ethylhexyl) phthalate	**8.4 J**	**40**	**ug/L**	**SW846 8270C**

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SEVERN TRENT LABORATORIES, INC.

PRELIMINARY DATA SUMMARY

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Toltest, Inc.

Lot #: A7E220146 POND 106 CRANE **Date Reported:** 5/25/07

Client Sample ID: PD106EA52107
Sample #: 002 Date Sampled: 05/21/07 09:00 Date Received: 05/22/07 Matrix: WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD	
Semivolatile Organic Compounds by GC/MS TCLP					Reviewed
4-Bromophenyl phenyl ether	ND	40	ug/L	SW846 8270C	
Butyl benzyl phthalate	ND	40	ug/L	SW846 8270C	
Caprolactam	**3.4 J**	**40**	**ug/L**	**SW846 8270C**	
Carbazole	ND	40	ug/L	SW846 8270C	
4-Chloroaniline	ND	40	ug/L	SW846 8270C	
4-Chloro-3-methylphenol	ND	40	ug/L	SW846 8270C	
2-Chloronaphthalene	ND	40	ug/L	SW846 8270C	
2-Chlorophenol	ND	40	ug/L	SW846 8270C	
4-Chlorophenyl phenyl ether	ND	40	ug/L	SW846 8270C	
Chrysene	ND	40	ug/L	SW846 8270C	
Dibenz(a,h)anthracene	ND	40	ug/L	SW846 8270C	
Dibenzofuran	ND	40	ug/L	SW846 8270C	
Di-n-butyl phthalate	**1.7 J**	**40**	**ug/L**	**SW846 8270C**	
1,4-Dichlorobenzene	ND	16	ug/L	SW846 8270C	
3,3'-Dichlorobenzidine	ND	200	ug/L	SW846 8270C	
2,4-Dichlorophenol	ND	40	ug/L	SW846 8270C	
Diethyl phthalate	ND	40	ug/L	SW846 8270C	
2,4-Dimethylphenol	ND	40	ug/L	SW846 8270C	
Dimethyl phthalate	ND	40	ug/L	SW846 8270C	
4,6-Dinitro-2-methylphenol	ND	200	ug/L	SW846 8270C	
2,4-Dinitrophenol	ND	200	ug/L	SW846 8270C	
2,4-Dinitrotoluene	ND	80	ug/L	SW846 8270C	
2,6-Dinitrotoluene	ND	40	ug/L	SW846 8270C	
Di-n-octyl phthalate	ND	40	ug/L	SW846 8270C	
Fluoranthene	ND	40	ug/L	SW846 8270C	
Fluorene	ND	40	ug/L	SW846 8270C	
Hexachlorobenzene	ND	80	ug/L	SW846 8270C	
Hexachlorobutadiene	ND	80	ug/L	SW846 8270C	
Hexachlorocyclopenta-diene	ND	200	ug/L	SW846 8270C	
Hexachloroethane	ND	80	ug/L	SW846 8270C	
Indeno(1,2,3-cd)pyrene	ND	40	ug/L	SW846 8270C	
Isophorone	ND	40	ug/L	SW846 8270C	
2-Methylnaphthalene	ND	40	ug/L	SW846 8270C	

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SEVERN TRENT LABORATORIES, INC.

PRELIMINARY DATA SUMMARY

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Toltest, Inc.
POND 106 CRANE

Lot #: A7E220146 **Date Reported:** 5/25/07

Client Sample ID: PD106EA52107
Sample #: 002 Date Sampled: 05/21/07 09:00 Date Received: 05/22/07 Matrix: WATER

Semivolatile Organic Compounds by GC/MS TCLP — Reviewed

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD
2-Methylphenol	ND	16	ug/L	SW846 8270C
4-Methylphenol	ND	200	ug/L	SW846 8270C
Naphthalene	ND	40	ug/L	SW846 8270C
2-Nitroaniline	ND	200	ug/L	SW846 8270C
3-Nitroaniline	ND	200	ug/L	SW846 8270C
4-Nitroaniline	ND	200	ug/L	SW846 8270C
Nitrobenzene	ND	16	ug/L	SW846 8270C
2-Nitrophenol	ND	40	ug/L	SW846 8270C
4-Nitrophenol	ND	200	ug/L	SW846 8270C
N-Nitrosodiphenylamine	ND	40	ug/L	SW846 8270C
N-Nitrosodi-n-propyl-amine	ND	40	ug/L	SW846 8270C
Pentachlorophenol	ND	160	ug/L	SW846 8270C
Phenanthrene	ND	40	ug/L	SW846 8270C
Phenol	ND	40	ug/L	SW846 8270C
2,2'-oxybis(1-Chloro-propane)	ND	40	ug/L	SW846 8270C
Pyrene	ND	40	ug/L	SW846 8270C
Pyridine	ND	80	ug/L	SW846 8270C
2,4,5-Trichloro-phenol	ND	80	ug/L	SW846 8270C
2,4,6-Trichloro-phenol	ND	80	ug/L	SW846 8270C

J Estimated result. Result is less than RL.

Client Sample ID: TRIP BLANK
Sample #: 003 Date Sampled: 05/21/07 09:00 Date Received: 05/22/07 Matrix: WATER

Volatile Organics by GC/MS — Reviewed

Acetone	**0.75 J**	**10**	**ug/L**	**SW846 8260B**
Benzene	ND	1.0	ug/L	SW846 8260B
Bromodichloromethane	ND	1.0	ug/L	SW846 8260B
Bromoform	ND	1.0	ug/L	SW846 8260B
Bromomethane	ND	1.0	ug/L	SW846 8260B

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SEVERN TRENT LABORATORIES, INC.

PRELIMINARY DATA SUMMARY

The results shown below may still require additional laboratory review and are subject to change. Actions taken based on these results are the responsibility of the data user.

Toltest, Inc.
POND 106 CRANE

Lot #: A7E220146 **Date Reported:** 5/25/07

Client Sample ID: TRIP BLANK
Sample #: 003 Date Sampled: 05/21/07 09:00 Date Received: 05/22/07 Matrix: WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD	
Volatile Organics by GC/MS					Reviewed
2-Butanone	ND	10	ug/L	SW846 8260B	
Carbon disulfide	ND	1.0	ug/L	SW846 8260B	
Carbon tetrachloride	ND	1.0	ug/L	SW846 8260B	
Chlorobenzene	ND	1.0	ug/L	SW846 8260B	
Dibromochloromethane	ND	1.0	ug/L	SW846 8260B	
Chloroethane	ND	1.0	ug/L	SW846 8260B	
Chloroform	ND	1.0	ug/L	SW846 8260B	
Chloromethane	ND	1.0	ug/L	SW846 8260B	
Cyclohexane	ND	1.0	ug/L	SW846 8260B	
1,2-Dibromo-3-chloro-propane	ND	2.0	ug/L	SW846 8260B	
1,2-Dibromoethane	ND	1.0	ug/L	SW846 8260B	
1,2-Dichlorobenzene	ND	1.0	ug/L	SW846 8260B	
1,3-Dichlorobenzene	ND	1.0	ug/L	SW846 8260B	
1,4-Dichlorobenzene	ND	1.0	ug/L	SW846 8260B	
Dichlorodifluoromethane	ND	1.0	ug/L	SW846 8260B	
1,1-Dichloroethane	ND	1.0	ug/L	SW846 8260B	
1,2-Dichloroethane	ND	1.0	ug/L	SW846 8260B	
cis-1,2-Dichloroethene	ND	1.0	ug/L	SW846 8260B	
trans-1,2-Dichloroethene	ND	1.0	ug/L	SW846 8260B	
1,1-Dichloroethene	ND	1.0	ug/L	SW846 8260B	
1,2-Dichloropropane	ND	1.0	ug/L	SW846 8260B	
cis-1,3-Dichloropropene	ND	1.0	ug/L	SW846 8260B	
trans-1,3-Dichloropropene	ND	1.0	ug/L	SW846 8260B	
Ethylbenzene	ND	1.0	ug/L	SW846 8260B	
2-Hexanone	ND	10	ug/L	SW846 8260B	
Isopropylbenzene	ND	1.0	ug/L	SW846 8260B	
Methyl acetate	ND	10	ug/L	SW846 8260B	
Methylcyclohexane	ND	1.0	ug/L	SW846 8260B	
Methylene chloride	ND	1.0	ug/L	SW846 8260B	
4-Methyl-2-pentanone	ND	10	ug/L	SW846 8260B	
Methyl tert-butyl ether	ND	5.0	ug/L	SW846 8260B	
Styrene	ND	1.0	ug/L	SW846 8260B	
1,1,2,2-Tetrachloroethane	ND	1.0	ug/L	SW846 8260B	
Tetrachloroethene	ND	1.0	ug/L	SW846 8260B	
Toluene	ND	1.0	ug/L	SW846 8260B	
1,2,4-Trichloro-benzene	ND	1.0	ug/L	SW846 8260B	

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SEVERN TRENT LABORATORIES, INC.

PRELIMINARY DATA SUMMARY

The results shown below may still require additional laboratory review and are subject to change. Actions taken based on these results are the responsibility of the data user.

Toltest, Inc.
POND 106 CRANE

Lot #: A7E220146 **Date Reported:** 5/25/07

Client Sample ID: TRIP BLANK
Sample #: 003 Date Sampled: 05/21/07 09:00 Date Received: 05/22/07 Matrix: WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD	
Volatile Organics by GC/MS					Reviewed
1,1,1-Trichloroethane	ND	1.0	ug/L	SW846 8260B	
1,1,2-Trichloroethane	ND	1.0	ug/L	SW846 8260B	
Trichloroethene	ND	1.0	ug/L	SW846 8260B	
Trichlorofluoromethane	ND	1.0	ug/L	SW846 8260B	
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	1.0	ug/L	SW846 8260B	
Vinyl chloride	ND	1.0	ug/L	SW846 8260B	
Xylenes (total)	ND	2.0	ug/L	SW846 8260B	

J Estimated result. Result is less than RL.

TESTAMERICA LABORATORIES, INC. (FKA STL)

PRELIMINARY DATA SUMMARY

The results shown below may still require additional laboratory review and are subject to change. Actions taken based on these results are the responsibility of the data user.

Toltest, Inc. PAGE 1

Lot #: A7H010165 POND 106 CRANE **Date Reported:** 8/08/07

Client Sample ID: PD10673107

Sample #: 001 Date Sampled: 07/31/07 08:00 Date Received: 08/01/07 Matrix: WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD	
Trace Inductively Coupled Plasma (ICP) Metals					Reviewed
Arsenic	ND	10.0	ug/L	SW846 6010B	
Lead	ND	3.0	ug/L	SW846 6010B	
Selenium	ND	5.0	ug/L	SW846 6010B	
Thallium	ND	10.0	ug/L	SW846 6010B	
Inductively Coupled Plasma (ICP) Metals					Reviewed
Silver	ND	10.0	ug/L	SW846 6010B	
Aluminum	ND	200	ug/L	SW846 6010B	
Barium	**55.6 B**	**200**	**ug/L**	**SW846 6010B**	
Beryllium	ND	5.0	ug/L	SW846 6010B	
Calcium	**54400**	**5000**	**ug/L**	**SW846 6010B**	
Cadmium	ND	5.0	ug/L	SW846 6010B	
Cobalt	ND	50.0	ug/L	SW846 6010B	
Chromium	ND	10.0	ug/L	SW846 6010B	
Copper	**7.2 B**	**25.0**	**ug/L**	**SW846 6010B**	
Iron	**369**	**100**	**ug/L**	**SW846 6010B**	
Potassium	**4810 B**	**5000**	**ug/L**	**SW846 6010B**	
Magnesium	**14600**	**5000**	**ug/L**	**SW846 6010B**	
Manganese	**61.2**	**15.0**	**ug/L**	**SW846 6010B**	
Sodium	**85600**	**5000**	**ug/L**	**SW846 6010B**	
Nickel	**5.3 B**	**40.0**	**ug/L**	**SW846 6010B**	
Antimony	ND	60.0	ug/L	SW846 6010B	
Vanadium	ND	50.0	ug/L	SW846 6010B	
Zinc	ND	20.0	ug/L	SW846 6010B	
Mercury in Liquid Waste (Manual Cold-Vapor)					Reviewed
Mercury	ND	0.20	ug/L	SW846 7470A	

B Estimated result. Result is less than RL.

Volatile Organics by GC/MS					Reviewed
Acetone	ND	10	ug/L	SW846 8260B	
Benzene	ND	1.0	ug/L	SW846 8260B	
Bromodichloromethane	ND	1.0	ug/L	SW846 8260B	
Bromoform	ND	1.0	ug/L	SW846 8260B	
Bromomethane	ND	1.0	ug/L	SW846 8260B	

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TESTAMERICA LABORATORIES, INC. (FKA STL)

PRELIMINARY DATA SUMMARY

The results shown below may still require additional laboratory review and are subject to change. Actions taken based on these results are the responsibility of the data user.

Toltest, Inc.

Lot #: A7H010165 POND 106 CRANE **Date Reported:** 8/08/07

Client Sample ID: PD10673107

Sample #: 001 Date Sampled: 07/31/07 08:00 Date Received: 08/01/07 Matrix: WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD	
Volatile Organics by GC/MS					Reviewed
2-Butanone	ND	10	ug/L	SW846 8260B	
Carbon disulfide	ND	1.0	ug/L	SW846 8260B	
Carbon tetrachloride	ND	1.0	ug/L	SW846 8260B	
Chlorobenzene	ND	1.0	ug/L	SW846 8260B	
Dibromochloromethane	ND	1.0	ug/L	SW846 8260B	
Chloroethane	ND	1.0	ug/L	SW846 8260B	
Chloroform	ND	1.0	ug/L	SW846 8260B	
Chloromethane	ND	1.0	ug/L	SW846 8260B	
Cyclohexane	ND	1.0	ug/L	SW846 8260B	
1,2-Dibromo-3-chloro-propane	ND	2.0	ug/L	SW846 8260B	
1,2-Dibromoethane	ND	1.0	ug/L	SW846 8260B	
1,2-Dichlorobenzene	ND	1.0	ug/L	SW846 8260B	
1,3-Dichlorobenzene	ND	1.0	ug/L	SW846 8260B	
1,4-Dichlorobenzene	ND	1.0	ug/L	SW846 8260B	
Dichlorodifluoromethane	ND	1.0	ug/L	SW846 8260B	
1,1-Dichloroethane	**0.22 J**	**1.0**	**ug/L**	**SW846 8260B**	
1,2-Dichloroethane	ND	1.0	ug/L	SW846 8260B	
cis-1,2-Dichloroethene	**2.6**	**1.0**	**ug/L**	**SW846 8260B**	
trans-1,2-Dichloroethene	ND	1.0	ug/L	SW846 8260B	
1,1-Dichloroethene	ND	1.0	ug/L	SW846 8260B	
1,2-Dichloropropane	ND	1.0	ug/L	SW846 8260B	
cis-1,3-Dichloropropene	ND	1.0	ug/L	SW846 8260B	
trans-1,3-Dichloropropene	ND	1.0	ug/L	SW846 8260B	
Ethylbenzene	ND	1.0	ug/L	SW846 8260B	
2-Hexanone	ND	10	ug/L	SW846 8260B	
Isopropylbenzene	ND	1.0	ug/L	SW846 8260B	
Methyl acetate	ND	10	ug/L	SW846 8260B	
Methylcyclohexane	ND	1.0	ug/L	SW846 8260B	
Methylene chloride	ND	1.0	ug/L	SW846 8260B	
4-Methyl-2-pentanone	ND	10	ug/L	SW846 8260B	
Methyl tert-butyl ether	ND	5.0	ug/L	SW846 8260B	
Styrene	ND	1.0	ug/L	SW846 8260B	
1,1,2,2-Tetrachloroethane	ND	1.0	ug/L	SW846 8260B	
Tetrachloroethene	ND	1.0	ug/L	SW846 8260B	
Toluene	ND	1.0	ug/L	SW846 8260B	
1,2,4-Trichloro-benzene	ND	1.0	ug/L	SW846 8260B	

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TESTAMERICA LABORATORIES, INC. (FKA STL)

PRELIMINARY DATA SUMMARY

The results shown below may still require additional laboratory review and are subject to change. Actions taken based on these results are the responsibility of the data user.

Toltest, Inc. PAGE 3

Lot #: A7H010165 POND 106 CRANE **Date Reported:** 8/08/07

Client Sample ID: PD10673107

Sample #: 001 Date Sampled: 07/31/07 08:00 Date Received: 08/01/07 Matrix: WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD	
Volatile Organics by GC/MS					Reviewed
1,1,1-Trichloroethane	ND	1.0	ug/L	SW846 8260B	
1,1,2-Trichloroethane	ND	1.0	ug/L	SW846 8260B	
Trichloroethene	ND	1.0	ug/L	SW846 8260B	
Trichlorofluoromethane	ND	1.0	ug/L	SW846 8260B	
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	1.0	ug/L	SW846 8260B	
Vinyl chloride	ND	1.0	ug/L	SW846 8260B	
Xylenes (total)	ND	2.0	ug/L	SW846 8260B	

J Estimated result. Result is less than RL.

Semivolatile Organic Compounds by GC/MS					Reviewed
Acenaphthene	ND	10	ug/L	SW846 8270C	
Acenaphthylene	ND	10	ug/L	SW846 8270C	
Acetophenone	ND	10	ug/L	SW846 8270C	
Anthracene	ND	10	ug/L	SW846 8270C	
Atrazine	ND	10	ug/L	SW846 8270C	
Benzo(a)anthracene	ND	10	ug/L	SW846 8270C	
Benzo(a)pyrene	ND	10	ug/L	SW846 8270C	
Benzo(b)fluoranthene	ND	10	ug/L	SW846 8270C	
Benzo(ghi)perylene	ND	10	ug/L	SW846 8270C	
Benzo(k)fluoranthene	ND	10	ug/L	SW846 8270C	
Benzaldehyde	ND	10	ug/L	SW846 8270C	
1,1'-Biphenyl	ND	10	ug/L	SW846 8270C	
bis(2-Chloroethoxy) methane	ND	10	ug/L	SW846 8270C	
bis(2-Chloroethyl)-ether	ND	10	ug/L	SW846 8270C	
bis(2-Ethylhexyl) phthalate	**3.2 J**	**10**	**ug/L**	**SW846 8270C**	
4-Bromophenyl phenyl ether	ND	10	ug/L	SW846 8270C	
Butyl benzyl phthalate	ND	10	ug/L	SW846 8270C	
Caprolactam	ND	10	ug/L	SW846 8270C	
Carbazole	ND	10	ug/L	SW846 8270C	
4-Chloroaniline	ND	10	ug/L	SW846 8270C	

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TESTAMERICA LABORATORIES, INC. (FKA STL)

PRELIMINARY DATA SUMMARY

The results shown below may still require additional laboratory review and are subject to change. Actions taken based on these results are the responsibility of the data user.

Toltest, Inc.

Lot #: A7H010165 POND 106 CRANE **Date Reported:** 8/08/07

Client Sample ID: PD10673107

Sample #: 001 Date Sampled: 07/31/07 08:00 Date Received: 08/01/07 Matrix: WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD	
Semivolatile Organic Compounds by GC/MS					Reviewed
4-Chloro-3-methylphenol	ND	10	ug/L	SW846 8270C	
2-Chloronaphthalene	ND	10	ug/L	SW846 8270C	
2-Chlorophenol	ND	10	ug/L	SW846 8270C	
4-Chlorophenyl phenyl ether	ND	10	ug/L	SW846 8270C	
Chrysene	ND	10	ug/L	SW846 8270C	
Dibenz(a,h)anthracene	ND	10	ug/L	SW846 8270C	
Dibenzofuran	ND	10	ug/L	SW846 8270C	
3,3'-Dichlorobenzidine	ND	50	ug/L	SW846 8270C	
2,4-Dichlorophenol	ND	10	ug/L	SW846 8270C	
Diethyl phthalate	ND	10	ug/L	SW846 8270C	
2,4-Dimethylphenol	ND	10	ug/L	SW846 8270C	
Dimethyl phthalate	ND	10	ug/L	SW846 8270C	
Di-n-butyl phthalate	ND	10	ug/L	SW846 8270C	
4,6-Dinitro-2-methylphenol	ND	50	ug/L	SW846 8270C	
2,4-Dinitrophenol	ND	50	ug/L	SW846 8270C	
2,4-Dinitrotoluene	ND	10	ug/L	SW846 8270C	
2,6-Dinitrotoluene	ND	10	ug/L	SW846 8270C	
Di-n-octyl phthalate	ND	10	ug/L	SW846 8270C	
Fluoranthene	ND	10	ug/L	SW846 8270C	
Fluorene	ND	10	ug/L	SW846 8270C	
Hexachlorobenzene	ND	10	ug/L	SW846 8270C	
Hexachlorobutadiene	ND	10	ug/L	SW846 8270C	
Hexachlorocyclopenta-diene	ND	50	ug/L	SW846 8270C	
Hexachloroethane	ND	10	ug/L	SW846 8270C	
Indeno(1,2,3-cd)pyrene	ND	10	ug/L	SW846 8270C	
Isophorone	ND	10	ug/L	SW846 8270C	
2-Methylnaphthalene	ND	10	ug/L	SW846 8270C	
2-Methylphenol	ND	10	ug/L	SW846 8270C	
4-Methylphenol	ND	10	ug/L	SW846 8270C	
Naphthalene	ND	10	ug/L	SW846 8270C	
2-Nitroaniline	ND	50	ug/L	SW846 8270C	
3-Nitroaniline	ND	50	ug/L	SW846 8270C	
4-Nitroaniline	ND	50	ug/L	SW846 8270C	
Nitrobenzene	ND	10	ug/L	SW846 8270C	

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TESTAMERICA LABORATORIES, INC. (FKA STL)

PRELIMINARY DATA SUMMARY

The results shown below may still require additional laboratory review and are subject to change. Actions taken based on these results are the responsibility of the data user.

Toltest, Inc.
POND 106 CRANE

Lot #: A7H010165 **Date Reported:** 8/08/07

Client Sample ID: PD10673107
Sample #: 001 Date Sampled: 07/31/07 08:00 Date Received: 08/01/07 Matrix: WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD	
Semivolatile Organic Compounds by GC/MS					Reviewed
2-Nitrophenol	ND	10	ug/L	SW846 8270C	
4-Nitrophenol	ND	50	ug/L	SW846 8270C	
N-Nitrosodi-n-propyl-amine	ND	10	ug/L	SW846 8270C	
N-Nitrosodiphenylamine	ND	10	ug/L	SW846 8270C	
2,2'-oxybis(1-Chloropropane)	ND	10	ug/L	SW846 8270C	
Pentachlorophenol	ND	10	ug/L	SW846 8270C	
Phenanthrene	ND	10	ug/L	SW846 8270C	
Phenol	ND	10	ug/L	SW846 8270C	
Pyrene	ND	10	ug/L	SW846 8270C	
2,4,5-Trichloro-phenol	ND	10	ug/L	SW846 8270C	
2,4,6-Trichloro-phenol	ND	10	ug/L	SW846 8270C	

J Estimated result. Result is less than RL.

Client Sample ID: TRIP BLANK
Sample #: 002 Date Sampled: 07/31/07 08:00 Date Received: 08/01/07 Matrix: WATER

Volatile Organics by GC/MS					Reviewed
Acetone	ND	10	ug/L	SW846 8260B	
Benzene	ND	1.0	ug/L	SW846 8260B	
Bromodichloromethane	ND	1.0	ug/L	SW846 8260B	
Bromoform	ND	1.0	ug/L	SW846 8260B	
Bromomethane	ND	1.0	ug/L	SW846 8260B	
2-Butanone	ND	10	ug/L	SW846 8260B	
Carbon disulfide	ND	1.0	ug/L	SW846 8260B	
Carbon tetrachloride	ND	1.0	ug/L	SW846 8260B	
Chlorobenzene	ND	1.0	ug/L	SW846 8260B	
Dibromochloromethane	ND	1.0	ug/L	SW846 8260B	
Chloroethane	ND	1.0	ug/L	SW846 8260B	
Chloroform	ND	1.0	ug/L	SW846 8260B	
Chloromethane	ND	1.0	ug/L	SW846 8260B	
Cyclohexane	ND	1.0	ug/L	SW846 8260B	

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TESTAMERICA LABORATORIES, INC. (FKA STL)

PRELIMINARY DATA SUMMARY

The results shown below may still require additional laboratory review and are subject to change. Actions taken based on these results are the responsibility of the data user.

Toltest, Inc. PAGE 6

Lot #: A7H010165 POND 106 CRANE **Date Reported:** 8/08/07

Client Sample ID: TRIP BLANK

Sample #: 002 Date Sampled: 07/31/07 08:00 Date Received: 08/01/07 Matrix: WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD	
Volatile Organics by GC/MS					Reviewed
1,2-Dibromo-3-chloro-propane	ND	2.0	ug/L	SW846 8260B	
1,2-Dibromoethane	ND	1.0	ug/L	SW846 8260B	
1,2-Dichlorobenzene	ND	1.0	ug/L	SW846 8260B	
1,3-Dichlorobenzene	ND	1.0	ug/L	SW846 8260B	
1,4-Dichlorobenzene	ND	1.0	ug/L	SW846 8260B	
Dichlorodifluoromethane	ND	1.0	ug/L	SW846 8260B	
1,1-Dichloroethane	ND	1.0	ug/L	SW846 8260B	
1,2-Dichloroethane	ND	1.0	ug/L	SW846 8260B	
cis-1,2-Dichloroethene	ND	1.0	ug/L	SW846 8260B	
trans-1,2-Dichloroethene	ND	1.0	ug/L	SW846 8260B	
1,1-Dichloroethene	ND	1.0	ug/L	SW846 8260B	
1,2-Dichloropropane	ND	1.0	ug/L	SW846 8260B	
cis-1,3-Dichloropropene	ND	1.0	ug/L	SW846 8260B	
trans-1,3-Dichloropropene	ND	1.0	ug/L	SW846 8260B	
Ethylbenzene	ND	1.0	ug/L	SW846 8260B	
2-Hexanone	ND	10	ug/L	SW846 8260B	
Isopropylbenzene	ND	1.0	ug/L	SW846 8260B	
Methyl acetate	ND	10	ug/L	SW846 8260B	
Methylcyclohexane	ND	1.0	ug/L	SW846 8260B	
Methylene chloride	ND	1.0	ug/L	SW846 8260B	
4-Methyl-2-pentanone	ND	10	ug/L	SW846 8260B	
Methyl tert-butyl ether	ND	5.0	ug/L	SW846 8260B	
Styrene	ND	1.0	ug/L	SW846 8260B	
1,1,2,2-Tetrachloroethane	ND	1.0	ug/L	SW846 8260B	
Tetrachloroethene	ND	1.0	ug/L	SW846 8260B	
Toluene	ND	1.0	ug/L	SW846 8260B	
1,2,4-Trichloro-benzene	ND	1.0	ug/L	SW846 8260B	
1,1,1-Trichloroethane	ND	1.0	ug/L	SW846 8260B	
1,1,2-Trichloroethane	ND	1.0	ug/L	SW846 8260B	
Trichloroethene	ND	1.0	ug/L	SW846 8260B	
Trichlorofluoromethane	ND	1.0	ug/L	SW846 8260B	
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	1.0	ug/L	SW846 8260B	
Vinyl chloride	ND	1.0	ug/L	SW846 8260B	
Xylenes (total)	ND	2.0	ug/L	SW846 8260B	

TESTAMERICA LABORATORIES, INC.

PRELIMINARY DATA SUMMARY

The results shown below may still require additional laboratory review and are subject to change. Actions taken based on these results are the responsibility of the data user.

Toltest, Inc.

Lot #: A7I180141 POND 106 **Date Reported:** 9/21/07

Client Sample ID: PD106917W

Sample #: 001 Date Sampled: 09/17/07 19:30 Date Received: 09/18/07 Matrix: WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD	
Trace Inductively Coupled Plasma (ICP) Metals					Reviewed
Arsenic	ND	10.0	ug/L	SW846 6010B	
Lead	ND	3.0	ug/L	SW846 6010B	
Selenium	**3.3 B**	**5.0**	**ug/L**	**SW846 6010B**	
Thallium	ND	10.0	ug/L	SW846 6010B	
Inductively Coupled Plasma (ICP) Metals					Reviewed
Silver	ND	10.0	ug/L	SW846 6010B	
Aluminum	ND	200	ug/L	SW846 6010B	
Barium	**69.9 B**	**200**	**ug/L**	**SW846 6010B**	
Beryllium	ND	5.0	ug/L	SW846 6010B	
Calcium	**41500**	**5000**	**ug/L**	**SW846 6010B**	
Cadmium	ND	5.0	ug/L	SW846 6010B	
Cobalt	ND	50.0	ug/L	SW846 6010B	
Chromium	ND	10.0	ug/L	SW846 6010B	
Copper	**9.2 B**	**25.0**	**ug/L**	**SW846 6010B**	
Iron	**309**	**100**	**ug/L**	**SW846 6010B**	
Potassium	**4820 B**	**5000**	**ug/L**	**SW846 6010B**	
Magnesium	**17000**	**5000**	**ug/L**	**SW846 6010B**	
Manganese	**383**	**15.0**	**ug/L**	**SW846 6010B**	
Sodium	**83600**	**5000**	**ug/L**	**SW846 6010B**	
Nickel	**3.4 B**	**40.0**	**ug/L**	**SW846 6010B**	
Antimony	ND	60.0	ug/L	SW846 6010B	
Vanadium	ND	50.0	ug/L	SW846 6010B	
Zinc	ND	20.0	ug/L	SW846 6010B	
Mercury in Liquid Waste (Manual Cold-Vapor)					Reviewed
Mercury	ND	0.20	ug/L	SW846 7470A	

B Estimated result. Result is less than RL.

Volatile Organics by GC/MS					Reviewed
Acetone	**2.9 J**	**10**	**ug/L**	**SW846 8260B**	
Benzene	ND	1.0	ug/L	SW846 8260B	
Bromodichloromethane	ND	1.0	ug/L	SW846 8260B	
Bromoform	ND	1.0	ug/L	SW846 8260B	
Bromomethane	ND	1.0	ug/L	SW846 8260B	

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TESTAMERICA LABORATORIES, INC.

PRELIMINARY DATA SUMMARY

The results shown below may still require additional laboratory review and are subject to change. Actions taken based on these results are the responsibility of the data user.

Toltest, Inc. PAGE 2

Lot #: A7I180141 POND 106 **Date Reported:** 9/21/07

Client Sample ID: PD106917W

Sample #: 001 Date Sampled: 09/17/07 19:30 Date Received: 09/18/07 Matrix: WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD	
Volatile Organics by GC/MS					Reviewed
2-Butanone	ND	10	ug/L	SW846 8260B	
Carbon disulfide	ND	1.0	ug/L	SW846 8260B	
Carbon tetrachloride	ND	1.0	ug/L	SW846 8260B	
Chlorobenzene	ND	1.0	ug/L	SW846 8260B	
Dibromochloromethane	ND	1.0	ug/L	SW846 8260B	
Chloroethane	ND	1.0	ug/L	SW846 8260B	
Chloroform	ND	1.0	ug/L	SW846 8260B	
Chloromethane	ND	1.0	ug/L	SW846 8260B	
Cyclohexane	ND	1.0	ug/L	SW846 8260B	
1,2-Dibromo-3-chloro-propane	ND	2.0	ug/L	SW846 8260B	
1,2-Dibromoethane	ND	1.0	ug/L	SW846 8260B	
1,2-Dichlorobenzene	ND	1.0	ug/L	SW846 8260B	
1,3-Dichlorobenzene	ND	1.0	ug/L	SW846 8260B	
1,4-Dichlorobenzene	ND	1.0	ug/L	SW846 8260B	
Dichlorodifluoromethane	ND	1.0	ug/L	SW846 8260B	
1,1-Dichloroethane	ND	1.0	ug/L	SW846 8260B	
1,2-Dichloroethane	ND	1.0	ug/L	SW846 8260B	
cis-1,2-Dichloroethene	ND	1.0	ug/L	SW846 8260B	
trans-1,2-Dichloroethene	ND	1.0	ug/L	SW846 8260B	
1,1-Dichloroethene	ND	1.0	ug/L	SW846 8260B	
1,2-Dichloropropane	ND	1.0	ug/L	SW846 8260B	
cis-1,3-Dichloropropene	ND	1.0	ug/L	SW846 8260B	
trans-1,3-Dichloropropene	ND	1.0	ug/L	SW846 8260B	
Ethylbenzene	ND	1.0	ug/L	SW846 8260B	
2-Hexanone	ND	10	ug/L	SW846 8260B	
Isopropylbenzene	ND	1.0	ug/L	SW846 8260B	
Methyl acetate	ND	10	ug/L	SW846 8260B	
Methylcyclohexane	ND	1.0	ug/L	SW846 8260B	
Methylene chloride	ND	1.0	ug/L	SW846 8260B	
4-Methyl-2-pentanone	ND	10	ug/L	SW846 8260B	
Methyl tert-butyl ether	ND	5.0	ug/L	SW846 8260B	
Styrene	ND	1.0	ug/L	SW846 8260B	
1,1,2,2-Tetrachloroethane	ND	1.0	ug/L	SW846 8260B	
Tetrachloroethene	ND	1.0	ug/L	SW846 8260B	
Toluene	ND	1.0	ug/L	SW846 8260B	
1,2,4-Trichloro-benzene	ND	1.0	ug/L	SW846 8260B	

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TESTAMERICA LABORATORIES, INC.

PRELIMINARY DATA SUMMARY

The results shown below may still require additional laboratory review and are subject to change. Actions taken based on these results are the responsibility of the data user.

Toltest, Inc.

Lot #: A7I180141 POND 106 **Date Reported:** 9/21/07

Client Sample ID: PD106917W
Sample #: 001 Date Sampled: 09/17/07 19:30 Date Received: 09/18/07 Matrix: WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD	
Volatile Organics by GC/MS					Reviewed
1,1,1-Trichloroethane	ND	1.0	ug/L	SW846 8260B	
1,1,2-Trichloroethane	ND	1.0	ug/L	SW846 8260B	
Trichloroethene	ND	1.0	ug/L	SW846 8260B	
Trichlorofluoromethane	ND	1.0	ug/L	SW846 8260B	
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	1.0	ug/L	SW846 8260B	
Vinyl chloride	ND	1.0	ug/L	SW846 8260B	
Xylenes (total)	ND	2.0	ug/L	SW846 8260B	

J Estimated result. Result is less than RL.

Semivolatile Organic Compounds by GC/MS					Reviewed
Acenaphthene	ND	10	ug/L	SW846 8270C	
Acenaphthylene	ND	10	ug/L	SW846 8270C	
Acetophenone	ND	10	ug/L	SW846 8270C	
Anthracene	ND	10	ug/L	SW846 8270C	
Atrazine	ND	10	ug/L	SW846 8270C	
Benzo(a)anthracene	ND	10	ug/L	SW846 8270C	
Benzo(a)pyrene	ND	10	ug/L	SW846 8270C	
Benzo(b)fluoranthene	ND	10	ug/L	SW846 8270C	
Benzo(ghi)perylene	ND	10	ug/L	SW846 8270C	
Benzo(k)fluoranthene	ND	10	ug/L	SW846 8270C	
Benzaldehyde	ND	10	ug/L	SW846 8270C	
1,1'-Biphenyl	ND	10	ug/L	SW846 8270C	
bis(2-Chloroethoxy) methane	ND	10	ug/L	SW846 8270C	
bis(2-Chloroethyl)-ether	ND	10	ug/L	SW846 8270C	
bis(2-Ethylhexyl) phthalate	ND	10	ug/L	SW846 8270C	
4-Bromophenyl phenyl ether	ND	10	ug/L	SW846 8270C	
Butyl benzyl phthalate	ND	10	ug/L	SW846 8270C	
Caprolactam	ND	10	ug/L	SW846 8270C	
Carbazole	ND	10	ug/L	SW846 8270C	
4-Chloroaniline	ND	10	ug/L	SW846 8270C	

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TESTAMERICA LABORATORIES, INC.

PRELIMINARY DATA SUMMARY

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Toltest, Inc.

Lot #: A7I180141 POND 106 **Date Reported:** 9/21/07

Client Sample ID: PD106917W

Sample #: 001 Date Sampled: 09/17/07 19:30 Date Received: 09/18/07 Matrix: WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD	
Semivolatile Organic Compounds by GC/MS					Reviewed
4-Chloro-3-methylphenol	ND	10	ug/L	SW846 8270C	
2-Chloronaphthalene	ND	10	ug/L	SW846 8270C	
2-Chlorophenol	ND	10	ug/L	SW846 8270C	
4-Chlorophenyl phenyl ether	ND	10	ug/L	SW846 8270C	
Chrysene	ND	10	ug/L	SW846 8270C	
Dibenz(a,h)anthracene	ND	10	ug/L	SW846 8270C	
Dibenzofuran	ND	10	ug/L	SW846 8270C	
3,3'-Dichlorobenzidine	ND	50	ug/L	SW846 8270C	
2,4-Dichlorophenol	ND	10	ug/L	SW846 8270C	
Diethyl phthalate	ND	10	ug/L	SW846 8270C	
2,4-Dimethylphenol	ND	10	ug/L	SW846 8270C	
Dimethyl phthalate	ND	10	ug/L	SW846 8270C	
Di-n-butyl phthalate	ND	10	ug/L	SW846 8270C	
4,6-Dinitro-2-methylphenol	ND	50	ug/L	SW846 8270C	
2,4-Dinitrophenol	ND	50	ug/L	SW846 8270C	
2,4-Dinitrotoluene	ND	10	ug/L	SW846 8270C	
2,6-Dinitrotoluene	ND	10	ug/L	SW846 8270C	
Di-n-octyl phthalate	ND	10	ug/L	SW846 8270C	
Fluoranthene	ND	10	ug/L	SW846 8270C	
Fluorene	ND	10	ug/L	SW846 8270C	
Hexachlorobenzene	ND	10	ug/L	SW846 8270C	
Hexachlorobutadiene	ND	10	ug/L	SW846 8270C	
Hexachlorocyclopenta-diene	ND	50	ug/L	SW846 8270C	
Hexachloroethane	ND	10	ug/L	SW846 8270C	
Indeno(1,2,3-cd)pyrene	ND	10	ug/L	SW846 8270C	
Isophorone	ND	10	ug/L	SW846 8270C	
2-Methylnaphthalene	ND	10	ug/L	SW846 8270C	
2-Methylphenol	ND	10	ug/L	SW846 8270C	
4-Methylphenol	ND	10	ug/L	SW846 8270C	
Naphthalene	ND	10	ug/L	SW846 8270C	
2-Nitroaniline	ND	50	ug/L	SW846 8270C	
3-Nitroaniline	ND	50	ug/L	SW846 8270C	
4-Nitroaniline	ND	50	ug/L	SW846 8270C	
Nitrobenzene	ND	10	ug/L	SW846 8270C	

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TESTAMERICA LABORATORIES, INC.

PRELIMINARY DATA SUMMARY

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Toltest, Inc.

Lot #: A7I180141 POND 106 **Date Reported:** 9/21/07

Client Sample ID: PD106917W
Sample #: 001 Date Sampled: 09/17/07 19:30 Date Received: 09/18/07 Matrix: WATER

Semivolatile Organic Compounds by GC/MS — Reviewed

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD
2-Nitrophenol	ND	10	ug/L	SW846 8270C
4-Nitrophenol	ND	50	ug/L	SW846 8270C
N-Nitrosodi-n-propyl-amine	ND	10	ug/L	SW846 8270C
N-Nitrosodiphenylamine	ND	10	ug/L	SW846 8270C
2,2'-oxybis(1-Chloropropane)	ND	10	ug/L	SW846 8270C
Pentachlorophenol	ND	10	ug/L	SW846 8270C
Phenanthrene	ND	10	ug/L	SW846 8270C
Phenol	ND	10	ug/L	SW846 8270C
Pyrene	ND	10	ug/L	SW846 8270C
2,4,5-Trichloro-phenol	ND	10	ug/L	SW846 8270C
2,4,6-Trichloro-phenol	ND	10	ug/L	SW846 8270C

Client Sample ID: TRIP BLANK
Sample #: 002 Date Sampled: 09/17/07 19:30 Date Received: 09/18/07 Matrix: WATER

Volatile Organics by GC/MS — Reviewed

Acetone	**4.5 J**	**10**	**ug/L**	**SW846 8260B**
Benzene	ND	1.0	ug/L	SW846 8260B
Bromodichloromethane	ND	1.0	ug/L	SW846 8260B
Bromoform	ND	1.0	ug/L	SW846 8260B
Bromomethane	ND	1.0	ug/L	SW846 8260B
2-Butanone	ND	10	ug/L	SW846 8260B
Carbon disulfide	ND	1.0	ug/L	SW846 8260B
Carbon tetrachloride	ND	1.0	ug/L	SW846 8260B
Chlorobenzene	ND	1.0	ug/L	SW846 8260B
Dibromochloromethane	ND	1.0	ug/L	SW846 8260B
Chloroethane	ND	1.0	ug/L	SW846 8260B
Chloroform	ND	1.0	ug/L	SW846 8260B
Chloromethane	ND	1.0	ug/L	SW846 8260B
Cyclohexane	ND	1.0	ug/L	SW846 8260B
1,2-Dibromo-3-chloro-propane	ND	2.0	ug/L	SW846 8260B

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TESTAMERICA LABORATORIES, INC.

PRELIMINARY DATA SUMMARY

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Toltest, Inc.

Lot #: A7I180141 POND 106 **Date Reported:** 9/21/07

Client Sample ID: TRIP BLANK
Sample #: 002 Date Sampled: 09/17/07 19:30 Date Received: 09/18/07 Matrix: WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD	
Volatile Organics by GC/MS					Reviewed
1,2-Dibromoethane	ND	1.0	ug/L	SW846 8260B	
1,2-Dichlorobenzene	ND	1.0	ug/L	SW846 8260B	
1,3-Dichlorobenzene	ND	1.0	ug/L	SW846 8260B	
1,4-Dichlorobenzene	ND	1.0	ug/L	SW846 8260B	
Dichlorodifluoromethane	ND	1.0	ug/L	SW846 8260B	
1,1-Dichloroethane	ND	1.0	ug/L	SW846 8260B	
1,2-Dichloroethane	ND	1.0	ug/L	SW846 8260B	
cis-1,2-Dichloroethene	ND	1.0	ug/L	SW846 8260B	
trans-1,2-Dichloroethene	ND	1.0	ug/L	SW846 8260B	
1,1-Dichloroethene	ND	1.0	ug/L	SW846 8260B	
1,2-Dichloropropane	ND	1.0	ug/L	SW846 8260B	
cis-1,3-Dichloropropene	ND	1.0	ug/L	SW846 8260B	
trans-1,3-Dichloropropene	ND	1.0	ug/L	SW846 8260B	
Ethylbenzene	ND	1.0	ug/L	SW846 8260B	
2-Hexanone	ND	10	ug/L	SW846 8260B	
Isopropylbenzene	ND	1.0	ug/L	SW846 8260B	
Methyl acetate	ND	10	ug/L	SW846 8260B	
Methylcyclohexane	ND	1.0	ug/L	SW846 8260B	
Methylene chloride	ND	1.0	ug/L	SW846 8260B	
4-Methyl-2-pentanone	ND	10	ug/L	SW846 8260B	
Methyl tert-butyl ether	ND	5.0	ug/L	SW846 8260B	
Styrene	ND	1.0	ug/L	SW846 8260B	
1,1,2,2-Tetrachloroethane	ND	1.0	ug/L	SW846 8260B	
Tetrachloroethene	ND	1.0	ug/L	SW846 8260B	
Toluene	ND	1.0	ug/L	SW846 8260B	
1,2,4-Trichloro-benzene	ND	1.0	ug/L	SW846 8260B	
1,1,1-Trichloroethane	ND	1.0	ug/L	SW846 8260B	
1,1,2-Trichloroethane	ND	1.0	ug/L	SW846 8260B	
Trichloroethene	ND	1.0	ug/L	SW846 8260B	
Trichlorofluoromethane	ND	1.0	ug/L	SW846 8260B	
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	1.0	ug/L	SW846 8260B	
Vinyl chloride	ND	1.0	ug/L	SW846 8260B	
Xylenes (total)	ND	2.0	ug/L	SW846 8260B	

J Estimated result. Result is less than RL.

TESTAMERICA LABORATORIES, INC.

PRELIMINARY DATA SUMMARY

The results shown below may still require additional laboratory review and are subject to change. Actions taken based on these results are the responsibility of the data user.

Toltest, Inc. PAGE 1

Lot #: A7J240178 POND 106 CRANE IN **Date Reported:** 10/30/07

Client Sample ID: PD106102307

Sample #: 001 Date Sampled: 10/23/07 07:00 Date Received: 10/24/07 Matrix: WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD	
Trace Inductively Coupled Plasma (ICP) Metals					Reviewed
Arsenic	ND	10.0	ug/L	SW846 6010B	
Lead	ND	3.0	ug/L	SW846 6010B	
Selenium	ND	5.0	ug/L	SW846 6010B	
Thallium	**4.9 B**	**10.0**	**ug/L**	**SW846 6010B**	
Inductively Coupled Plasma (ICP) Metals					Reviewed
Silver	ND	10.0	ug/L	SW846 6010B	
Aluminum	ND	200	ug/L	SW846 6010B	
Barium	**99.0 B**	**200**	**ug/L**	**SW846 6010B**	
Beryllium	ND	5.0	ug/L	SW846 6010B	
Calcium	**52900**	**5000**	**ug/L**	**SW846 6010B**	
Cadmium	ND	5.0	ug/L	SW846 6010B	
Cobalt	ND	50.0	ug/L	SW846 6010B	
Chromium	ND	10.0	ug/L	SW846 6010B	
Copper	**13.8 B**	**25.0**	**ug/L**	**SW846 6010B**	
Iron	**646**	**100**	**ug/L**	**SW846 6010B**	
Potassium	**3880 B**	**5000**	**ug/L**	**SW846 6010B**	
Magnesium	**18300**	**5000**	**ug/L**	**SW846 6010B**	
Manganese	**540**	**15.0**	**ug/L**	**SW846 6010B**	
Sodium	**77300**	**5000**	**ug/L**	**SW846 6010B**	
Nickel	ND	40.0	ug/L	SW846 6010B	
Antimony	ND	60.0	ug/L	SW846 6010B	
Vanadium	ND	50.0	ug/L	SW846 6010B	
Zinc	ND	20.0	ug/L	SW846 6010B	
Mercury in Liquid Waste (Manual Cold-Vapor)					Reviewed
Mercury	ND	0.20	ug/L	SW846 7470A	

B Estimated result. Result is less than RL.

Volatile Organics by GC/MS					Reviewed
Acetone	ND	10	ug/L	SW846 8260B	
Benzene	ND	1.0	ug/L	SW846 8260B	
Bromodichloromethane	ND	1.0	ug/L	SW846 8260B	
Bromoform	ND	1.0	ug/L	SW846 8260B	
Bromomethane	ND	1.0	ug/L	SW846 8260B	

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TESTAMERICA LABORATORIES, INC.

PRELIMINARY DATA SUMMARY

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Toltest, Inc. PAGE 2

Lot #: A7J240178 POND 106 CRANE IN **Date Reported:** 10/30/07

Client Sample ID: PD106102307

Sample #: 001 Date Sampled: 10/23/07 07:00 Date Received: 10/24/07 Matrix: WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD	
Volatile Organics by GC/MS					Reviewed
2-Butanone	ND	10	ug/L	SW846 8260B	
Carbon disulfide	ND	1.0	ug/L	SW846 8260B	
Carbon tetrachloride	ND	1.0	ug/L	SW846 8260B	
Chlorobenzene	ND	1.0	ug/L	SW846 8260B	
Dibromochloromethane	ND	1.0	ug/L	SW846 8260B	
Chloroethane	ND	1.0	ug/L	SW846 8260B	
Chloroform	ND	1.0	ug/L	SW846 8260B	
Chloromethane	ND	1.0	ug/L	SW846 8260B	
Cyclohexane	ND	1.0	ug/L	SW846 8260B	
1,2-Dibromo-3-chloro-propane	ND	2.0	ug/L	SW846 8260B	
1,2-Dibromoethane	ND	1.0	ug/L	SW846 8260B	
1,2-Dichlorobenzene	ND	1.0	ug/L	SW846 8260B	
1,3-Dichlorobenzene	ND	1.0	ug/L	SW846 8260B	
1,4-Dichlorobenzene	ND	1.0	ug/L	SW846 8260B	
Dichlorodifluoromethane	ND	1.0	ug/L	SW846 8260B	
1,1-Dichloroethane	**0.33 J**	**1.0**	**ug/L**	**SW846 8260B**	
1,2-Dichloroethane	ND	1.0	ug/L	SW846 8260B	
cis-1,2-Dichloroethene	**3.4**	**1.0**	**ug/L**	**SW846 8260B**	
trans-1,2-Dichloroethene	ND	1.0	ug/L	SW846 8260B	
1,1-Dichloroethene	ND	1.0	ug/L	SW846 8260B	
1,2-Dichloropropane	ND	1.0	ug/L	SW846 8260B	
cis-1,3-Dichloropropene	ND	1.0	ug/L	SW846 8260B	
trans-1,3-Dichloropropene	ND	1.0	ug/L	SW846 8260B	
Ethylbenzene	ND	1.0	ug/L	SW846 8260B	
2-Hexanone	ND	10	ug/L	SW846 8260B	
Isopropylbenzene	ND	1.0	ug/L	SW846 8260B	
Methyl acetate	ND	10	ug/L	SW846 8260B	
Methylcyclohexane	ND	1.0	ug/L	SW846 8260B	
Methylene chloride	ND	1.0	ug/L	SW846 8260B	
4-Methyl-2-pentanone	ND	10	ug/L	SW846 8260B	
Methyl tert-butyl ether	ND	5.0	ug/L	SW846 8260B	
Styrene	ND	1.0	ug/L	SW846 8260B	
1,1,2,2-Tetrachloroethane	ND	1.0	ug/L	SW846 8260B	
Tetrachloroethene	ND	1.0	ug/L	SW846 8260B	
Toluene	ND	1.0	ug/L	SW846 8260B	
1,2,4-Trichloro-benzene	ND	1.0	ug/L	SW846 8260B	

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TESTAMERICA LABORATORIES, INC.

PRELIMINARY DATA SUMMARY

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Toltest, Inc.

Lot #: A7J240178 POND 106 CRANE IN **Date Reported:** 10/30/07

Client Sample ID: PD106102307
Sample #: 001 Date Sampled: 10/23/07 07:00 Date Received: 10/24/07 Matrix: WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD	
Volatile Organics by GC/MS					Reviewed
1,1,1-Trichloroethane	ND	1.0	ug/L	SW846 8260B	
1,1,2-Trichloroethane	ND	1.0	ug/L	SW846 8260B	
Trichloroethene	ND	1.0	ug/L	SW846 8260B	
Trichlorofluoromethane	ND	1.0	ug/L	SW846 8260B	
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	1.0	ug/L	SW846 8260B	
Vinyl chloride	ND	1.0	ug/L	SW846 8260B	
Xylenes (total)	ND	2.0	ug/L	SW846 8260B	

J Estimated result. Result is less than RL.

Semivolatile Organic Compounds by GC/MS					Reviewed
Acenaphthene	ND	10	ug/L	SW846 8270C	
Acenaphthylene	ND	10	ug/L	SW846 8270C	
Acetophenone	ND	10	ug/L	SW846 8270C	
Anthracene	ND	10	ug/L	SW846 8270C	
Atrazine	ND	10	ug/L	SW846 8270C	
Benzo(a)anthracene	ND	10	ug/L	SW846 8270C	
Benzo(a)pyrene	ND	10	ug/L	SW846 8270C	
Benzo(b)fluoranthene	ND	10	ug/L	SW846 8270C	
Benzo(ghi)perylene	ND	10	ug/L	SW846 8270C	
Benzo(k)fluoranthene	ND	10	ug/L	SW846 8270C	
Benzaldehyde	ND	10	ug/L	SW846 8270C	
1,1'-Biphenyl	ND	10	ug/L	SW846 8270C	
bis(2-Chloroethoxy) methane	ND	10	ug/L	SW846 8270C	
bis(2-Chloroethyl)-ether	ND	10	ug/L	SW846 8270C	
bis(2-Ethylhexyl) phthalate	**2.0 J**	**10**	**ug/L**	**SW846 8270C**	
4-Bromophenyl phenyl ether	ND	10	ug/L	SW846 8270C	
Butyl benzyl phthalate	ND	10	ug/L	SW846 8270C	
Caprolactam	ND	10	ug/L	SW846 8270C	
Carbazole	ND	10	ug/L	SW846 8270C	
4-Chloroaniline	ND	10	ug/L	SW846 8270C	

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TESTAMERICA LABORATORIES, INC.

PRELIMINARY DATA SUMMARY

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Toltest, Inc.

Lot #: A7J240178 POND 106 CRANE IN **Date Reported:** 10/30/07

Client Sample ID: PD106102307
Sample #: 001 Date Sampled: 10/23/07 07:00 Date Received: 10/24/07 Matrix: WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD	
Semivolatile Organic Compounds by GC/MS					Reviewed
4-Chloro-3-methylphenol	ND	10	ug/L	SW846 8270C	
2-Chloronaphthalene	ND	10	ug/L	SW846 8270C	
2-Chlorophenol	ND	10	ug/L	SW846 8270C	
4-Chlorophenyl phenyl ether	ND	10	ug/L	SW846 8270C	
Chrysene	ND	10	ug/L	SW846 8270C	
Dibenz(a,h)anthracene	ND	10	ug/L	SW846 8270C	
Dibenzofuran	ND	10	ug/L	SW846 8270C	
3,3'-Dichlorobenzidine	ND	50	ug/L	SW846 8270C	
2,4-Dichlorophenol	ND	10	ug/L	SW846 8270C	
Diethyl phthalate	ND	10	ug/L	SW846 8270C	
2,4-Dimethylphenol	ND	10	ug/L	SW846 8270C	
Dimethyl phthalate	ND	10	ug/L	SW846 8270C	
Di-n-butyl phthalate	ND	10	ug/L	SW846 8270C	
4,6-Dinitro-2-methylphenol	ND	50	ug/L	SW846 8270C	
2,4-Dinitrophenol	ND	50	ug/L	SW846 8270C	
2,4-Dinitrotoluene	ND	10	ug/L	SW846 8270C	
2,6-Dinitrotoluene	ND	10	ug/L	SW846 8270C	
Di-n-octyl phthalate	ND	10	ug/L	SW846 8270C	
Fluoranthene	ND	10	ug/L	SW846 8270C	
Fluorene	ND	10	ug/L	SW846 8270C	
Hexachlorobenzene	ND	10	ug/L	SW846 8270C	
Hexachlorobutadiene	ND	10	ug/L	SW846 8270C	
Hexachlorocyclopenta-diene	ND	50	ug/L	SW846 8270C	
Hexachloroethane	ND	10	ug/L	SW846 8270C	
Indeno(1,2,3-cd)pyrene	ND	10	ug/L	SW846 8270C	
Isophorone	ND	10	ug/L	SW846 8270C	
2-Methylnaphthalene	ND	10	ug/L	SW846 8270C	
2-Methylphenol	ND	10	ug/L	SW846 8270C	
4-Methylphenol	ND	10	ug/L	SW846 8270C	
Naphthalene	ND	10	ug/L	SW846 8270C	
2-Nitroaniline	ND	50	ug/L	SW846 8270C	
3-Nitroaniline	ND	50	ug/L	SW846 8270C	
4-Nitroaniline	ND	50	ug/L	SW846 8270C	
Nitrobenzene	ND	10	ug/L	SW846 8270C	

(Continued on next page)

TESTAMERICA LABORATORIES, INC.

PRELIMINARY DATA SUMMARY

The results shown below may still require additional laboratory review and are subject to change. Actions taken based on these results are the responsibility of the data user.

Toltest, Inc.

Lot #: A7J240178 POND 106 CRANE IN **Date Reported:** 10/30/07

Client Sample ID: PD106102307
Sample #: 001 Date Sampled: 10/23/07 07:00 Date Received: 10/24/07 Matrix: WATER

Semivolatile Organic Compounds by GC/MS — Reviewed

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD
2-Nitrophenol	ND	10	ug/L	SW846 8270C
4-Nitrophenol	ND	50	ug/L	SW846 8270C
N-Nitrosodi-n-propyl-amine	ND	10	ug/L	SW846 8270C
N-Nitrosodiphenylamine	ND	10	ug/L	SW846 8270C
2,2'-oxybis(1-Chloropropane)	ND	10	ug/L	SW846 8270C
Pentachlorophenol	ND	10	ug/L	SW846 8270C
Phenanthrene	ND	10	ug/L	SW846 8270C
Phenol	ND	10	ug/L	SW846 8270C
Pyrene	ND	10	ug/L	SW846 8270C
2,4,5-Trichloro-phenol	ND	10	ug/L	SW846 8270C
2,4,6-Trichloro-phenol	ND	10	ug/L	SW846 8270C

J Estimated result. Result is less than RL.

Client Sample ID: TRIP BLANK
Sample #: 002 Date Sampled: 10/23/07 07:00 Date Received: 10/24/07 Matrix: WATER

Volatile Organics by GC/MS — Reviewed

Acetone	**4.4 J**	**10**	**ug/L**	**SW846 8260B**
Benzene	ND	1.0	ug/L	SW846 8260B
Bromodichloromethane	ND	1.0	ug/L	SW846 8260B
Bromoform	ND	1.0	ug/L	SW846 8260B
Bromomethane	ND	1.0	ug/L	SW846 8260B
2-Butanone	ND	10	ug/L	SW846 8260B
Carbon disulfide	ND	1.0	ug/L	SW846 8260B
Carbon tetrachloride	ND	1.0	ug/L	SW846 8260B
Chlorobenzene	ND	1.0	ug/L	SW846 8260B
Dibromochloromethane	ND	1.0	ug/L	SW846 8260B
Chloroethane	ND	1.0	ug/L	SW846 8260B
Chloroform	ND	1.0	ug/L	SW846 8260B
Chloromethane	ND	1.0	ug/L	SW846 8260B
Cyclohexane	ND	1.0	ug/L	SW846 8260B

(Continued on next page)

TESTAMERICA LABORATORIES, INC.

PRELIMINARY DATA SUMMARY

The results shown below may still require additional laboratory review and are subject to change. Actions taken based on these results are the responsibility of the data user.

Toltest, Inc.

Lot #: A7J240178 POND 106 CRANE IN **Date Reported:** 10/30/07

Client Sample ID: TRIP BLANK
Sample #: 002 Date Sampled: 10/23/07 07:00 Date Received: 10/24/07 Matrix: WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD	
Volatile Organics by GC/MS					Reviewed
1,2-Dibromo-3-chloro-propane	ND	2.0	ug/L	SW846 8260B	
1,2-Dibromoethane	ND	1.0	ug/L	SW846 8260B	
1,2-Dichlorobenzene	ND	1.0	ug/L	SW846 8260B	
1,3-Dichlorobenzene	ND	1.0	ug/L	SW846 8260B	
1,4-Dichlorobenzene	ND	1.0	ug/L	SW846 8260B	
Dichlorodifluoromethane	ND	1.0	ug/L	SW846 8260B	
1,1-Dichloroethane	ND	1.0	ug/L	SW846 8260B	
1,2-Dichloroethane	ND	1.0	ug/L	SW846 8260B	
cis-1,2-Dichloroethene	ND	1.0	ug/L	SW846 8260B	
trans-1,2-Dichloroethene	ND	1.0	ug/L	SW846 8260B	
1,1-Dichloroethene	**0.22 J**	**1.0**	**ug/L**	**SW846 8260B**	
1,2-Dichloropropane	ND	1.0	ug/L	SW846 8260B	
cis-1,3-Dichloropropene	ND	1.0	ug/L	SW846 8260B	
trans-1,3-Dichloropropene	ND	1.0	ug/L	SW846 8260B	
Ethylbenzene	ND	1.0	ug/L	SW846 8260B	
2-Hexanone	ND	10	ug/L	SW846 8260B	
Isopropylbenzene	ND	1.0	ug/L	SW846 8260B	
Methyl acetate	ND	10	ug/L	SW846 8260B	
Methylcyclohexane	ND	1.0	ug/L	SW846 8260B	
Methylene chloride	ND	1.0	ug/L	SW846 8260B	
4-Methyl-2-pentanone	ND	10	ug/L	SW846 8260B	
Methyl tert-butyl ether	ND	5.0	ug/L	SW846 8260B	
Styrene	ND	1.0	ug/L	SW846 8260B	
1,1,2,2-Tetrachloroethane	ND	1.0	ug/L	SW846 8260B	
Tetrachloroethene	ND	1.0	ug/L	SW846 8260B	
Toluene	**0.32 J**	**1.0**	**ug/L**	**SW846 8260B**	
1,2,4-Trichloro-benzene	ND	1.0	ug/L	SW846 8260B	
1,1,1-Trichloroethane	ND	1.0	ug/L	SW846 8260B	
1,1,2-Trichloroethane	ND	1.0	ug/L	SW846 8260B	
Trichloroethene	ND	1.0	ug/L	SW846 8260B	
Trichlorofluoromethane	ND	1.0	ug/L	SW846 8260B	
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	1.0	ug/L	SW846 8260B	
Vinyl chloride	ND	1.0	ug/L	SW846 8260B	
Xylenes (total)	ND	2.0	ug/L	SW846 8260B	

(Continued on next page)

TESTAMERICA LABORATORIES, INC.

PRELIMINARY DATA SUMMARY

The results shown below may still require additional laboratory review and are subject to change. Actions taken based on these results are the responsibility of the data user.

Toltest, Inc. PAGE 7

Lot #: A7J240178 POND 106 CRANE IN **Date Reported:** 10/30/07

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD

Client Sample ID: TRIP BLANK

Sample #: 002 Date Sampled: 10/23/07 07:00 Date Received: 10/24/07 Matrix: WATER

Volatile Organics by GC/MS Reviewed

J Estimated result. Result is less than RL.

APPENDIX C

Analytical Sampling Results of Pond 106 Side Walls

LAUCKS TESTING LABORATORIES

SAMPLE DATA PACKAGE

TETRA TECH NUS, INC.

SDG NO.: TT02001

November 14, 2007

LAUCKS TESTING LABORATORIES
940 S. Harney
Seattle, WA 98108

To: Tetra Tech NUS, Inc.
Project Name: NSWC Crane CTO 0020
SDG No.: TT02001
Date of Report: November 14, 2007

SAMPLE RECEIPT, IDENTIFICATION, AND GENERAL COMMENTS:

Sample Receipt and Identification:

The samples submitted under the laboratory number(s) indicated above were identified and analyzed as tabulated below. The samples were collected and received on the dates noted on the enclosed chain-of-custody copies, Attachment A.

Client Sample Identification	Laucks Sample Identification	Testing Analytical Request
08SSW001	TT02001-001	VOA
08SSW002	TT02001-002	VOA
08SSW003	TT02001-003	VOA
08SSW004	TT02001-004	VOA
08SSW005	TT02001-005	VOA
08SSW006	TT02001-006	VOA
08SSW007	TT02001-007	VOA
08SSW008	TT02001-008	VOA
08SSW009	TT02001-009	VOA
08SSW010	TT02001-010	VOA
08SSW011	TT02001-011	VOA
08SSW012	TT02001-012	VOA
08SSW013	TT02001-013	VOA
08FD10030701	TT02001-014	VOA
08SSW014	TT02001-015	VOA
08SSW015	TT02001-016	VOA
08SSW016	TT02001-017	VOA
08TB100407	TT02001-018	VOA

Analytical Request Key:

VOA = Volatile Organics (8260B)

Sample Receipt Comments:

The following discrepancies were noted in association with the receipt of these samples.

Of three containers measured, all were measured at temperatures above the control limits of 4°C ± 2°C. The client was notified of this discrepancy on 10/5/07 via email.

One 40-mL VOA vial was received for sample 08TB100407, but was not on the chain of custody (COC). The sample, which is a trip blank, was added to the SDG and scheduled for volatiles analysis.

One of one volatiles bottles submitted for 08TB100407 a contained bubble of greater than 1/4 inch in size.

GENERAL REMARKS ON ORGANIC ANALYSES:

The following comments describe general analysis conditions. For remarks specific to the samples reported in this case, see "SPECIFIC REMARKS ON ORGANIC ANALYSIS."

Manual Integrations:
One or more analytes may have been manually integrated on the data system quantitation reports. All manual integrations have been flagged, initialed, and dated by the analyst. A list of the manual integration flags is detailed below.

M	Manual integration due to irregular peak shape
MS	Manual integration due to split peak
MR	Manual integration due to retention time shift
MI	Manual integration of correct isomer
MT	Manual integration due to peak tailing
MB	Manual integration due to irregular baseline

Holding Time Compliance:

Volatile Organic Compounds:

The holding time is 14 days calculated from date of collection in both soil and water samples. All samples were analyzed within holding time.

Volatiles Fraction:

Initial Calibration Verification:
In the ICV performed on 9/28/2007 2-butanone, 2-hexanone, 4-methyl-2-pentanone, acetone, and t-butyl alcohol exceeded 25% due to increased response. T-butyl alcohol was not a target analyte for this SDG. In all but one of the daily second sources associated with this SDG, these analytes recovered within 25% so no further action was taken.

Continuing Calibration Verification (CCV):
In the CCVs performed on 10/09/2007 and 10/10/2007 the percent difference values for 1,1,2-trichloro-1,2,2-trifluoroethane and the percent drift values for methylene chloride exceeded 20% due to increased response. 1,1,2-trichloro-1,2,2-trifluoroethane was not detected in any associated samples so no further action was taken. Results for methylene chloride might be biased high in any associated samples.

In the CCV performed on 10/15/2007 the percent difference values for several analytes and the percent drift value for methylene chloride exceeded 20% due to increased response. Except for

methylene chloride, 1,1,1-trichloroethane, and trichloroethene, these analytes were not detected in any associated samples. Because this was the third analysis for the associated samples and there was no more sample to reanalyze, no further action was taken. Results for these analytes might be biased high in any associated samples.

Method Blank

Analysis of the method blank performed on 10/09/2007 resulted in the detection of acetone below the reporting limit and methylene chloride slightly above the reporting limit. The presence of these analytes may be due to laboratory contamination since they are common laboratory solvents. Except for the trip blank 08TB100407, all samples with hits of methylene chloride were reanalyzed on a different day. Because only one trip blank was received, a reanalysis could not be performed. All sample results reported for these analytes have been "B" flagged to denote their presence in the associated method blank analysis.

Analysis of the method blank performed on 10/10/2007 resulted in the detection of acetone and methylene chloride below the reporting limit. The presence of these analytes may be due to laboratory contamination since they are common laboratory solvents. The blank was compliant, so no further action was taken. All sample results reported for these analytes have been "B" flagged to denote their presence in the associated method blank analysis.

Analysis of the method blank performed on 10/15/2007 resulted in the detection of acetone below the reporting limit. The presence of this analyte may be due to laboratory contamination since it is a common laboratory solvent. The blank was compliant. No further action was taken. All sample results reported for this analyte have been "B" flagged to denote its presence in the associated method blank analysis.

Sample Analysis

Analyses of samples 08SSW001, 08SSW004, 08FD10030701 and 08SSW014 yielded concentrations for target analytes that exceeded the calibration range. These samples were diluted accordingly and reanalyzed. The diluted analyses were not linear with the undiluted analyses due to soil samples that were not homogeneous. These samples were analyzed a third time and still were not linear with initial analyses. Three sets of data have been submitted. The highest result was reported.

Analysis of sample 08SSW003 yielded concentrations for target analytes that exceeded the calibration range. The same analysis also yielded internal standard responses that did not meet the required criteria. The sample was diluted accordingly and reanalyzed. The reanalysis yielded in control internal standard responses but was not linear with the undiluted analysis. The sample was analyzed a third time and still was not linear with the initial analysis because the sample was probably not homogeneous and because of the low internal standard response in the original analysis. Three sets of data have been submitted. The highest result was reported.

Analysis of sample 08SSW006 yielded internal standard responses and a surrogate recovery for toluene-d8 that did not meet the required criteria. Corrective action was taken in the form of reanalysis. The reanalysis yielded in control internal standard responses and surrogate recoveries. Both sets of data have been submitted. Results were reported from the second analysis.

Samples 08SSW008 and 08SSW013 yielded internal standard responses that did not meet the required criteria. Corrective action was taken in the form of reanalysis. Reanalysis of the samples

yielded in control internal standard responses. Both sets of data have been submitted. Results were reported from the reanalyses.

Quality Control Analysis:
MS/MSD analyses performed on sample 08SSW011 yielded low recoveries for several analytes and one RPD that was out of control. Due to insufficient sample volume, reanalysis could not be performed.

All blank spike analyses met the required control limits.

LAUCKS TESTING LABORATORIES
940 S. Harney
Seattle, WA 98108

ABBREVIATIONS

Several abbreviations can appear in our reports. The most commonly employed abbreviations are as follows:

U The analyte of interest was not detected to the limit of detection indicated.

SDL Sample Detection Limit. The SDL can vary from sample to sample, depending on sample size, matrix interferences, moisture content and other sample-specific conditions.

PQL Practical Quantitation Limit. The limit is drawn from the test method and usually represents the SDL multiplied by a matrix-specific factor.

DB Dry Basis. The value reported has been back-calculated to normalize for the moisture content of the sample.

AR As-Received. The value has not been normalized for moisture.

ORGANIC ANALYSES:

B When used in relation to organics fractions, the "B" flag indicates that the analyte of interest was detected in the method blank associated with the sample, as well as in the sample itself. The "B" flag is applied without regard to the relative concentrations detected in the blank and sample.

J The analyte of interest was detected below the routine reporting limit. This value should be regarded as an estimate.

T The flagged values represent the SUM of two co-eluting compounds. The SUM of these two values is shown as though it were a result for each of them. The two figures should not be added together.

E The flagged value was reported from an analysis that exceeded the linear range of the instrument. See additional comments for further discussion of the circumstances. Values so flagged should be considered estimates.

P When a dual column GC technique is employed, this flag indicates that test results from the two columns differ by more than 25%. Generally, we report the higher value.

C The flagged analyte has been confirmed by GC/MS analysis. The value reported may be derived from either the initial of confirmatory (GC/MS) analysis. See specific report comments for details.

~ This result has been identified as non-primary based on the analyst's professional judgment.

CRQL Client requested Quantitation Limit, usually the limit of detection specified at your request. Might also be referred to as Contract Required Quantitation Limit.

LAUCKS TESTING LABORATORIES
940 S. Harney
Seattle, WA 98108

RELEASE OF DATA

Laucks certifies that these results meet all requirements of the NELAC standards, except where otherwise noted.

"I certify that this data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed above. Release of the data contained in this hardcopy data package and in the computer-readable data submitted on diskette has been authorized by the Laboratory Manager or his designee, as verified by the following signature."

Respectfully submitted,

M. Elaine Walker
Project Manager

11/14/07
(DATE)

Harry Romberg
Quality Assurance Officer

11/14/07
(DATE)

HOW TO CONTACT US:

All Laucks Testing Laboratories staff members can be reached at the same telephone and facsimile numbers: (206) 767-5060 by phone, (206) 767-5063 by FAX.

REQUESTS FOR DUPLICATE COPIES:

This packet has been checked for accuracy. All pages are present and in sequential order. Please see Attachment B for a detailed record.

In the event that duplicate data copies are needed, Laucks will accommodate your request at a fee of twenty-five cents ($0.25) per copy, plus shipping. If the data are in storage, there will also be a fee for retrieval.

LAUCKS TESTING LABORATORIES
940 S. Harney
Seattle, WA 98108

ATTACHMENT A

Chain-of-Custody Copies

LAUCKS TESTING LABORATORIES, INC. - SAMPLE CONFIRMATION LOG

Sample ID (SDG-#)	VTSR	Collected On	Client ID	2540B Total Solids, soil (Inorganic dept.)	8260 (5-day) VOAs Soil Extended with Appendix IX	8260-1 VOAs Water Extended with Appendix IX
TT02001-**001**	10/05/2007 08:15 AM	10/03/2007 12:50 PM	08SSW001	IN	IN	
TT02001-**002**	10/05/2007 08:15 AM	10/03/2007 12:58 PM	08SSW002	IN	IN	
TT02001-**003**	10/05/2007 08:15 AM	10/03/2007 01:05 PM	08SSW003	IN	IN	
TT02001-**004**	10/05/2007 08:15 AM	10/03/2007 01:15 PM	08SSW004	IN	IN	
TT02001-**005**	10/05/2007 08:15 AM	10/03/2007 01:25 PM	08SSW005	IN	IN	
TT02001-**006**	10/05/2007 08:15 AM	10/03/2007 01:30 PM	08SSW006	IN	IN	
TT02001-**007**	10/05/2007 08:15 AM	10/03/2007 01:46 PM	08SSW007	IN	IN	
TT02001-**008**	10/05/2007 08:15 AM	10/03/2007 01:52 PM	08SSW008	IN	IN	
TT02001-**009**	10/05/2007 08:15 AM	10/03/2007 02:00 PM	08SSW009	IN	IN	
TT02001-**010**	10/05/2007 08:15 AM	10/03/2007 02:04 PM	08SSW010	IN	IN	
*TT02001-**011**	10/05/2007 08:15 AM	10/03/2007 02:20 PM	08SSW011	IN	IN	
TT02001-**012**	10/05/2007 08:15 AM	10/03/2007 02:25 PM	08SSW012	IN	IN	
TT02001-**013**	10/05/2007 08:15 AM	10/03/2007 02:35 PM	08SSW013	IN	IN	
TT02001-**014**	10/05/2007 08:15 AM	10/03/2007 12:00 AM	08FD10030701	IN	IN	
TT02001-**015**	10/05/2007 08:15 AM	10/04/2007 12:29 PM	08SSW014	IN	IN	
TT02001-**016**	10/05/2007 08:15 AM	10/04/2007 12:34 PM	08SSW015	IN	IN	
TT02001-**017**	10/05/2007 08:15 AM	10/04/2007 12:40 PM	08SSW016	IN	IN	
TT02001-**018**	10/05/2007 08:15 AM	10/04/2007 12:00 PM	08TB100407			IN

Approved By: **On:**
Notes:

Samples identified with a '*' client has requested QC for

LEGEND: -:Started , +:Completed , IN:Logged In , P:Preparation , A:Analysis , X:Cancelled, PL:Pre-logged

FORM LTL-PM-8.0

4472

TT02001

TETRA TECH NUS, INC. CHAIN OF CUSTODY | NUMBER 3267 | PAGE 1 OF 2

10

PROJECT NO:	FACILITY:	PROJECT MANAGER	PHONE NUMBER	LABORATORY NAME AND CONTACT:
112G00447	NSWC Crane	Basinski	412-921-8308	Laucks Laboratories
SAMPLERS (SIGNATURE)		FIELD OPERATIONS LEADER	PHONE NUMBER	ADDRESS
J. Doss		Goerdt	412-443-0294	940 So. Harney St.
		CARRIER/WAYBILL NUMBER		CITY, STATE
		8616 5831 5978		Seattle, WA 98108

STANDARD TAT ☐
RUSH TAT ☒
☒ 24 hr. ☐ 48 hr. ☐ 72 hr. ☐ 7 day ☐ 14 day

CONTAINER TYPE PLASTIC (P) or GLASS (G): 2oz G, 40oz G, 40oz G

PRESERVATIVE USED: None, 4°C, 4°C

TYPE OF ANALYSIS: VOCs 8260B, SVOCs 8260B, % moisture

	DATE YEAR 2007	TIME	SAMPLE ID	LOCATION ID	TOP DEPTH (FT)	BOTTOM DEPTH (FT)	MATRIX (GW, SO, SW, SD, QC, ETC.)	COLLECTION METHOD GRAP (G) COMP (C)	No. OF CONTAINERS	VOCs 8260B	SVOCs 8260B	% moisture	COMMENTS
1	10/03	1250	085SW001	001	0	2	SO	G	4	3	1		
2	10/03	1258	085SW002	002									
3	10/03	1305	085SW003	003									
4	10/03	1315	085SW004	004									
5	10/03	1325	085SW005	005									
6	10/03	1330	085SW006	006									
7	10/03	1346	085SW007	007									
8	10/03	1352	085SW008	008									
9	10/03	1400	085SW009	009									
10	10/03	1404	085SW010	010						✓	✓		
11	10/03	1420	085SW011	011						~~3~~ 9	~~3~~ 1		Do MS/MSD
12	10/03	1425	085SW012	012						~~3~~ 3	~~3~~ 1		
13	10/03	1435	085SW013	013	✓	✓	✓	✓	✓	~~3~~ 3	~~3~~ 1		

	DATE	TIME		DATE	TIME
1. RELINQUISHED BY: J. Goerdt	10/4/07	1500	1. RECEIVED BY:	10/5/07	0915
2. RELINQUISHED BY			2. RECEIVED BY		
3. RELINQUISHED BY			3. RECEIVED BY		

COMMENTS

DISTRIBUTION: WHITE (ACCOMPANIES SAMPLE) YELLOW (FIELD COPY) PINK (FILE COPY)

4/02R
FORM NO. TtNUS-001

TETRA TECH NUS, INC.

CHAIN OF CUSTODY

NUMBER 3268

11

PROJECT NO:	FACILITY:	PROJECT MANAGER	PHONE NUMBER	LABORATORY NAME AND CONTACT:
112G00447	NSWC Crane	Basinski	4129218308	Lawson Laboratories
SAMPLERS (SIGNATURE)		FIELD OPERATIONS LEADER	PHONE NUMBER	ADDRESS
[signature]		Goerdt	4124430244	940 So. Harney St
		CARRIER/WAYBILL NUMBER		CITY, STATE
		8616 5831 5978		Seattle, WA 98108

STANDARD TAT ☐
RUSH TAT ☒
☒ 24 hr. ☐ 48 hr. ☐ 72 hr. ☐ 7 day ☐ 14 day

CONTAINER TYPE PLASTIC (P) or GLASS (G): Amber G

PRESERVATIVE USED: 40C 40C

TYPE OF ANALYSIS: VOCs SW 8260B; % moisture

	DATE YEAR 2007	TIME	SAMPLE ID	LOCATION ID	TOP DEPTH (FT)	BOTTOM DEPTH (FT)	MATRIX (GW, SO, SW, SD, QC, ETC.)	COLLECTION METHOD GRAB (G) COMP (C)	No. OF CONTAINERS	VOCs	SW 8260B	% moisture						COMMENTS
14	10/03	0000	08FD10030701	FD	0	~~1~~ 2	SO	G	4	3	1							
15	10/04	1229	08SSW014	014	0	2	SO	G	4	3	1							
16	10/04	1239	08SSW015	015	0	2	SO	G	4	3	1							Hot
17	10/04	1240	08SSW016	016	0	2	SO	G	4	3	1							

	DATE	TIME		DATE	TIME
1. RELINQUISHED BY: J. Goerdt	10-4-07	1800	1. RECEIVED BY: [signature]	10/5/07	0815
2. RELINQUISHED BY			2. RECEIVED BY		
3. RELINQUISHED BY			3. RECEIVED BY		

COMMENTS

DISTRIBUTION: WHITE (ACCOMPANIES SAMPLE) YELLOW (FIELD COPY) PINK (FILE COPY)

4/02R
FORM NO. TtNUS-001

FedEx. PRIORITY OVERNIGHT

FRI

Emp# 636520 00:21 05OCT07

Deliver By:
05OCT07

TRK# 8616 5831 5978 FORM 0215

SEA

98108 -WA-US

NA BFIA

Cooler Receipt Form
Laucks Testing Laboratories, Inc.

SDG: TT02001 Taken By: CLIENT

Cooler: AAD614 Transferred: FED EX

COC #: 3267, 3268

Project: NSWC Crane, CTO 0020 (Tetra Tech NUS, Inc.)

Date samples were received at the laboratory: **10/5/2007**

Date cooler was opened: **10/5/2007 8:15AM**

A. PRELIMINARY EXAMINATION PHASE:

1. Did cooler come with a shipping slip (airbill, etc.)? ..... **YES**
   if YES, record carrier name and airbill number: **8616 5831 5978**
2. Were custody seals unbroken and intact at the date and time of arrival? ..... **INTACT**
   Date On Custody Seal: Custody Seals Description: **ONE IN FRONT AND BACK.**
3. Were custody papers sealed in a plastic bag and taped inside to the lid? ..... **YES**
4. Did you screen samples for radioactivity using the Geiger Counter? ..... **NO**
5. Were custody papers filled out properly (ink, signed, etc.)? ..... **YES**
6. Did you sign custody papers in the appropriate place? ..... **YES**
7. If required, was enough cooling material present? ..... **YES**
8. Have designated person initial here to acknowledge receipt of cooler: _____

B. LOG-IN PHASE:

Date samples were logged-in: **10/5/2007 8:25AM**

Logged-in by Zoriah Weith (sign) _____

9. Describe type of packing in cooler:

   ICE

10. Were all bottles sealed in separate plastic bags? ..... **YES**
11. Were labels in good condition? ..... **YES**
12. Were all bottle labels complete (ID,date,time signature,preservative,etc.)? ..... **YES**
13. Did all bottle labels agree with custody papers? ..... **YES**
14. Were correct containers used for the tests indicated? ..... **YES**
15. Were the correct pHs observed? ..... **YES**
16. Was a sufficient amount of sample sent for tests indicated? ..... **YES**
17. Were bubbles absent in VOA samples? ..... **NO**
18. Temperatures: **7.1, 6.3, 7.1**

DISCREPANCIES:

SAMPLE 18 WAS NOT INCLUDED ON COC. ONE OF ONE VIAL FOR SAMPLE 18 RECEIVED WITH AIR BUBBLES > 1/4". This is a trip blank and will be scheduled for volatiles analysis. EW 10/5/07

Supplemental Sample Receipt Log
Laucks Testing Laboratories

SDG: **TT02001**
Cooler: **AAD614**
Temperatures: 7.1, 6.3, 7.1
COC #: 3267, 3268

Sample	Bottle #	Bottle Description	pH	Bubbles
TT02001-001	0001	4 oz jar, wide-mouth, clear glass, Procedure B	N/C	N/A
	0002	Encore Sampler	7	N/A
	0003	Encore Sampler	7	N/A
	0004	Encore Sampler	7	N/A
TT02001-002	0001	4 oz jar, wide-mouth, clear glass, Procedure B	N/C	N/A
	0002	Encore Sampler	7	N/A
	0003	Encore Sampler	7	N/A
	0004	Encore Sampler	7	N/A
TT02001-003	0001	4 oz jar, wide-mouth, clear glass, Procedure B	N/C	N/A
	0002	Encore Sampler	7	N/A
	0003	Encore Sampler	7	N/A
	0004	Encore Sampler	7	N/A
TT02001-004	0001	4 oz jar, wide-mouth, clear glass, Procedure B	N/C	N/A
	0002	Encore Sampler	7	N/A
	0003	Encore Sampler	7	N/A
	0004	Encore Sampler	7	N/A
TT02001-005	0001	4 oz jar, wide-mouth, clear glass, Procedure B	N/C	N/A
	0002	Encore Sampler	7	N/A
	0003	Encore Sampler	7	N/A
	0004	Encore Sampler	7	N/A
TT02001-006	0001	4 oz jar, wide-mouth, clear glass, Procedure B	N/C	N/A
	0002	Encore Sampler	7	N/A
	0003	Encore Sampler	7	N/A
	0004	Encore Sampler	7	N/A
TT02001-007	0001	4 oz jar, wide-mouth, clear glass, Procedure B	N/C	N/A
	0002	Encore Sampler	7	N/A
	0003	Encore Sampler	7	N/A
	0004	Encore Sampler	7	N/A
TT02001-008	0001	4 oz jar, wide-mouth, clear glass, Procedure B	N/C	N/A
	0002	Encore Sampler	7	N/A
	0003	Encore Sampler	7	N/A

Allowable temperature and pH ranges (neutral pH defined as a value between 5 and 9)

Temperature	Allowable temperature range is 4+/- 2 degrees Celsius
Acid Preserved pH	pH must be less than 2
Base Preserved pH	pH must be greater than 12
NC	Not Checked for pH

Supplemental Sample Receipt Log
Laucks Testing Laboratories

SDG: TT02001
Cooler: AAD614
Temperatures: 7.1, 6.3, 7.1
COC #: 3267, 3268

Sample	Bottle #	Bottle Description	pH	Bubbles
	0004	Encore Sampler	7	N/A
TT02001-009	0001	4 oz jar, wide-mouth, clear glass, Procedure B	N/C	N/A
	0002	Encore Sampler	7	N/A
	0003	Encore Sampler	7	N/A
	0004	Encore Sampler	7	N/A
TT02001-010	0001	4 oz jar, wide-mouth, clear glass, Procedure B	N/C	N/A
	0002	Encore Sampler	7	N/A
	0003	Encore Sampler	7	N/A
	0004	Encore Sampler	7	N/A
TT02001-011	0001	4 oz jar, wide-mouth, clear glass, Procedure B	N/C	N/A
	0002	Encore Sampler	7	N/A
	0003	Encore Sampler	7	N/A
	0004	Encore Sampler	7	N/A
	0005	Encore Sampler	7	N/A
	0006	Encore Sampler	7	N/A
	0007	Encore Sampler	7	N/A
	0008	Encore Sampler	7	N/A
	0009	Encore Sampler	7	N/A
	0010	Encore Sampler	7	N/A
TT02001-012	0001	4 oz jar, wide-mouth, clear glass, Procedure B	N/C	N/A
	0002	Encore Sampler	7	N/A
	0003	Encore Sampler	7	N/A
	0004	Encore Sampler	7	N/A
TT02001-013	0001	4 oz jar, wide-mouth, clear glass, Procedure B	N/C	N/A
	0002	Encore Sampler	7	N/A
	0003	Encore Sampler	7	N/A
	0004	Encore Sampler	7	N/A
TT02001-014	0001	4 oz jar, wide-mouth, clear glass, Procedure B	N/C	N/A
	0002	Encore Sampler	7	N/A
	0003	Encore Sampler	7	N/A
	0004	Encore Sampler	7	N/A

Allowable temperature and pH ranges (neutral pH defined as a value between 5 and 9)

Temperature	Allowable temperature range is 4+/- 2 degrees Celsius
Acid Preserved pH	pH must be less than 2
Base Preserved pH	pH must be greater than 12
NC	Not Checked for pH

Supplemental Sample Receipt Log
Laucks Testing Laboratories

SDG: TT02001
Cooler: AAD614
Temperatures: 7.1, 6.3, 7.1
COC #: 3267, 3268

Sample	Bottle #	Bottle Description	pH	Bubbles
TT02001-015	0001	4 oz jar, wide-mouth, clear glass, Procedure B	N/C	N/A
	0002	Encore Sampler	7	N/A
	0003	Encore Sampler	7	N/A
	0004	Encore Sampler	7	N/A
TT02001-016	0001	4 oz jar, wide-mouth, clear glass, Procedure B	N/C	N/A
	0002	Encore Sampler	7	N/A
	0003	Encore Sampler	7	N/A
	0004	Encore Sampler	7	N/A
TT02001-017	0001	4 oz jar, wide-mouth, clear glass, Procedure B	N/C	N/A
	0002	Encore Sampler	7	N/A
	0003	Encore Sampler	7	N/A
	0004	Encore Sampler	7	N/A
TT02001-018	0001	40 ml OTWS, clear glass, HCl	N/C	> 1/4

Allowable temperature and pH ranges (neutral pH defined as a value between 5 and 9)

Temperature	Allowable temperature range is 4+/- 2 degrees Celsius
Acid Preserved pH	pH must be less than 2
Base Preserved pH	pH must be greater than 12
NC	Not Checked for pH

Elaine Walker

From: Sedlmyer, Edward [Edward.Sedlmyer@tetratech.com]
Sent: Monday, October 08, 2007 7:31 AM
To: Elaine Walker; Goerdt, James
Subject: RE: Receipt confirmation for SDG TT02001

5 day turn is correct...the project number is 112G00352 for CTO 20.

Jim, please make the corrections to your records...and remember to put the trip blank on the C.O.C.

-----Original Message-----
From: Elaine Walker [mailto:ElaineW@lauckslabs.com]
Sent: Friday, October 05, 2007 5:59 PM
To: Sedlmyer, Edward; Goerdt, James
Cc: Elaine Walker
Subject: Receipt confirmation for SDG TT02001

Ed,

COC says 24-hr TAT, but should be 5-day, correct? Also, the project number listed on the COC is 112G00447, but work release I have for CTO20 (if this is indeed CTO20), is 112G00352. Please verify the TAT and the project number for me.

Also, please note that the temperatures were a little high (7.1, 6.3, 7.1), with an average of 6.8. I have had the samples logged in and started unless I hear otherwise from you. I logged in the trip blank also, which was not listed on the COC.

<<TT02001_COC.pdf>>

M. Elaine Walker
Senior Project Manager
Laucks Testing Laboratories, Inc.
940 South Harney Street
Seattle, Washington 98108
Phone: (206) 957-2433
Fax: (206) 767-5063
email: elainew@lauckslabs.com

Visit us on the web at http://www.lauckslabs.com.

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ATTACHMENT B

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LAUCKS TESTING LABORATORIES
940 S. Harney
Seattle, WA 98108

Tetra Tech NUS, Inc.

SDG No.: TT02001

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Completed and checked by: Judy Eckhard Date: 11/15/07

FORMS SUMMARY

SDG TT02001

VOLATILES ANALYSIS

SOIL VOLATILE SYSTEM MONITORING COMPOUND RECOVERY

Lab Name: Laucks Testing Laboratories, Inc Contract:

SDG No.: TT02001 Run Sequence: R022318

Level: (LOW/MED) NONE

CLIENT SAMPLE NUMBER	SMC1 (DBF) #	SMC2 (DCA) #	SMC3 (TOL) #	SMC4 (BFB) #	TOT OUT
(TT02001-011MSD) 08SSW011MSD	105	100	107	104	0
(TT02001-011MS) 08SSW011MS	103	98	104	100	0
(TT02001-016) 08SSW015	111	105	109	115	0
(TT02001-017) 08SSW016	110	105	111	113	0
(TT02001-015) 08SSW014	117	111	101	100	0
(TT02001-014) 08FD10030701	109	104	106	105	0
(TT02001-013) 08SSW013	127	124	92	96	0
(TT02001-012) 08SSW012	108	102	105	102	0
(TT02001-011) 08SSW011	112	110	101	101	0
(TT02001-010) 08SSW010	113	106	99	98	0
(TT02001-009) 08SSW009	112	108	101	97	0
(TT02001-008) 08SSW008	119	113	99	108	0
(TT02001-007) 08SSW007	109	102	104	104	0
(TT02001-006) 08SSW006	113	123	83 *	96	1
(TT02001-005) 08SSW005	107	100	103	99	0
(TT02001-004) 08SSW004	104	98	113	119	0
(TT02001-003) 08SSW003	117	107	101	99	0
(TT02001-002) 08SSW002	108	105	104	98	0
(TT02001-001) 08SSW001	109	102	102	100	0
(TT02001-018) 08TB100407	111	108	102	99	0

FORM II VOA

SOIL VOLATILE SYSTEM MONITORING COMPOUND RECOVERY

Lab Name: Laucks Testing Laboratories, Inc Contract: _____

SDG No.: TT02001 Run Sequence: R022318

Level: (LOW/MED) NONE

CLIENT SAMPLE NUMBER	SMC1 (DBF) #	SMC2 (DCA) #	SMC3 (TOL) #	SMC4 (BFB) #	TOT OUT
(B100907MVOSB2) B100907MVOSB2	108	104	103	99	0
(S100907MVOSB1) S100907MVOSB1	104	101	103	96	0

		QC LIMITS
SMC1 (DBF) =	DIBROMOFLUOROMETHANE	65-135
SMC2 (DCA) =	1,2-DICHLOROETHANE-D4	52-149
SMC3 (TOL) =	TOLUENE-D8	85-115
SMC4 (BFB) =	4-BROMOFLUOROBENZENE	85-120

Column to be used to flag recovery values
* Values outside of contract required QC limits

FORM II VOA

2

SOIL VOLATILE SYSTEM MONITORING COMPOUND RECOVERY

Lab Name: Laucks Testing Laboratories, Inc Contract: _____

SDG No.: TT02001 Run Sequence: R022374

Level: (LOW/MED) NONE

CLIENT SAMPLE NUMBER	SMC1 (DBF) #	SMC2 (DCA) #	SMC3 (TOL) #	SMC4 (BFB) #	TOT OUT
(TT02001-001DL) 08SSW001DL	113	110	101	99	0
(TT02001-004DL) 08SSW004DL	114	109	103	101	0
(TT02001-015DL) 08SSW014DL	112	109	102	104	0
(TT02001-014DL) 08FD10030701DL	112	110	102	101	0
(TT02001-003DL) 08SSW003DL	116	111	101	99	0
(TT02001-013RE) 08SSW013RE	113	108	102	97	0
(TT02001-008RE) 08SSW008RE	108	104	109	115	0
(TT02001-006RE) 08SSW006RE	110	104	103	102	0
(B101007MVOSB2) B101007MVOSB2	107	105	105	100	0
(S101007MVOSB1) S101007MVOSB1	107	103	102	95	0

		QC LIMITS
SMC1 (DBF) =	DIBROMOFLUOROMETHANE	65-135
SMC2 (DCA) =	1,2-DICHLOROETHANE-D4	52-149
SMC3 (TOL) =	TOLUENE-D8	85-115
SMC4 (BFB) =	4-BROMOFLUOROBENZENE	85-120

Column to be used to flag recovery values
* Values outside of contract required QC limits

SOIL VOLATILE SYSTEM MONITORING COMPOUND RECOVERY

Lab Name: Laucks Testing Laboratories, Inc Contract:

SDG No.: TT02001 Run Sequence: R022490

Level: (LOW/MED) NONE

CLIENT SAMPLE NUMBER	SMC1 (DBF) #	SMC2 (DCA) #	SMC3 (TOL) #	SMC4 (BFB) #	TOT OUT
(TT02001-004DL2) 08SSW004DL2	116	108	102	105	0
(TT02001-001DL2) 08SSW001DL2	115	108	99	98	0
(TT02001-003DL2) 08SSW003DL2	114	108	100	101	0
(TT02001-015DL2) 08SSW014DL2	115	109	99	98	0
(TT02001-014DL2) 08FD10030701DL2	112	103	104	102	0
(B101507MVOSB3) B101507MVOSB3	112	105	100	94	0
(S101507MVOSB1) S101507MVOSB1	105	99	102	93	0

			QC LIMITS
SMC1	(DBF) =	DIBROMOFLUOROMETHANE	65-135
SMC2	(DCA) =	1,2-DICHLOROETHANE-D4	52-149
SMC3	(TOL) =	TOLUENE-D8	85-115
SMC4	(BFB) =	4-BROMOFLUOROBENZENE	85-120

Column to be used to flag recovery values
* Values outside of contract required QC limits

3B
SOIL VOLATILE BLANK SPIKE RECOVERY

Lab Name: Laucks Testing Laboratories, Inc Contract: N/A

BS Run Sequence: R022318 SDG No.: TT02001

BS Lab Sample ID: S100907MVOSB1

Level: N/A Units: ug/kg

Analyte	Spike Added	Found	% Rec #	Rec Limit
XYLENES, TOTAL	150	149.08	99	60-140
DICHLORODIFLUOROMETHANE	50.0	50.44	101	35-135
CHLOROMETHANE	50.0	47.35	95	50-130
VINYL CHLORIDE	50.0	51.38	103	60-125
BROMOMETHANE	50.0	46.9	94	30-160
CHLOROETHANE	50.0	51.32	103	40-155
TRICHLOROFLUOROMETHANE	50.0	56.85	114	25-185
1,1-DICHLOROETHENE	50.0	56.55	113	65-135
ACETONE	50.0	56.1	112	20-160
CARBON DISULFIDE	50.0	66.45	133	45-160
METHYLENE CHLORIDE	50.0	59.99	120	55-140
METHYL TERT-BUTYL ETHER	50.0	47.3	95	60-140
TRANS-1,2-DICHLOROETHENE	50.0	57.23	114	65-135
1,1-DICHLOROETHANE	50.0	54.53	109	75-125
CIS-1,2-DICHLOROETHENE	50.0	50	100	65-125
2-BUTANONE	50.0	54.94	110	30-160
CHLOROFORM	50.0	52.97	106	70-125
1,1,1-TRICHLOROETHANE	50.0	58.57	117	70-135
CARBON TETRACHLORIDE	50.0	63.11	126	65-135
BENZENE	50.0	49.36	99	75-125
1,2-DICHLOROETHANE	50.0	49.62	99	70-135
TRICHLOROETHENE	50.0	51.57	103	75-125
1,2-DICHLOROPROPANE	50.0	49.71	99	70-120
BROMODICHLOROMETHANE	50.0	51.57	103	70-130
CIS-1,3-DICHLOROPROPENE	50.0	51.01	102	70-125
4-METHYL-2-PENTANONE	50.0	57.1	114	45-145
TOLUENE	50.0	49.44	99	70-125
TRANS-1,3-DICHLOROPROPENE	50.0	46.47	93	65-125
1,1,2-TRICHLOROETHANE	50.0	47.92	96	60-125
TETRACHLOROETHENE	50.0	56.04	112	65-140
2-HEXANONE	50.0	56.98	114	45-145
DIBROMOCHLOROMETHANE	50.0	50.57	101	65-130
1,2-DIBROMOETHANE	50.0	48.19	96	70-125
CHLOROBENZENE	50.0	50.51	101	75-125

Column to be used to flag recovery and RPD values with an asterisk
* Values outside of QC limits

Spike Recovery: 0 out of 46 outside limits

COMMENTS:

3B
SOIL VOLATILE BLANK SPIKE RECOVERY

Lab Name: Laucks Testing Laboratories, Inc Contract: N/A

BS Run Sequence: R022318 SDG No.: TT02001

BS Lab Sample ID: S100907MVOSB1

Level: N/A Units: ug/kg

Analyte	Spike Added	Found	% Rec #	Rec Limit
ETHYLBENZENE	50.0	50.3	101	75-125
M,P-XYLENE	100	101.6	102	80-125
O-XYLENE	50.0	47.48	95	75-125
STYRENE	50.0	46.71	93	75-125
BROMOFORM	50.0	49.56	99	55-135
ISOPROPYLBENZENE	50.0	52.51	105	75-130
1,1,2,2-TETRACHLOROETHANE	50.0	48.68	97	55-130
1,3-DICHLOROBENZENE	50.0	50.22	100	70-125
1,4-DICHLOROBENZENE	50.0	50.61	101	70-125
1,2-DICHLOROBENZENE	50.0	48.99	98	75-120
1,2-DIBROMO-3-CHLOROPROPANE	50.0	48.91	98	40-135
1,2,4-TRICHLOROBENZENE	50.0	46.23	92	65-130

Column to be used to flag recovery and RPD values with an asterisk
* Values outside of QC limits

Spike Recovery: 0 out of 46 outside limits

COMMENTS:

3B
SOIL VOLATILE BLANK SPIKE RECOVERY

Lab Name: Laucks Testing Laboratories, Inc Contract: N/A

BS Run Sequence: R022374 SDG No.: TT02001

BS Lab Sample ID: S101007MVOSB1

Level: N/A Units: ug/kg

Analyte	Spike Added	Found	% Rec #	Rec Limit
XYLENES, TOTAL	150	146.4	98	60-140
DICHLORODIFLUOROMETHANE	50.0	43.04	86	35-135
CHLOROMETHANE	50.0	45.78	92	50-130
VINYL CHLORIDE	50.0	47.69	95	60-125
BROMOMETHANE	50.0	45.62	91	30-160
CHLOROETHANE	50.0	49.68	99	40-155
TRICHLOROFLUOROMETHANE	50.0	53.92	108	25-185
1,1-DICHLOROETHENE	50.0	53.17	106	65-135
ACETONE	50.0	51.4	103	20-160
CARBON DISULFIDE	50.0	64.28	129	45-160
METHYLENE CHLORIDE	50.0	63.91	128	55-140
METHYL TERT-BUTYL ETHER	50.0	48.78	98	60-140
TRANS-1,2-DICHLOROETHENE	50.0	55.49	111	65-135
1,1-DICHLOROETHANE	50.0	53.23	106	75-125
CIS-1,2-DICHLOROETHENE	50.0	51.15	102	65-125
2-BUTANONE	50.0	46.28	93	30-160
CHLOROFORM	50.0	52.66	105	70-125
1,1,1-TRICHLOROETHANE	50.0	55.47	111	70-135
CARBON TETRACHLORIDE	50.0	60.2	120	65-135
BENZENE	50.0	48.66	97	75-125
1,2-DICHLOROETHANE	50.0	49.88	100	70-135
TRICHLOROETHENE	50.0	49.35	99	75-125
1,2-DICHLOROPROPANE	50.0	50.53	101	70-120
BROMODICHLOROMETHANE	50.0	52.24	104	70-130
CIS-1,3-DICHLOROPROPENE	50.0	52.18	104	70-125
4-METHYL-2-PENTANONE	50.0	53.06	106	45-145
TOLUENE	50.0	47.87	96	70-125
TRANS-1,3-DICHLOROPROPENE	50.0	46.67	93	65-125
1,1,2-TRICHLOROETHANE	50.0	47.56	95	60-125
TETRACHLOROETHENE	50.0	52.51	105	65-140
2-HEXANONE	50.0	51.5	103	45-145
DIBROMOCHLOROMETHANE	50.0	51.94	104	65-130
1,2-DIBROMOETHANE	50.0	47.91	96	70-125
CHLOROBENZENE	50.0	50.83	102	75-125

Column to be used to flag recovery and RPD values with an asterisk
* Values outside of QC limits

Spike Recovery: 0 out of 46 outside limits

COMMENTS:

3B
SOIL VOLATILE BLANK SPIKE RECOVERY

Lab Name: Laucks Testing Laboratories, Inc Contract: N/A

BS Run Sequence: R022374 SDG No.: TT02001

BS Lab Sample ID: S101007MVOSB1

Level: N/A Units: ug/kg

Analyte	Spike Added	Found	% Rec #	Rec Limit
ETHYLBENZENE	50.0	48.83	98	75-125
M,P-XYLENE	100	99.34	99	80-125
O-XYLENE	50.0	47.06	94	75-125
STYRENE	50.0	46.86	94	75-125
BROMOFORM	50.0	50	100	55-135
ISOPROPYLBENZENE	50.0	50.6	101	75-130
1,1,2,2-TETRACHLOROETHANE	50.0	45.5	91	55-130
1,3-DICHLOROBENZENE	50.0	48.56	97	70-125
1,4-DICHLOROBENZENE	50.0	49.61	99	70-125
1,2-DICHLOROBENZENE	50.0	48.65	97	75-120
1,2-DIBROMO-3-CHLOROPROPANE	50.0	42.32	85	40-135
1,2,4-TRICHLOROBENZENE	50.0	45.81	92	65-130

Column to be used to flag recovery and RPD values with an asterisk
* Values outside of QC limits

Spike Recovery: 0 out of 46 outside limits

COMMENTS:

3B
SOIL VOLATILE BLANK SPIKE RECOVERY

Lab Name: Laucks Testing Laboratories, Inc Contract: N/A

BS Run Sequence: R022490 SDG No.: TT02001

BS Lab Sample ID: S101507MVOSB1

Level: N/A Units: ug/kg

Analyte	Spike Added	Found	% Rec #	Rec Limit
XYLENES, TOTAL	150	125.09	83	60-140
DICHLORODIFLUOROMETHANE	50.0	45.34	91	35-135
CHLOROMETHANE	50.0	40.78	82	50-130
VINYL CHLORIDE	50.0	42.37	85	60-125
BROMOMETHANE	50.0	38.76	78	30-160
CHLOROETHANE	50.0	42.44	85	40-155
TRICHLOROFLUOROMETHANE	50.0	46.97	94	25-185
1,1-DICHLOROETHENE	50.0	47.84	96	65-135
ACETONE	50.0	30.95	62	20-160
CARBON DISULFIDE	50.0	49.69	99	45-160
METHYLENE CHLORIDE	50.0	60.87	122	55-140
METHYL TERT-BUTYL ETHER	50.0	37.55	75	60-140
TRANS-1,2-DICHLOROETHENE	50.0	48.3	97	65-135
1,1-DICHLOROETHANE	50.0	46.41	93	75-125
CIS-1,2-DICHLOROETHENE	50.0	44.83	90	65-125
2-BUTANONE	50.0	36.87	74	30-160
CHLOROFORM	50.0	46.28	93	70-125
1,1,1-TRICHLOROETHANE	50.0	48.34	97	70-135
CARBON TETRACHLORIDE	50.0	52.64	105	65-135
BENZENE	50.0	43.67	87	75-125
1,2-DICHLOROETHANE	50.0	44.08	88	70-135
TRICHLOROETHENE	50.0	45.43	91	75-125
1,2-DICHLOROPROPANE	50.0	45.21	90	70-120
BROMODICHLOROMETHANE	50.0	46.82	94	70-130
CIS-1,3-DICHLOROPROPENE	50.0	46.57	93	70-125
4-METHYL-2-PENTANONE	50.0	49.14	98	45-145
TOLUENE	50.0	42.16	84	70-125
TRANS-1,3-DICHLOROPROPENE	50.0	41.02	82	65-125
1,1,2-TRICHLOROETHANE	50.0	43.3	87	60-125
TETRACHLOROETHENE	50.0	46.83	94	65-140
2-HEXANONE	50.0	47.02	94	45-145
DIBROMOCHLOROMETHANE	50.0	46.31	93	65-130
1,2-DIBROMOETHANE	50.0	42.77	86	70-125
CHLOROBENZENE	50.0	43.8	88	75-125

Column to be used to flag recovery and RPD values with an asterisk
* Values outside of QC limits

Spike Recovery: 0 out of 46 outside limits

COMMENTS:

3B
SOIL VOLATILE BLANK SPIKE RECOVERY

Lab Name: Laucks Testing Laboratories, Inc Contract: N/A

BS Run Sequence: R022490 SDG No.: TT02001

BS Lab Sample ID: S101507MVOSB1

Level: N/A Units: ug/kg

Analyte	Spike Added	Found	% Rec #	Rec Limit
ETHYLBENZENE	50.0	41.58	83	75-125
M,P-XYLENE	100	84.95	85	80-125
O-XYLENE	50.0	40.14	80	75-125
STYRENE	50.0	39.93	80	75-125
BROMOFORM	50.0	45.17	90	55-135
ISOPROPYLBENZENE	50.0	42.91	86	75-130
1,1,2,2-TETRACHLOROETHANE	50.0	39.9	80	55-130
1,3-DICHLOROBENZENE	50.0	41.96	84	70-125
1,4-DICHLOROBENZENE	50.0	42.89	86	70-125
1,2-DICHLOROBENZENE	50.0	42.47	85	75-120
1,2-DIBROMO-3-CHLOROPROPANE	50.0	37.95	76	40-135
1,2,4-TRICHLOROBENZENE	50.0	41.76	84	65-130

Column to be used to flag recovery and RPD values with an asterisk
* Values outside of QC limits

Spike Recovery: 0 out of 46 outside limits

COMMENTS:

SOIL VOLATILE MATRIX SPIKE/MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: Laucks Testing Laboratories, Inc. Contract: N/A

MS Run Sequence: R022318 MSD Run Sequence: R022318 SDG No.: TT02001

MS Client Sample No.: 08SSW011MS MSD Client Sample No.: 08SSW011MSD

MS Lab Sample ID: TT02001-011MS MSD Lab Sample ID: TT02001-011MSD

Level: N/A Units: ug/kg

COMPOUND	SAMPLE CONC	MS SPIKE ADDED	MS CONC	MS % REC #	MSD SPIKE ADDED	MSD CONC	MSD % REC #	%RPD #	QC LIMITS	
									RPD	REC.
XYLENES, TOTAL	0	212	162.548	77	151	116.217	77	0	30	60-140
DICHLORODIFLUOROMETHANE	0	70.5	60.2342	85	50.4	42.1737	84	2	30	35-135
CHLOROMETHANE	0	70.5	56.9051	81	50.4	40.421	80	1	30	50-130
VINYL CHLORIDE	0	70.5	62.7874	89	50.4	45.0645	89	1	30	60-125
BROMOMETHANE	0	70.5	36.8176	52	50.4	21.394	42	21	30	30-160
CHLOROETHANE	0	70.5	65.8344	93	50.4	47.5322	94	1	30	40-155
TRICHLOROFLUOROMETHANE	0	70.5	69.1212	98	50.4	49.2949	98	0	30	25-185
1,1-DICHLOROETHENE	0	70.5	66.5538	94	50.4	49.9295	99	5	30	65-135
ACETONE	5.6849	70.5	54.8737	70	50.4	33.7732	56	15	30	20-160
CARBON DISULFIDE	0	70.5	71.5334	101	50.4	51.9944	103	2	30	45-160
METHYLENE CHLORIDE	0	70.5	79.4611	113	50.4	59.3574	118	5	30	55-140
METHYL TERT-BUTYL ETHER	0	70.5	59.4301	84	50.4	45.0947	90	6	30	60-140
TRANS-1,2-DICHLOROETHENE	0	70.5	66.9911	95	50.4	49.718	99	4	30	65-135
1,1-DICHLOROETHANE	9.2392	70.5	69.7419	86	50.4	52.5181	86	5	30	75-125
CIS-1,2-DICHLOROETHENE	74.1426	70.5	82.4517	12 *	50.4	69.0673	0 *	16	30	65-125
2-BUTANONE	0	70.5	33.9963	48	50.4	19.8932	39	20	30	30-160
CHLOROFORM	0	70.5	64.4802	91	50.4	47.9049	95	4	30	70-125
1,1,1-TRICHLOROETHANE	92.9952	70.5	90.9296	0 *	50.4	69.4803	0 *	7	30	70-135

Column to be used to flag recovery and RPD values with an asterisk
* Values outside of QC limits
@ This RPD or percent recovery is not flagged as an exceedence because the Sample Found amount is five times or more than the Spike Added amount.

RPD: 1 out of 46 outside limits
Spike Recovery: 24 out of 92 outside limits

COMMENTS:

SOIL VOLATILE MATRIX SPIKE/MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: Laucks Testing Laboratories, Inc. Contract: N/A

MS Run Sequence: R022318 MSD Run Sequence: R022318 SDG No.: TT02001

MS Client Sample No.: 08SSW011MS MSD Client Sample No.: 08SSW011MSD

MS Lab Sample ID: TT02001-011MS MSD Lab Sample ID: TT02001-011MSD

Level: N/A Units: ug/kg

COMPOUND	SAMPLE CONC	MS SPIKE ADDED	MS CONC	MS % REC #	MSD SPIKE ADDED	MSD CONC	MSD % REC #	%RPD #	QC LIMITS	
									RPD	REC.
CARBON TETRACHLORIDE	0	70.5	72.2246	102	50.4	53.6362	107	4	30	65-135
BENZENE	0	70.5	57.8502	82	50.4	42.5564	85	3	30	75-125
1,2-DICHLOROETHANE	0	70.5	61.1511	87	50.4	44.9738	89	3	30	70-135
TRICHLOROETHENE	27.5307	70.5	79.0097	73 *	50.4	60.0121	64 *	6	30	75-125
1,2-DICHLOROPROPANE	0	70.5	59.9379	85	50.4	44.4702	88	4	30	70-120
BROMODICHLOROMETHANE	0	70.5	62.2514	88	50.4	45.4976	90	2	30	70-130
CIS-1,3-DICHLOROPROPENE	0	70.5	37.932	54 *	50.4	23.5193	47 *	14	30	70-125
4-METHYL-2-PENTANONE	0	70.5	42.5589	60	50.4	27.4073	54	10	30	45-145
TOLUENE	0	70.5	57.695	82	50.4	42.5564	85	3	30	70-125
TRANS-1,3-DICHLOROPROPENE	0	70.5	40.8097	58 *	50.4	26.8936	53 *	8	30	65-125
1,1,2-TRICHLOROETHANE	0	70.5	58.9787	84	50.4	43.8961	87	4	30	60-125
TETRACHLOROETHENE	0	70.5	60.1072	85	50.4	43.0802	86	0	30	65-140
2-HEXANONE	0	70.5	20.7081	29 *	50.4	10.7776	21 *	31 *	30	45-145
DIBROMOCHLOROMETHANE	0	70.5	62.1526	88	50.4	45.4774	90	2	30	65-130
1,2-DIBROMOETHANE	0	70.5	52.659	75	50.4	37.782	75	1	30	70-125
CHLOROBENZENE	0	70.5	57.3141	81	50.4	40.5419	81	1	30	75-125
ETHYLBENZENE	0	70.5	54.902	78	50.4	39.857	79	2	30	75-125
M,P-XYLENE	0	141	110.269	78 *	101	78.5254	78 *	0	30	80-125
O-XYLENE	0	70.5	52.2782	74 *	50.4	37.6914	75 *	1	30	75-125

Column to be used to flag recovery and RPD values with an asterisk
* Values outside of QC limits
@ This RPD or percent recovery is not flagged as an exceedence because the Sample Found amount is five times or more than the Spike Added amount.

RPD: 1 out of 46 outside limits

Spike Recovery: 24 out of 92 outside limits

COMMENTS:

SOIL VOLATILE MATRIX SPIKE/MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: Laucks Testing Laboratories, Inc. Contract: N/A

MS Run Sequence: R022318 MSD Run Sequence: R022318 SDG No.: TT02001

MS Client Sample No.: 08SSW011MS MSD Client Sample No.: 08SSW011MSD

MS Lab Sample ID: TT02001-011MS MSD Lab Sample ID: TT02001-011MSD

Level: N/A Units: ug/kg

COMPOUND	SAMPLE CONC	MS SPIKE ADDED	MS CONC	MS % REC #	MSD SPIKE ADDED	MSD CONC	MSD % REC #	%RPD #	QC LIMITS	
									RPD	REC.
STYRENE	0	70.5	46.2124	66 *	50.4	31.3255	62 *	5	30	75-125
BROMOFORM	0	70.5	53.7593	76	50.4	37.7921	75	2	30	55-135
ISOPROPYLBENZENE	0	70.5	55.0853	78	50.4	39.0814	78	1	30	75-130
1,1,2,2-TETRACHLOROETHANE	0	70.5	56.4537	80	50.4	42.8082	85	6	30	55-130
1,3-DICHLOROBENZENE	0	70.5	49.1607	70	50.4	32.9371	65 *	6	30	70-125
1,4-DICHLOROBENZENE	0	70.5	49.0619	70	50.4	33.1386	66 *	6	30	70-125
1,2-DICHLOROBENZENE	0	70.5	49.1184	70 *	50.4	33.189	66 *	6	30	75-120
1,2-DIBROMO-3-CHLOROPROPANE	0	70.5	47.1294	67	50.4	34.7804	69	3	30	40-135
1,2,4-TRICHLOROBENZENE	0	70.5	27.056	38 *	50.4	16.9521	34 *	13	30	65-130

Column to be used to flag recovery and RPD values with an asterisk
* Values outside of QC limits
@ This RPD or percent recovery is not flagged as an exceedence because the Sample Found amount is five times or more than the Spike Added amount.

RPD: 1 out of 46 outside limits
Spike Recovery: 24 out of 92 outside limits

COMMENTS:

4

VOLATILE METHOD BLANK SUMMARY

CLIENT SAMPLE NO.

B100907MVOSB2

Lab Name Laucks Testing Laboratories, Inc. Contract:

SDG No.: TT02001

Lab File ID: B1009012.D Lab Sample ID: B100907MVOSB2

Date Analyzed: 10/09/2007 Time Analyzed: 09:40

GC Column: ZB-624 20m ID: 0.18 (mm) Heated Purge: (Y/N) Y

Instrument ID: 5973B Matrix: Soil

	CLIENT SAMPLE NO.	LAB SAMPLE ID.	LAB FILE ID.	DATE ANALYZED	TIME ANALYZED	RUN SEQUENCE
01	S100907MVOSB1	S100907MVOSB1	B1009009.D	10/09/2007	08:21	R022318
02	08TB100407	TT02001-018	B1009013.D	10/09/2007	10:06	R022318
03	08SSW001	TT02001-001	B1009015.D	10/09/2007	10:59	R022318
04	08SSW002	TT02001-002	B1009016.D	10/09/2007	11:25	R022318
05	08SSW003	TT02001-003	B1009017.D	10/09/2007	11:52	R022318
06	08SSW004	TT02001-004	B1009018.D	10/09/2007	12:18	R022318
07	08SSW005	TT02001-005	B1009019.D	10/09/2007	12:45	R022318
08	08SSW006	TT02001-006	B1009020.D	10/09/2007	13:11	R022318
09	08SSW007	TT02001-007	B1009021.D	10/09/2007	13:38	R022318
10	08SSW008	TT02001-008	B1009022.D	10/09/2007	14:04	R022318
11	08SSW009	TT02001-009	B1009023.D	10/09/2007	14:31	R022318
12	08SSW010	TT02001-010	B1009024.D	10/09/2007	14:57	R022318
13	08SSW011	TT02001-011	B1009025.D	10/09/2007	15:23	R022318
14	08SSW012	TT02001-012	B1009026.D	10/09/2007	15:49	R022318
15	08SSW013	TT02001-013	B1009027.D	10/09/2007	16:16	R022318
16	08FD10030701	TT02001-014	B1009028.D	10/09/2007	16:42	R022318
17	08SSW014	TT02001-015	B1009029.D	10/09/2007	17:08	R022318
18	08SSW016	TT02001-017	B1009030.D	10/09/2007	17:34	R022318
19	08SSW015	TT02001-016	B1009032.D	10/09/2007	18:27	R022318
20	08SSW011MS	TT02001-011MS	B1009033.D	10/09/2007	18:53	R022318
21	08SSW011MSD	TT02001-011MSD	B1009034.D	10/09/2007	19:20	R022318
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COMMENTS:

4

VOLATILE METHOD BLANK SUMMARY

CLIENT SAMPLE NO.

B101007MVOSB2

Lab Name Laucks Testing Laboratories, Inc. Contract:

SDG No.: TT02001

Lab File ID: B1010010.D Lab Sample ID: B101007MVOSB2

Date Analyzed: 10/10/2007 Time Analyzed: 09:43

GC Column: ZB-624 20m ID: 0.18 (mm) Heated Purge: (Y/N) Y

Instrument ID: 5973B Matrix: Soil

	CLIENT SAMPLE NO.	LAB SAMPLE ID.	LAB FILE ID.	DATE ANALYZED	TIME ANALYZED	RUN SEQUENCE
01	S101007MVOSB1	S101007MVOSB1	B1010007.D	10/10/2007	08:21	R022374
02	08SSW006RE	TT02001-006RE	B1010013.D	10/10/2007	11:02	R022374
03	08SSW008RE	TT02001-008RE	B1010014.D	10/10/2007	11:28	R022374
04	08SSW013RE	TT02001-013RE	B1010015.D	10/10/2007	11:54	R022374
05	08SSW003DL	TT02001-003DL	B1010016.D	10/10/2007	12:20	R022374
06	08FD10030701DL	TT02001-014DL	B1010017.D	10/10/2007	12:46	R022374
07	08SSW014DL	TT02001-015DL	B1010018.D	10/10/2007	13:13	R022374
08	08SSW004DL	TT02001-004DL	B1010019.D	10/10/2007	13:39	R022374
09	08SSW001DL	TT02001-001DL	B1010020.D	10/10/2007	14:06	R022374
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COMMENTS:

4

VOLATILE METHOD BLANK SUMMARY

CLIENT SAMPLE NO.

B101507MVOSB3

Lab Name Laucks Testing Laboratories, Inc.

Contract:

SDG No.: TT02001

Lab File ID: B1015012.D

Lab Sample ID: B101507MVOSB3

Date Analyzed: 10/15/2007

Time Analyzed: 11:06

GC Column: ZB-624 20m ID: 0.18 (mm)

Heated Purge: (Y/N) Y

Instrument ID: 5973B

Matrix: Soil

	CLIENT SAMPLE NO.	LAB SAMPLE ID.	LAB FILE ID.	DATE ANALYZED	TIME ANALYZED	RUN SEQUENCE
01	S101507MVOSB1	S101507MVOSB1	B1015008.D	10/15/2007	08:54	R022490
02	08FD10030701DL2	TT02001-014DL2	B1015025.D	10/15/2007	16:46	R022490
03	08SSW014DL2	TT02001-015DL2	B1015026.D	10/15/2007	17:11	R022490
04	08SSW003DL2	TT02001-003DL2	B1015027.D	10/15/2007	17:37	R022490
05	08SSW001DL2	TT02001-001DL2	B1015028.D	10/15/2007	18:04	R022490
06	08SSW004DL2	TT02001-004DL2	B1015029.D	10/15/2007	18:31	R022490
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COMMENTS:

CLIENT SAMPLE NO.

BFBB2

VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: Laucks Testing Laboratories, Inc Contract:

Run Sequence: CAL1143 SDG No.: TT02001

Lab File ID: B0928008.D BFB Injection Date: 09/28/2007

Instrument ID: 5973B BFB Injection Time: 10:47

GC Column ZB-624 20m ID: 0.18 (mm)

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
50	15% to 40% of mass 95	16.7
75	30% to 60% of mass 95	44.5
95	base peak, 100% relative abundance	100
96	5% to 9% of mass 95	6.6
173	less than 2% of mass 174	0()1
174	greater than 50% of mass 95	94.1
175	5% to 9% of mass 17	7.5()1
176	greater than 95%, but less than 101% of mass 174	97.8()1
177	5% to 9% of mass 176	7.1()2

1 - Value is %mass 174 2 - Value is %mass 176

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS, AND STANDARDS:

	CLIENT SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
01	VSTD002	VSTD002	B0928009.D	09/28/2007	11:11
02	VSTD003	VSTD003	B0928010.D	09/28/2007	11:37
03	VSTD010	VSTD010	B0928011.D	09/28/2007	12:04
04	VSTD020	VSTD020	B0928012.D	09/28/2007	12:29
05	VSTD050	VSTD050	B0928013.D	09/28/2007	12:55
06	VSTD100	VSTD100	B0928014.D	09/28/2007	13:21
07	VSTD200	VSTD200	B0928015.D	09/28/2007	13:48
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CLIENT SAMPLE NO.

BFB4

VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: Laucks Testing Laboratories, Inc Contract:

Run Sequence: R022318 SDG No.: TT02001

Lab File ID: B1009007.D BFB Injection Date: 10/09/2007

Instrument ID: 5973B BFB Injection Time: 07:28

GC Column ZB-624 20m ID: 0.18 (mm)

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
50	15% to 40% of mass 95	16.8
75	30% to 60% of mass 95	44.8
95	base peak, 100% relative abundance	100
96	5% to 9% of mass 95	6.9
173	less than 2% of mass 174	0()1
174	greater than 50% of mass 95	99.3
175	5% to 9% of mass 17	7.3()1
176	greater than 95%, but less than 101% of mass 174	97.6()1
177	5% to 9% of mass 176	6.7()2

1 - Value is %mass 174 2 - Value is %mass 176

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS, AND STANDARDS:

	CLIENT SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
01	VSTD050B2	VSTD050B2	B1009008.D	10/09/2007	07:54
02	S100907MVOSB1	S100907MVOSB1	B1009009.D	10/09/2007	08:21
03	B100907MVOSB2	B100907MVOSB2	B1009012.D	10/09/2007	09:40
04	08TB100407	TT02001-018	B1009013.D	10/09/2007	10:06
05	08SSW001	TT02001-001	B1009015.D	10/09/2007	10:59
06	08SSW002	TT02001-002	B1009016.D	10/09/2007	11:25
07	08SSW003	TT02001-003	B1009017.D	10/09/2007	11:52
08	08SSW004	TT02001-004	B1009018.D	10/09/2007	12:18
09	08SSW005	TT02001-005	B1009019.D	10/09/2007	12:45
10	08SSW006	TT02001-006	B1009020.D	10/09/2007	13:11
11	08SSW007	TT02001-007	B1009021.D	10/09/2007	13:38
12	08SSW008	TT02001-008	B1009022.D	10/09/2007	14:04
13	08SSW009	TT02001-009	B1009023.D	10/09/2007	14:31
14	08SSW010	TT02001-010	B1009024.D	10/09/2007	14:57
15	08SSW011	TT02001-011	B1009025.D	10/09/2007	15:23
16	08SSW012	TT02001-012	B1009026.D	10/09/2007	15:49
17	08SSW013	TT02001-013	B1009027.D	10/09/2007	16:16
18	08FD10030701	TT02001-014	B1009028.D	10/09/2007	16:42
19	08SSW014	TT02001-015	B1009029.D	10/09/2007	17:08
20	08SSW016	TT02001-017	B1009030.D	10/09/2007	17:34
21	08SSW015	TT02001-016	B1009032.D	10/09/2007	18:27
22	08SSW011MS	TT02001-011MS	B1009033.D	10/09/2007	18:53

VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

CLIENT SAMPLE NO.
BFB4

Lab Name: Laucks Testing Laboratories, Inc Contract:

Run Sequence: R022318 SDG No.: TT02001

Lab File ID: B1009007.D BFB Injection Date: 10/09/2007

Instrument ID: 5973B BFB Injection Time: 07:28

GC Column ZB-624 20m ID: 0.18 (mm)

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
50	15% to 40% of mass 95	16.8
75	30% to 60% of mass 95	44.8
95	base peak, 100% relative abundance	100
96	5% to 9% of mass 95	6.9
173	less than 2% of mass 174	0()1
174	greater than 50% of mass 95	99.3
175	5% to 9% of mass 17	7.3()1
176	greater than 95%, but less than 101% of mass 174	97.6()1
177	5% to 9% of mass 176	6.7()2

1 - Value is %mass 174 2 - Value is %mass 176

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS, AND STANDARDS:

	CLIENT SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
01	08SSW011MSD	TT02001-011MSD	B1009034.D	10/09/2007	19:20
02					
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CLIENT SAMPLE NO.

BFBB1

VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: Laucks Testing Laboratories, Inc Contract:

Run Sequence: R022374 SDG No.: TT02001

Lab File ID: B1010004.D BFB Injection Date: 10/10/2007

Instrument ID: 5973B BFB Injection Time: 06:59

GC Column ZB-624 20m ID: 0.18 (mm)

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
50	15% to 40% of mass 95	16.9
75	30% to 60% of mass 95	46.1
95	base peak, 100% relative abundance	100
96	5% to 9% of mass 95	7.1
173	less than 2% of mass 174	0()1
174	greater than 50% of mass 95	101.2
175	5% to 9% of mass 17	7.2()1
176	greater than 95%, but less than 101% of mass 174	99.1()1
177	5% to 9% of mass 176	7.8()2

1 - Value is %mass 174 2 - Value is %mass 176

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS, AND STANDARDS:

	CLIENT SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
01	VSTD050B2	VSTD050B2	B1010006.D	10/10/2007	07:55
02	S101007MVOSB1	S101007MVOSB1	B1010007.D	10/10/2007	08:21
03	B101007MVOSB2	B101007MVOSB2	B1010010.D	10/10/2007	09:43
04	08SSW006RE	TT02001-006RE	B1010013.D	10/10/2007	11:02
05	08SSW008RE	TT02001-008RE	B1010014.D	10/10/2007	11:28
06	08SSW013RE	TT02001-013RE	B1010015.D	10/10/2007	11:54
07	08SSW003DL	TT02001-003DL	B1010016.D	10/10/2007	12:20
08	08FD10030701DL	TT02001-014DL	B1010017.D	10/10/2007	12:46
09	08SSW014DL	TT02001-015DL	B1010018.D	10/10/2007	13:13
10	08SSW004DL	TT02001-004DL	B1010019.D	10/10/2007	13:39
11	08SSW001DL	TT02001-001DL	B1010020.D	10/10/2007	14:06
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CLIENT SAMPLE NO.

BFB/VSTD050B3

VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: Laucks Testing Laboratories, Inc Contract:

Run Sequence: R022490 SDG No.: TT02001

Lab File ID: B1015007.D BFB Injection Date: 10/15/2007

Instrument ID: 5973B BFB Injection Time: 08:21

GC Column ZB-624 20m ID: 0.18 (mm)

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
50	15% to 40% of mass 95	15.6
75	30% to 60% of mass 95	42.4
95	base peak, 100% relative abundance	100
96	5% to 9% of mass 95	6.5
173	less than 2% of mass 174	0()1
174	greater than 50% of mass 95	103.3
175	5% to 9% of mass 17	7.5()1
176	greater than 95%, but less than 101% of mass 174	96.8()1
177	5% to 9% of mass 176	6.9()2

1 - Value is %mass 174 2 - Value is %mass 176

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS, AND STANDARDS:

	CLIENT SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
01	VSTD050B3	VSTD050B3	B1015007a.D	10/15/2007	08:21
02	S101507MVOSB1	S101507MVOSB1	B1015008.D	10/15/2007	08:54
03	B101507MVOSB3	B101507MVOSB3	B1015012.D	10/15/2007	11:06
04	08FD10030701DL2	TT02001-014DL2	B1015025.D	10/15/2007	16:46
05	08SSW014DL2	TT02001-015DL2	B1015026.D	10/15/2007	17:11
06	08SSW003DL2	TT02001-003DL2	B1015027.D	10/15/2007	17:37
07	08SSW001DL2	TT02001-001DL2	B1015028.D	10/15/2007	18:04
08	08SSW004DL2	TT02001-004DL2	B1015029.D	10/15/2007	18:31
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VOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: Laucks Testing Laboratories, Inc. Contract:

Run Sequence: R022318 SDG No.: TT02001

Client Sample No.(VSTD050##): VSTD050B2 Date Analyzed: 10/09/2007

Lab File ID (Standard): B1009008.D Time Analyzed: 07:54

Instrument ID: 5973B Heated Purge: (Y/N) Y

GC Column: ZB-624 20m ID: 0.18 (mm)

		IS1 (FBZ) AREA #	RT #	IS2 (CBZ) AREA #	RT #	IS3 (DCB) AREA #	RT #
	12 HOUR STD	459958	6.17	431566	9.36	265758	11.67
	UPPER LIMIT	919916	6.67	863132	9.86	531516	12.17
	LOWER LIMIT	229979	5.67	215783	8.86	132879	11.17
	CLIENT SAMPLE NO.						
01	S100907MVOSB1	468059	6.17	432287	9.36	261103	11.67
02	B100907MVOSB2	395497	6.17	357387	9.36	205535	11.67
03	08TB100407	462153	6.17	430942	9.36	252662	11.67
04	08SSW001	455067	6.17	426108	9.36	259179	11.67
05	08SSW002	508050	6.17	459303	9.36	273330	11.67
06	08SSW003	246968	6.17	227004	9.36	131351 *	11.67
07	08SSW004	489091	6.17	390134	9.36	193003	11.67
08	08SSW005	398493	6.17	361133	9.36	218779	11.67
09	08SSW006	33235 *	6.17	40954 *	9.36	27361 *	11.67
10	08SSW007	484647	6.17	443738	9.36	240875	11.67
11	08SSW008	212067 *	6.17	203485 *	9.36	101039 *	11.67
12	08SSW009	397611	6.17	366433	9.36	221789	11.67
13	08SSW010	462569	6.17	447238	9.36	270638	11.67
14	08SSW011	476586	6.17	445020	9.36	257319	11.67
15	08SSW012	468284	6.17	420977	9.36	232865	11.67
16	08SSW013	186369 *	6.17	197091 *	9.36	119262 *	11.67
17	08FD10030701	467613	6.17	411072	9.36	218628	11.67
18	08SSW014	296453	6.17	282057	9.36	161110	11.67
19	08SSW016	469673	6.17	393956	9.36	181201	11.67
20	08SSW015	443991	6.17	381079	9.36	171426	11.67
21	08SSW011MS	486975	6.17	432813	9.36	247413	11.67
22	08SSW011MSD	475653	6.17	414671	9.36	224723	11.67

IS1 (FBZ) = FLUOROBENZENE
IS2 (CBZ) = CHLOROBENZENE-D5
IS3 (DCB) = 1,4-DICHLOROBENZENE-D4

AREA UPPER LIMIT = + 100% of internal standard area
AREA LOWER LIMIT = - 50% of internal standard area
RT UPPER LIMIT = + 0.50 minutes of internal standard RT
RT LOWER LIMIT = - 0.50 minutes of internal standard RT

Column used to flag values outside QC limits with an asterisk.
* Values outside of QC limits

VOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: Laucks Testing Laboratories, Inc. Contract:

Run Sequence: R022374 SDG No.: TT02001

Client Sample No.(VSTD050##): VSTD050B2 Date Analyzed: 10/10/2007

Lab File ID (Standard): B1010006.D Time Analyzed: 07:55

Instrument ID: 5973B Heated Purge: (Y/N) Y

GC Column: ZB-624 20m ID: 0.18 (mm)

		IS1 (FBZ) AREA #	RT #	IS2 (CBZ) AREA #	RT #	IS3 (DCB) AREA #	RT #
	12 HOUR STD	467067	6.17	433378	9.36	276633	11.67
	UPPER LIMIT	934134	6.67	866756	9.86	553266	12.17
	LOWER LIMIT	233533.5	5.67	216689	8.86	138316.5	11.17
	CLIENT SAMPLE NO.						
01	S101007MVOSB1	475365	6.17	445871	9.36	282523	11.67
02	B101007MVOSB2	473178	6.17	423397	9.36	243144	11.67
03	08SSW006RE	481705	6.17	443392	9.36	252248	11.67
04	08SSW008RE	491417	6.17	417082	9.36	190292	11.67
05	08SSW013RE	453886	6.17	420128	9.36	247910	11.67
06	08SSW003DL	379433	6.17	362305	9.36	210651	11.67
07	08FD10030701DL	443078	6.17	419844	9.36	238396	11.67
08	08SSW014DL	463816	6.17	436692	9.36	239072	11.67
09	08SSW004DL	442471	6.17	415146	9.36	241549	11.67
10	08SSW001DL	459303	6.17	437387	9.36	253451	11.67
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IS1 (FBZ) = FLUOROBENZENE
IS2 (CBZ) = CHLOROBENZENE-D5
IS3 (DCB) = 1,4-DICHLOROBENZENE-D4

AREA UPPER LIMIT = + 100% of internal standard area
AREA LOWER LIMIT = - 50% of internal standard area
RT UPPER LIMIT = + 0.50 minutes of internal standard RT
RT LOWER LIMIT = - 0.50 minutes of internal standard RT

Column used to flag values outside QC limits with an asterisk.
* Values outside of QC limits

VOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: Laucks Testing Laboratories, Inc. Contract:

Run Sequence: R022490 SDG No.: TT02001

Client Sample No.(VSTD050##): VSTD050B3 Date Analyzed: 10/15/2007

Lab File ID (Standard): B1015007a.D Time Analyzed: 08:21

Instrument ID: 5973B Heated Purge: (Y/N) Y

GC Column: ZB-624 20m ID: 0.18 (mm)

		IS1 (FBZ) AREA #	RT #	IS2 (CBZ) AREA #	RT #	IS3 (DCB) AREA #	RT #
	12 HOUR STD	463792	6.17	452496	9.36	288525	11.67
	UPPER LIMIT	927584	6.67	904992	9.86	577050	12.17
	LOWER LIMIT	231896	5.67	226248	8.86	144262.5	11.17
	CLIENT SAMPLE NO.						
01	S101507MVOSB1	488155	6.17	464911	9.36	292703	11.67
02	B101507MVOSB3	394997	6.17	380556	9.36	229268	11.67
03	08FD10030701DL2	451018	6.17	401171	9.36	220438	11.67
04	08SSW014DL2	422827	6.17	426066	9.36	253749	11.67
05	08SSW003DL2	431657	6.17	416910	9.36	233727	11.67
06	08SSW001DL2	439923	6.17	426373	9.36	244061	11.67
07	08SSW004DL2	434165	6.17	404012	9.36	239523	11.67
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IS1 (FBZ) = FLUOROBENZENE
IS2 (CBZ) = CHLOROBENZENE-D5
IS3 (DCB) = 1,4-DICHLOROBENZENE-D4

AREA UPPER LIMIT = + 100% of internal standard area
AREA LOWER LIMIT = - 50% of internal standard area
RT UPPER LIMIT = + 0.50 minutes of internal standard RT
RT LOWER LIMIT = - 0.50 minutes of internal standard RT

Column used to flag values outside QC limits with an asterisk.
* Values outside of QC limits

VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

08SSW001

Lab Name: _____ Contract: _____

SDG No.: TT02001 Run Sequence: R022318

Matrix: (SOIL/SED/WATER) Soil Lab Sample ID: TT02001-001

Sample wt/vol: 5.78 (g/mL) gm Lab File ID: B1009015.D

Level: (LOW/MED) _____ Date Collected: 10/03/2007

% Moisture: not dec. 21.0 Date/Time Analyzed: 10/09/2007 10:59

GC Column: ZB-624 20m ID: 0.18 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____(uL) Soil Aliquot Volume: _____(uL)

Heated Purge: (Y/N) Y

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/kg	Q
1330-20-7	XYLENES, TOTAL	1.1	U
75-71-8	DICHLORODIFLUOROMETHANE	1.1	U
74-87-3	CHLOROMETHANE	1.1	U
75-01-4	VINYL CHLORIDE	1.1	U
74-83-9	BROMOMETHANE	1.1	U
75-00-3	CHLOROETHANE	3.8	
75-69-4	TRICHLOROFLUOROMETHANE	1.1	U
75-35-4	1,1-DICHLOROETHENE	3.1	J
76-13-1	1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	1.1	U
67-64-1	ACETONE	4.1	JB
75-15-0	CARBON DISULFIDE	1.1	U
79-20-9	METHYL ACETATE	1.1	U
75-09-2	METHYLENE CHLORIDE	1.1	U
1634-04-4	METHYL TERT-BUTYL ETHER	1.1	U
156-60-5	TRANS-1,2-DICHLOROETHENE	1.1	U
75-34-3	1,1-DICHLOROETHANE	150	
156-59-2	CIS-1,2-DICHLOROETHENE	1300	E
78-93-3	2-BUTANONE	1.1	U
67-66-3	CHLOROFORM	1.1	U
71-55-6	1,1,1-TRICHLOROETHANE	340	E
110-82-7	CYCLOHEXANE	1.1	U
56-23-5	CARBON TETRACHLORIDE	1.1	U
71-43-2	BENZENE	1.1	U
107-06-2	1,2-DICHLOROETHANE	1.1	U
79-01-6	TRICHLOROETHENE	12	
108-87-2	METHYLCYCLOHEXANE	1.1	U
78-87-5	1,2-DICHLOROPROPANE	1.1	U
75-27-4	BROMODICHLOROMETHANE	1.1	U
10061-01-	CIS-1,3-DICHLOROPROPENE	1.1	U

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VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

08SSW001

Lab Name: _____ Contract: _____

SDG No.: TT02001 Run Sequence: R022318

Matrix: (SOIL/SED/WATER) Soil Lab Sample ID: TT02001-001

Sample wt/vol: 5.78 (g/mL) gm Lab File ID: B1009015.D

Level: (LOW/MED) _____ Date Collected: 10/03/2007

% Moisture: not dec. 21.0 Date/Time Analyzed: 10/09/2007 10:59

GC Column: ZB-624 20m ID: 0.18 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____(uL) Soil Aliquot Volume: _____(uL)

Heated Purge: (Y/N) Y

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/kg	Q
108-10-1	4-METHYL-2-PENTANONE	1.1	U
108-88-3	TOLUENE	1.1	U
10061-02-	TRANS-1,3-DICHLOROPROPENE	1.1	U
79-00-5	1,1,2-TRICHLOROETHANE	1.1	U
127-18-4	TETRACHLOROETHENE	1.1	U
591-78-6	2-HEXANONE	1.1	U
124-48-1	DIBROMOCHLOROMETHANE	1.1	U
106-93-4	1,2-DIBROMOETHANE	1.1	U
108-90-7	CHLOROBENZENE	1.1	U
100-41-4	ETHYLBENZENE	1.1	U
179601-23	M,P-XYLENE	1.1	U
95-47-6	O-XYLENE	1.1	U
100-42-5	STYRENE	1.1	U
75-25-2	BROMOFORM	1.1	U
98-82-8	ISOPROPYLBENZENE	1.1	U
79-34-5	1,1,2,2-TETRACHLOROETHANE	1.1	U
541-73-1	1,3-DICHLOROBENZENE	1.1	U
106-46-7	1,4-DICHLOROBENZENE	1.1	U
95-50-1	1,2-DICHLOROBENZENE	1.1	U
96-12-8	1,2-DIBROMO-3-CHLOROPROPANE	1.1	U
120-82-1	1,2,4-TRICHLOROBENZENE	1.1	U

Comments:

VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

08SSW001DL

Lab Name: _____ Contract: _____

SDG No.: TT02001 Run Sequence: R022374

Matrix: (SOIL/SED/WATER) Soil Lab Sample ID: TT02001-001DL

Sample wt/vol: 0.53 (g/mL) gm Lab File ID: B1010020.D

Level: (LOW/MED) _____ Date Collected: 10/03/2007

% Moisture: not dec. 21.0 Date/Time Analyzed: 10/10/2007 14:06

GC Column: ZB-624 20m ID: 0.18 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____(uL) Soil Aliquot Volume: _____(uL)

Heated Purge: (Y/N) Y

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/kg	Q
1330-20-7	XYLENES, TOTAL	12	U
75-71-8	DICHLORODIFLUOROMETHANE	12	U
74-87-3	CHLOROMETHANE	12	U
75-01-4	VINYL CHLORIDE	12	U
74-83-9	BROMOMETHANE	12	U
75-00-3	CHLOROETHANE	12	U
75-69-4	TRICHLOROFLUOROMETHANE	12	U
75-35-4	1,1-DICHLOROETHENE	12	U
76-13-1	1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	12	U
67-64-1	ACETONE	57	JB
75-15-0	CARBON DISULFIDE	12	U
79-20-9	METHYL ACETATE	12	U
75-09-2	METHYLENE CHLORIDE	44	B
1634-04-4	METHYL TERT-BUTYL ETHER	12	U
156-60-5	TRANS-1,2-DICHLOROETHENE	12	U
75-34-3	1,1-DICHLOROETHANE	20	J
156-59-2	CIS-1,2-DICHLOROETHENE	220	
78-93-3	2-BUTANONE	12	U
67-66-3	CHLOROFORM	12	U
71-55-6	1,1,1-TRICHLOROETHANE	87	
110-82-7	CYCLOHEXANE	12	U
56-23-5	CARBON TETRACHLORIDE	12	U
71-43-2	BENZENE	12	U
107-06-2	1,2-DICHLOROETHANE	12	U
79-01-6	TRICHLOROETHENE	12	U
108-87-2	METHYLCYCLOHEXANE	12	U
78-87-5	1,2-DICHLOROPROPANE	12	U
75-27-4	BROMODICHLOROMETHANE	12	U
10061-01-	CIS-1,3-DICHLOROPROPENE	12	U

VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

08SSW001DL

Lab Name: _____ Contract: _____

SDG No.: TT02001 Run Sequence: R022374

Matrix: (SOIL/SED/WATER) Soil Lab Sample ID: TT02001-001DL

Sample wt/vol: 0.53 (g/mL) gm Lab File ID: B1010020.D

Level: (LOW/MED) _____ Date Collected: 10/03/2007

% Moisture: not dec. 21.0 Date/Time Analyzed: 10/10/2007 14:06

GC Column: ZB-624 20m ID: 0.18 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____(uL) Soil Aliquot Volume: _____(uL)

Heated Purge: (Y/N) Y

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/kg	Q
108-10-1	4-METHYL-2-PENTANONE	12	U
108-88-3	TOLUENE	12	U
10061-02-	TRANS-1,3-DICHLOROPROPENE	12	U
79-00-5	1,1,2-TRICHLOROETHANE	12	U
127-18-4	TETRACHLOROETHENE	12	U
591-78-6	2-HEXANONE	12	U
124-48-1	DIBROMOCHLOROMETHANE	12	U
106-93-4	1,2-DIBROMOETHANE	12	U
108-90-7	CHLOROBENZENE	12	U
100-41-4	ETHYLBENZENE	12	U
179601-23	M,P-XYLENE	12	U
95-47-6	O-XYLENE	12	U
100-42-5	STYRENE	12	U
75-25-2	BROMOFORM	12	U
98-82-8	ISOPROPYLBENZENE	12	U
79-34-5	1,1,2,2-TETRACHLOROETHANE	12	U
541-73-1	1,3-DICHLOROBENZENE	12	U
106-46-7	1,4-DICHLOROBENZENE	12	U
95-50-1	1,2-DICHLOROBENZENE	12	U
96-12-8	1,2-DIBROMO-3-CHLOROPROPANE	12	U
120-82-1	1,2,4-TRICHLOROBENZENE	12	U

Comments:

VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

08SSW001DL2

Lab Name: _____ Contract: _____

SDG No.: TT02001 Run Sequence: R022490

Matrix: (SOIL/SED/WATER) Soil Lab Sample ID: TT02001-001DL2

Sample wt/vol: 2.21 (g/mL) gm Lab File ID: B1015028.D

Level: (LOW/MED) _____ Date Collected: 10/03/2007

% Moisture: not dec. 21.0 Date/Time Analyzed: 10/15/2007 18:04

GC Column: ZB-624 20m ID: 0.18 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____(uL) Soil Aliquot Volume: _____(uL)

Heated Purge: (Y/N) Y

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/kg	Q
1330-20-7	XYLENES, TOTAL	2.9	U
75-71-8	DICHLORODIFLUOROMETHANE	2.9	U
74-87-3	CHLOROMETHANE	2.9	U
75-01-4	VINYL CHLORIDE	2.9	U
74-83-9	BROMOMETHANE	2.9	U
75-00-3	CHLOROETHANE	2.9	U
75-69-4	TRICHLOROFLUOROMETHANE	2.9	U
75-35-4	1,1-DICHLOROETHENE	2.9	U
76-13-1	1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	2.9	U
67-64-1	ACETONE	26	JB
75-15-0	CARBON DISULFIDE	2.9	U
79-20-9	METHYL ACETATE	2.9	U
75-09-2	METHYLENE CHLORIDE	54	
1634-04-4	METHYL TERT-BUTYL ETHER	2.9	U
156-60-5	TRANS-1,2-DICHLOROETHENE	2.9	U
75-34-3	1,1-DICHLOROETHANE	10	
156-59-2	CIS-1,2-DICHLOROETHENE	130	
78-93-3	2-BUTANONE	2.9	U
67-66-3	CHLOROFORM	2.9	U
71-55-6	1,1,1-TRICHLOROETHANE	28	
110-82-7	CYCLOHEXANE	2.9	U
56-23-5	CARBON TETRACHLORIDE	2.9	U
71-43-2	BENZENE	2.9	U
107-06-2	1,2-DICHLOROETHANE	2.9	U
79-01-6	TRICHLOROETHENE	2.9	U
108-87-2	METHYLCYCLOHEXANE	2.9	U
78-87-5	1,2-DICHLOROPROPANE	2.9	U
75-27-4	BROMODICHLOROMETHANE	2.9	U
10061-01-	CIS-1,3-DICHLOROPROPENE	2.9	U

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VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

08SSW001DL2

Lab Name: _____ Contract: _____

SDG No.: TT02001 Run Sequence: R022490

Matrix: (SOIL/SED/WATER) Soil Lab Sample ID: TT02001-001DL2

Sample wt/vol: 2.21 (g/mL) gm Lab File ID: B1015028.D

Level: (LOW/MED) _____ Date Collected: 10/03/2007

% Moisture: not dec. 21.0 Date/Time Analyzed: 10/15/2007 18:04

GC Column: ZB-624 20m ID: 0.18 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____(uL) Soil Aliquot Volume: _____(uL)

Heated Purge: (Y/N) Y

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/kg	Q
108-10-1	4-METHYL-2-PENTANONE	2.9	U
108-88-3	TOLUENE	2.9	U
10061-02-	TRANS-1,3-DICHLOROPROPENE	2.9	U
79-00-5	1,1,2-TRICHLOROETHANE	2.9	U
127-18-4	TETRACHLOROETHENE	2.9	U
591-78-6	2-HEXANONE	2.9	U
124-48-1	DIBROMOCHLOROMETHANE	2.9	U
106-93-4	1,2-DIBROMOETHANE	2.9	U
108-90-7	CHLOROBENZENE	2.9	U
100-41-4	ETHYLBENZENE	2.9	U
179601-23	M,P-XYLENE	2.9	U
95-47-6	O-XYLENE	2.9	U
100-42-5	STYRENE	2.9	U
75-25-2	BROMOFORM	2.9	U
98-82-8	ISOPROPYLBENZENE	2.9	U
79-34-5	1,1,2,2-TETRACHLOROETHANE	2.9	U
541-73-1	1,3-DICHLOROBENZENE	2.9	U
106-46-7	1,4-DICHLOROBENZENE	2.9	U
95-50-1	1,2-DICHLOROBENZENE	2.9	U
96-12-8	1,2-DIBROMO-3-CHLOROPROPANE	2.9	U
120-82-1	1,2,4-TRICHLOROBENZENE	2.9	U

Comments:

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VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

08SSW002

Lab Name: _____ Contract: _____

SDG No.: TT02001 Run Sequence: R022318

Matrix: (SOIL/SED/WATER) Soil Lab Sample ID: TT02001-002

Sample wt/vol: 5.74 (g/mL) gm Lab File ID: B1009016.D

Level: (LOW/MED) _____ Date Collected: 10/03/2007

% Moisture: not dec. 17.0 Date/Time Analyzed: 10/09/2007 11:25

GC Column: ZB-624 20m ID: 0.18 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____(uL) Soil Aliquot Volume: _____(uL)

Heated Purge: (Y/N) Y

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/kg	Q
1330-20-7	XYLENES, TOTAL	1.0	U
75-71-8	DICHLORODIFLUOROMETHANE	1.0	U
74-87-3	CHLOROMETHANE	1.0	U
75-01-4	VINYL CHLORIDE	3.0	J
74-83-9	BROMOMETHANE	1.0	U
75-00-3	CHLOROETHANE	97	
75-69-4	TRICHLOROFLUOROMETHANE	1.0	U
75-35-4	1,1-DICHLOROETHENE	1.0	U
76-13-1	1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	1.0	U
67-64-1	ACETONE	9.0	JB
75-15-0	CARBON DISULFIDE	1.0	U
79-20-9	METHYL ACETATE	1.0	U
75-09-2	METHYLENE CHLORIDE	1.0	U
1634-04-4	METHYL TERT-BUTYL ETHER	1.0	U
156-60-5	TRANS-1,2-DICHLOROETHENE	1.0	U
75-34-3	1,1-DICHLOROETHANE	32	
156-59-2	CIS-1,2-DICHLOROETHENE	5.5	
78-93-3	2-BUTANONE	1.0	U
67-66-3	CHLOROFORM	1.0	U
71-55-6	1,1,1-TRICHLOROETHANE	1.0	U
110-82-7	CYCLOHEXANE	1.0	U
56-23-5	CARBON TETRACHLORIDE	1.0	U
71-43-2	BENZENE	1.0	U
107-06-2	1,2-DICHLOROETHANE	1.0	U
79-01-6	TRICHLOROETHENE	1.0	U
108-87-2	METHYLCYCLOHEXANE	1.0	U
78-87-5	1,2-DICHLOROPROPANE	1.0	U
75-27-4	BROMODICHLOROMETHANE	1.0	U
10061-01-	CIS-1,3-DICHLOROPROPENE	1.0	U

VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

08SSW002

Lab Name: _____ Contract: _____

SDG No.: TT02001 Run Sequence: R022318

Matrix: (SOIL/SED/WATER) Soil Lab Sample ID: TT02001-002

Sample wt/vol: 5.74 (g/mL) gm Lab File ID: B1009016.D

Level: (LOW/MED) _____ Date Collected: 10/03/2007

% Moisture: not dec. 17.0 Date/Time Analyzed: 10/09/2007 11:25

GC Column: ZB-624 20m ID: 0.18 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____(uL) Soil Aliquot Volume: _____(uL)

Heated Purge: (Y/N) Y

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/kg	Q
108-10-1	4-METHYL-2-PENTANONE	1.0	U
108-88-3	TOLUENE	1.0	U
10061-02-	TRANS-1,3-DICHLOROPROPENE	1.0	U
79-00-5	1,1,2-TRICHLOROETHANE	1.0	U
127-18-4	TETRACHLOROETHENE	1.0	U
591-78-6	2-HEXANONE	1.0	U
124-48-1	DIBROMOCHLOROMETHANE	1.0	U
106-93-4	1,2-DIBROMOETHANE	1.0	U
108-90-7	CHLOROBENZENE	1.0	U
100-41-4	ETHYLBENZENE	1.0	U
179601-23	M,P-XYLENE	1.0	U
95-47-6	O-XYLENE	1.0	U
100-42-5	STYRENE	1.0	U
75-25-2	BROMOFORM	1.0	U
98-82-8	ISOPROPYLBENZENE	1.0	U
79-34-5	1,1,2,2-TETRACHLOROETHANE	1.0	U
541-73-1	1,3-DICHLOROBENZENE	1.0	U
106-46-7	1,4-DICHLOROBENZENE	1.0	U
95-50-1	1,2-DICHLOROBENZENE	1.0	U
96-12-8	1,2-DIBROMO-3-CHLOROPROPANE	1.0	U
120-82-1	1,2,4-TRICHLOROBENZENE	1.0	U

Comments:

VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

08SSW003

Lab Name: _____ Contract: _____

SDG No.: TT02001 Run Sequence: R022318

Matrix: (SOIL/SED/WATER) Soil Lab Sample ID: TT02001-003

Sample wt/vol: 5.89 (g/mL) gm Lab File ID: B1009017.D

Level: (LOW/MED) _____ Date Collected: 10/03/2007

% Moisture: not dec. 18.0 Date/Time Analyzed: 10/09/2007 11:52

GC Column: ZB-624 20m ID: 0.18 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____(uL) Soil Aliquot Volume: _____(uL)

Heated Purge: (Y/N) Y

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/kg	Q
1330-20-7	XYLENES, TOTAL	1.0	U
75-71-8	DICHLORODIFLUOROMETHANE	1.0	U
74-87-3	CHLOROMETHANE	1.0	U
75-01-4	VINYL CHLORIDE	1.0	U
74-83-9	BROMOMETHANE	1.0	U
75-00-3	CHLOROETHANE	14	
75-69-4	TRICHLOROFLUOROMETHANE	1.0	U
75-35-4	1,1-DICHLOROETHENE	1.0	U
76-13-1	1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	1.0	U
67-64-1	ACETONE	7.0	JB
75-15-0	CARBON DISULFIDE	1.0	U
79-20-9	METHYL ACETATE	1.0	U
75-09-2	METHYLENE CHLORIDE	1.0	U
1634-04-4	METHYL TERT-BUTYL ETHER	1.0	U
156-60-5	TRANS-1,2-DICHLOROETHENE	1.0	U
75-34-3	1,1-DICHLOROETHANE	84	
156-59-2	CIS-1,2-DICHLOROETHENE	390	E
78-93-3	2-BUTANONE	1.0	U
67-66-3	CHLOROFORM	1.0	U
71-55-6	1,1,1-TRICHLOROETHANE	41	
110-82-7	CYCLOHEXANE	1.0	U
56-23-5	CARBON TETRACHLORIDE	1.0	U
71-43-2	BENZENE	1.0	U
107-06-2	1,2-DICHLOROETHANE	1.0	U
79-01-6	TRICHLOROETHENE	6.9	
108-87-2	METHYLCYCLOHEXANE	1.0	U
78-87-5	1,2-DICHLOROPROPANE	1.0	U
75-27-4	BROMODICHLOROMETHANE	1.0	U
10061-01-	CIS-1,3-DICHLOROPROPENE	1.0	U

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VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

08SSW003

Lab Name: _____ Contract: _____

SDG No.: TT02001 Run Sequence: R022318

Matrix: (SOIL/SED/WATER) Soil Lab Sample ID: TT02001-003

Sample wt/vol: 5.89 (g/mL) gm Lab File ID: B1009017.D

Level: (LOW/MED) _____ Date Collected: 10/03/2007

% Moisture: not dec. 18.0 Date/Time Analyzed: 10/09/2007 11:52

GC Column: ZB-624 20m ID: 0.18 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____(uL) Soil Aliquot Volume: _____(uL)

Heated Purge: (Y/N) Y

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/kg	Q
108-10-1	4-METHYL-2-PENTANONE	1.0	U
108-88-3	TOLUENE	1.0	U
10061-02-	TRANS-1,3-DICHLOROPROPENE	1.0	U
79-00-5	1,1,2-TRICHLOROETHANE	1.0	U
127-18-4	TETRACHLOROETHENE	1.0	U
591-78-6	2-HEXANONE	1.0	U
124-48-1	DIBROMOCHLOROMETHANE	1.0	U
106-93-4	1,2-DIBROMOETHANE	1.0	U
108-90-7	CHLOROBENZENE	1.0	U
100-41-4	ETHYLBENZENE	1.0	U
179601-23	M,P-XYLENE	1.0	U
95-47-6	O-XYLENE	1.0	U
100-42-5	STYRENE	1.0	U
75-25-2	BROMOFORM	1.0	U
98-82-8	ISOPROPYLBENZENE	1.0	U
79-34-5	1,1,2,2-TETRACHLOROETHANE	1.0	U
541-73-1	1,3-DICHLOROBENZENE	1.0	U
106-46-7	1,4-DICHLOROBENZENE	1.0	U
95-50-1	1,2-DICHLOROBENZENE	1.0	U
96-12-8	1,2-DIBROMO-3-CHLOROPROPANE	1.0	U
120-82-1	1,2,4-TRICHLOROBENZENE	1.0	U

Comments:

VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

08SSW003DL

Lab Name: _____ Contract: _____

SDG No.: TT02001 Run Sequence: R022374

Matrix: (SOIL/SED/WATER) Soil Lab Sample ID: TT02001-003DL

Sample wt/vol: 1.47 (g/mL) gm Lab File ID: B1010016.D

Level: (LOW/MED) _____ Date Collected: 10/03/2007

% Moisture: not dec. 18.0 Date/Time Analyzed: 10/10/2007 12:20

GC Column: ZB-624 20m ID: 0.18 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____(uL) Soil Aliquot Volume: _____(uL)

Heated Purge: (Y/N) Y

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/kg	Q
1330-20-7	XYLENES, TOTAL	4.1	U
75-71-8	DICHLORODIFLUOROMETHANE	4.1	U
74-87-3	CHLOROMETHANE	4.1	U
75-01-4	VINYL CHLORIDE	4.1	U
74-83-9	BROMOMETHANE	4.1	U
75-00-3	CHLOROETHANE	4.1	U
75-69-4	TRICHLOROFLUOROMETHANE	4.1	U
75-35-4	1,1-DICHLOROETHENE	4.1	U
76-13-1	1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	4.1	U
67-64-1	ACETONE	17	JB
75-15-0	CARBON DISULFIDE	4.1	U
79-20-9	METHYL ACETATE	4.1	U
75-09-2	METHYLENE CHLORIDE	12	JB
1634-04-4	METHYL TERT-BUTYL ETHER	4.1	U
156-60-5	TRANS-1,2-DICHLOROETHENE	4.1	U
75-34-3	1,1-DICHLOROETHANE	26	
156-59-2	CIS-1,2-DICHLOROETHENE	120	
78-93-3	2-BUTANONE	4.1	U
67-66-3	CHLOROFORM	4.1	U
71-55-6	1,1,1-TRICHLOROETHANE	14	
110-82-7	CYCLOHEXANE	4.1	U
56-23-5	CARBON TETRACHLORIDE	4.1	U
71-43-2	BENZENE	4.1	U
107-06-2	1,2-DICHLOROETHANE	4.1	U
79-01-6	TRICHLOROETHENE	4.1	U
108-87-2	METHYLCYCLOHEXANE	4.1	U
78-87-5	1,2-DICHLOROPROPANE	4.1	U
75-27-4	BROMODICHLOROMETHANE	4.1	U
10061-01-	CIS-1,3-DICHLOROPROPENE	4.1	U

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VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

08SSW003DL

Lab Name: _____ Contract: _____

SDG No.: TT02001 Run Sequence: R022374

Matrix: (SOIL/SED/WATER) Soil Lab Sample ID: TT02001-003DL

Sample wt/vol: 1.47 (g/mL) gm Lab File ID: B1010016.D

Level: (LOW/MED) _____ Date Collected: 10/03/2007

% Moisture: not dec. 18.0 Date/Time Analyzed: 10/10/2007 12:20

GC Column: ZB-624 20m ID: 0.18 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____(uL) Soil Aliquot Volume: _____(uL)

Heated Purge: (Y/N) Y

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/kg	Q
108-10-1	4-METHYL-2-PENTANONE	4.1	U
108-88-3	TOLUENE	4.1	U
10061-02-	TRANS-1,3-DICHLOROPROPENE	4.1	U
79-00-5	1,1,2-TRICHLOROETHANE	4.1	U
127-18-4	TETRACHLOROETHENE	4.1	U
591-78-6	2-HEXANONE	4.1	U
124-48-1	DIBROMOCHLOROMETHANE	4.1	U
106-93-4	1,2-DIBROMOETHANE	4.1	U
108-90-7	CHLOROBENZENE	4.1	U
100-41-4	ETHYLBENZENE	4.1	U
179601-23	M,P-XYLENE	4.1	U
95-47-6	O-XYLENE	4.1	U
100-42-5	STYRENE	4.1	U
75-25-2	BROMOFORM	4.1	U
98-82-8	ISOPROPYLBENZENE	4.1	U
79-34-5	1,1,2,2-TETRACHLOROETHANE	4.1	U
541-73-1	1,3-DICHLOROBENZENE	4.1	U
106-46-7	1,4-DICHLOROBENZENE	4.1	U
95-50-1	1,2-DICHLOROBENZENE	4.1	U
96-12-8	1,2-DIBROMO-3-CHLOROPROPANE	4.1	U
120-82-1	1,2,4-TRICHLOROBENZENE	4.1	U

Comments:

VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

08SSW003DL2

Lab Name: _____ Contract: _____

SDG No.: TT02001 Run Sequence: R022490

Matrix: (SOIL/SED/WATER) Soil Lab Sample ID: TT02001-003DL2

Sample wt/vol: 2.21 (g/mL) gm Lab File ID: B1015027.D

Level: (LOW/MED) _____ Date Collected: 10/03/2007

% Moisture: not dec. 18.0 Date/Time Analyzed: 10/15/2007 17:37

GC Column: ZB-624 20m ID: 0.18 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____(uL) Soil Aliquot Volume: _____(uL)

Heated Purge: (Y/N) Y

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/kg	Q
1330-20-7	XYLENES, TOTAL	2.8	U
75-71-8	DICHLORODIFLUOROMETHANE	2.8	U
74-87-3	CHLOROMETHANE	2.8	U
75-01-4	VINYL CHLORIDE	2.8	U
74-83-9	BROMOMETHANE	2.8	U
75-00-3	CHLOROETHANE	2.8	U
75-69-4	TRICHLOROFLUOROMETHANE	2.8	U
75-35-4	1,1-DICHLOROETHENE	2.8	U
76-13-1	1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	2.8	U
67-64-1	ACETONE	21	JB
75-15-0	CARBON DISULFIDE	2.8	U
79-20-9	METHYL ACETATE	2.8	U
75-09-2	METHYLENE CHLORIDE	54	
1634-04-4	METHYL TERT-BUTYL ETHER	2.8	U
156-60-5	TRANS-1,2-DICHLOROETHENE	2.8	U
75-34-3	1,1-DICHLOROETHANE	8.4	
156-59-2	CIS-1,2-DICHLOROETHENE	57	
78-93-3	2-BUTANONE	2.8	U
67-66-3	CHLOROFORM	2.8	U
71-55-6	1,1,1-TRICHLOROETHANE	7.4	J
110-82-7	CYCLOHEXANE	2.8	U
56-23-5	CARBON TETRACHLORIDE	2.8	U
71-43-2	BENZENE	2.8	U
107-06-2	1,2-DICHLOROETHANE	2.8	U
79-01-6	TRICHLOROETHENE	3.1	J
108-87-2	METHYLCYCLOHEXANE	2.8	U
78-87-5	1,2-DICHLOROPROPANE	2.8	U
75-27-4	BROMODICHLOROMETHANE	2.8	U
10061-01-	CIS-1,3-DICHLOROPROPENE	2.8	U

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VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

08SSW003DL2

Lab Name: _____ Contract: _____

SDG No.: TT02001 Run Sequence: R022490

Matrix: (SOIL/SED/WATER) Soil Lab Sample ID: TT02001-003DL2

Sample wt/vol: 2.21 (g/mL) gm Lab File ID: B1015027.D

Level: (LOW/MED) _____ Date Collected: 10/03/2007

% Moisture: not dec. 18.0 Date/Time Analyzed: 10/15/2007 17:37

GC Column: ZB-624 20m ID: 0.18 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____(uL) Soil Aliquot Volume: _____(uL)

Heated Purge: (Y/N) Y

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/kg	Q
108-10-1	4-METHYL-2-PENTANONE	2.8	U
108-88-3	TOLUENE	2.8	U
10061-02-	TRANS-1,3-DICHLOROPROPENE	2.8	U
79-00-5	1,1,2-TRICHLOROETHANE	2.8	U
127-18-4	TETRACHLOROETHENE	2.8	U
591-78-6	2-HEXANONE	2.8	U
124-48-1	DIBROMOCHLOROMETHANE	2.8	U
106-93-4	1,2-DIBROMOETHANE	2.8	U
108-90-7	CHLOROBENZENE	2.8	U
100-41-4	ETHYLBENZENE	2.8	U
179601-23	M,P-XYLENE	2.8	U
95-47-6	O-XYLENE	2.8	U
100-42-5	STYRENE	2.8	U
75-25-2	BROMOFORM	2.8	U
98-82-8	ISOPROPYLBENZENE	2.8	U
79-34-5	1,1,2,2-TETRACHLOROETHANE	2.8	U
541-73-1	1,3-DICHLOROBENZENE	2.8	U
106-46-7	1,4-DICHLOROBENZENE	2.8	U
95-50-1	1,2-DICHLOROBENZENE	2.8	U
96-12-8	1,2-DIBROMO-3-CHLOROPROPANE	2.8	U
120-82-1	1,2,4-TRICHLOROBENZENE	2.8	U

Comments:

VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

08SSW004

Lab Name: _____ Contract: _____

SDG No.: TT02001 Run Sequence: R022318

Matrix: (SOIL/SED/WATER) Soil Lab Sample ID: TT02001-004

Sample wt/vol: 5.72 (g/mL) gm Lab File ID: B1009018.D

Level: (LOW/MED) _____ Date Collected: 10/03/2007

% Moisture: not dec. 15.0 Date/Time Analyzed: 10/09/2007 12:18

GC Column: ZB-624 20m ID: 0.18 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____(uL) Soil Aliquot Volume: _____(uL)

Heated Purge: (Y/N) Y

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/kg	Q
1330-20-7	XYLENES, TOTAL	14	
75-71-8	DICHLORODIFLUOROMETHANE	1.0	U
74-87-3	CHLOROMETHANE	1.0	U
75-01-4	VINYL CHLORIDE	74	
74-83-9	BROMOMETHANE	1.0	U
75-00-3	CHLOROETHANE	340	E
75-69-4	TRICHLOROFLUOROMETHANE	1.0	U
75-35-4	1,1-DICHLOROETHENE	3.3	
76-13-1	1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	1.0	U
67-64-1	ACETONE	28	B
75-15-0	CARBON DISULFIDE	1.0	U
79-20-9	METHYL ACETATE	1.0	U
75-09-2	METHYLENE CHLORIDE	1.0	U
1634-04-4	METHYL TERT-BUTYL ETHER	1.0	U
156-60-5	TRANS-1,2-DICHLOROETHENE	9.1	
75-34-3	1,1-DICHLOROETHANE	230	E
156-59-2	CIS-1,2-DICHLOROETHENE	910	E
78-93-3	2-BUTANONE	5.5	J
67-66-3	CHLOROFORM	1.0	U
71-55-6	1,1,1-TRICHLOROETHANE	260	E
110-82-7	CYCLOHEXANE	1.8	J
56-23-5	CARBON TETRACHLORIDE	1.0	U
71-43-2	BENZENE	1.0	U
107-06-2	1,2-DICHLOROETHANE	1.0	U
79-01-6	TRICHLOROETHENE	910	E
108-87-2	METHYLCYCLOHEXANE	7.7	
78-87-5	1,2-DICHLOROPROPANE	1.0	U
75-27-4	BROMODICHLOROMETHANE	1.0	U
10061-01-	CIS-1,3-DICHLOROPROPENE	1.0	U

VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

08SSW004

Lab Name: _____ Contract: _____

SDG No.: TT02001 Run Sequence: R022318

Matrix: (SOIL/SED/WATER) Soil Lab Sample ID: TT02001-004

Sample wt/vol: 5.72 (g/mL) gm Lab File ID: B1009018.D

Level: (LOW/MED) _____ Date Collected: 10/03/2007

% Moisture: not dec. 15.0 Date/Time Analyzed: 10/09/2007 12:18

GC Column: ZB-624 20m ID: 0.18 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____(uL) Soil Aliquot Volume: _____(uL)

Heated Purge: (Y/N) Y

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/kg	Q
108-10-1	4-METHYL-2-PENTANONE	1.0	U
108-88-3	TOLUENE	5.3	
10061-02-	TRANS-1,3-DICHLOROPROPENE	1.0	U
79-00-5	1,1,2-TRICHLOROETHANE	1.0	U
127-18-4	TETRACHLOROETHENE	15	
591-78-6	2-HEXANONE	1.0	U
124-48-1	DIBROMOCHLOROMETHANE	1.0	U
106-93-4	1,2-DIBROMOETHANE	1.0	U
108-90-7	CHLOROBENZENE	1.0	U
100-41-4	ETHYLBENZENE	2.1	J
179601-23	M,P-XYLENE	9.4	
95-47-6	O-XYLENE	5.0	
100-42-5	STYRENE	1.0	U
75-25-2	BROMOFORM	1.0	U
98-82-8	ISOPROPYLBENZENE	2.1	J
79-34-5	1,1,2,2-TETRACHLOROETHANE	1.0	U
541-73-1	1,3-DICHLOROBENZENE	1.0	U
106-46-7	1,4-DICHLOROBENZENE	1.0	U
95-50-1	1,2-DICHLOROBENZENE	1.0	U
96-12-8	1,2-DIBROMO-3-CHLOROPROPANE	1.0	U
120-82-1	1,2,4-TRICHLOROBENZENE	1.0	U

Comments:

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VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

08SSW004DL

Lab Name: _____ Contract: _____

SDG No.: TT02001 Run Sequence: R022374

Matrix: (SOIL/SED/WATER) Soil Lab Sample ID: TT02001-004DL

Sample wt/vol: 0.46 (g/mL) gm Lab File ID: B1010019.D

Level: (LOW/MED) _____ Date Collected: 10/03/2007

% Moisture: not dec. 15.0 Date/Time Analyzed: 10/10/2007 13:39

GC Column: ZB-624 20m ID: 0.18 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____(uL) Soil Aliquot Volume: _____(uL)

Heated Purge: (Y/N) Y

CAS NO.	COMPOUND	CONCENTRATION UNITS: ug/kg	Q
1330-20-7	XYLENES, TOTAL	13	U
75-71-8	DICHLORODIFLUOROMETHANE	13	U
74-87-3	CHLOROMETHANE	13	U
75-01-4	VINYL CHLORIDE	13	U
74-83-9	BROMOMETHANE	13	U
75-00-3	CHLOROETHANE	15	J
75-69-4	TRICHLOROFLUOROMETHANE	13	U
75-35-4	1,1-DICHLOROETHENE	13	U
76-13-1	1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	13	U
67-64-1	ACETONE	100	JB
75-15-0	CARBON DISULFIDE	13	U
79-20-9	METHYL ACETATE	13	U
75-09-2	METHYLENE CHLORIDE	60	B
1634-04-4	METHYL TERT-BUTYL ETHER	13	U
156-60-5	TRANS-1,2-DICHLOROETHENE	13	U
75-34-3	1,1-DICHLOROETHANE	33	J
156-59-2	CIS-1,2-DICHLOROETHENE	240	
78-93-3	2-BUTANONE	13	U
67-66-3	CHLOROFORM	13	U
71-55-6	1,1,1-TRICHLOROETHANE	180	
110-82-7	CYCLOHEXANE	13	U
56-23-5	CARBON TETRACHLORIDE	13	U
71-43-2	BENZENE	13	U
107-06-2	1,2-DICHLOROETHANE	13	U
79-01-6	TRICHLOROETHENE	550	
108-87-2	METHYLCYCLOHEXANE	13	U
78-87-5	1,2-DICHLOROPROPANE	13	U
75-27-4	BROMODICHLOROMETHANE	13	U
10061-01-	CIS-1,3-DICHLOROPROPENE	13	U

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VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

08SSW004DL

Lab Name: _____ Contract: _____

SDG No.: TT02001 Run Sequence: R022374

Matrix: (SOIL/SED/WATER) Soil Lab Sample ID: TT02001-004DL

Sample wt/vol: 0.46 (g/mL) gm Lab File ID: B1010019.D

Level: (LOW/MED) _____ Date Collected: 10/03/2007

% Moisture: not dec. 15.0 Date/Time Analyzed: 10/10/2007 13:39

GC Column: ZB-624 20m ID: 0.18 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____(uL) Soil Aliquot Volume: _____(uL)

Heated Purge: (Y/N) Y

CAS NO.	COMPOUND	CONCENTRATION UNITS: ug/kg	Q
108-10-1	4-METHYL-2-PENTANONE	13	U
108-88-3	TOLUENE	13	U
10061-02-	TRANS-1,3-DICHLOROPROPENE	13	U
79-00-5	1,1,2-TRICHLOROETHANE	13	U
127-18-4	TETRACHLOROETHENE	28	J
591-78-6	2-HEXANONE	13	U
124-48-1	DIBROMOCHLOROMETHANE	13	U
106-93-4	1,2-DIBROMOETHANE	13	U
108-90-7	CHLOROBENZENE	13	U
100-41-4	ETHYLBENZENE	13	U
179601-23	M,P-XYLENE	13	U
95-47-6	O-XYLENE	13	U
100-42-5	STYRENE	13	U
75-25-2	BROMOFORM	13	U
98-82-8	ISOPROPYLBENZENE	13	U
79-34-5	1,1,2,2-TETRACHLOROETHANE	13	U
541-73-1	1,3-DICHLOROBENZENE	13	U
106-46-7	1,4-DICHLOROBENZENE	13	U
95-50-1	1,2-DICHLOROBENZENE	13	U
96-12-8	1,2-DIBROMO-3-CHLOROPROPANE	13	U
120-82-1	1,2,4-TRICHLOROBENZENE	13	U

Comments:

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VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

08SSW004DL2

Lab Name: _____ Contract: _____

SDG No.: TT02001 Run Sequence: R022490

Matrix: (SOIL/SED/WATER) Soil Lab Sample ID: TT02001-004DL2

Sample wt/vol: 2.43 (g/mL) gm Lab File ID: B1015029.D

Level: (LOW/MED) _____ Date Collected: 10/03/2007

% Moisture: not dec. 15.0 Date/Time Analyzed: 10/15/2007 18:31

GC Column: ZB-624 20m ID: 0.18 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____(uL) Soil Aliquot Volume: _____(uL)

Heated Purge: (Y/N) Y

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/kg	Q
1330-20-7	XYLENES, TOTAL	2.7	J
75-71-8	DICHLORODIFLUOROMETHANE	2.4	U
74-87-3	CHLOROMETHANE	2.4	U
75-01-4	VINYL CHLORIDE	8.1	
74-83-9	BROMOMETHANE	2.4	U
75-00-3	CHLOROETHANE	42	
75-69-4	TRICHLOROFLUOROMETHANE	2.4	U
75-35-4	1,1-DICHLOROETHENE	2.4	U
76-13-1	1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	2.4	U
67-64-1	ACETONE	59	B
75-15-0	CARBON DISULFIDE	2.4	U
79-20-9	METHYL ACETATE	2.4	U
75-09-2	METHYLENE CHLORIDE	47	
1634-04-4	METHYL TERT-BUTYL ETHER	2.4	U
156-60-5	TRANS-1,2-DICHLOROETHENE	2.4	U
75-34-3	1,1-DICHLOROETHANE	41	
156-59-2	CIS-1,2-DICHLOROETHENE	290	
78-93-3	2-BUTANONE	2.4	U
67-66-3	CHLOROFORM	2.4	U
71-55-6	1,1,1-TRICHLOROETHANE	47	
110-82-7	CYCLOHEXANE	2.4	U
56-23-5	CARBON TETRACHLORIDE	2.4	U
71-43-2	BENZENE	2.4	U
107-06-2	1,2-DICHLOROETHANE	2.4	U
79-01-6	TRICHLOROETHENE	380	
108-87-2	METHYLCYCLOHEXANE	5.1	J
78-87-5	1,2-DICHLOROPROPANE	2.4	U
75-27-4	BROMODICHLOROMETHANE	2.4	U
10061-01-	CIS-1,3-DICHLOROPROPENE	2.4	U

VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

08SSW004DL2

Lab Name: _____ Contract: _____

SDG No.: TT02001 Run Sequence: R022490

Matrix: (SOIL/SED/WATER) Soil Lab Sample ID: TT02001-004DL2

Sample wt/vol: 2.43 (g/mL) gm Lab File ID: B1015029.D

Level: (LOW/MED) _____ Date Collected: 10/03/2007

% Moisture: not dec. 15.0 Date/Time Analyzed: 10/15/2007 18:31

GC Column: ZB-624 20m ID: 0.18 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____(uL) Soil Aliquot Volume: _____(uL)

Heated Purge: (Y/N) Y

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/kg	Q
108-10-1	4-METHYL-2-PENTANONE	2.4	U
108-88-3	TOLUENE	2.4	J
10061-02-	TRANS-1,3-DICHLOROPROPENE	2.4	U
79-00-5	1,1,2-TRICHLOROETHANE	2.4	U
127-18-4	TETRACHLOROETHENE	2.4	U
591-78-6	2-HEXANONE	2.4	U
124-48-1	DIBROMOCHLOROMETHANE	2.4	U
106-93-4	1,2-DIBROMOETHANE	2.4	U
108-90-7	CHLOROBENZENE	2.4	U
100-41-4	ETHYLBENZENE	2.4	U
179601-23	M,P-XYLENE	2.7	J
95-47-6	O-XYLENE	2.4	U
100-42-5	STYRENE	2.4	U
75-25-2	BROMOFORM	2.4	U
98-82-8	ISOPROPYLBENZENE	2.4	U
79-34-5	1,1,2,2-TETRACHLOROETHANE	2.4	U
541-73-1	1,3-DICHLOROBENZENE	2.4	U
106-46-7	1,4-DICHLOROBENZENE	2.4	U
95-50-1	1,2-DICHLOROBENZENE	2.4	U
96-12-8	1,2-DIBROMO-3-CHLOROPROPANE	2.4	U
120-82-1	1,2,4-TRICHLOROBENZENE	2.4	U

Comments:

VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

08SSW005

Lab Name: _____ Contract: _____

SDG No.: TT02001 Run Sequence: R022318

Matrix: (SOIL/SED/WATER) Soil Lab Sample ID: TT02001-005

Sample wt/vol: 5.41 (g/mL) gm Lab File ID: B1009019.D

Level: (LOW/MED) _____ Date Collected: 10/03/2007

% Moisture: not dec. 17.0 Date/Time Analyzed: 10/09/2007 12:45

GC Column: ZB-624 20m ID: 0.18 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____(uL) Soil Aliquot Volume: _____(uL)

Heated Purge: (Y/N) Y

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/kg	Q
1330-20-7	XYLENES, TOTAL	1.1	U
75-71-8	DICHLORODIFLUOROMETHANE	1.1	U
74-87-3	CHLOROMETHANE	1.1	U
75-01-4	VINYL CHLORIDE	1.1	U
74-83-9	BROMOMETHANE	1.1	U
75-00-3	CHLOROETHANE	10	
75-69-4	TRICHLOROFLUOROMETHANE	1.1	U
75-35-4	1,1-DICHLOROETHENE	1.1	U
76-13-1	1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	1.1	U
67-64-1	ACETONE	16	B
75-15-0	CARBON DISULFIDE	1.1	U
79-20-9	METHYL ACETATE	1.1	U
75-09-2	METHYLENE CHLORIDE	1.1	U
1634-04-4	METHYL TERT-BUTYL ETHER	1.1	U
156-60-5	TRANS-1,2-DICHLOROETHENE	1.1	U
75-34-3	1,1-DICHLOROETHANE	4.6	
156-59-2	CIS-1,2-DICHLOROETHENE	2.1	J
78-93-3	2-BUTANONE	1.1	U
67-66-3	CHLOROFORM	1.1	U
71-55-6	1,1,1-TRICHLOROETHANE	1.1	U
110-82-7	CYCLOHEXANE	1.1	U
56-23-5	CARBON TETRACHLORIDE	1.1	U
71-43-2	BENZENE	1.1	U
107-06-2	1,2-DICHLOROETHANE	1.1	U
79-01-6	TRICHLOROETHENE	2.0	J
108-87-2	METHYLCYCLOHEXANE	1.1	U
78-87-5	1,2-DICHLOROPROPANE	1.1	U
75-27-4	BROMODICHLOROMETHANE	1.1	U
10061-01-	CIS-1,3-DICHLOROPROPENE	1.1	U

VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

08SSW005

Lab Name: _____ Contract: _____

SDG No.: TT02001 Run Sequence: R022318

Matrix: (SOIL/SED/WATER) Soil Lab Sample ID: TT02001-005

Sample wt/vol: 5.41 (g/mL) gm Lab File ID: B1009019.D

Level: (LOW/MED) _____ Date Collected: 10/03/2007

% Moisture: not dec. 17.0 Date/Time Analyzed: 10/09/2007 12:45

GC Column: ZB-624 20m ID: 0.18 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____(uL) Soil Aliquot Volume: _____(uL)

Heated Purge: (Y/N) Y

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/kg	Q
108-10-1	4-METHYL-2-PENTANONE	1.1	U
108-88-3	TOLUENE	1.1	U
10061-02-	TRANS-1,3-DICHLOROPROPENE	1.1	U
79-00-5	1,1,2-TRICHLOROETHANE	1.1	U
127-18-4	TETRACHLOROETHENE	1.1	U
591-78-6	2-HEXANONE	1.1	U
124-48-1	DIBROMOCHLOROMETHANE	1.1	U
106-93-4	1,2-DIBROMOETHANE	1.1	U
108-90-7	CHLOROBENZENE	1.1	U
100-41-4	ETHYLBENZENE	1.1	U
179601-23	M,P-XYLENE	1.1	U
95-47-6	O-XYLENE	1.1	U
100-42-5	STYRENE	1.1	U
75-25-2	BROMOFORM	1.1	U
98-82-8	ISOPROPYLBENZENE	1.1	U
79-34-5	1,1,2,2-TETRACHLOROETHANE	1.1	U
541-73-1	1,3-DICHLOROBENZENE	1.1	U
106-46-7	1,4-DICHLOROBENZENE	1.1	U
95-50-1	1,2-DICHLOROBENZENE	1.1	U
96-12-8	1,2-DIBROMO-3-CHLOROPROPANE	1.1	U
120-82-1	1,2,4-TRICHLOROBENZENE	1.1	U

Comments:

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VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

08SSW006

Lab Name: _____ Contract: _____

SDG No.: TT02001 Run Sequence: R022318

Matrix: (SOIL/SED/WATER) Soil Lab Sample ID: TT02001-006

Sample wt/vol: 4.01 (g/mL) gm Lab File ID: B1009020.D

Level: (LOW/MED) _____ Date Collected: 10/03/2007

% Moisture: not dec. 18.0 Date/Time Analyzed: 10/09/2007 13:11

GC Column: ZB-624 20m ID: 0.18 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____(uL) Soil Aliquot Volume: _____(uL)

Heated Purge: (Y/N) Y

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/kg	Q
1330-20-7	XYLENES, TOTAL	1.5	U
75-71-8	DICHLORODIFLUOROMETHANE	1.5	U
74-87-3	CHLOROMETHANE	1.5	U
75-01-4	VINYL CHLORIDE	2.8	J
74-83-9	BROMOMETHANE	1.5	U
75-00-3	CHLOROETHANE	17	
75-69-4	TRICHLOROFLUOROMETHANE	1.5	U
75-35-4	1,1-DICHLOROETHENE	1.5	U
76-13-1	1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	1.5	U
67-64-1	ACETONE	1.5	U
75-15-0	CARBON DISULFIDE	1.5	U
79-20-9	METHYL ACETATE	1.5	U
75-09-2	METHYLENE CHLORIDE	29	B
1634-04-4	METHYL TERT-BUTYL ETHER	1.5	U
156-60-5	TRANS-1,2-DICHLOROETHENE	1.5	U
75-34-3	1,1-DICHLOROETHANE	8.2	
156-59-2	CIS-1,2-DICHLOROETHENE	21	
78-93-3	2-BUTANONE	1.5	U
67-66-3	CHLOROFORM	1.5	U
71-55-6	1,1,1-TRICHLOROETHANE	21	
110-82-7	CYCLOHEXANE	1.5	U
56-23-5	CARBON TETRACHLORIDE	1.5	U
71-43-2	BENZENE	1.5	U
107-06-2	1,2-DICHLOROETHANE	1.5	U
79-01-6	TRICHLOROETHENE	8.5	
108-87-2	METHYLCYCLOHEXANE	1.5	U
78-87-5	1,2-DICHLOROPROPANE	1.5	U
75-27-4	BROMODICHLOROMETHANE	1.5	U
10061-01-	CIS-1,3-DICHLOROPROPENE	1.5	U

VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

08SSW006

Lab Name: _____ Contract: _____

SDG No.: TT02001 Run Sequence: R022318

Matrix: (SOIL/SED/WATER) Soil Lab Sample ID: TT02001-006

Sample wt/vol: 4.01 (g/mL) gm Lab File ID: B1009020.D

Level: (LOW/MED) _____ Date Collected: 10/03/2007

% Moisture: not dec. 18.0 Date/Time Analyzed: 10/09/2007 13:11

GC Column: ZB-624 20m ID: 0.18 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____(uL) Soil Aliquot Volume: _____(uL)

Heated Purge: (Y/N) Y

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/kg	Q
108-10-1	4-METHYL-2-PENTANONE	1.5	U
108-88-3	TOLUENE	1.5	U
10061-02-	TRANS-1,3-DICHLOROPROPENE	1.5	U
79-00-5	1,1,2-TRICHLOROETHANE	1.5	U
127-18-4	TETRACHLOROETHENE	1.5	U
591-78-6	2-HEXANONE	1.5	U
124-48-1	DIBROMOCHLOROMETHANE	1.5	U
106-93-4	1,2-DIBROMOETHANE	1.5	U
108-90-7	CHLOROBENZENE	1.5	U
100-41-4	ETHYLBENZENE	1.5	U
179601-23	M,P-XYLENE	1.5	U
95-47-6	O-XYLENE	1.5	U
100-42-5	STYRENE	1.5	U
75-25-2	BROMOFORM	1.5	U
98-82-8	ISOPROPYLBENZENE	1.5	U
79-34-5	1,1,2,2-TETRACHLOROETHANE	1.5	U
541-73-1	1,3-DICHLOROBENZENE	1.5	U
106-46-7	1,4-DICHLOROBENZENE	1.5	U
95-50-1	1,2-DICHLOROBENZENE	1.5	U
96-12-8	1,2-DIBROMO-3-CHLOROPROPANE	1.5	U
120-82-1	1,2,4-TRICHLOROBENZENE	1.5	U

Comments:

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VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

08SSW006RE

Lab Name: _____ Contract: _____

SDG No.: TT02001 Run Sequence: R022374

Matrix: (SOIL/SED/WATER) Soil Lab Sample ID: TT02001-006RE

Sample wt/vol: 3.59 (g/mL) gm Lab File ID: B1010013.D

Level: (LOW/MED) _____ Date Collected: 10/03/2007

% Moisture: not dec. 18.0 Date/Time Analyzed: 10/10/2007 11:02

GC Column: ZB-624 20m ID: 0.18 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____(uL) Soil Aliquot Volume: _____(uL)

Heated Purge: (Y/N) Y

CAS NO.	COMPOUND	CONCENTRATION UNITS: ug/kg	Q
1330-20-7	XYLENES, TOTAL	1.7	U
75-71-8	DICHLORODIFLUOROMETHANE	1.7	U
74-87-3	CHLOROMETHANE	1.7	U
75-01-4	VINYL CHLORIDE	1.7	U
74-83-9	BROMOMETHANE	1.7	U
75-00-3	CHLOROETHANE	4.8	J
75-69-4	TRICHLOROFLUOROMETHANE	1.7	U
75-35-4	1,1-DICHLOROETHENE	1.7	U
76-13-1	1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	1.7	U
67-64-1	ACETONE	12	JB
75-15-0	CARBON DISULFIDE	1.7	U
79-20-9	METHYL ACETATE	1.7	U
75-09-2	METHYLENE CHLORIDE	24	B
1634-04-4	METHYL TERT-BUTYL ETHER	1.7	U
156-60-5	TRANS-1,2-DICHLOROETHENE	1.7	U
75-34-3	1,1-DICHLOROETHANE	8.2	
156-59-2	CIS-1,2-DICHLOROETHENE	13	
78-93-3	2-BUTANONE	1.7	U
67-66-3	CHLOROFORM	1.7	U
71-55-6	1,1,1-TRICHLOROETHANE	13	
110-82-7	CYCLOHEXANE	1.7	U
56-23-5	CARBON TETRACHLORIDE	1.7	U
71-43-2	BENZENE	1.7	U
107-06-2	1,2-DICHLOROETHANE	1.7	U
79-01-6	TRICHLOROETHENE	2.1	J
108-87-2	METHYLCYCLOHEXANE	1.7	U
78-87-5	1,2-DICHLOROPROPANE	1.7	U
75-27-4	BROMODICHLOROMETHANE	1.7	U
10061-01-	CIS-1,3-DICHLOROPROPENE	1.7	U

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VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

08SSW006RE

Lab Name: _____ Contract: _____

SDG No.: TT02001 Run Sequence: R022374

Matrix: (SOIL/SED/WATER) Soil Lab Sample ID: TT02001-006RE

Sample wt/vol: 3.59 (g/mL) gm Lab File ID: B1010013.D

Level: (LOW/MED) _____ Date Collected: 10/03/2007

% Moisture: not dec. 18.0 Date/Time Analyzed: 10/10/2007 11:02

GC Column: ZB-624 20m ID: 0.18 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____(uL) Soil Aliquot Volume: _____(uL)

Heated Purge: (Y/N) Y

CAS NO.	COMPOUND	CONCENTRATION UNITS: ug/kg	Q
108-10-1	4-METHYL-2-PENTANONE	1.7	U
108-88-3	TOLUENE	1.7	U
10061-02-	TRANS-1,3-DICHLOROPROPENE	1.7	U
79-00-5	1,1,2-TRICHLOROETHANE	1.7	U
127-18-4	TETRACHLOROETHENE	1.7	U
591-78-6	2-HEXANONE	1.7	U
124-48-1	DIBROMOCHLOROMETHANE	1.7	U
106-93-4	1,2-DIBROMOETHANE	1.7	U
108-90-7	CHLOROBENZENE	1.7	U
100-41-4	ETHYLBENZENE	1.7	U
179601-23	M,P-XYLENE	1.7	U
95-47-6	O-XYLENE	1.7	U
100-42-5	STYRENE	1.7	U
75-25-2	BROMOFORM	1.7	U
98-82-8	ISOPROPYLBENZENE	1.7	U
79-34-5	1,1,2,2-TETRACHLOROETHANE	1.7	U
541-73-1	1,3-DICHLOROBENZENE	1.7	U
106-46-7	1,4-DICHLOROBENZENE	1.7	U
95-50-1	1,2-DICHLOROBENZENE	1.7	U
96-12-8	1,2-DIBROMO-3-CHLOROPROPANE	1.7	U
120-82-1	1,2,4-TRICHLOROBENZENE	1.7	U

Comments:

VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

08SSW007

Lab Name: _____ Contract: _____

SDG No.: TT02001 Run Sequence: R022318

Matrix: (SOIL/SED/WATER) Soil Lab Sample ID: TT02001-007

Sample wt/vol: 5.16 (g/mL) gm Lab File ID: B1009021.D

Level: (LOW/MED) _____ Date Collected: 10/03/2007

% Moisture: not dec. 26.0 Date/Time Analyzed: 10/09/2007 13:38

GC Column: ZB-624 20m ID: 0.18 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____(uL) Soil Aliquot Volume: _____(uL)

Heated Purge: (Y/N) Y

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/kg	Q
1330-20-7	XYLENES, TOTAL	1.3	U
75-71-8	DICHLORODIFLUOROMETHANE	1.3	U
74-87-3	CHLOROMETHANE	1.3	U
75-01-4	VINYL CHLORIDE	1.3	U
74-83-9	BROMOMETHANE	1.3	U
75-00-3	CHLOROETHANE	1.3	U
75-69-4	TRICHLOROFLUOROMETHANE	1.3	U
75-35-4	1,1-DICHLOROETHENE	1.3	U
76-13-1	1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	1.3	U
67-64-1	ACETONE	4.6	JB
75-15-0	CARBON DISULFIDE	1.3	U
79-20-9	METHYL ACETATE	1.3	U
75-09-2	METHYLENE CHLORIDE	1.3	U
1634-04-4	METHYL TERT-BUTYL ETHER	1.3	U
156-60-5	TRANS-1,2-DICHLOROETHENE	1.3	U
75-34-3	1,1-DICHLOROETHANE	1.3	U
156-59-2	CIS-1,2-DICHLOROETHENE	5.0	
78-93-3	2-BUTANONE	1.3	U
67-66-3	CHLOROFORM	1.3	U
71-55-6	1,1,1-TRICHLOROETHANE	7.1	
110-82-7	CYCLOHEXANE	1.3	U
56-23-5	CARBON TETRACHLORIDE	1.3	U
71-43-2	BENZENE	1.3	U
107-06-2	1,2-DICHLOROETHANE	1.3	U
79-01-6	TRICHLOROETHENE	7.5	
108-87-2	METHYLCYCLOHEXANE	1.3	U
78-87-5	1,2-DICHLOROPROPANE	1.3	U
75-27-4	BROMODICHLOROMETHANE	1.3	U
10061-01-	CIS-1,3-DICHLOROPROPENE	1.3	U

VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

08SSW007

Lab Name: _____ Contract: _____

SDG No.: TT02001 Run Sequence: R022318

Matrix: (SOIL/SED/WATER) Soil Lab Sample ID: TT02001-007

Sample wt/vol: 5.16 (g/mL) gm Lab File ID: B1009021.D

Level: (LOW/MED) _____ Date Collected: 10/03/2007

% Moisture: not dec. 26.0 Date/Time Analyzed: 10/09/2007 13:38

GC Column: ZB-624 20m ID: 0.18 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____(uL) Soil Aliquot Volume: _____(uL)

Heated Purge: (Y/N) Y

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/kg	Q
108-10-1	4-METHYL-2-PENTANONE	1.3	U
108-88-3	TOLUENE	1.3	U
10061-02-	TRANS-1,3-DICHLOROPROPENE	1.3	U
79-00-5	1,1,2-TRICHLOROETHANE	1.3	U
127-18-4	TETRACHLOROETHENE	1.3	U
591-78-6	2-HEXANONE	1.3	U
124-48-1	DIBROMOCHLOROMETHANE	1.3	U
106-93-4	1,2-DIBROMOETHANE	1.3	U
108-90-7	CHLOROBENZENE	1.3	U
100-41-4	ETHYLBENZENE	1.3	U
179601-23	M,P-XYLENE	1.3	U
95-47-6	O-XYLENE	1.3	U
100-42-5	STYRENE	1.3	U
75-25-2	BROMOFORM	1.3	U
98-82-8	ISOPROPYLBENZENE	1.3	U
79-34-5	1,1,2,2-TETRACHLOROETHANE	1.3	U
541-73-1	1,3-DICHLOROBENZENE	1.3	U
106-46-7	1,4-DICHLOROBENZENE	1.3	U
95-50-1	1,2-DICHLOROBENZENE	1.3	U
96-12-8	1,2-DIBROMO-3-CHLOROPROPANE	1.3	U
120-82-1	1,2,4-TRICHLOROBENZENE	1.3	U

Comments:

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VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

08SSW008

Lab Name: _____ Contract: _____

SDG No.: TT02001 Run Sequence: R022318

Matrix: (SOIL/SED/WATER) Soil Lab Sample ID: TT02001-008

Sample wt/vol: 4.24 (g/mL) gm Lab File ID: B1009022.D

Level: (LOW/MED) _____ Date Collected: 10/03/2007

% Moisture: not dec. 20.0 Date/Time Analyzed: 10/09/2007 14:04

GC Column: ZB-624 20m ID: 0.18 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____(uL) Soil Aliquot Volume: _____(uL)

Heated Purge: (Y/N) Y

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/kg	Q
1330-20-7	XYLENES, TOTAL	1.5	U
75-71-8	DICHLORODIFLUOROMETHANE	1.5	U
74-87-3	CHLOROMETHANE	1.5	U
75-01-4	VINYL CHLORIDE	1.5	U
74-83-9	BROMOMETHANE	1.5	U
75-00-3	CHLOROETHANE	1.5	U
75-69-4	TRICHLOROFLUOROMETHANE	1.5	U
75-35-4	1,1-DICHLOROETHENE	1.5	U
76-13-1	1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	1.5	U
67-64-1	ACETONE	14	JB
75-15-0	CARBON DISULFIDE	1.5	U
79-20-9	METHYL ACETATE	1.5	U
75-09-2	METHYLENE CHLORIDE	4.4	B
1634-04-4	METHYL TERT-BUTYL ETHER	1.5	U
156-60-5	TRANS-1,2-DICHLOROETHENE	1.5	U
75-34-3	1,1-DICHLOROETHANE	1.5	U
156-59-2	CIS-1,2-DICHLOROETHENE	1.5	U
78-93-3	2-BUTANONE	1.5	U
67-66-3	CHLOROFORM	1.5	U
71-55-6	1,1,1-TRICHLOROETHANE	4.5	
110-82-7	CYCLOHEXANE	1.5	U
56-23-5	CARBON TETRACHLORIDE	1.5	U
71-43-2	BENZENE	1.5	U
107-06-2	1,2-DICHLOROETHANE	1.5	U
79-01-6	TRICHLOROETHENE	6.2	
108-87-2	METHYLCYCLOHEXANE	1.5	U
78-87-5	1,2-DICHLOROPROPANE	1.5	U
75-27-4	BROMODICHLOROMETHANE	1.5	U
10061-01-	CIS-1,3-DICHLOROPROPENE	1.5	U

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VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

08SSW008

Lab Name: _____ Contract: _____

SDG No.: TT02001 Run Sequence: R022318

Matrix: (SOIL/SED/WATER) Soil Lab Sample ID: TT02001-008

Sample wt/vol: 4.24 (g/mL) gm Lab File ID: B1009022.D

Level: (LOW/MED) _____ Date Collected: 10/03/2007

% Moisture: not dec. 20.0 Date/Time Analyzed: 10/09/2007 14:04

GC Column: ZB-624 20m ID: 0.18 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____(uL) Soil Aliquot Volume: _____(uL)

Heated Purge: (Y/N) Y

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/kg	Q
108-10-1	4-METHYL-2-PENTANONE	1.5	U
108-88-3	TOLUENE	1.5	U
10061-02-	TRANS-1,3-DICHLOROPROPENE	1.5	U
79-00-5	1,1,2-TRICHLOROETHANE	1.5	U
127-18-4	TETRACHLOROETHENE	1.5	U
591-78-6	2-HEXANONE	1.5	U
124-48-1	DIBROMOCHLOROMETHANE	1.5	U
106-93-4	1,2-DIBROMOETHANE	1.5	U
108-90-7	CHLOROBENZENE	1.5	U
100-41-4	ETHYLBENZENE	1.5	U
179601-23	M,P-XYLENE	1.5	U
95-47-6	O-XYLENE	1.5	U
100-42-5	STYRENE	1.5	U
75-25-2	BROMOFORM	1.5	U
98-82-8	ISOPROPYLBENZENE	1.5	U
79-34-5	1,1,2,2-TETRACHLOROETHANE	1.5	U
541-73-1	1,3-DICHLOROBENZENE	1.5	U
106-46-7	1,4-DICHLOROBENZENE	1.5	U
95-50-1	1,2-DICHLOROBENZENE	1.5	U
96-12-8	1,2-DIBROMO-3-CHLOROPROPANE	1.5	U
120-82-1	1,2,4-TRICHLOROBENZENE	1.5	U

Comments:

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VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

08SSW008RE

Lab Name: _____ Contract: _____

SDG No.: TT02001 Run Sequence: R022374

Matrix: (SOIL/SED/WATER) Soil Lab Sample ID: TT02001-008RE

Sample wt/vol: 5.60 (g/mL) gm Lab File ID: B1010014.D

Level: (LOW/MED) _____ Date Collected: 10/03/2007

% Moisture: not dec. 20.0 Date/Time Analyzed: 10/10/2007 11:28

GC Column: ZB-624 20m ID: 0.18 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____(uL) Soil Aliquot Volume: _____(uL)

Heated Purge: (Y/N) Y

CAS NO.	COMPOUND	CONCENTRATION UNITS: ug/kg	Q
1330-20-7	XYLENES, TOTAL	1.1	U
75-71-8	DICHLORODIFLUOROMETHANE	1.1	U
74-87-3	CHLOROMETHANE	1.1	U
75-01-4	VINYL CHLORIDE	1.1	U
74-83-9	BROMOMETHANE	1.1	U
75-00-3	CHLOROETHANE	1.1	U
75-69-4	TRICHLOROFLUOROMETHANE	1.1	U
75-35-4	1,1-DICHLOROETHENE	1.1	U
76-13-1	1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	1.1	U
67-64-1	ACETONE	5.8	JB
75-15-0	CARBON DISULFIDE	1.1	U
79-20-9	METHYL ACETATE	1.1	U
75-09-2	METHYLENE CHLORIDE	22	B
1634-04-4	METHYL TERT-BUTYL ETHER	1.1	U
156-60-5	TRANS-1,2-DICHLOROETHENE	1.1	U
75-34-3	1,1-DICHLOROETHANE	1.1	U
156-59-2	CIS-1,2-DICHLOROETHENE	1.3	J
78-93-3	2-BUTANONE	1.1	U
67-66-3	CHLOROFORM	1.1	U
71-55-6	1,1,1-TRICHLOROETHANE	2.8	J
110-82-7	CYCLOHEXANE	1.1	U
56-23-5	CARBON TETRACHLORIDE	1.1	U
71-43-2	BENZENE	1.1	U
107-06-2	1,2-DICHLOROETHANE	1.1	U
79-01-6	TRICHLOROETHENE	5.9	
108-87-2	METHYLCYCLOHEXANE	1.1	U
78-87-5	1,2-DICHLOROPROPANE	1.1	U
75-27-4	BROMODICHLOROMETHANE	1.1	U
10061-01-	CIS-1,3-DICHLOROPROPENE	1.1	U

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VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

08SSW008RE

Lab Name: _____ Contract: _____

SDG No.: TT02001 Run Sequence: R022374

Matrix: (SOIL/SED/WATER) Soil Lab Sample ID: TT02001-008RE

Sample wt/vol: 5.60 (g/mL) gm Lab File ID: B1010014.D

Level: (LOW/MED) _____ Date Collected: 10/03/2007

% Moisture: not dec. 20.0 Date/Time Analyzed: 10/10/2007 11:28

GC Column: ZB-624 20m ID: 0.18 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____(uL) Soil Aliquot Volume: _____(uL)

Heated Purge: (Y/N) Y

CAS NO.	COMPOUND	CONCENTRATION UNITS: ug/kg	Q
108-10-1	4-METHYL-2-PENTANONE	1.1	U
108-88-3	TOLUENE	1.1	U
10061-02-	TRANS-1,3-DICHLOROPROPENE	1.1	U
79-00-5	1,1,2-TRICHLOROETHANE	1.1	U
127-18-4	TETRACHLOROETHENE	1.1	U
591-78-6	2-HEXANONE	1.1	U
124-48-1	DIBROMOCHLOROMETHANE	1.1	U
106-93-4	1,2-DIBROMOETHANE	1.1	U
108-90-7	CHLOROBENZENE	1.1	U
100-41-4	ETHYLBENZENE	1.1	U
179601-23	M,P-XYLENE	1.1	U
95-47-6	O-XYLENE	1.1	U
100-42-5	STYRENE	1.1	U
75-25-2	BROMOFORM	1.1	U
98-82-8	ISOPROPYLBENZENE	1.1	U
79-34-5	1,1,2,2-TETRACHLOROETHANE	1.1	U
541-73-1	1,3-DICHLOROBENZENE	1.1	U
106-46-7	1,4-DICHLOROBENZENE	1.1	U
95-50-1	1,2-DICHLOROBENZENE	1.1	U
96-12-8	1,2-DIBROMO-3-CHLOROPROPANE	1.1	U
120-82-1	1,2,4-TRICHLOROBENZENE	1.1	U

Comments:

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VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

08SSW009

Lab Name: _____ Contract: _____

SDG No.: TT02001 Run Sequence: R022318

Matrix: (SOIL/SED/WATER) Soil Lab Sample ID: TT02001-009

Sample wt/vol: 6.08 (g/mL) gm Lab File ID: B1009023.D

Level: (LOW/MED) _____ Date Collected: 10/03/2007

% Moisture: not dec. 14.0 Date/Time Analyzed: 10/09/2007 14:31

GC Column: ZB-624 20m ID: 0.18 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____(uL) Soil Aliquot Volume: _____(uL)

Heated Purge: (Y/N) Y

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/kg	Q
1330-20-7	XYLENES, TOTAL	0.96	U
75-71-8	DICHLORODIFLUOROMETHANE	0.96	U
74-87-3	CHLOROMETHANE	0.96	U
75-01-4	VINYL CHLORIDE	0.96	U
74-83-9	BROMOMETHANE	0.96	U
75-00-3	CHLOROETHANE	0.96	U
75-69-4	TRICHLOROFLUOROMETHANE	0.96	U
75-35-4	1,1-DICHLOROETHENE	0.96	U
76-13-1	1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	0.96	U
67-64-1	ACETONE	11	B
75-15-0	CARBON DISULFIDE	0.96	U
79-20-9	METHYL ACETATE	0.96	U
75-09-2	METHYLENE CHLORIDE	0.96	U
1634-04-4	METHYL TERT-BUTYL ETHER	0.96	U
156-60-5	TRANS-1,2-DICHLOROETHENE	0.96	U
75-34-3	1,1-DICHLOROETHANE	11	
156-59-2	CIS-1,2-DICHLOROETHENE	87	
78-93-3	2-BUTANONE	0.96	U
67-66-3	CHLOROFORM	0.96	U
71-55-6	1,1,1-TRICHLOROETHANE	99	
110-82-7	CYCLOHEXANE	0.96	U
56-23-5	CARBON TETRACHLORIDE	0.96	U
71-43-2	BENZENE	0.96	U
107-06-2	1,2-DICHLOROETHANE	0.96	U
79-01-6	TRICHLOROETHENE	150	
108-87-2	METHYLCYCLOHEXANE	0.96	U
78-87-5	1,2-DICHLOROPROPANE	0.96	U
75-27-4	BROMODICHLOROMETHANE	0.96	U
10061-01-	CIS-1,3-DICHLOROPROPENE	0.96	U

VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

08SSW009

Lab Name: _____ Contract: _____

SDG No.: TT02001 Run Sequence: R022318

Matrix: (SOIL/SED/WATER) Soil Lab Sample ID: TT02001-009

Sample wt/vol: 6.08 (g/mL) gm Lab File ID: B1009023.D

Level: (LOW/MED) _____ Date Collected: 10/03/2007

% Moisture: not dec. 14.0 Date/Time Analyzed: 10/09/2007 14:31

GC Column: ZB-624 20m ID: 0.18 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____(uL) Soil Aliquot Volume: _____(uL)

Heated Purge: (Y/N) Y

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/kg	Q
108-10-1	4-METHYL-2-PENTANONE	0.96	U
108-88-3	TOLUENE	0.96	U
10061-02-	TRANS-1,3-DICHLOROPROPENE	0.96	U
79-00-5	1,1,2-TRICHLOROETHANE	0.96	U
127-18-4	TETRACHLOROETHENE	0.96	U
591-78-6	2-HEXANONE	0.96	U
124-48-1	DIBROMOCHLOROMETHANE	0.96	U
106-93-4	1,2-DIBROMOETHANE	0.96	U
108-90-7	CHLOROBENZENE	0.96	U
100-41-4	ETHYLBENZENE	0.96	U
179601-23	M,P-XYLENE	0.96	U
95-47-6	O-XYLENE	0.96	U
100-42-5	STYRENE	0.96	U
75-25-2	BROMOFORM	0.96	U
98-82-8	ISOPROPYLBENZENE	0.96	U
79-34-5	1,1,2,2-TETRACHLOROETHANE	0.96	U
541-73-1	1,3-DICHLOROBENZENE	0.96	U
106-46-7	1,4-DICHLOROBENZENE	0.96	U
95-50-1	1,2-DICHLOROBENZENE	0.96	U
96-12-8	1,2-DIBROMO-3-CHLOROPROPANE	0.96	U
120-82-1	1,2,4-TRICHLOROBENZENE	0.96	U

Comments:

VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

08SSW010

Lab Name: _____ Contract: _____

SDG No.: TT02001 Run Sequence: R022318

Matrix: (SOIL/SED/WATER) Soil Lab Sample ID: TT02001-010

Sample wt/vol: 5.60 (g/mL) gm Lab File ID: B1009024.D

Level: (LOW/MED) _____ Date Collected: 10/03/2007

% Moisture: not dec. 13.0 Date/Time Analyzed: 10/09/2007 14:57

GC Column: ZB-624 20m ID: 0.18 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____(uL) Soil Aliquot Volume: _____(uL)

Heated Purge: (Y/N) Y

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/kg	Q
1330-20-7	XYLENES, TOTAL	1.0	U
75-71-8	DICHLORODIFLUOROMETHANE	1.0	U
74-87-3	CHLOROMETHANE	1.0	U
75-01-4	VINYL CHLORIDE	1.0	U
74-83-9	BROMOMETHANE	1.0	U
75-00-3	CHLOROETHANE	1.0	U
75-69-4	TRICHLOROFLUOROMETHANE	1.0	U
75-35-4	1,1-DICHLOROETHENE	1.0	U
76-13-1	1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	1.0	U
67-64-1	ACETONE	5.7	JB
75-15-0	CARBON DISULFIDE	1.0	U
79-20-9	METHYL ACETATE	1.0	U
75-09-2	METHYLENE CHLORIDE	1.0	U
1634-04-4	METHYL TERT-BUTYL ETHER	1.0	U
156-60-5	TRANS-1,2-DICHLOROETHENE	1.0	U
75-34-3	1,1-DICHLOROETHANE	1.0	U
156-59-2	CIS-1,2-DICHLOROETHENE	1.0	U
78-93-3	2-BUTANONE	1.0	U
67-66-3	CHLOROFORM	1.0	U
71-55-6	1,1,1-TRICHLOROETHANE	1.7	J
110-82-7	CYCLOHEXANE	1.0	U
56-23-5	CARBON TETRACHLORIDE	1.0	U
71-43-2	BENZENE	1.0	U
107-06-2	1,2-DICHLOROETHANE	1.0	U
79-01-6	TRICHLOROETHENE	1.0	U
108-87-2	METHYLCYCLOHEXANE	1.0	U
78-87-5	1,2-DICHLOROPROPANE	1.0	U
75-27-4	BROMODICHLOROMETHANE	1.0	U
10061-01-	CIS-1,3-DICHLOROPROPENE	1.0	U

VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

08SSW010

Lab Name: _____ Contract: _____

SDG No.: TT02001 Run Sequence: R022318

Matrix: (SOIL/SED/WATER) Soil Lab Sample ID: TT02001-010

Sample wt/vol: 5.60 (g/mL) gm Lab File ID: B1009024.D

Level: (LOW/MED) _____ Date Collected: 10/03/2007

% Moisture: not dec. 13.0 Date/Time Analyzed: 10/09/2007 14:57

GC Column: ZB-624 20m ID: 0.18 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____(uL) Soil Aliquot Volume: _____(uL)

Heated Purge: (Y/N) Y

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/kg	Q
108-10-1	4-METHYL-2-PENTANONE	1.0	U
108-88-3	TOLUENE	1.0	U
10061-02-	TRANS-1,3-DICHLOROPROPENE	1.0	U
79-00-5	1,1,2-TRICHLOROETHANE	1.0	U
127-18-4	TETRACHLOROETHENE	1.0	U
591-78-6	2-HEXANONE	1.0	U
124-48-1	DIBROMOCHLOROMETHANE	1.0	U
106-93-4	1,2-DIBROMOETHANE	1.0	U
108-90-7	CHLOROBENZENE	1.0	U
100-41-4	ETHYLBENZENE	1.0	U
179601-23	M,P-XYLENE	1.0	U
95-47-6	O-XYLENE	1.0	U
100-42-5	STYRENE	1.0	U
75-25-2	BROMOFORM	1.0	U
98-82-8	ISOPROPYLBENZENE	1.0	U
79-34-5	1,1,2,2-TETRACHLOROETHANE	1.0	U
541-73-1	1,3-DICHLOROBENZENE	1.0	U
106-46-7	1,4-DICHLOROBENZENE	1.0	U
95-50-1	1,2-DICHLOROBENZENE	1.0	U
96-12-8	1,2-DIBROMO-3-CHLOROPROPANE	1.0	U
120-82-1	1,2,4-TRICHLOROBENZENE	1.0	U

Comments:

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VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

08SSW011

Lab Name: _____ Contract: _____

SDG No.: TT02001 Run Sequence: R022318

Matrix: (SOIL/SED/WATER) Soil Lab Sample ID: TT02001-011

Sample wt/vol: 5.66 (g/mL) gm Lab File ID: B1009025.D

Level: (LOW/MED) _____ Date Collected: 10/03/2007

% Moisture: not dec. 15.0 Date/Time Analyzed: 10/09/2007 15:23

GC Column: ZB-624 20m ID: 0.18 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____(uL) Soil Aliquot Volume: _____(uL)

Heated Purge: (Y/N) Y

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/kg	Q
1330-20-7	XYLENES, TOTAL	1.0	U
75-71-8	DICHLORODIFLUOROMETHANE	1.0	U
74-87-3	CHLOROMETHANE	1.0	U
75-01-4	VINYL CHLORIDE	1.0	U
74-83-9	BROMOMETHANE	1.0	U
75-00-3	CHLOROETHANE	1.0	U
75-69-4	TRICHLOROFLUOROMETHANE	1.0	U
75-35-4	1,1-DICHLOROETHENE	1.0	U
76-13-1	1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	1.0	U
67-64-1	ACETONE	5.7	JB
75-15-0	CARBON DISULFIDE	1.0	U
79-20-9	METHYL ACETATE	1.0	U
75-09-2	METHYLENE CHLORIDE	1.0	U
1634-04-4	METHYL TERT-BUTYL ETHER	1.0	U
156-60-5	TRANS-1,2-DICHLOROETHENE	1.0	U
75-34-3	1,1-DICHLOROETHANE	9.2	
156-59-2	CIS-1,2-DICHLOROETHENE	74	
78-93-3	2-BUTANONE	1.0	U
67-66-3	CHLOROFORM	1.0	U
71-55-6	1,1,1-TRICHLOROETHANE	93	
110-82-7	CYCLOHEXANE	1.0	U
56-23-5	CARBON TETRACHLORIDE	1.0	U
71-43-2	BENZENE	1.0	U
107-06-2	1,2-DICHLOROETHANE	1.0	U
79-01-6	TRICHLOROETHENE	28	
108-87-2	METHYLCYCLOHEXANE	1.0	U
78-87-5	1,2-DICHLOROPROPANE	1.0	U
75-27-4	BROMODICHLOROMETHANE	1.0	U
10061-01-	CIS-1,3-DICHLOROPROPENE	1.0	U

VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

08SSW011

Lab Name: _____ Contract: _____

SDG No.: TT02001 Run Sequence: R022318

Matrix: (SOIL/SED/WATER) Soil Lab Sample ID: TT02001-011

Sample wt/vol: 5.66 (g/mL) gm Lab File ID: B1009025.D

Level: (LOW/MED) _____ Date Collected: 10/03/2007

% Moisture: not dec. 15.0 Date/Time Analyzed: 10/09/2007 15:23

GC Column: ZB-624 20m ID: 0.18 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____(uL) Soil Aliquot Volume: _____(uL)

Heated Purge: (Y/N) Y

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/kg	Q
108-10-1	4-METHYL-2-PENTANONE	1.0	U
108-88-3	TOLUENE	1.0	U
10061-02-	TRANS-1,3-DICHLOROPROPENE	1.0	U
79-00-5	1,1,2-TRICHLOROETHANE	1.0	U
127-18-4	TETRACHLOROETHENE	1.0	U
591-78-6	2-HEXANONE	1.0	U
124-48-1	DIBROMOCHLOROMETHANE	1.0	U
106-93-4	1,2-DIBROMOETHANE	1.0	U
108-90-7	CHLOROBENZENE	1.0	U
100-41-4	ETHYLBENZENE	1.0	U
179601-23	M,P-XYLENE	1.0	U
95-47-6	O-XYLENE	1.0	U
100-42-5	STYRENE	1.0	U
75-25-2	BROMOFORM	1.0	U
98-82-8	ISOPROPYLBENZENE	1.0	U
79-34-5	1,1,2,2-TETRACHLOROETHANE	1.0	U
541-73-1	1,3-DICHLOROBENZENE	1.0	U
106-46-7	1,4-DICHLOROBENZENE	1.0	U
95-50-1	1,2-DICHLOROBENZENE	1.0	U
96-12-8	1,2-DIBROMO-3-CHLOROPROPANE	1.0	U
120-82-1	1,2,4-TRICHLOROBENZENE	1.0	U

Comments:

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VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

08SSW012

Lab Name: _____ Contract: _____

SDG No.: TT02001 Run Sequence: R022318

Matrix: (SOIL/SED/WATER) Soil Lab Sample ID: TT02001-012

Sample wt/vol: 5.79 (g/mL) gm Lab File ID: B1009026.D

Level: (LOW/MED) _____ Date Collected: 10/03/2007

% Moisture: not dec. 18.0 Date/Time Analyzed: 10/09/2007 15:49

GC Column: ZB-624 20m ID: 0.18 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____(uL) Soil Aliquot Volume: _____(uL)

Heated Purge: (Y/N) Y

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/kg	Q
1330-20-7	XYLENES, TOTAL	1.1	U
75-71-8	DICHLORODIFLUOROMETHANE	1.1	U
74-87-3	CHLOROMETHANE	1.1	U
75-01-4	VINYL CHLORIDE	1.1	U
74-83-9	BROMOMETHANE	1.1	U
75-00-3	CHLOROETHANE	1.1	U
75-69-4	TRICHLOROFLUOROMETHANE	1.1	U
75-35-4	1,1-DICHLOROETHENE	1.1	U
76-13-1	1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	1.1	U
67-64-1	ACETONE	7.8	JB
75-15-0	CARBON DISULFIDE	1.1	U
79-20-9	METHYL ACETATE	1.1	U
75-09-2	METHYLENE CHLORIDE	1.1	U
1634-04-4	METHYL TERT-BUTYL ETHER	1.1	U
156-60-5	TRANS-1,2-DICHLOROETHENE	1.1	U
75-34-3	1,1-DICHLOROETHANE	2.1	J
156-59-2	CIS-1,2-DICHLOROETHENE	10	
78-93-3	2-BUTANONE	1.1	U
67-66-3	CHLOROFORM	1.1	U
71-55-6	1,1,1-TRICHLOROETHANE	22	
110-82-7	CYCLOHEXANE	1.1	U
56-23-5	CARBON TETRACHLORIDE	1.1	U
71-43-2	BENZENE	1.1	U
107-06-2	1,2-DICHLOROETHANE	1.1	U
79-01-6	TRICHLOROETHENE	6.4	
108-87-2	METHYLCYCLOHEXANE	1.1	U
78-87-5	1,2-DICHLOROPROPANE	1.1	U
75-27-4	BROMODICHLOROMETHANE	1.1	U
10061-01-	CIS-1,3-DICHLOROPROPENE	1.1	U

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VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

08SSW012

Lab Name: _____ Contract: _____

SDG No.: TT02001 Run Sequence: R022318

Matrix: (SOIL/SED/WATER) Soil Lab Sample ID: TT02001-012

Sample wt/vol: 5.79 (g/mL) gm Lab File ID: B1009026.D

Level: (LOW/MED) _____ Date Collected: 10/03/2007

% Moisture: not dec. 18.0 Date/Time Analyzed: 10/09/2007 15:49

GC Column: ZB-624 20m ID: 0.18 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____(uL) Soil Aliquot Volume: _____(uL)

Heated Purge: (Y/N) Y

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/kg	Q
108-10-1	4-METHYL-2-PENTANONE	1.1	U
108-88-3	TOLUENE	1.1	U
10061-02-	TRANS-1,3-DICHLOROPROPENE	1.1	U
79-00-5	1,1,2-TRICHLOROETHANE	1.1	U
127-18-4	TETRACHLOROETHENE	1.1	U
591-78-6	2-HEXANONE	1.1	U
124-48-1	DIBROMOCHLOROMETHANE	1.1	U
106-93-4	1,2-DIBROMOETHANE	1.1	U
108-90-7	CHLOROBENZENE	1.1	U
100-41-4	ETHYLBENZENE	1.1	U
179601-23	M,P-XYLENE	1.1	U
95-47-6	O-XYLENE	1.1	U
100-42-5	STYRENE	1.1	U
75-25-2	BROMOFORM	1.1	U
98-82-8	ISOPROPYLBENZENE	1.1	U
79-34-5	1,1,2,2-TETRACHLOROETHANE	1.1	U
541-73-1	1,3-DICHLOROBENZENE	1.1	U
106-46-7	1,4-DICHLOROBENZENE	1.1	U
95-50-1	1,2-DICHLOROBENZENE	1.1	U
96-12-8	1,2-DIBROMO-3-CHLOROPROPANE	1.1	U
120-82-1	1,2,4-TRICHLOROBENZENE	1.1	U

Comments:

VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

08SSW013

Lab Name: _____ Contract: _____

SDG No.: TT02001 Run Sequence: R022318

Matrix: (SOIL/SED/WATER) Soil Lab Sample ID: TT02001-013

Sample wt/vol: 5.45 (g/mL) gm Lab File ID: B1009027.D

Level: (LOW/MED) _____ Date Collected: 10/03/2007

% Moisture: not dec. 21.0 Date/Time Analyzed: 10/09/2007 16:16

GC Column: ZB-624 20m ID: 0.18 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____(uL) Soil Aliquot Volume: _____(uL)

Heated Purge: (Y/N) Y

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/kg	Q
1330-20-7	XYLENES, TOTAL	1.2	U
75-71-8	DICHLORODIFLUOROMETHANE	1.2	U
74-87-3	CHLOROMETHANE	1.2	U
75-01-4	VINYL CHLORIDE	1.2	U
74-83-9	BROMOMETHANE	1.2	U
75-00-3	CHLOROETHANE	4.4	
75-69-4	TRICHLOROFLUOROMETHANE	1.2	U
75-35-4	1,1-DICHLOROETHENE	1.2	U
76-13-1	1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	1.2	U
67-64-1	ACETONE	14	B
75-15-0	CARBON DISULFIDE	1.2	U
79-20-9	METHYL ACETATE	1.2	U
75-09-2	METHYLENE CHLORIDE	3.1	JB
1634-04-4	METHYL TERT-BUTYL ETHER	1.2	U
156-60-5	TRANS-1,2-DICHLOROETHENE	1.2	U
75-34-3	1,1-DICHLOROETHANE	34	
156-59-2	CIS-1,2-DICHLOROETHENE	180	
78-93-3	2-BUTANONE	1.2	U
67-66-3	CHLOROFORM	1.2	U
71-55-6	1,1,1-TRICHLOROETHANE	64	
110-82-7	CYCLOHEXANE	1.2	U
56-23-5	CARBON TETRACHLORIDE	1.2	U
71-43-2	BENZENE	1.2	U
107-06-2	1,2-DICHLOROETHANE	1.2	U
79-01-6	TRICHLOROETHENE	2.6	J
108-87-2	METHYLCYCLOHEXANE	1.2	U
78-87-5	1,2-DICHLOROPROPANE	1.2	U
75-27-4	BROMODICHLOROMETHANE	1.2	U
10061-01-	CIS-1,3-DICHLOROPROPENE	1.2	U

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VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

08SSW013

Lab Name: _____ Contract: _____

SDG No.: TT02001 Run Sequence: R022318

Matrix: (SOIL/SED/WATER) Soil Lab Sample ID: TT02001-013

Sample wt/vol: 5.45 (g/mL) gm Lab File ID: B1009027.D

Level: (LOW/MED) _____ Date Collected: 10/03/2007

% Moisture: not dec. 21.0 Date/Time Analyzed: 10/09/2007 16:16

GC Column: ZB-624 20m ID: 0.18 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____(uL) Soil Aliquot Volume: _____(uL)

Heated Purge: (Y/N) Y

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/kg	Q
108-10-1	4-METHYL-2-PENTANONE	1.2	U
108-88-3	TOLUENE	1.2	U
10061-02-	TRANS-1,3-DICHLOROPROPENE	1.2	U
79-00-5	1,1,2-TRICHLOROETHANE	1.2	U
127-18-4	TETRACHLOROETHENE	1.2	U
591-78-6	2-HEXANONE	1.2	U
124-48-1	DIBROMOCHLOROMETHANE	1.2	U
106-93-4	1,2-DIBROMOETHANE	1.2	U
108-90-7	CHLOROBENZENE	1.2	U
100-41-4	ETHYLBENZENE	1.2	U
179601-23	M,P-XYLENE	1.2	U
95-47-6	O-XYLENE	1.2	U
100-42-5	STYRENE	1.2	U
75-25-2	BROMOFORM	1.2	U
98-82-8	ISOPROPYLBENZENE	1.2	U
79-34-5	1,1,2,2-TETRACHLOROETHANE	1.2	U
541-73-1	1,3-DICHLOROBENZENE	1.2	U
106-46-7	1,4-DICHLOROBENZENE	1.2	U
95-50-1	1,2-DICHLOROBENZENE	1.2	U
96-12-8	1,2-DIBROMO-3-CHLOROPROPANE	1.2	U
120-82-1	1,2,4-TRICHLOROBENZENE	1.2	U

Comments:

VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

08SSW013RE

Lab Name: _____ Contract: _____

SDG No.: TT02001 Run Sequence: R022374

Matrix: (SOIL/SED/WATER) Soil Lab Sample ID: TT02001-013RE

Sample wt/vol: 5.97 (g/mL) gm Lab File ID: B1010015.D

Level: (LOW/MED) _____ Date Collected: 10/03/2007

% Moisture: not dec. 21.0 Date/Time Analyzed: 10/10/2007 11:54

GC Column: ZB-624 20m ID: 0.18 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____(uL) Soil Aliquot Volume: _____(uL)

Heated Purge: (Y/N) Y

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/kg	Q
1330-20-7	XYLENES, TOTAL	1.1	U
75-71-8	DICHLORODIFLUOROMETHANE	1.1	U
74-87-3	CHLOROMETHANE	1.1	U
75-01-4	VINYL CHLORIDE	1.1	U
74-83-9	BROMOMETHANE	1.1	U
75-00-3	CHLOROETHANE	1.1	U
75-69-4	TRICHLOROFLUOROMETHANE	1.1	U
75-35-4	1,1-DICHLOROETHENE	1.1	U
76-13-1	1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	1.1	U
67-64-1	ACETONE	7.8	JB
75-15-0	CARBON DISULFIDE	1.1	U
79-20-9	METHYL ACETATE	1.1	U
75-09-2	METHYLENE CHLORIDE	14	B
1634-04-4	METHYL TERT-BUTYL ETHER	1.1	U
156-60-5	TRANS-1,2-DICHLOROETHENE	1.1	U
75-34-3	1,1-DICHLOROETHANE	23	
156-59-2	CIS-1,2-DICHLOROETHENE	140	
78-93-3	2-BUTANONE	1.1	U
67-66-3	CHLOROFORM	1.1	U
71-55-6	1,1,1-TRICHLOROETHANE	47	
110-82-7	CYCLOHEXANE	1.1	U
56-23-5	CARBON TETRACHLORIDE	1.1	U
71-43-2	BENZENE	1.1	U
107-06-2	1,2-DICHLOROETHANE	1.1	U
79-01-6	TRICHLOROETHENE	1.5	J
108-87-2	METHYLCYCLOHEXANE	1.1	U
78-87-5	1,2-DICHLOROPROPANE	1.1	U
75-27-4	BROMODICHLOROMETHANE	1.1	U
10061-01-	CIS-1,3-DICHLOROPROPENE	1.1	U

VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

08SSW013RE

Lab Name: _____ Contract: _____

SDG No.: TT02001 Run Sequence: R022374

Matrix: (SOIL/SED/WATER) Soil Lab Sample ID: TT02001-013RE

Sample wt/vol: 5.97 (g/mL) gm Lab File ID: B1010015.D

Level: (LOW/MED) _____ Date Collected: 10/03/2007

% Moisture: not dec. 21.0 Date/Time Analyzed: 10/10/2007 11:54

GC Column: ZB-624 20m ID: 0.18 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____(uL) Soil Aliquot Volume: _____(uL)

Heated Purge: (Y/N) Y

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/kg	Q
108-10-1	4-METHYL-2-PENTANONE	1.1	U
108-88-3	TOLUENE	1.1	U
10061-02-	TRANS-1,3-DICHLOROPROPENE	1.1	U
79-00-5	1,1,2-TRICHLOROETHANE	1.1	U
127-18-4	TETRACHLOROETHENE	1.1	U
591-78-6	2-HEXANONE	1.1	U
124-48-1	DIBROMOCHLOROMETHANE	1.1	U
106-93-4	1,2-DIBROMOETHANE	1.1	U
108-90-7	CHLOROBENZENE	1.1	U
100-41-4	ETHYLBENZENE	1.1	U
179601-23	M,P-XYLENE	1.1	U
95-47-6	O-XYLENE	1.1	U
100-42-5	STYRENE	1.1	U
75-25-2	BROMOFORM	1.1	U
98-82-8	ISOPROPYLBENZENE	1.1	U
79-34-5	1,1,2,2-TETRACHLOROETHANE	1.1	U
541-73-1	1,3-DICHLOROBENZENE	1.1	U
106-46-7	1,4-DICHLOROBENZENE	1.1	U
95-50-1	1,2-DICHLOROBENZENE	1.1	U
96-12-8	1,2-DIBROMO-3-CHLOROPROPANE	1.1	U
120-82-1	1,2,4-TRICHLOROBENZENE	1.1	U

Comments:

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VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

08FD10030701

Lab Name: _____ Contract: _____

SDG No.: TT02001 Run Sequence: R022318

Matrix: (SOIL/SED/WATER) Soil Lab Sample ID: TT02001-014

Sample wt/vol: 5.08 (g/mL) gm Lab File ID: B1009028.D

Level: (LOW/MED) _____ Date Collected: 10/03/2007

% Moisture: not dec. 20.0 Date/Time Analyzed: 10/09/2007 16:42

GC Column: ZB-624 20m ID: 0.18 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____(uL) Soil Aliquot Volume: _____(uL)

Heated Purge: (Y/N) Y

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/kg	Q
1330-20-7	XYLENES, TOTAL	1.2	U
75-71-8	DICHLORODIFLUOROMETHANE	1.2	U
74-87-3	CHLOROMETHANE	1.2	U
75-01-4	VINYL CHLORIDE	1.2	U
74-83-9	BROMOMETHANE	1.2	U
75-00-3	CHLOROETHANE	12	
75-69-4	TRICHLOROFLUOROMETHANE	1.2	U
75-35-4	1,1-DICHLOROETHENE	2.0	J
76-13-1	1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	1.2	U
67-64-1	ACETONE	4.5	JB
75-15-0	CARBON DISULFIDE	1.2	U
79-20-9	METHYL ACETATE	1.2	U
75-09-2	METHYLENE CHLORIDE	1.2	U
1634-04-4	METHYL TERT-BUTYL ETHER	1.2	U
156-60-5	TRANS-1,2-DICHLOROETHENE	1.2	U
75-34-3	1,1-DICHLOROETHANE	87	
156-59-2	CIS-1,2-DICHLOROETHENE	250	E
78-93-3	2-BUTANONE	1.2	U
67-66-3	CHLOROFORM	1.2	U
71-55-6	1,1,1-TRICHLOROETHANE	340	E
110-82-7	CYCLOHEXANE	1.2	U
56-23-5	CARBON TETRACHLORIDE	1.2	U
71-43-2	BENZENE	1.2	U
107-06-2	1,2-DICHLOROETHANE	1.2	U
79-01-6	TRICHLOROETHENE	5.1	
108-87-2	METHYLCYCLOHEXANE	1.2	U
78-87-5	1,2-DICHLOROPROPANE	1.2	U
75-27-4	BROMODICHLOROMETHANE	1.2	U
10061-01-	CIS-1,3-DICHLOROPROPENE	1.2	U

VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

08FD10030701

Lab Name: _____ Contract: _____

SDG No.: TT02001 Run Sequence: R022318

Matrix: (SOIL/SED/WATER) Soil Lab Sample ID: TT02001-014

Sample wt/vol: 5.08 (g/mL) gm Lab File ID: B1009028.D

Level: (LOW/MED) _____ Date Collected: 10/03/2007

% Moisture: not dec. 20.0 Date/Time Analyzed: 10/09/2007 16:42

GC Column: ZB-624 20m ID: 0.18 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____(uL) Soil Aliquot Volume: _____(uL)

Heated Purge: (Y/N) Y

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/kg	Q
108-10-1	4-METHYL-2-PENTANONE	1.2	U
108-88-3	TOLUENE	4.9	
10061-02-	TRANS-1,3-DICHLOROPROPENE	1.2	U
79-00-5	1,1,2-TRICHLOROETHANE	1.2	U
127-18-4	TETRACHLOROETHENE	1.2	U
591-78-6	2-HEXANONE	1.2	U
124-48-1	DIBROMOCHLOROMETHANE	1.2	U
106-93-4	1,2-DIBROMOETHANE	1.2	U
108-90-7	CHLOROBENZENE	1.2	U
100-41-4	ETHYLBENZENE	1.2	U
179601-23	M,P-XYLENE	1.2	U
95-47-6	O-XYLENE	1.2	U
100-42-5	STYRENE	1.2	U
75-25-2	BROMOFORM	1.2	U
98-82-8	ISOPROPYLBENZENE	1.2	U
79-34-5	1,1,2,2-TETRACHLOROETHANE	1.2	U
541-73-1	1,3-DICHLOROBENZENE	1.2	U
106-46-7	1,4-DICHLOROBENZENE	1.2	U
95-50-1	1,2-DICHLOROBENZENE	1.2	U
96-12-8	1,2-DIBROMO-3-CHLOROPROPANE	1.2	U
120-82-1	1,2,4-TRICHLOROBENZENE	1.2	U

Comments:

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VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

08FD10030701DL

Lab Name: _____ Contract: _____

SDG No.: TT02001 Run Sequence: R022374

Matrix: (SOIL/SED/WATER) Soil Lab Sample ID: TT02001-014DL

Sample wt/vol: 0.95 (g/mL) gm Lab File ID: B1010017.D

Level: (LOW/MED) _____ Date Collected: 10/03/2007

% Moisture: not dec. 20.0 Date/Time Analyzed: 10/10/2007 12:46

GC Column: ZB-624 20m ID: 0.18 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____(uL) Soil Aliquot Volume: _____(uL)

Heated Purge: (Y/N) Y

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/kg	Q
1330-20-7	XYLENES, TOTAL	6.6	U
75-71-8	DICHLORODIFLUOROMETHANE	6.6	U
74-87-3	CHLOROMETHANE	6.6	U
75-01-4	VINYL CHLORIDE	6.6	U
74-83-9	BROMOMETHANE	6.6	U
75-00-3	CHLOROETHANE	6.6	U
75-69-4	TRICHLOROFLUOROMETHANE	6.6	U
75-35-4	1,1-DICHLOROETHENE	6.6	U
76-13-1	1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	6.6	U
67-64-1	ACETONE	25	JB
75-15-0	CARBON DISULFIDE	6.6	U
79-20-9	METHYL ACETATE	6.6	U
75-09-2	METHYLENE CHLORIDE	35	B
1634-04-4	METHYL TERT-BUTYL ETHER	6.6	U
156-60-5	TRANS-1,2-DICHLOROETHENE	6.6	U
75-34-3	1,1-DICHLOROETHANE	6.6	U
156-59-2	CIS-1,2-DICHLOROETHENE	6.6	U
78-93-3	2-BUTANONE	6.6	U
67-66-3	CHLOROFORM	6.6	U
71-55-6	1,1,1-TRICHLOROETHANE	11	J
110-82-7	CYCLOHEXANE	6.6	U
56-23-5	CARBON TETRACHLORIDE	6.6	U
71-43-2	BENZENE	6.6	U
107-06-2	1,2-DICHLOROETHANE	6.6	U
79-01-6	TRICHLOROETHENE	6.6	U
108-87-2	METHYLCYCLOHEXANE	6.6	U
78-87-5	1,2-DICHLOROPROPANE	6.6	U
75-27-4	BROMODICHLOROMETHANE	6.6	U
10061-01-	CIS-1,3-DICHLOROPROPENE	6.6	U

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VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

08FD10030701DL

Lab Name: _____ Contract: _____

SDG No.: TT02001 Run Sequence: R022374

Matrix: (SOIL/SED/WATER) Soil Lab Sample ID: TT02001-014DL

Sample wt/vol: 0.95 (g/mL) gm Lab File ID: B1010017.D

Level: (LOW/MED) _____ Date Collected: 10/03/2007

% Moisture: not dec. 20.0 Date/Time Analyzed: 10/10/2007 12:46

GC Column: ZB-624 20m ID: 0.18 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____(uL) Soil Aliquot Volume: _____(uL)

Heated Purge: (Y/N) Y

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/kg	Q
108-10-1	4-METHYL-2-PENTANONE	6.6	U
108-88-3	TOLUENE	6.6	U
10061-02-	TRANS-1,3-DICHLOROPROPENE	6.6	U
79-00-5	1,1,2-TRICHLOROETHANE	6.6	U
127-18-4	TETRACHLOROETHENE	6.6	U
591-78-6	2-HEXANONE	6.6	U
124-48-1	DIBROMOCHLOROMETHANE	6.6	U
106-93-4	1,2-DIBROMOETHANE	6.6	U
108-90-7	CHLOROBENZENE	6.6	U
100-41-4	ETHYLBENZENE	6.6	U
179601-23	M,P-XYLENE	6.6	U
95-47-6	O-XYLENE	6.6	U
100-42-5	STYRENE	6.6	U
75-25-2	BROMOFORM	6.6	U
98-82-8	ISOPROPYLBENZENE	6.6	U
79-34-5	1,1,2,2-TETRACHLOROETHANE	6.6	U
541-73-1	1,3-DICHLOROBENZENE	6.6	U
106-46-7	1,4-DICHLOROBENZENE	6.6	U
95-50-1	1,2-DICHLOROBENZENE	6.6	U
96-12-8	1,2-DIBROMO-3-CHLOROPROPANE	6.6	U
120-82-1	1,2,4-TRICHLOROBENZENE	6.6	U

Comments:

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VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

08FD10030701DL2

Lab Name: _____ Contract: _____

SDG No.: TT02001 Run Sequence: R022490

Matrix: (SOIL/SED/WATER) Soil Lab Sample ID: TT02001-014DL2

Sample wt/vol: 2.93 (g/mL) gm Lab File ID: B1015025.D

Level: (LOW/MED) _____ Date Collected: 10/03/2007

% Moisture: not dec. 20.0 Date/Time Analyzed: 10/15/2007 16:46

GC Column: ZB-624 20m ID: 0.18 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____(uL) Soil Aliquot Volume: _____(uL)

Heated Purge: (Y/N) Y

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/kg	Q
1330-20-7	XYLENES, TOTAL	2.1	U
75-71-8	DICHLORODIFLUOROMETHANE	2.1	U
74-87-3	CHLOROMETHANE	2.1	U
75-01-4	VINYL CHLORIDE	2.1	U
74-83-9	BROMOMETHANE	2.1	U
75-00-3	CHLOROETHANE	2.1	U
75-69-4	TRICHLOROFLUOROMETHANE	2.1	U
75-35-4	1,1-DICHLOROETHENE	2.1	U
76-13-1	1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	2.1	U
67-64-1	ACETONE	12	JB
75-15-0	CARBON DISULFIDE	2.1	U
79-20-9	METHYL ACETATE	2.1	U
75-09-2	METHYLENE CHLORIDE	42	
1634-04-4	METHYL TERT-BUTYL ETHER	2.1	U
156-60-5	TRANS-1,2-DICHLOROETHENE	2.1	U
75-34-3	1,1-DICHLOROETHANE	5.1	J
156-59-2	CIS-1,2-DICHLOROETHENE	26	
78-93-3	2-BUTANONE	2.1	U
67-66-3	CHLOROFORM	2.1	U
71-55-6	1,1,1-TRICHLOROETHANE	86	
110-82-7	CYCLOHEXANE	2.1	U
56-23-5	CARBON TETRACHLORIDE	2.1	U
71-43-2	BENZENE	2.1	U
107-06-2	1,2-DICHLOROETHANE	2.1	U
79-01-6	TRICHLOROETHENE	5.7	J
108-87-2	METHYLCYCLOHEXANE	2.1	U
78-87-5	1,2-DICHLOROPROPANE	2.1	U
75-27-4	BROMODICHLOROMETHANE	2.1	U
10061-01-	CIS-1,3-DICHLOROPROPENE	2.1	U

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VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

08FD10030701DL2

Lab Name: _____ Contract: _____

SDG No.: TT02001 Run Sequence: R022490

Matrix: (SOIL/SED/WATER) Soil Lab Sample ID: TT02001-014DL2

Sample wt/vol: 2.93 (g/mL) gm Lab File ID: B1015025.D

Level: (LOW/MED) _____ Date Collected: 10/03/2007

% Moisture: not dec. 20.0 Date/Time Analyzed: 10/15/2007 16:46

GC Column: ZB-624 20m ID: 0.18 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____(uL) Soil Aliquot Volume: _____(uL)

Heated Purge: (Y/N) Y

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/kg	Q
108-10-1	4-METHYL-2-PENTANONE	2.1	U
108-88-3	TOLUENE	2.1	U
10061-02-	TRANS-1,3-DICHLOROPROPENE	2.1	U
79-00-5	1,1,2-TRICHLOROETHANE	2.1	U
127-18-4	TETRACHLOROETHENE	2.1	U
591-78-6	2-HEXANONE	2.1	U
124-48-1	DIBROMOCHLOROMETHANE	2.1	U
106-93-4	1,2-DIBROMOETHANE	2.1	U
108-90-7	CHLOROBENZENE	2.1	U
100-41-4	ETHYLBENZENE	2.1	U
179601-23	M,P-XYLENE	2.1	U
95-47-6	O-XYLENE	2.1	U
100-42-5	STYRENE	2.1	U
75-25-2	BROMOFORM	2.1	U
98-82-8	ISOPROPYLBENZENE	2.1	U
79-34-5	1,1,2,2-TETRACHLOROETHANE	2.1	U
541-73-1	1,3-DICHLOROBENZENE	2.1	U
106-46-7	1,4-DICHLOROBENZENE	2.1	U
95-50-1	1,2-DICHLOROBENZENE	2.1	U
96-12-8	1,2-DIBROMO-3-CHLOROPROPANE	2.1	U
120-82-1	1,2,4-TRICHLOROBENZENE	2.1	U

Comments:

VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

08SSW014

Lab Name: _____ Contract: _____

SDG No.: TT02001 Run Sequence: R022318

Matrix: (SOIL/SED/WATER) Soil Lab Sample ID: TT02001-015

Sample wt/vol: 4.10 (g/mL) gm Lab File ID: B1009029.D

Level: (LOW/MED) _____ Date Collected: 10/04/2007

% Moisture: not dec. 17.0 Date/Time Analyzed: 10/09/2007 17:08

GC Column: ZB-624 20m ID: 0.18 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____(uL) Soil Aliquot Volume: _____(uL)

Heated Purge: (Y/N) Y

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/kg	Q
1330-20-7	XYLENES, TOTAL	1.5	U
75-71-8	DICHLORODIFLUOROMETHANE	1.5	U
74-87-3	CHLOROMETHANE	1.5	U
75-01-4	VINYL CHLORIDE	51	
74-83-9	BROMOMETHANE	1.5	U
75-00-3	CHLOROETHANE	700	E
75-69-4	TRICHLOROFLUOROMETHANE	1.5	U
75-35-4	1,1-DICHLOROETHENE	1.5	U
76-13-1	1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	1.5	U
67-64-1	ACETONE	170	B
75-15-0	CARBON DISULFIDE	1.5	U
79-20-9	METHYL ACETATE	1.5	U
75-09-2	METHYLENE CHLORIDE	1.5	U
1634-04-4	METHYL TERT-BUTYL ETHER	1.5	U
156-60-5	TRANS-1,2-DICHLOROETHENE	4.7	
75-34-3	1,1-DICHLOROETHANE	77	
156-59-2	CIS-1,2-DICHLOROETHENE	140	
78-93-3	2-BUTANONE	51	
67-66-3	CHLOROFORM	1.5	U
71-55-6	1,1,1-TRICHLOROETHANE	7.4	
110-82-7	CYCLOHEXANE	1.5	U
56-23-5	CARBON TETRACHLORIDE	1.5	U
71-43-2	BENZENE	1.5	U
107-06-2	1,2-DICHLOROETHANE	1.5	U
79-01-6	TRICHLOROETHENE	1.5	U
108-87-2	METHYLCYCLOHEXANE	1.5	U
78-87-5	1,2-DICHLOROPROPANE	1.5	U
75-27-4	BROMODICHLOROMETHANE	1.5	U
10061-01-	CIS-1,3-DICHLOROPROPENE	1.5	U

VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

08SSW014

Lab Name: _____ Contract: _____

SDG No.: TT02001 Run Sequence: R022318

Matrix: (SOIL/SED/WATER) Soil Lab Sample ID: TT02001-015

Sample wt/vol: 4.10 (g/mL) gm Lab File ID: B1009029.D

Level: (LOW/MED) _____ Date Collected: 10/04/2007

% Moisture: not dec. 17.0 Date/Time Analyzed: 10/09/2007 17:08

GC Column: ZB-624 20m ID: 0.18 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____(uL) Soil Aliquot Volume: _____(uL)

Heated Purge: (Y/N) Y

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/kg	Q
108-10-1	4-METHYL-2-PENTANONE	1.5	U
108-88-3	TOLUENE	4.0	J
10061-02-	TRANS-1,3-DICHLOROPROPENE	1.5	U
79-00-5	1,1,2-TRICHLOROETHANE	1.5	U
127-18-4	TETRACHLOROETHENE	1.5	U
591-78-6	2-HEXANONE	1.5	U
124-48-1	DIBROMOCHLOROMETHANE	1.5	U
106-93-4	1,2-DIBROMOETHANE	1.5	U
108-90-7	CHLOROBENZENE	1.5	U
100-41-4	ETHYLBENZENE	1.5	U
179601-23	M,P-XYLENE	1.5	U
95-47-6	O-XYLENE	1.5	U
100-42-5	STYRENE	1.5	U
75-25-2	BROMOFORM	1.5	U
98-82-8	ISOPROPYLBENZENE	1.5	U
79-34-5	1,1,2,2-TETRACHLOROETHANE	1.5	U
541-73-1	1,3-DICHLOROBENZENE	1.5	U
106-46-7	1,4-DICHLOROBENZENE	1.5	U
95-50-1	1,2-DICHLOROBENZENE	1.5	U
96-12-8	1,2-DIBROMO-3-CHLOROPROPANE	1.5	U
120-82-1	1,2,4-TRICHLOROBENZENE	1.5	U

Comments:

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VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

08SSW014DL

Lab Name: _____ Contract: _____

SDG No.: TT02001 Run Sequence: R022374

Matrix: (SOIL/SED/WATER) Soil Lab Sample ID: TT02001-015DL

Sample wt/vol: 1.19 (g/mL) gm Lab File ID: B1010018.D

Level: (LOW/MED) _____ Date Collected: 10/04/2007

% Moisture: not dec. 17.0 Date/Time Analyzed: 10/10/2007 13:13

GC Column: ZB-624 20m ID: 0.18 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____(uL) Soil Aliquot Volume: _____(uL)

Heated Purge: (Y/N) Y

CAS NO.	COMPOUND	CONCENTRATION UNITS: ug/kg	Q
1330-20-7	XYLENES, TOTAL	5.1	U
75-71-8	DICHLORODIFLUOROMETHANE	5.1	U
74-87-3	CHLOROMETHANE	5.1	U
75-01-4	VINYL CHLORIDE	33	
74-83-9	BROMOMETHANE	5.1	U
75-00-3	CHLOROETHANE	290	
75-69-4	TRICHLOROFLUOROMETHANE	5.1	U
75-35-4	1,1-DICHLOROETHENE	5.1	U
76-13-1	1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	5.1	U
67-64-1	ACETONE	210	B
75-15-0	CARBON DISULFIDE	5.1	U
79-20-9	METHYL ACETATE	5.1	U
75-09-2	METHYLENE CHLORIDE	19	B
1634-04-4	METHYL TERT-BUTYL ETHER	5.1	U
156-60-5	TRANS-1,2-DICHLOROETHENE	5.1	U
75-34-3	1,1-DICHLOROETHANE	37	
156-59-2	CIS-1,2-DICHLOROETHENE	7.3	J
78-93-3	2-BUTANONE	63	
67-66-3	CHLOROFORM	5.1	U
71-55-6	1,1,1-TRICHLOROETHANE	5.1	U
110-82-7	CYCLOHEXANE	5.1	U
56-23-5	CARBON TETRACHLORIDE	5.1	U
71-43-2	BENZENE	5.1	U
107-06-2	1,2-DICHLOROETHANE	5.1	U
79-01-6	TRICHLOROETHENE	5.1	U
108-87-2	METHYLCYCLOHEXANE	5.1	U
78-87-5	1,2-DICHLOROPROPANE	5.1	U
75-27-4	BROMODICHLOROMETHANE	5.1	U
10061-01-	CIS-1,3-DICHLOROPROPENE	5.1	U

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VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

08SSW014DL

Lab Name: _____ Contract: _____

SDG No.: TT02001 Run Sequence: R022374

Matrix: (SOIL/SED/WATER) Soil Lab Sample ID: TT02001-015DL

Sample wt/vol: 1.19 (g/mL) gm Lab File ID: B1010018.D

Level: (LOW/MED) _____ Date Collected: 10/04/2007

% Moisture: not dec. 17.0 Date/Time Analyzed: 10/10/2007 13:13

GC Column: ZB-624 20m ID: 0.18 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____(uL) Soil Aliquot Volume: _____(uL)

Heated Purge: (Y/N) Y

CAS NO.	COMPOUND	CONCENTRATION UNITS: ug/kg	Q
108-10-1	4-METHYL-2-PENTANONE	5.1	U
108-88-3	TOLUENE	5.1	U
10061-02-	TRANS-1,3-DICHLOROPROPENE	5.1	U
79-00-5	1,1,2-TRICHLOROETHANE	5.1	U
127-18-4	TETRACHLOROETHENE	5.1	U
591-78-6	2-HEXANONE	5.1	U
124-48-1	DIBROMOCHLOROMETHANE	5.1	U
106-93-4	1,2-DIBROMOETHANE	5.1	U
108-90-7	CHLOROBENZENE	5.1	U
100-41-4	ETHYLBENZENE	5.1	U
179601-23	M,P-XYLENE	5.1	U
95-47-6	O-XYLENE	5.1	U
100-42-5	STYRENE	5.1	U
75-25-2	BROMOFORM	5.1	U
98-82-8	ISOPROPYLBENZENE	5.1	U
79-34-5	1,1,2,2-TETRACHLOROETHANE	5.1	U
541-73-1	1,3-DICHLOROBENZENE	5.1	U
106-46-7	1,4-DICHLOROBENZENE	5.1	U
95-50-1	1,2-DICHLOROBENZENE	5.1	U
96-12-8	1,2-DIBROMO-3-CHLOROPROPANE	5.1	U
120-82-1	1,2,4-TRICHLOROBENZENE	5.1	U

Comments:

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VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

08SSW014DL2

Lab Name: _____ Contract: _____

SDG No.: TT02001 Run Sequence: R022490

Matrix: (SOIL/SED/WATER) Soil Lab Sample ID: TT02001-015DL2

Sample wt/vol: 1.47 (g/mL) gm Lab File ID: B1015026.D

Level: (LOW/MED) _____ Date Collected: 10/04/2007

% Moisture: not dec. 17.0 Date/Time Analyzed: 10/15/2007 17:11

GC Column: ZB-624 20m ID: 0.18 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____(uL) Soil Aliquot Volume: _____(uL)

Heated Purge: (Y/N) Y

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/kg	Q
1330-20-7	XYLENES, TOTAL	4.1	U
75-71-8	DICHLORODIFLUOROMETHANE	4.1	U
74-87-3	CHLOROMETHANE	4.1	U
75-01-4	VINYL CHLORIDE	4.1	U
74-83-9	BROMOMETHANE	4.1	U
75-00-3	CHLOROETHANE	28	
75-69-4	TRICHLOROFLUOROMETHANE	4.1	U
75-35-4	1,1-DICHLOROETHENE	4.1	U
76-13-1	1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	4.1	U
67-64-1	ACETONE	280	B
75-15-0	CARBON DISULFIDE	4.1	U
79-20-9	METHYL ACETATE	4.1	U
75-09-2	METHYLENE CHLORIDE	82	
1634-04-4	METHYL TERT-BUTYL ETHER	4.1	U
156-60-5	TRANS-1,2-DICHLOROETHENE	4.1	U
75-34-3	1,1-DICHLOROETHANE	5.2	J
156-59-2	CIS-1,2-DICHLOROETHENE	4.1	U
78-93-3	2-BUTANONE	97	
67-66-3	CHLOROFORM	4.1	U
71-55-6	1,1,1-TRICHLOROETHANE	4.1	U
110-82-7	CYCLOHEXANE	4.1	U
56-23-5	CARBON TETRACHLORIDE	4.1	U
71-43-2	BENZENE	4.1	U
107-06-2	1,2-DICHLOROETHANE	4.1	U
79-01-6	TRICHLOROETHENE	4.1	U
108-87-2	METHYLCYCLOHEXANE	4.1	U
78-87-5	1,2-DICHLOROPROPANE	4.1	U
75-27-4	BROMODICHLOROMETHANE	4.1	U
10061-01-	CIS-1,3-DICHLOROPROPENE	4.1	U

1

VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

08SSW014DL2

Lab Name: _____ Contract: _____

SDG No.: TT02001 Run Sequence: R022490

Matrix: (SOIL/SED/WATER) Soil Lab Sample ID: TT02001-015DL2

Sample wt/vol: 1.47 (g/mL) gm Lab File ID: B1015026.D

Level: (LOW/MED) _____ Date Collected: 10/04/2007

% Moisture: not dec. 17.0 Date/Time Analyzed: 10/15/2007 17:11

GC Column: ZB-624 20m ID: 0.18 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____(uL) Soil Aliquot Volume: _____(uL)

Heated Purge: (Y/N) Y

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/kg	Q
108-10-1	4-METHYL-2-PENTANONE	4.1	U
108-88-3	TOLUENE	4.1	U
10061-02-	TRANS-1,3-DICHLOROPROPENE	4.1	U
79-00-5	1,1,2-TRICHLOROETHANE	4.1	U
127-18-4	TETRACHLOROETHENE	4.1	U
591-78-6	2-HEXANONE	4.1	U
124-48-1	DIBROMOCHLOROMETHANE	4.1	U
106-93-4	1,2-DIBROMOETHANE	4.1	U
108-90-7	CHLOROBENZENE	4.1	U
100-41-4	ETHYLBENZENE	4.1	U
179601-23	M,P-XYLENE	4.1	U
95-47-6	O-XYLENE	4.1	U
100-42-5	STYRENE	4.1	U
75-25-2	BROMOFORM	4.1	U
98-82-8	ISOPROPYLBENZENE	4.1	U
79-34-5	1,1,2,2-TETRACHLOROETHANE	4.1	U
541-73-1	1,3-DICHLOROBENZENE	4.1	U
106-46-7	1,4-DICHLOROBENZENE	4.1	U
95-50-1	1,2-DICHLOROBENZENE	4.1	U
96-12-8	1,2-DIBROMO-3-CHLOROPROPANE	4.1	U
120-82-1	1,2,4-TRICHLOROBENZENE	4.1	U

Comments:

VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

08SSW015

Lab Name: _____ Contract: _____

SDG No.: TT02001 Run Sequence: R022318

Matrix: (SOIL/SED/WATER) Soil Lab Sample ID: TT02001-016

Sample wt/vol: 5.57 (g/mL) gm Lab File ID: B1009032.D

Level: (LOW/MED) _____ Date Collected: 10/04/2007

% Moisture: not dec. 20.0 Date/Time Analyzed: 10/09/2007 18:27

GC Column: ZB-624 20m ID: 0.18 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____(uL) Soil Aliquot Volume: _____(uL)

Heated Purge: (Y/N) Y

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/kg	Q
1330-20-7	XYLENES, TOTAL	1.1	U
75-71-8	DICHLORODIFLUOROMETHANE	1.1	U
74-87-3	CHLOROMETHANE	1.1	U
75-01-4	VINYL CHLORIDE	1.1	U
74-83-9	BROMOMETHANE	1.1	U
75-00-3	CHLOROETHANE	1.1	U
75-69-4	TRICHLOROFLUOROMETHANE	1.1	U
75-35-4	1,1-DICHLOROETHENE	1.1	U
76-13-1	1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	1.1	U
67-64-1	ACETONE	24	B
75-15-0	CARBON DISULFIDE	1.1	U
79-20-9	METHYL ACETATE	1.1	U
75-09-2	METHYLENE CHLORIDE	1.1	U
1634-04-4	METHYL TERT-BUTYL ETHER	1.1	U
156-60-5	TRANS-1,2-DICHLOROETHENE	1.1	U
75-34-3	1,1-DICHLOROETHANE	13	
156-59-2	CIS-1,2-DICHLOROETHENE	3.9	
78-93-3	2-BUTANONE	3.7	J
67-66-3	CHLOROFORM	1.1	U
71-55-6	1,1,1-TRICHLOROETHANE	1.1	U
110-82-7	CYCLOHEXANE	1.1	U
56-23-5	CARBON TETRACHLORIDE	1.1	U
71-43-2	BENZENE	1.1	U
107-06-2	1,2-DICHLOROETHANE	1.1	U
79-01-6	TRICHLOROETHENE	2.5	J
108-87-2	METHYLCYCLOHEXANE	1.1	U
78-87-5	1,2-DICHLOROPROPANE	1.1	U
75-27-4	BROMODICHLOROMETHANE	1.1	U
10061-01-	CIS-1,3-DICHLOROPROPENE	1.1	U

VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

08SSW015

Lab Name: _____ Contract: _____

SDG No.: TT02001 Run Sequence: R022318

Matrix: (SOIL/SED/WATER) Soil Lab Sample ID: TT02001-016

Sample wt/vol: 5.57 (g/mL) gm Lab File ID: B1009032.D

Level: (LOW/MED) _____ Date Collected: 10/04/2007

% Moisture: not dec. 20.0 Date/Time Analyzed: 10/09/2007 18:27

GC Column: ZB-624 20m ID: 0.18 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____(uL) Soil Aliquot Volume: _____(uL)

Heated Purge: (Y/N) Y

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/kg	Q
108-10-1	4-METHYL-2-PENTANONE	1.1	U
108-88-3	TOLUENE	1.1	U
10061-02-	TRANS-1,3-DICHLOROPROPENE	1.1	U
79-00-5	1,1,2-TRICHLOROETHANE	1.1	U
127-18-4	TETRACHLOROETHENE	1.1	U
591-78-6	2-HEXANONE	1.1	U
124-48-1	DIBROMOCHLOROMETHANE	1.1	U
106-93-4	1,2-DIBROMOETHANE	1.1	U
108-90-7	CHLOROBENZENE	1.1	U
100-41-4	ETHYLBENZENE	1.1	U
179601-23	M,P-XYLENE	1.1	U
95-47-6	O-XYLENE	1.1	U
100-42-5	STYRENE	1.1	U
75-25-2	BROMOFORM	1.1	U
98-82-8	ISOPROPYLBENZENE	1.1	U
79-34-5	1,1,2,2-TETRACHLOROETHANE	1.1	U
541-73-1	1,3-DICHLOROBENZENE	1.1	U
106-46-7	1,4-DICHLOROBENZENE	1.1	U
95-50-1	1,2-DICHLOROBENZENE	1.1	U
96-12-8	1,2-DIBROMO-3-CHLOROPROPANE	1.1	U
120-82-1	1,2,4-TRICHLOROBENZENE	1.1	U

Comments:

VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

08SSW016

Lab Name: _____ Contract: _____

SDG No.: TT02001 Run Sequence: R022318

Matrix: (SOIL/SED/WATER) Soil Lab Sample ID: TT02001-017

Sample wt/vol: 5.50 (g/mL) gm Lab File ID: B1009030.D

Level: (LOW/MED) _____ Date Collected: 10/04/2007

% Moisture: not dec. 26.0 Date/Time Analyzed: 10/09/2007 17:34

GC Column: ZB-624 20m ID: 0.18 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____(uL) Soil Aliquot Volume: _____(uL)

Heated Purge: (Y/N) Y

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/kg	Q
1330-20-7	XYLENES, TOTAL	1.2	U
75-71-8	DICHLORODIFLUOROMETHANE	1.2	U
74-87-3	CHLOROMETHANE	1.2	U
75-01-4	VINYL CHLORIDE	1.2	U
74-83-9	BROMOMETHANE	1.2	U
75-00-3	CHLOROETHANE	1.2	U
75-69-4	TRICHLOROFLUOROMETHANE	1.2	U
75-35-4	1,1-DICHLOROETHENE	1.2	U
76-13-1	1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	1.2	U
67-64-1	ACETONE	52	B
75-15-0	CARBON DISULFIDE	1.2	U
79-20-9	METHYL ACETATE	1.2	U
75-09-2	METHYLENE CHLORIDE	1.2	U
1634-04-4	METHYL TERT-BUTYL ETHER	1.2	U
156-60-5	TRANS-1,2-DICHLOROETHENE	1.2	U
75-34-3	1,1-DICHLOROETHANE	1.2	U
156-59-2	CIS-1,2-DICHLOROETHENE	2.9	J
78-93-3	2-BUTANONE	15	
67-66-3	CHLOROFORM	1.2	U
71-55-6	1,1,1-TRICHLOROETHANE	1.2	U
110-82-7	CYCLOHEXANE	1.2	U
56-23-5	CARBON TETRACHLORIDE	1.2	U
71-43-2	BENZENE	1.2	U
107-06-2	1,2-DICHLOROETHANE	1.2	U
79-01-6	TRICHLOROETHENE	1.2	U
108-87-2	METHYLCYCLOHEXANE	1.2	U
78-87-5	1,2-DICHLOROPROPANE	1.2	U
75-27-4	BROMODICHLOROMETHANE	1.2	U
10061-01-	CIS-1,3-DICHLOROPROPENE	1.2	U

VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

08SSW016

Lab Name: _____ Contract: _____

SDG No.: TT02001 Run Sequence: R022318

Matrix: (SOIL/SED/WATER) Soil Lab Sample ID: TT02001-017

Sample wt/vol: 5.50 (g/mL) gm Lab File ID: B1009030.D

Level: (LOW/MED) _____ Date Collected: 10/04/2007

% Moisture: not dec. 26.0 Date/Time Analyzed: 10/09/2007 17:34

GC Column: ZB-624 20m ID: 0.18 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____(uL) Soil Aliquot Volume: _____(uL)

Heated Purge: (Y/N) Y

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/kg	Q
108-10-1	4-METHYL-2-PENTANONE	1.2	U
108-88-3	TOLUENE	1.2	U
10061-02-	TRANS-1,3-DICHLOROPROPENE	1.2	U
79-00-5	1,1,2-TRICHLOROETHANE	1.2	U
127-18-4	TETRACHLOROETHENE	1.2	U
591-78-6	2-HEXANONE	1.2	U
124-48-1	DIBROMOCHLOROMETHANE	1.2	U
106-93-4	1,2-DIBROMOETHANE	1.2	U
108-90-7	CHLOROBENZENE	1.2	U
100-41-4	ETHYLBENZENE	1.2	U
179601-23	M,P-XYLENE	1.2	U
95-47-6	O-XYLENE	1.2	U
100-42-5	STYRENE	1.2	U
75-25-2	BROMOFORM	1.2	U
98-82-8	ISOPROPYLBENZENE	1.2	U
79-34-5	1,1,2,2-TETRACHLOROETHANE	1.2	U
541-73-1	1,3-DICHLOROBENZENE	1.2	U
106-46-7	1,4-DICHLOROBENZENE	1.2	U
95-50-1	1,2-DICHLOROBENZENE	1.2	U
96-12-8	1,2-DIBROMO-3-CHLOROPROPANE	1.2	U
120-82-1	1,2,4-TRICHLOROBENZENE	1.2	U

Comments:

VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

08TB100407

Lab Name: _____ Contract: _____

SDG No.: TT02001 Run Sequence: R022318

Matrix: (SOIL/SED/WATER) Soil Lab Sample ID: TT02001-018

Sample wt/vol: 5.00 (g/mL) gm Lab File ID: B1009013.D

Level: (LOW/MED) _____ Date Collected: 10/04/2007

% Moisture: not dec. 0.0 Date/Time Analyzed: 10/09/2007 10:06

GC Column: ZB-624 20m ID: 0.18 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____(uL) Soil Aliquot Volume: _____(uL)

Heated Purge: (Y/N) Y

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/kg	Q
1330-20-7	XYLENES, TOTAL	1.0	U
75-71-8	DICHLORODIFLUOROMETHANE	1.0	U
74-87-3	CHLOROMETHANE	1.0	U
75-01-4	VINYL CHLORIDE	1.0	U
74-83-9	BROMOMETHANE	1.0	U
75-00-3	CHLOROETHANE	1.0	U
75-69-4	TRICHLOROFLUOROMETHANE	1.0	U
75-35-4	1,1-DICHLOROETHENE	1.0	U
76-13-1	1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	1.0	U
67-64-1	ACETONE	6.4	JB
75-15-0	CARBON DISULFIDE	1.0	U
79-20-9	METHYL ACETATE	1.0	U
75-09-2	METHYLENE CHLORIDE	16	B
1634-04-4	METHYL TERT-BUTYL ETHER	1.0	U
156-60-5	TRANS-1,2-DICHLOROETHENE	1.0	U
75-34-3	1,1-DICHLOROETHANE	1.0	U
156-59-2	CIS-1,2-DICHLOROETHENE	1.0	U
78-93-3	2-BUTANONE	1.0	U
67-66-3	CHLOROFORM	1.0	U
71-55-6	1,1,1-TRICHLOROETHANE	1.0	U
110-82-7	CYCLOHEXANE	1.0	U
56-23-5	CARBON TETRACHLORIDE	1.0	U
71-43-2	BENZENE	1.0	U
107-06-2	1,2-DICHLOROETHANE	1.0	U
79-01-6	TRICHLOROETHENE	1.0	U
108-87-2	METHYLCYCLOHEXANE	1.0	U
78-87-5	1,2-DICHLOROPROPANE	1.0	U
75-27-4	BROMODICHLOROMETHANE	1.0	U
10061-01-	CIS-1,3-DICHLOROPROPENE	1.0	U

VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

08TB100407

Lab Name: _____ Contract: _____

SDG No.: TT02001 Run Sequence: R022318

Matrix: (SOIL/SED/WATER) Soil Lab Sample ID: TT02001-018

Sample wt/vol: 5.00 (g/mL) gm Lab File ID: B1009013.D

Level: (LOW/MED) _____ Date Collected: 10/04/2007

% Moisture: not dec. 0.0 Date/Time Analyzed: 10/09/2007 10:06

GC Column: ZB-624 20m ID: 0.18 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____(uL) Soil Aliquot Volume: _____(uL)

Heated Purge: (Y/N) Y

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/kg	Q
108-10-1	4-METHYL-2-PENTANONE	1.0	U
108-88-3	TOLUENE	1.0	U
10061-02-	TRANS-1,3-DICHLOROPROPENE	1.0	U
79-00-5	1,1,2-TRICHLOROETHANE	1.0	U
127-18-4	TETRACHLOROETHENE	1.0	U
591-78-6	2-HEXANONE	1.0	U
124-48-1	DIBROMOCHLOROMETHANE	1.0	U
106-93-4	1,2-DIBROMOETHANE	1.0	U
108-90-7	CHLOROBENZENE	1.0	U
100-41-4	ETHYLBENZENE	1.0	U
179601-23	M,P-XYLENE	1.0	U
95-47-6	O-XYLENE	1.0	U
100-42-5	STYRENE	1.0	U
75-25-2	BROMOFORM	1.0	U
98-82-8	ISOPROPYLBENZENE	1.0	U
79-34-5	1,1,2,2-TETRACHLOROETHANE	1.0	U
541-73-1	1,3-DICHLOROBENZENE	1.0	U
106-46-7	1,4-DICHLOROBENZENE	1.0	U
95-50-1	1,2-DICHLOROBENZENE	1.0	U
96-12-8	1,2-DIBROMO-3-CHLOROPROPANE	1.0	U
120-82-1	1,2,4-TRICHLOROBENZENE	1.0	U

Comments:

VOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: Laucks Testing Laboratories, Inc.

Contract:

Run Sequence: R022490

SDG No.: TT02001

Instrument ID: 5973B

Calibration Dates: 09/28/2007 ~~13:48~~ 09/28/2007

Heated Purge: (Y/N) Y

Calibration Times: ~~09/28/2007~~ 10:47 13:48

GC Column: ZB-624 20m ID: 0.18 (mm)

Mean % RSD: 6.92

Analyte	Std 1	RF 1	Std 2	RF 2	Std 3	RF 3	Std 4	RF 4	Std 5	RF 5	Std 6	RF 6	Std 7	RF 7	Std 8	RF 8	$\overline{RF}$	%RSD	r^2 COD	Eq Ty
DICHLORODIFLUOROMET	2	2.509E-01	3	2.570E-01	10	2.290E-01	20	2.179E-01	50	2.529E-01	100	2.389E-01	200	2.130E-01			0.237	7.47		A
CHLOROMETHANE	2	4.560E-01	3	4.490E-01	10	4.300E-01	20	3.650E-01	50	3.919E-01	100	3.800E-01	200	3.350E-01			0.401	11.29		A
VINYL CHLORIDE	2	3.829E-01	3	3.770E-01	10	3.409E-01	20	3.039E-01	50	3.400E-01	100	3.310E-01	200	2.980E-01			0.339	9.61		A
BROMOMETHANE	2	2.460E-01	3	2.520E-01	10	2.240E-01	20	1.870E-01	50	1.980E-01	100	1.840E-01					0.215	13.92		A
CHLOROETHANE	3	2.370E-01	10	2.150E-01	20	1.830E-01	50	1.959E-01	100	1.930E-01	200	1.520E-01					0.196	14.80		A
TRICHLOROFLUOROMETH	2	4.030E-01	3	4.250E-01	10	3.840E-01	20	3.470E-01	50	3.939E-01	100	3.779E-01	200	3.429E-01			0.382	7.72		A
1,1-DICHLOROETHENE	2	3.619E-01	3	2.949E-01	10	2.890E-01	20	2.590E-01	50	2.840E-01	100	2.619E-01	200	2.490E-01			0.286	13.19		A
1,1,2-TRICHLORO-1,2,2-TRIF	3	2.469E-01	10	2.660E-01	20	2.420E-01	50	2.820E-01	100	2.529E-01	200	2.410E-01					0.255	6.19		A
ACETONE	10	1.410E-01	20	1.170E-01	50	1.020E-01	100	1.080E-01	200	9.799E-02							0.113	15.26		A
CARBON DISULFIDE	2	1.076E+00	3	1.050E+00	10	1.036E+00	20	9.039E-01	50	9.890E-01	100	8.690E-01	200	8.640E-01			0.970	9.26		A
METHYL ACETATE	3	3.140E-01	10	3.190E-01	20	2.770E-01	50	2.770E-01	100	2.899E-01	200	2.770E-01					0.292	6.59		A
METHYLENE CHLORIDE	3	1.535E+00	10	7.319E-01	20	4.810E-01	50	4.300E-01	100	3.890E-01	200	3.370E-01					0.651		0.998	Q
METHYL TERT-BUTYL ET	3	1.090E+00	10	1.077E+00	20	9.480E-01	50	1.015E+00	100	1.028E+00	200	9.089E-01					1.011	7.02		A
TRANS-1,2-DICHLOROETH	3	3.400E-01	10	3.569E-01	20	3.070E-01	50	3.450E-01	100	3.210E-01	200	3.010E-01					0.329	6.79		A
1,1-DICHLOROETHANE	2	6.460E-01	3	5.960E-01	10	5.799E-01	20	5.159E-01	50	5.699E-01	100	5.389E-01	200	5.080E-01			0.565	8.58		A
CIS-1,2-DICHLOROETHENE	2	4.370E-01	3	3.989E-01	10	3.740E-01	20	3.310E-01	50	3.800E-01	100	3.520E-01	200	3.290E-01			0.372	10.37		A
2-BUTANONE	3	1.570E-01	10	1.720E-01	20	1.650E-01	50	1.560E-01	100	1.700E-01	200	1.690E-01					0.165	4.08		A
CHLOROFORM	2	6.489E-01	3	5.920E-01	10	5.690E-01	20	5.090E-01	50	5.590E-01	100	5.320E-01	200	4.959E-01			0.558	9.39		A
1,1,1-TRICHLOROETHANE	2	4.990E-01	3	4.589E-01	10	4.580E-01	20	4.059E-01	50	4.470E-01	100	4.149E-01	200	3.910E-01			0.439	8.52		A
CYCLOHEXANE	3	4.700E-01	10	5.120E-01	20	4.630E-01	50	5.400E-01	100	4.779E-01	200	4.670E-01					0.488	6.33		A
CARBON TETRACHLORIDE	2	4.530E-01	3	3.740E-01	10	3.829E-01	20	3.490E-01	50	3.950E-01	100	3.630E-01	200	3.490E-01			0.381	9.47		A
BENZENE	2	1.503E+00	3	1.355E+00	10	1.312E+00	20	1.191E+00	50	1.343E+00	100	1.275E+00	200	1.248E+0			1.318	7.55		A
1,2-DICHLOROETHANE	2	4.199E-01	3	4.020E-01	10	4.059E-01	20	3.639E-01	50	4.020E-01	100	3.919E-01	200	3.700E-01			0.394	5.07		A
TRICHLOROETHENE	2	3.899E-01	3	3.440E-01	10	3.280E-01	20	3.070E-01	50	3.470E-01	100	3.260E-01	200	3.249E-01			0.338	7.81		A

Eq Ty = Equation Type
Q=Quadratic, L=Linear, A=Average

* SPCCs #

SUM - 88

VOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: Laucks Testing Laboratories, Inc. Contract:

Run Sequence: R022490 SDG No.: TT02001

Instrument ID: 5973B Calibration Dates: 09/28/2007 ~~13:40~~ 09/28/2007

Heated Purge: (Y/N) Y Calibration Times: ~~09/28/2007~~ 10:47 13:48

GC Column: ZB-624 20m ID: 0.18 (mm) Mean % RSD: 6.92

LNH 11/8/07

Analyte	Std 1	RF 1	Std 2	RF 2	Std 3	RF 3	Std 4	RF 4	Std 5	RF 5	Std 6	RF 6	Std 7	RF 7	Std 8	RF 8	$\overline{RF}$	%RSD	r^2 COD	Eq Ty
METHYLCYCLOHEXANE	3	4.760E-01	10	5.239E-01	20	4.790E-01	50	5.699E-01	100	5.099E-01	200	5.009E-01					0.510	6.81		A
1,2-DICHLOROPROPANE	2	3.300E-01	3	3.179E-01	10	3.080E-01	20	2.780E-01	50	3.170E-01	100	3.120E-01	200	3.010E-01			0.309	5.32		A
BROMODICHLOROMETHA	2	4.470E-01	3	4.180E-01	10	4.090E-01	20	3.770E-01	50	4.210E-01	100	4.149E-01	200	3.989E-01			0.412	5.21		A
CIS-1,3-DICHLOROPROPEN	2	5.239E-01	3	4.700E-01	10	4.729E-01	20	4.260E-01	50	4.880E-01	100	4.889E-01	200	4.740E-01			0.478	6.10		A
4-METHYL-2-PENTANONE	10	3.750E-01	20	3.210E-01	50	3.300E-01	100	3.660E-01	200	3.400E-01							0.346	6.67		A
TOLUENE	2	1.051E+00	3	9.279E-01	10	8.849E-01	20	8.100E-01	50	9.540E-01	100	8.960E-01	200	9.210E-01			0.921	7.97		A
TRANS-1,3-DICHLOROPRO	3	5.500E-01	10	5.360E-01	20	4.900E-01	50	5.590E-01	100	5.490E-01	200	5.460E-01					0.538	4.64		A
1,1,2-TRICHLOROETHANE	2	3.680E-01	3	3.429E-01	10	3.380E-01	20	3.010E-01	50	3.450E-01	100	3.440E-01	200	3.339E-01			0.339	5.92		A
TETRACHLOROETHENE	2	4.690E-01	3	4.030E-01	10	3.939E-01	20	3.569E-01	50	4.260E-01	100	3.880E-01	200	4.050E-01			0.406	8.57		A
2-HEXANONE	3	2.989E-01	10	2.870E-01	20	2.610E-01	50	2.730E-01	100	2.969E-01							0.283	5.74		A
DIBROMOCHLOROMETHA	2	4.429E-01	3	4.250E-01	10	4.090E-01	20	3.730E-01	50	4.219E-01	100	4.170E-01	200	4.059E-01			0.414	5.19		A
1,2-DIBROMOETHANE	2	3.939E-01	3	3.689E-01	10	3.680E-01	20	3.319E-01	50	3.650E-01	100	3.639E-01	200	3.520E-01			0.364	5.18		A
CHLOROBENZENE	2	1.237E+00	3	1.133E+00	10	1.104E+00	20	9.969E-01	50	1.137E+00	100	1.082E+00	200	1.058E+0			1.107	6.77		A
ETHYLBENZENE	2	2.025E+00	3	1.804E+00	10	1.739E+00	20	1.599E+00	50	1.847E+00	100	1.751E+00	200	1.744E+0			1.787	7.27		A
M,P-XYLENE	4	8.199E-01	6	7.310E-01	20	7.179E-01	40	6.470E-01	100	7.390E-01	200	7.030E-01	400	6.909E-01			0.721	7.34		A
O-XYLENE	2	8.309E-01	3	7.889E-01	10	7.530E-01	20	6.809E-01	50	7.820E-01	100	7.419E-01	200	7.210E-01			0.757	6.48		A
STYRENE	3	1.364E+00	10	1.375E+00	20	1.233E+00	50	1.415E+00	100	1.352E+00	200	1.312E+00					1.342	4.70		A
BROMOFORM	2	3.660E-01	3	3.529E-01	10	3.600E-01	20	3.190E-01	50	3.560E-01	100	3.600E-01	200	3.440E-01			0.351	4.46		A
ISOPROPYLBENZENE	3	1.771E+00	10	1.761E+00	20	1.608E+00	50	1.859E+00	100	1.721E+00	200	1.707E+00					1.738	4.77		A
1,1,2,2-TETRACHLOROETH	2	1.003E+00	3	9.440E-01	10	9.170E-01	20	8.270E-01	50	8.930E-01	100	9.210E-01	200	8.849E-01			0.913	5.96		A
1,3-DICHLOROBENZENE	2	2.007E+00	3	1.809E+00	10	1.774E+00	20	1.602E+00	50	1.841E+00	100	1.785E+00	200	1.747E+0			1.795	6.75		A
1,4-DICHLOROBENZENE	2	2.007E+00	3	1.809E+00	10	1.774E+00	20	1.630E+00	50	1.857E+00	100	1.803E+00	200	1.758E+0			1.806	6.31		A
1,2-DICHLOROBENZENE	2	1.878E+00	3	1.781E+00	10	1.727E+00	20	1.556E+00	50	1.779E+00	100	1.727E+00	200	1.660E+0			1.730	5.89		A
1,2-DIBROMO-3-CHLOROPR	3	1.940E-01	10	1.820E-01	20	1.589E-01	50	1.700E-01	100	1.770E-01	200	1.729E-01					0.176	6.71		A

Eq Ty = Equation Type
Q=Quadratic, L=Linear, A=Average

* SPCCs #

SUM - 89

VOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: Laucks Testing Laboratories, Inc.

Contract:

Run Sequence: R022490

SDG No.: TT02001

Instrument ID: 5973B

Calibration Dates: 09/28/2007 ~~13:48~~ 09/28/2007

Heated Purge: (Y/N) Y

Calibration Times: ~~09/28/2007~~ 10:47 13:48

DLM 11/8/07

GC Column: ZB-624 20m ID: 0.18 (mm)

Mean % RSD: 6.92

Analyte	Std 1	RF 1	Std 2	RF 2	Std 3	RF 3	Std 4	RF 4	Std 5	RF 5	Std 6	RF 6	Std 7	RF 7	Std 8	RF 8	$\overline{RF}$	%RSD	r^2 COD	Eq Ty
1,2,4-TRICHLOROBENZENE	3	1.389E+00	10	1.369E+00	20	1.195E+00	50	1.406E+00	100	1.332E+00	200	1.299E+00					1.332	5.80		A
DIBROMOFLUOROMETHA	50	2.910E-01	50	2.930E-01	55	2.930E-01	60	2.840E-01	65	2.800E-01	70	2.700E-01	75	2.640E-01			0.282	4.14		A
1,2-DICHLOROETHANE-D4	50	2.520E-01	50	2.590E-01	55	2.579E-01	60	2.550E-01	65	2.490E-01	70	2.469E-01	75	2.440E-01			0.252	2.20		A
TOLUENE-D8	50	1.132E+00	50	1.146E+00	55	1.124E+00	60	1.113E+00	65	1.148E+00	70	1.113E+00	75	1.165E+0			1.135	1.71		A
4-BROMOFLUOROBENZEN	50	8.010E-01	50	8.050E-01	55	7.770E-01	60	7.730E-01	65	7.860E-01	70	7.730E-01	75	7.889E-01			0.786	1.67		A

Eq Ty = Equation Type
Q=Quadratic, L=Linear, A=Average

* SPCCs #

SUM - 90

INITIAL
SECOND SOURCE CALIBRATION VERIFICATION

Lab Name: Laucks Testing Laboratories, Inc.

Initial Calibration ID: B8260S-092807

Instrument ID: 5973B

Concentration Units: ug/L

2nd Source ID: ICV092807MVOSB2

Analyte	Equation Type	Expected	Found	%D
1,1,1,2-Tetrachloroethane	A	50.00	52.93	5.86
1,1,1-Trichloroethane	A	50.00	61.08	22.16
1,1,2,2-Tetrachloroethane	A	50.00	52.75	5.50
1,1,2-Trichloro-1,2,2-trifluoroetha	A	50.00	0.00	100.00
1,1,2-Trichloroethane	A	50.00	50.07	0.14
1,1-Dichloroethane	A	50.00	58.39	16.78
1,1-Dichloroethene	A	50.00	58.90	17.80
1,1-Dichloropropene	A	50.00	57.93	15.86
1,2,3-Trichlorobenzene	A	50.00	49.89	0.22
1,2,3-Trichloropropane	A	50.00	54.98	9.96
1,2,4-Trichlorobenzene	A	50.00	50.79	1.58
1,2,4-Trimethylbenzene	A	50.00	53.50	7.00
1,2-Dibromo-3-chloropropane	A	50.00	58.20	16.40
1,2-Dibromoethane	A	50.00	52.57	5.14
1,2-Dichlorobenzene	A	50.00	50.60	1.20
1,2-Dichloroethane	A	50.00	53.29	6.58
1,2-Dichloroethane-d4	A	50.00	52.28	4.56
1,2-Dichloropropane	A	50.00	51.09	2.18
1,3,5-Trimethylbenzene	A	50.00	53.76	7.52
1,3-Dichlorobenzene	A	50.00	52.34	4.68
1,3-Dichloropropane	A	50.00	50.78	1.56
1,4-Dichlorobenzene	A	50.00	52.70	5.40
1-Chlorohexane	A	50.00	56.77	13.54
2,2-Dichloropropane	A	50.00	61.00	22.00
2-Butanone	A	50.00	71.59	43.18
2-Chloroethylvinylether	A	50.00	0.00	100.00
2-Chlorotoluene	A	50.00	52.39	4.78
2-Hexanone	A	50.00	67.56	35.12
4-Chlorotoluene	A	50.00	52.86	5.72
4-Isopropyltoluene	A	50.00	55.90	11.80
4-Methyl-2-pentanone	A	50.00	64.67	29.34
Acetone	A	50.00	76.63	53.26
Acetonitrile	A	500.00	0.00	100.00
Acrylonitrile	A	50.00	0.00	100.00
Allyl chloride	A	50.00	0.00	100.00
Benzene	A	50.00	53.02	6.04
Bromobenzene	A	50.00	49.31	1.38
Bromochloromethane	A	50.00	54.98	9.96
Bromodichloromethane	A	50.00	51.52	3.04
Bromoethane	A	50.00	0.00	100.00
Bromoform	A	50.00	56.49	12.98
Bromomethane	A	50.00	48.11	3.78
Carbon disulfide	A	50.00	61.02	22.04

INITIAL
SECOND SOURCE CALIBRATION VERIFICATION

Lab Name: Laucks Testing Laboratories, Inc.

Initial Calibration ID: B8260S-092807

Instrument ID: 5973B

Concentration Units: ug/L

2nd Source ID: ICV092807MVOSB2

Analyte	Equation Type	Expected	Found	%D
Carbon tetrachloride	A	50.00	61.87	23.74
Chlorobenzene	A	50.00	53.05	6.10
Chloroethane	A	50.00	56.80	13.60
Chloroform	A	50.00	55.40	10.80
Chloromethane	A	50.00	54.16	8.32
Chloroprene	A	50.00	0.00	100.00
cis-1,2-Dichloroethene	A	50.00	55.82	11.64
cis-1,3-Dichloropropene	A	50.00	52.55	5.10
Cyclohexane	A	50.00	0.00	100.00
Dibromochloromethane	A	50.00	53.41	6.82
Dibromofluoromethane	A	50.00	52.06	4.12
Dibromomethane	A	50.00	54.71	9.42
Dichlorodifluoromethane	A	50.00	60.82	21.64
Ethyl methacrylate	A	50.00	0.00	100.00
Ethyl-t-Butyl Ether(ETBE)	A	50.00	54.90	9.80
Ethylbenzene	A	50.00	52.64	5.28
Hexachlorobutadiene	A	50.00	50.61	1.22
Iodomethane	A	50.00	0.00	100.00
Isobutanol	A	1000.00	0.00	100.00
Isopropyl ether	A	50.00	54.47	8.94
Isopropylbenzene	A	50.00	59.74	19.48
m,p-Xylene	A	100.00	108.55	8.55
Methacrylonitrile	A	500.00	0.00	100.00
Methyl acetate	A	50.00	0.00	100.00
Methyl methacrylate	A	50.00	0.00	100.00
Methyl tert-butyl ether	A	50.00	55.89	11.78
Methylcyclohexane	A	50.00	0.00	100.00
n-Butylbenzene	A	50.00	54.84	9.68
n-Propylbenzene	A	50.00	56.87	13.74
Naphthalene	A	50.00	54.07	8.14
o-Xylene	A	50.00	54.01	8.02
Propionitrile	A	500.00	0.00	100.00
sec-Butylbenzene	A	50.00	58.38	16.76
Styrene	A	50.00	52.03	4.06
t-Amyl Methyl Ether(TAME)	A	50.00	54.95	9.90
t-Butyl Alcohol	A	250.00	818.69	227.48
tert-Butylbenzene	A	50.00	56.32	12.64
Tetrachloroethene	A	50.00	57.67	15.34
Toluene	A	50.00	51.85	3.70
Toluene-d8	A	50.00	50.55	1.10
trans-1,2-Dichloroethene	A	50.00	59.72	19.44
trans-1,3-Dichloropropene	A	50.00	51.96	3.92
trans-1,4-Dichloro-2-butene	A	50.00	0.00	100.00

INITIAL
SECOND SOURCE CALIBRATION VERIFICATION

Lab Name: Laucks Testing Laboratories, Inc.

Initial Calibration ID: B8260S-092807

Instrument ID: 5973B

Concentration Units: ug/L

2nd Source ID: ICV092807MVOSB2

Analyte	Equation Type	Expected	Found	%D
Trichloroethene	A	50.00	54.05	8.10
Trichlorofluoromethane	A	50.00	61.70	23.40
Vinyl acetate	A	50.00	0.00	100.00
Vinyl chloride	A	50.00	59.44	18.88
4-Bromofluorobenzene	A	50.00	49.61	0.78
Acrolein	L	50.00	0.00	100.00
Methylene chloride	Q	50.00	56.53	13.06

Q=Quadratic, L=Linear, A=Average

VOLATILE CONTINUING CALIBRATION CHECK

Lab Name: Laucks Testing Laboratories, Inc

Contract:

Run Sequence: R022318

SDG No.: TT02001

Instrument ID: 5973B

Calibration Date: 10/09/2007 Time: 07:54

Lab File ID: B1009008.D

Init. Calib. Date(s): 09/28/2007 09/28/2007

Client Sample No.: VSTD050B2

Init. Calib. Time(s): 10:47 13:48 11/8/07

Heated Purge: (Y/N) Y

GC Column: ZB-624 20m ID: 0.18 (mm)

Compound	Equation Type	RF 50.0	%D	%Drift
DICHLORODIFLUOROMETHANE	A	0.205	13.52	
CHLOROMETHANE	A	0.381	4.89	
VINYL CHLORIDE	A	0.327	3.45	
BROMOMETHANE	A	0.205	4.51	
CHLOROETHANE	A	0.203	-3.71	
TRICHLOROFLUOROMETHANE	A	0.441	-15.44	
1,1-DICHLOROETHENE	A	0.315	-10.08	
1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	A	0.316	-24.11*	
ACETONE	A	0.105	6.99	
CARBON DISULFIDE	A	0.962	0.79	
METHYL ACETATE	A	0.273	6.63	
METHYLENE CHLORIDE	Q	0.555		45.62*
METHYL TERT-BUTYL ETHER	A	0.928	8.23	
TRANS-1,2-DICHLOROETHENE	A	0.372	-13.17	
1,1-DICHLOROETHANE	A	0.581	-2.90	
CIS-1,2-DICHLOROETHENE	A	0.369	0.85	
2-BUTANONE	A	0.140	15.35	
CHLOROFORM	A	0.574	-2.81	
1,1,1-TRICHLOROETHANE	A	0.489	-11.33	
CYCLOHEXANE	A	0.569	-16.53	
CARBON TETRACHLORIDE	A	0.455	-19.33	
BENZENE	A	1.316	0.14	
1,2-DICHLOROETHANE	A	0.389	1.32	
TRICHLOROETHENE	A	0.340	-0.66	
METHYLCYCLOHEXANE	A	0.595	-16.61	
1,2-DICHLOROPROPANE	A	0.316	-2.39	
BROMODICHLOROMETHANE	A	0.434	-5.35	
CIS-1,3-DICHLOROPROPENE	A	0.494	-3.43	
4-METHYL-2-PENTANONE	A	0.325	6.13	
TOLUENE	A	0.920	0.06	
TRANS-1,3-DICHLOROPROPENE	A	0.498	7.35	
1,1,2-TRICHLOROETHANE	A	0.325	4.21	

* = %D or %Drift above limit

\# = %D or %Drift limts are not configured

VOLATILE CONTINUING CALIBRATION CHECK

Lab Name: Laucks Testing Laboratories, Inc

Contract:

Run Sequence: R022318

SDG No.: TT02001

Instrument ID: 5973B

Calibration Date: 10/09/2007 Time: 07:54

Lab File ID: B1009008.D

Init. Calib. Date(s): 09/28/2007 09/28/2007

Client Sample No.: VSTD050B2

Init. Calib. Time(s): 10:47 13:48 11/8/07

Heated Purge: (Y/N) Y

GC Column: ZB-624 20m ID: 0.18 (mm)

Compound	Equation Type	RF 50.0	%D	%Drift
TETRACHLOROETHENE	A	0.423	-4.28	
2-HEXANONE	A	0.266	6.15	
DIBROMOCHLOROMETHANE	A	0.407	1.61	
1,2-DIBROMOETHANE	A	0.341	6.27	
CHLOROBENZENE	A	1.122	-1.38	
ETHYLBENZENE	A	1.840	-2.95	
M,P-XYLENE	A	0.728	-1.03	
O-XYLENE	A	0.725	4.26	
STYRENE	A	1.312	2.24	
BROMOFORM	A	0.331	5.72	
ISOPROPYLBENZENE	A	1.744	-0.36	
1,1,2,2-TETRACHLOROETHANE	A	0.845	7.48	
1,3-DICHLOROBENZENE	A	1.814	-1.07	
1,4-DICHLOROBENZENE	A	1.833	-1.48	
1,2-DICHLOROBENZENE	A	1.729	0.05	
1,2-DIBROMO-3-CHLOROPROPANE	A	0.154	12.62	
1,2,4-TRICHLOROBENZENE	A	1.299	2.50	
DIBROMOFLUOROMETHANE	A	0.264	6.45	
1,2-DICHLOROETHANE-D4	A	0.227	9.86	
TOLUENE-D8	A	1.033	8.99	
4-BROMOFLUOROBENZENE	A	0.697	11.27	

* = %D or %Drift above limit

= %D or %Drift limts are not configured

VOLATILE CONTINUING CALIBRATION CHECK

Lab Name: Laucks Testing Laboratories, Inc

Contract:

Run Sequence: R022374

SDG No.: TT02001

Instrument ID: 5973B

Calibration Date: 10/10/2007 Time: 07:55

Lab File ID: B1010006.D

Init. Calib. Date(s): 09/28/2007 09/28/2007

Client Sample No.: VSTD050B2

Init. Calib. Time(s): 10:47 13:48 11/8/07

Heated Purge: (Y/N) Y

GC Column: ZB-624 20m ID: 0.18 (mm)

Compound	Equation Type	RF 50.0	%D	%Drift
DICHLORODIFLUOROMETHANE	A	0.196	17.23	
CHLOROMETHANE	A	0.363	9.36	
VINYL CHLORIDE	A	0.323	4.72	
BROMOMETHANE	A	0.188	12.70	
CHLOROETHANE	A	0.193	1.70	
TRICHLOROFLUOROMETHANE	A	0.442	-15.79	
1,1-DICHLOROETHENE	A	0.309	-8.13	
1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	A	0.310	-21.61*	
ACETONE	A	0.111	1.82	
CARBON DISULFIDE	A	0.891	8.13	
METHYL ACETATE	A	0.288	1.50	
METHYLENE CHLORIDE	Q	0.475		20.56*
METHYL TERT-BUTYL ETHER	A	0.916	9.36	
TRANS-1,2-DICHLOROETHENE	A	0.363	-10.26	
1,1-DICHLOROETHANE	A	0.563	0.37	
CIS-1,2-DICHLOROETHENE	A	0.358	3.67	
2-BUTANONE	A	0.149	9.70	
CHLOROFORM	A	0.554	0.72	
1,1,1-TRICHLOROETHANE	A	0.478	-9.00	
CYCLOHEXANE	A	0.562	-15.11	
CARBON TETRACHLORIDE	A	0.447	-17.19	
BENZENE	A	1.262	4.27	
1,2-DICHLOROETHANE	A	0.377	4.21	
TRICHLOROETHENE	A	0.334	1.15	
METHYLCYCLOHEXANE	A	0.586	-14.91	
1,2-DICHLOROPROPANE	A	0.305	1.35	
BROMODICHLOROMETHANE	A	0.421	-2.28	
CIS-1,3-DICHLOROPROPENE	A	0.487	-1.83	
4-METHYL-2-PENTANONE	A	0.347	-0.30	
TOLUENE	A	0.900	2.26	
TRANS-1,3-DICHLOROPROPENE	A	0.497	7.70	
1,1,2-TRICHLOROETHANE	A	0.326	3.93	

* = %D or %Drift above limit

= %D or %Drift limts are not configured

VOLATILE CONTINUING CALIBRATION CHECK

Lab Name: Laucks Testing Laboratories, Inc

Contract:

Run Sequence: R022374

SDG No.: TT02001

Instrument ID: 5973B

Calibration Date: 10/10/2007 Time: 07:55

Lab File ID: B1010006.D

Init. Calib. Date(s): 09/28/2007 09/28/2007

Client Sample No.: VSTD050B2

Init. Calib. Time(s): 10:47 13:48 OPNH 11/8/07

Heated Purge: (Y/N) Y

GC Column: ZB-624 20m ID: 0.18 (mm)

Compound	Equation Type	RF 50.0	%D	%Drift
TETRACHLOROETHENE	A	0.420	-3.37	
2-HEXANONE	A	0.287	-1.27	
DIBROMOCHLOROMETHANE	A	0.410	0.88	
1,2-DIBROMOETHANE	A	0.346	5.03	
CHLOROBENZENE	A	1.101	0.55	
ETHYLBENZENE	A	1.788	-0.06	
M,P-XYLENE	A	0.714	0.93	
O-XYLENE	A	0.706	6.77	
STYRENE	A	1.288	4.04	
BROMOFORM	A	0.336	4.40	
ISOPROPYLBENZENE	A	1.721	0.98	
1,1,2,2-TETRACHLOROETHANE	A	0.844	7.53	
1,3-DICHLOROBENZENE	A	1.734	3.42	
1,4-DICHLOROBENZENE	A	1.751	3.02	
1,2-DICHLOROBENZENE	A	1.656	4.26	
1,2-DIBROMO-3-CHLOROPROPANE	A	0.158	10.20	
1,2,4-TRICHLOROBENZENE	A	1.236	7.22	
DIBROMOFLUOROMETHANE	A	0.266	5.62	
1,2-DICHLOROETHANE-D4	A	0.230	8.58	
TOLUENE-D8	A	1.054	7.14	
4-BROMOFLUOROBENZENE	A	0.692	11.98	

* = %D or %Drift above limit

= %D or %Drift limts are not configured

VOLATILE CONTINUING CALIBRATION CHECK

Lab Name: Laucks Testing Laboratories, Inc

Contract:

Run Sequence: R022490

SDG No.: TT02001

Instrument ID: 5973B

Calibration Date: 10/15/2007 Time: 08:21

Lab File ID: quant.csv

Init. Calib. Date(s): 09/28/2007 09/28/2007

Client Sample No.: VSTD050B3

Init. Calib. Time(s): 10:47 13:48

Heated Purge: (Y/N) Y

GC Column: ZB-624 20m ID: 0.18 (mm)

Compound	Equation Type	RF 50.0	%D	%Drift
DICHLORODIFLUOROMETHANE	A	0.243	-2.68	
CHLOROMETHANE	A	0.407	-1.42	
VINYL CHLORIDE	A	0.370	-9.13	
BROMOMETHANE	A	0.208	3.14	
CHLOROETHANE	A	0.211	-7.62	
TRICHLOROFLUOROMETHANE	A	0.498	-30.43*	
1,1-DICHLOROETHENE	A	0.326	-13.85	
1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	A	0.335	-31.51*	
ACETONE	A	0.115	-2.18	
CARBON DISULFIDE	A	1.173	-20.94*	
METHYL ACETATE	A	0.310	-6.30	
METHYLENE CHLORIDE	Q	0.547		43.06*
METHYL TERT-BUTYL ETHER	A	0.982	2.85	
TRANS-1,2-DICHLOROETHENE	A	0.402	-22.08*	
1,1-DICHLOROETHANE	A	0.620	-9.80	
CIS-1,2-DICHLOROETHENE	A	0.413	-11.08	
2-BUTANONE	A	0.168	-1.88	
CHLOROFORM	A	0.626	-12.22	
1,1,1-TRICHLOROETHANE	A	0.543	-23.73*	
CYCLOHEXANE	A	0.616	-26.14*	
CARBON TETRACHLORIDE	A	0.519	-36.23*	
BENZENE	A	1.469	-11.44	
1,2-DICHLOROETHANE	A	0.426	-8.01	
TRICHLOROETHENE	A	0.410	-21.36*	
METHYLCYCLOHEXANE	A	0.695	-36.36*	
1,2-DICHLOROPROPANE	A	0.352	-14.05	
BROMODICHLOROMETHANE	A	0.486	-17.93	
CIS-1,3-DICHLOROPROPENE	A	0.567	-18.52	
4-METHYL-2-PENTANONE	A	0.380	-9.73	
TOLUENE	A	1.016	-10.32	
TRANS-1,3-DICHLOROPROPENE	A	0.550	-2.27	
1,1,2-TRICHLOROETHANE	A	0.365	-7.74	

* = %D or %Drift above limit

= %D or %Drift limts are not configured

VOLATILE CONTINUING CALIBRATION CHECK

Lab Name: Laucks Testing Laboratories, Inc

Contract:

Run Sequence: R022490

SDG No.: TT02001

Instrument ID: 5973B

Calibration Date: 10/15/2007 Time: 08:21

Lab File ID: quant.csv

Init. Calib. Date(s): 09/28/2007 09/28/2007

Client Sample No.: VSTD050B3

Init. Calib. Time(s): 10:47 13:48 QCNH 11/8/07

Heated Purge: (Y/N) Y

GC Column: ZB-624 20m ID: 0.18 (mm)

Compound	Equation Type	RF 50.0	%D	%Drift
TETRACHLOROETHENE	A	0.495	-21.97*	
2-HEXANONE	A	0.294	-3.87	
DIBROMOCHLOROMETHANE	A	0.456	-10.02	
1,2-DIBROMOETHANE	A	0.381	-4.77	
CHLOROBENZENE	A	1.224	-10.58	
ETHYLBENZENE	A	2.026	-13.37	
M,P-XYLENE	A	0.807	-11.91	
O-XYLENE	A	0.790	-4.30	
STYRENE	A	1.420	-5.83	
BROMOFORM	A	0.378	-7.83	
ISOPROPYLBENZENE	A	1.972	-13.47	
1,1,2,2-TETRACHLOROETHANE	A	0.920	-0.73	
1,3-DICHLOROBENZENE	A	1.928	-7.41	
1,4-DICHLOROBENZENE	A	1.954	-8.19	
1,2-DICHLOROBENZENE	A	1.824	-5.45	
1,2-DIBROMO-3-CHLOROPROPANE	A	0.169	3.74	
1,2,4-TRICHLOROBENZENE	A	1.401	-5.18	
DIBROMOFLUOROMETHANE	A	0.314	-11.30	
1,2-DICHLOROETHANE-D4	A	0.273	-8.51	
TOLUENE-D8	A	1.179	-3.87	
4-BROMOFLUOROBENZENE	A	0.778	0.98	

* = %D or %Drift above limit

= %D or %Drift limts are not configured

VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

B100907MVOSB2

Lab Name: _____ Contract: _____

SDG No.: TT02001 Run Sequence: R022318

Matrix: (SOIL/SED/WATER) Soil Lab Sample ID: B100907MVOSB2

Sample wt/vol: 5.00 (g/mL) gm Lab File ID: B1009012.D

Level: (LOW/MED) _____ Date Collected: _____

% Moisture: not dec. 0.0 Date/Time Analyzed: 10/09/2007 09:40

GC Column: ZB-624 20m ID: 0.18 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____(uL) Soil Aliquot Volume: _____(uL)

Heated Purge: (Y/N) Y

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/kg	Q
1330-20-7	XYLENES, TOTAL	1.0	U
75-71-8	DICHLORODIFLUOROMETHANE	1.0	U
74-87-3	CHLOROMETHANE	1.0	U
75-01-4	VINYL CHLORIDE	1.0	U
74-83-9	BROMOMETHANE	1.0	U
75-00-3	CHLOROETHANE	1.0	U
75-69-4	TRICHLOROFLUOROMETHANE	1.0	U
75-35-4	1,1-DICHLOROETHENE	1.0	U
76-13-1	1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	1.0	U
67-64-1	ACETONE	2.6	JB
75-15-0	CARBON DISULFIDE	1.0	U
79-20-9	METHYL ACETATE	1.0	U
75-09-2	METHYLENE CHLORIDE	3.9	B
1634-04-4	METHYL TERT-BUTYL ETHER	1.0	U
156-60-5	TRANS-1,2-DICHLOROETHENE	1.0	U
75-34-3	1,1-DICHLOROETHANE	1.0	U
156-59-2	CIS-1,2-DICHLOROETHENE	1.0	U
78-93-3	2-BUTANONE	1.0	U
67-66-3	CHLOROFORM	1.0	U
71-55-6	1,1,1-TRICHLOROETHANE	1.0	U
110-82-7	CYCLOHEXANE	1.0	U
56-23-5	CARBON TETRACHLORIDE	1.0	U
71-43-2	BENZENE	1.0	U
107-06-2	1,2-DICHLOROETHANE	1.0	U
79-01-6	TRICHLOROETHENE	1.0	U
108-87-2	METHYLCYCLOHEXANE	1.0	U
78-87-5	1,2-DICHLOROPROPANE	1.0	U
75-27-4	BROMODICHLOROMETHANE	1.0	U
10061-01-	CIS-1,3-DICHLOROPROPENE	1.0	U

VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

B100907MVOSB2

Lab Name: _____ Contract: _____

SDG No.: TT02001 Run Sequence: R022318

Matrix: (SOIL/SED/WATER) Soil Lab Sample ID: B100907MVOSB2

Sample wt/vol: 5.00 (g/mL) gm Lab File ID: B1009012.D

Level: (LOW/MED) _____ Date Collected: _____

% Moisture: not dec. 0.0 Date/Time Analyzed: 10/09/2007 09:40

GC Column: ZB-624 20m ID: 0.18 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

Heated Purge: (Y/N) Y

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/kg	Q
108-10-1	4-METHYL-2-PENTANONE	1.0	U
108-88-3	TOLUENE	1.0	U
10061-02-	TRANS-1,3-DICHLOROPROPENE	1.0	U
79-00-5	1,1,2-TRICHLOROETHANE	1.0	U
127-18-4	TETRACHLOROETHENE	1.0	U
591-78-6	2-HEXANONE	1.0	U
124-48-1	DIBROMOCHLOROMETHANE	1.0	U
106-93-4	1,2-DIBROMOETHANE	1.0	U
108-90-7	CHLOROBENZENE	1.0	U
100-41-4	ETHYLBENZENE	1.0	U
179601-23	M,P-XYLENE	1.0	U
95-47-6	O-XYLENE	1.0	U
100-42-5	STYRENE	1.0	U
75-25-2	BROMOFORM	1.0	U
98-82-8	ISOPROPYLBENZENE	1.0	U
79-34-5	1,1,2,2-TETRACHLOROETHANE	1.0	U
541-73-1	1,3-DICHLOROBENZENE	1.0	U
106-46-7	1,4-DICHLOROBENZENE	1.0	U
95-50-1	1,2-DICHLOROBENZENE	1.0	U
96-12-8	1,2-DIBROMO-3-CHLOROPROPANE	1.0	U
120-82-1	1,2,4-TRICHLOROBENZENE	1.0	U

Comments:

1

VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

B101007MVOSB2

Lab Name: _____ Contract: _____

SDG No.: TT02001 Run Sequence: R022374

Matrix: (SOIL/SED/WATER) Soil Lab Sample ID: B101007MVOSB2

Sample wt/vol: 5.00 (g/mL) mL Lab File ID: B1010010.D

Level: (LOW/MED) _____ Date Collected: _____

% Moisture: not dec. 0.0 Date/Time Analyzed: 10/10/2007 09:43

GC Column: ZB-624 20m ID: 0.18 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____(uL) Soil Aliquot Volume: _____(uL)

Heated Purge: (Y/N) Y

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/kg	Q
1330-20-7	XYLENES, TOTAL	1.0	U
75-71-8	DICHLORODIFLUOROMETHANE	1.0	U
74-87-3	CHLOROMETHANE	1.0	U
75-01-4	VINYL CHLORIDE	1.0	U
74-83-9	BROMOMETHANE	1.0	U
75-00-3	CHLOROETHANE	1.0	U
75-69-4	TRICHLOROFLUOROMETHANE	1.0	U
75-35-4	1,1-DICHLOROETHENE	1.0	U
76-13-1	1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	1.0	U
67-64-1	ACETONE	4.9	JB
75-15-0	CARBON DISULFIDE	1.0	U
79-20-9	METHYL ACETATE	1.0	U
75-09-2	METHYLENE CHLORIDE	2.8	JB
1634-04-4	METHYL TERT-BUTYL ETHER	1.0	U
156-60-5	TRANS-1,2-DICHLOROETHENE	1.0	U
75-34-3	1,1-DICHLOROETHANE	1.0	U
156-59-2	CIS-1,2-DICHLOROETHENE	1.0	U
78-93-3	2-BUTANONE	1.0	U
67-66-3	CHLOROFORM	1.0	U
71-55-6	1,1,1-TRICHLOROETHANE	1.0	U
110-82-7	CYCLOHEXANE	1.0	U
56-23-5	CARBON TETRACHLORIDE	1.0	U
71-43-2	BENZENE	1.0	U
107-06-2	1,2-DICHLOROETHANE	1.0	U
79-01-6	TRICHLOROETHENE	1.0	U
108-87-2	METHYLCYCLOHEXANE	1.0	U
78-87-5	1,2-DICHLOROPROPANE	1.0	U
75-27-4	BROMODICHLOROMETHANE	1.0	U
10061-01-	CIS-1,3-DICHLOROPROPENE	1.0	U

VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

B101007MVOSB2

Lab Name: _____ Contract: _____

SDG No.: TT02001 Run Sequence: R022374

Matrix: (SOIL/SED/WATER) Soil Lab Sample ID: B101007MVOSB2

Sample wt/vol: 5.00 (g/mL) mL Lab File ID: B1010010.D

Level: (LOW/MED) _____ Date Collected: _____

% Moisture: not dec. 0.0 Date/Time Analyzed: 10/10/2007 09:43

GC Column: ZB-624 20m ID: 0.18 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____(uL) Soil Aliquot Volume: _____(uL)

Heated Purge: (Y/N) Y

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/kg	Q
108-10-1	4-METHYL-2-PENTANONE	1.0	U
108-88-3	TOLUENE	1.0	U
10061-02-	TRANS-1,3-DICHLOROPROPENE	1.0	U
79-00-5	1,1,2-TRICHLOROETHANE	1.0	U
127-18-4	TETRACHLOROETHENE	1.0	U
591-78-6	2-HEXANONE	1.0	U
124-48-1	DIBROMOCHLOROMETHANE	1.0	U
106-93-4	1,2-DIBROMOETHANE	1.0	U
108-90-7	CHLOROBENZENE	1.0	U
100-41-4	ETHYLBENZENE	1.0	U
179601-23	M,P-XYLENE	1.0	U
95-47-6	O-XYLENE	1.0	U
100-42-5	STYRENE	1.0	U
75-25-2	BROMOFORM	1.0	U
98-82-8	ISOPROPYLBENZENE	1.0	U
79-34-5	1,1,2,2-TETRACHLOROETHANE	1.0	U
541-73-1	1,3-DICHLOROBENZENE	1.0	U
106-46-7	1,4-DICHLOROBENZENE	1.0	U
95-50-1	1,2-DICHLOROBENZENE	1.0	U
96-12-8	1,2-DIBROMO-3-CHLOROPROPANE	1.0	U
120-82-1	1,2,4-TRICHLOROBENZENE	1.0	U

Comments:

VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

B101507MVOSB3

Lab Name: _____ Contract: _____

SDG No.: TT02001 Run Sequence: R022490

Matrix: (SOIL/SED/WATER) Soil Lab Sample ID: B101507MVOSB3

Sample wt/vol: 5.00 (g/mL) gm Lab File ID: B1015012.D

Level: (LOW/MED) _____ Date Collected: _____

% Moisture: not dec. 0.0 Date/Time Analyzed: 10/15/2007 11:06

GC Column: ZB-624 20m ID: 0.18 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____(uL) Soil Aliquot Volume: _____(uL)

Heated Purge: (Y/N) Y

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/kg	Q
1330-20-7	XYLENES, TOTAL	1.0	U
75-71-8	DICHLORODIFLUOROMETHANE	1.0	U
74-87-3	CHLOROMETHANE	1.0	U
75-01-4	VINYL CHLORIDE	1.0	U
74-83-9	BROMOMETHANE	1.0	U
75-00-3	CHLOROETHANE	1.0	U
75-69-4	TRICHLOROFLUOROMETHANE	1.0	U
75-35-4	1,1-DICHLOROETHENE	1.0	U
76-13-1	1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	1.0	U
67-64-1	ACETONE	1.9	JB
75-15-0	CARBON DISULFIDE	1.0	U
79-20-9	METHYL ACETATE	1.0	U
75-09-2	METHYLENE CHLORIDE	1.0	U
1634-04-4	METHYL TERT-BUTYL ETHER	1.0	U
156-60-5	TRANS-1,2-DICHLOROETHENE	1.0	U
75-34-3	1,1-DICHLOROETHANE	1.0	U
156-59-2	CIS-1,2-DICHLOROETHENE	1.0	U
78-93-3	2-BUTANONE	1.0	U
67-66-3	CHLOROFORM	1.0	U
71-55-6	1,1,1-TRICHLOROETHANE	1.0	U
110-82-7	CYCLOHEXANE	1.0	U
56-23-5	CARBON TETRACHLORIDE	1.0	U
71-43-2	BENZENE	1.0	U
107-06-2	1,2-DICHLOROETHANE	1.0	U
79-01-6	TRICHLOROETHENE	1.0	U
108-87-2	METHYLCYCLOHEXANE	1.0	U
78-87-5	1,2-DICHLOROPROPANE	1.0	U
75-27-4	BROMODICHLOROMETHANE	1.0	U
10061-01-	CIS-1,3-DICHLOROPROPENE	1.0	U

VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

B101507MVOSB3

Lab Name: _____ Contract: _____

SDG No.: TT02001 Run Sequence: R022490

Matrix: (SOIL/SED/WATER) Soil Lab Sample ID: B101507MVOSB3

Sample wt/vol: 5.00 (g/mL) gm Lab File ID: B1015012.D

Level: (LOW/MED) _____ Date Collected: _____

% Moisture: not dec. 0.0 Date/Time Analyzed: 10/15/2007 11:06

GC Column: ZB-624 20m ID: 0.18 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____(uL) Soil Aliquot Volume: _____(uL)

Heated Purge: (Y/N) Y

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/kg	Q
108-10-1	4-METHYL-2-PENTANONE	1.0	U
108-88-3	TOLUENE	1.0	U
10061-02-	TRANS-1,3-DICHLOROPROPENE	1.0	U
79-00-5	1,1,2-TRICHLOROETHANE	1.0	U
127-18-4	TETRACHLOROETHENE	1.0	U
591-78-6	2-HEXANONE	1.0	U
124-48-1	DIBROMOCHLOROMETHANE	1.0	U
106-93-4	1,2-DIBROMOETHANE	1.0	U
108-90-7	CHLOROBENZENE	1.0	U
100-41-4	ETHYLBENZENE	1.0	U
179601-23	M,P-XYLENE	1.0	U
95-47-6	O-XYLENE	1.0	U
100-42-5	STYRENE	1.0	U
75-25-2	BROMOFORM	1.0	U
98-82-8	ISOPROPYLBENZENE	1.0	U
79-34-5	1,1,2,2-TETRACHLOROETHANE	1.0	U
541-73-1	1,3-DICHLOROBENZENE	1.0	U
106-46-7	1,4-DICHLOROBENZENE	1.0	U
95-50-1	1,2-DICHLOROBENZENE	1.0	U
96-12-8	1,2-DIBROMO-3-CHLOROPROPANE	1.0	U
120-82-1	1,2,4-TRICHLOROBENZENE	1.0	U

Comments:

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VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

S100907MVOSB1

Lab Name: _____ Contract: _____

SDG No.: TT02001 Run Sequence: R022318

Matrix: (SOIL/SED/WATER) Soil Lab Sample ID: S100907MVOSB1

Sample wt/vol: 5.00 (g/mL) gm Lab File ID: B1009009.D

Level: (LOW/MED) _____ Date Collected: _____

% Moisture: not dec. 0.0 Date/Time Analyzed: 10/09/2007 08:21

GC Column: ZB-624 20m ID: 0.18 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____(uL) Soil Aliquot Volume: _____(uL)

Heated Purge: (Y/N) Y

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/kg	Q
1330-20-7	XYLENES, TOTAL	150	
75-71-8	DICHLORODIFLUOROMETHANE	50	
74-87-3	CHLOROMETHANE	47	
75-01-4	VINYL CHLORIDE	51	
74-83-9	BROMOMETHANE	47	
75-00-3	CHLOROETHANE	51	
75-69-4	TRICHLOROFLUOROMETHANE	57	
75-35-4	1,1-DICHLOROETHENE	57	
76-13-1	1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	1.0	U
67-64-1	ACETONE	56	
75-15-0	CARBON DISULFIDE	66	
79-20-9	METHYL ACETATE	1.0	U
75-09-2	METHYLENE CHLORIDE	60	
1634-04-4	METHYL TERT-BUTYL ETHER	47	
156-60-5	TRANS-1,2-DICHLOROETHENE	57	
75-34-3	1,1-DICHLOROETHANE	55	
156-59-2	CIS-1,2-DICHLOROETHENE	50	
78-93-3	2-BUTANONE	55	
67-66-3	CHLOROFORM	53	
71-55-6	1,1,1-TRICHLOROETHANE	59	
110-82-7	CYCLOHEXANE	1.0	U
56-23-5	CARBON TETRACHLORIDE	63	
71-43-2	BENZENE	49	
107-06-2	1,2-DICHLOROETHANE	50	
79-01-6	TRICHLOROETHENE	52	
108-87-2	METHYLCYCLOHEXANE	1.0	U
78-87-5	1,2-DICHLOROPROPANE	50	
75-27-4	BROMODICHLOROMETHANE	52	
10061-01-	CIS-1,3-DICHLOROPROPENE	51	

VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

S100907MVOSB1

Lab Name: _____ Contract: _____

SDG No.: TT02001 Run Sequence: R022318

Matrix: (SOIL/SED/WATER) Soil Lab Sample ID: S100907MVOSB1

Sample wt/vol: 5.00 (g/mL) gm Lab File ID: B1009009.D

Level: (LOW/MED) _____ Date Collected: _____

% Moisture: not dec. 0.0 Date/Time Analyzed: 10/09/2007 08:21

GC Column: ZB-624 20m ID: 0.18 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____(uL) Soil Aliquot Volume: _____(uL)

Heated Purge: (Y/N) Y

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/kg	Q
108-10-1	4-METHYL-2-PENTANONE	57	
108-88-3	TOLUENE	49	
10061-02-	TRANS-1,3-DICHLOROPROPENE	46	
79-00-5	1,1,2-TRICHLOROETHANE	48	
127-18-4	TETRACHLOROETHENE	56	
591-78-6	2-HEXANONE	57	
124-48-1	DIBROMOCHLOROMETHANE	51	
106-93-4	1,2-DIBROMOETHANE	48	
108-90-7	CHLOROBENZENE	51	
100-41-4	ETHYLBENZENE	50	
179601-23	M,P-XYLENE	100	
95-47-6	O-XYLENE	47	
100-42-5	STYRENE	47	
75-25-2	BROMOFORM	50	
98-82-8	ISOPROPYLBENZENE	53	
79-34-5	1,1,2,2-TETRACHLOROETHANE	49	
541-73-1	1,3-DICHLOROBENZENE	50	
106-46-7	1,4-DICHLOROBENZENE	51	
95-50-1	1,2-DICHLOROBENZENE	49	
96-12-8	1,2-DIBROMO-3-CHLOROPROPANE	49	
120-82-1	1,2,4-TRICHLOROBENZENE	46	

Comments:

VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

S101007MVOSB1

Lab Name: _____ Contract: _____

SDG No.: TT02001 Run Sequence: R022374

Matrix: (SOIL/SED/WATER) Soil Lab Sample ID: S101007MVOSB1

Sample wt/vol: 5.00 (g/mL) mL Lab File ID: B1010007.D

Level: (LOW/MED) _____ Date Collected: _____

% Moisture: not dec. 0.0 Date/Time Analyzed: 10/10/2007 08:21

GC Column: ZB-624 20m ID: 0.18 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____(uL) Soil Aliquot Volume: _____(uL)

Heated Purge: (Y/N) Y

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/kg	Q
1330-20-7	XYLENES, TOTAL	150	
75-71-8	DICHLORODIFLUOROMETHANE	43	
74-87-3	CHLOROMETHANE	46	
75-01-4	VINYL CHLORIDE	48	
74-83-9	BROMOMETHANE	46	
75-00-3	CHLOROETHANE	50	
75-69-4	TRICHLOROFLUOROMETHANE	54	
75-35-4	1,1-DICHLOROETHENE	53	
76-13-1	1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	1.0	U
67-64-1	ACETONE	51	
75-15-0	CARBON DISULFIDE	64	
79-20-9	METHYL ACETATE	1.0	U
75-09-2	METHYLENE CHLORIDE	64	
1634-04-4	METHYL TERT-BUTYL ETHER	49	
156-60-5	TRANS-1,2-DICHLOROETHENE	55	
75-34-3	1,1-DICHLOROETHANE	53	
156-59-2	CIS-1,2-DICHLOROETHENE	51	
78-93-3	2-BUTANONE	46	
67-66-3	CHLOROFORM	53	
71-55-6	1,1,1-TRICHLOROETHANE	55	
110-82-7	CYCLOHEXANE	1.0	U
56-23-5	CARBON TETRACHLORIDE	60	
71-43-2	BENZENE	49	
107-06-2	1,2-DICHLOROETHANE	50	
79-01-6	TRICHLOROETHENE	49	
108-87-2	METHYLCYCLOHEXANE	1.0	U
78-87-5	1,2-DICHLOROPROPANE	51	
75-27-4	BROMODICHLOROMETHANE	52	
10061-01-	CIS-1,3-DICHLOROPROPENE	52	

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VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

S101007MVOSB1

Lab Name: _____ Contract: _____

SDG No.: TT02001 Run Sequence: R022374

Matrix: (SOIL/SED/WATER) Soil Lab Sample ID: S101007MVOSB1

Sample wt/vol: 5.00 (g/mL) mL Lab File ID: B1010007.D

Level: (LOW/MED) _____ Date Collected: _____

% Moisture: not dec. 0.0 Date/Time Analyzed: 10/10/2007 08:21

GC Column: ZB-624 20m ID: 0.18 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____(uL) Soil Aliquot Volume: _____(uL)

Heated Purge: (Y/N) Y

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/kg	Q
108-10-1	4-METHYL-2-PENTANONE	53	
108-88-3	TOLUENE	48	
10061-02-	TRANS-1,3-DICHLOROPROPENE	47	
79-00-5	1,1,2-TRICHLOROETHANE	48	
127-18-4	TETRACHLOROETHENE	53	
591-78-6	2-HEXANONE	52	
124-48-1	DIBROMOCHLOROMETHANE	52	
106-93-4	1,2-DIBROMOETHANE	48	
108-90-7	CHLOROBENZENE	51	
100-41-4	ETHYLBENZENE	49	
179601-23	M,P-XYLENE	99	
95-47-6	O-XYLENE	47	
100-42-5	STYRENE	47	
75-25-2	BROMOFORM	50	
98-82-8	ISOPROPYLBENZENE	51	
79-34-5	1,1,2,2-TETRACHLOROETHANE	46	
541-73-1	1,3-DICHLOROBENZENE	49	
106-46-7	1,4-DICHLOROBENZENE	50	
95-50-1	1,2-DICHLOROBENZENE	49	
96-12-8	1,2-DIBROMO-3-CHLOROPROPANE	42	
120-82-1	1,2,4-TRICHLOROBENZENE	46	

Comments:

VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

S101507MVOSB1

Lab Name: _____ Contract: _____

SDG No.: TT02001 Run Sequence: R022490

Matrix: (SOIL/SED/WATER) Soil Lab Sample ID: S101507MVOSB1

Sample wt/vol: 5.00 (g/mL) gm Lab File ID: B1015008.D

Level: (LOW/MED) _____ Date Collected: _____

% Moisture: not dec. 0.0 Date/Time Analyzed: 10/15/2007 08:54

GC Column: ZB-624 20m ID: 0.18 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____(uL) Soil Aliquot Volume: _____(uL)

Heated Purge: (Y/N) Y

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/kg	Q
1330-20-7	XYLENES, TOTAL	130	
75-71-8	DICHLORODIFLUOROMETHANE	45	
74-87-3	CHLOROMETHANE	41	
75-01-4	VINYL CHLORIDE	42	
74-83-9	BROMOMETHANE	39	
75-00-3	CHLOROETHANE	42	
75-69-4	TRICHLOROFLUOROMETHANE	47	
75-35-4	1,1-DICHLOROETHENE	48	
76-13-1	1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	1.0	U
67-64-1	ACETONE	31	
75-15-0	CARBON DISULFIDE	50	
79-20-9	METHYL ACETATE	1.0	U
75-09-2	METHYLENE CHLORIDE	61	
1634-04-4	METHYL TERT-BUTYL ETHER	38	
156-60-5	TRANS-1,2-DICHLOROETHENE	48	
75-34-3	1,1-DICHLOROETHANE	46	
156-59-2	CIS-1,2-DICHLOROETHENE	45	
78-93-3	2-BUTANONE	37	
67-66-3	CHLOROFORM	46	
71-55-6	1,1,1-TRICHLOROETHANE	48	
110-82-7	CYCLOHEXANE	1.0	U
56-23-5	CARBON TETRACHLORIDE	53	
71-43-2	BENZENE	44	
107-06-2	1,2-DICHLOROETHANE	44	
79-01-6	TRICHLOROETHENE	45	
108-87-2	METHYLCYCLOHEXANE	1.0	U
78-87-5	1,2-DICHLOROPROPANE	45	
75-27-4	BROMODICHLOROMETHANE	47	
10061-01-	CIS-1,3-DICHLOROPROPENE	47	

VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

S101507MVOSB1

Lab Name: _____ Contract: _____

SDG No.: TT02001 Run Sequence: R022490

Matrix: (SOIL/SED/WATER) Soil Lab Sample ID: S101507MVOSB1

Sample wt/vol: 5.00 (g/mL) gm Lab File ID: B1015008.D

Level: (LOW/MED) _____ Date Collected: _____

% Moisture: not dec. 0.0 Date/Time Analyzed: 10/15/2007 08:54

GC Column: ZB-624 20m ID: 0.18 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____(uL) Soil Aliquot Volume: _____(uL)

Heated Purge: (Y/N) Y

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/kg	Q
108-10-1	4-METHYL-2-PENTANONE	49	
108-88-3	TOLUENE	42	
10061-02-	TRANS-1,3-DICHLOROPROPENE	41	
79-00-5	1,1,2-TRICHLOROETHANE	43	
127-18-4	TETRACHLOROETHENE	47	
591-78-6	2-HEXANONE	47	
124-48-1	DIBROMOCHLOROMETHANE	46	
106-93-4	1,2-DIBROMOETHANE	43	
108-90-7	CHLOROBENZENE	44	
100-41-4	ETHYLBENZENE	42	
179601-23	M,P-XYLENE	85	
95-47-6	O-XYLENE	40	
100-42-5	STYRENE	40	
75-25-2	BROMOFORM	45	
98-82-8	ISOPROPYLBENZENE	43	
79-34-5	1,1,2,2-TETRACHLOROETHANE	40	
541-73-1	1,3-DICHLOROBENZENE	42	
106-46-7	1,4-DICHLOROBENZENE	43	
95-50-1	1,2-DICHLOROBENZENE	42	
96-12-8	1,2-DIBROMO-3-CHLOROPROPANE	38	
120-82-1	1,2,4-TRICHLOROBENZENE	42	

Comments:

VOLATILE CONTINUING CALIBRATION CHECK

Lab Name: Laucks Testing Laboratories, Inc

Contract:

Run Sequence: R022318

SDG No.: TT02001

Instrument ID: 5973B

Calibration Date: 10/09/2007 Time: 07:54

Lab File ID: B1009008.D

Init. Calib. Date(s): 09/28/2007

Client Sample No.: VSTD050B2

Init. Calib. Time(s): 10:47

Heated Purge: (Y/N) Y

GC Column: ZB-624 20m ID: 0.18 (mm)

Compound	Equation Type	RF 50.0	%D	%Drift
DICHLORODIFLUOROMETHANE	A	0.205	13.52	
CHLOROMETHANE	A	0.381	4.89	
VINYL CHLORIDE	A	0.327	3.45	
BROMOMETHANE	A	0.205	4.51	
CHLOROETHANE	A	0.203	-3.71	
TRICHLOROFLUOROMETHANE	A	0.441	-15.44	
1,1-DICHLOROETHENE	A	0.315	-10.08	
1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	A	0.316	-24.11*	
ACETONE	A	0.105	6.99	
CARBON DISULFIDE	A	0.962	0.79	
METHYL ACETATE	A	0.273	6.63	
METHYLENE CHLORIDE	Q	0.555		45.62*
METHYL TERT-BUTYL ETHER	A	0.928	8.23	
TRANS-1,2-DICHLOROETHENE	A	0.372	-13.17	
1,1-DICHLOROETHANE	A	0.581	-2.90	
CIS-1,2-DICHLOROETHENE	A	0.369	0.85	
2-BUTANONE	A	0.140	15.35	
CHLOROFORM	A	0.574	-2.81	
1,1,1-TRICHLOROETHANE	A	0.489	-11.33	
CYCLOHEXANE	A	0.569	-16.53	
CARBON TETRACHLORIDE	A	0.455	-19.33	
BENZENE	A	1.316	0.14	
1,2-DICHLOROETHANE	A	0.389	1.32	
TRICHLOROETHENE	A	0.340	-0.66	
METHYLCYCLOHEXANE	A	0.595	-16.61	
1,2-DICHLOROPROPANE	A	0.316	-2.39	
BROMODICHLOROMETHANE	A	0.434	-5.35	
CIS-1,3-DICHLOROPROPENE	A	0.494	-3.43	
4-METHYL-2-PENTANONE	A	0.325	6.13	
TOLUENE	A	0.920	0.06	
TRANS-1,3-DICHLOROPROPENE	A	0.498	7.35	
1,1,2-TRICHLOROETHANE	A	0.325	4.21	

* = %D or %Drift above limit

= %D or %Drift limts are not configured

VOLATILE CONTINUING CALIBRATION CHECK

Lab Name: Laucks Testing Laboratories, Inc

Contract:

Run Sequence: R022318

SDG No.: TT02001

Instrument ID: 5973B

Calibration Date: 10/09/2007 Time: 07:54

Lab File ID: B1009008.D

Init. Calib. Date(s): 09/28/2007

Client Sample No.: VSTD050B2

Init. Calib. Time(s): 10:47

Heated Purge: (Y/N) Y

GC Column: ZB-624 20m ID: 0.18 (mm)

Compound	Equation Type	RF 50.0	%D	%Drift
TETRACHLOROETHENE	A	0.423	-4.28	
2-HEXANONE	A	0.266	6.15	
DIBROMOCHLOROMETHANE	A	0.407	1.61	
1,2-DIBROMOETHANE	A	0.341	6.27	
CHLOROBENZENE	A	1.122	-1.38	
ETHYLBENZENE	A	1.840	-2.95	
M,P-XYLENE	A	0.728	-1.03	
O-XYLENE	A	0.725	4.26	
STYRENE	A	1.312	2.24	
BROMOFORM	A	0.331	5.72	
ISOPROPYLBENZENE	A	1.744	-0.36	
1,1,2,2-TETRACHLOROETHANE	A	0.845	7.48	
1,3-DICHLOROBENZENE	A	1.814	-1.07	
1,4-DICHLOROBENZENE	A	1.833	-1.48	
1,2-DICHLOROBENZENE	A	1.729	0.05	
1,2-DIBROMO-3-CHLOROPROPANE	A	0.154	12.62	
1,2,4-TRICHLOROBENZENE	A	1.299	2.50	
DIBROMOFLUOROMETHANE	A	0.264	6.45	
1,2-DICHLOROETHANE-D4	A	0.227	9.86	
TOLUENE-D8	A	1.033	8.99	
4-BROMOFLUOROBENZENE	A	0.697	11.27	

* = %D or %Drift above limit

= %D or %Drift limts are not configured

VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

08SSW011MS

Lab Name: _____ Contract: _____

SDG No.: TT02001 Run Sequence: R022318

Matrix: (SOIL/SED/WATER) Soil Lab Sample ID: TT02001-011MS

Sample wt/vol: 4.17 (g/mL) gm Lab File ID: B1009033.D

Level: (LOW/MED) _____ Date Collected: 10/03/2007

% Moisture: not dec. 15.0 Date/Time Analyzed: 10/09/2007 18:53

GC Column: ZB-624 20m ID: 0.18 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____(uL) Soil Aliquot Volume: _____(uL)

Heated Purge: (Y/N) Y

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/kg	Q
1330-20-7	XYLENES, TOTAL	160	
75-71-8	DICHLORODIFLUOROMETHANE	60	
74-87-3	CHLOROMETHANE	57	
75-01-4	VINYL CHLORIDE	63	
74-83-9	BROMOMETHANE	37	
75-00-3	CHLOROETHANE	66	
75-69-4	TRICHLOROFLUOROMETHANE	69	
75-35-4	1,1-DICHLOROETHENE	67	
76-13-1	1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	1.4	U
67-64-1	ACETONE	55	B
75-15-0	CARBON DISULFIDE	72	
79-20-9	METHYL ACETATE	1.4	U
75-09-2	METHYLENE CHLORIDE	79	B
1634-04-4	METHYL TERT-BUTYL ETHER	59	
156-60-5	TRANS-1,2-DICHLOROETHENE	67	
75-34-3	1,1-DICHLOROETHANE	70	
156-59-2	CIS-1,2-DICHLOROETHENE	82	
78-93-3	2-BUTANONE	34	
67-66-3	CHLOROFORM	64	
71-55-6	1,1,1-TRICHLOROETHANE	91	
110-82-7	CYCLOHEXANE	1.4	U
56-23-5	CARBON TETRACHLORIDE	72	
71-43-2	BENZENE	58	
107-06-2	1,2-DICHLOROETHANE	61	
79-01-6	TRICHLOROETHENE	79	
108-87-2	METHYLCYCLOHEXANE	1.4	U
78-87-5	1,2-DICHLOROPROPANE	60	
75-27-4	BROMODICHLOROMETHANE	62	
10061-01-	CIS-1,3-DICHLOROPROPENE	38	

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VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

08SSW011MS

Lab Name: _____ Contract: _____

SDG No.: TT02001 Run Sequence: R022318

Matrix: (SOIL/SED/WATER) Soil Lab Sample ID: TT02001-011MS

Sample wt/vol: 4.17 (g/mL) gm Lab File ID: B1009033.D

Level: (LOW/MED) _____ Date Collected: 10/03/2007

% Moisture: not dec. 15.0 Date/Time Analyzed: 10/09/2007 18:53

GC Column: ZB-624 20m ID: 0.18 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____(uL) Soil Aliquot Volume: _____(uL)

Heated Purge: (Y/N) Y

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/kg	Q
108-10-1	4-METHYL-2-PENTANONE	43	
108-88-3	TOLUENE	58	
10061-02-	TRANS-1,3-DICHLOROPROPENE	41	
79-00-5	1,1,2-TRICHLOROETHANE	59	
127-18-4	TETRACHLOROETHENE	60	
591-78-6	2-HEXANONE	21	
124-48-1	DIBROMOCHLOROMETHANE	62	
106-93-4	1,2-DIBROMOETHANE	53	
108-90-7	CHLOROBENZENE	57	
100-41-4	ETHYLBENZENE	55	
179601-23	M,P-XYLENE	110	
95-47-6	O-XYLENE	52	
100-42-5	STYRENE	46	
75-25-2	BROMOFORM	54	
98-82-8	ISOPROPYLBENZENE	55	
79-34-5	1,1,2,2-TETRACHLOROETHANE	56	
541-73-1	1,3-DICHLOROBENZENE	49	
106-46-7	1,4-DICHLOROBENZENE	49	
95-50-1	1,2-DICHLOROBENZENE	49	
96-12-8	1,2-DIBROMO-3-CHLOROPROPANE	47	
120-82-1	1,2,4-TRICHLOROBENZENE	27	

Comments:

VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

08SSW011MSD

Lab Name: _____ Contract: _____

SDG No.: TT02001 Run Sequence: R022318

Matrix: (SOIL/SED/WATER) Soil Lab Sample ID: TT02001-011MSD

Sample wt/vol: 5.84 (g/mL) gm Lab File ID: B1009034.D

Level: (LOW/MED) _____ Date Collected: 10/03/2007

% Moisture: not dec. 15.0 Date/Time Analyzed: 10/09/2007 19:20

GC Column: ZB-624 20m ID: 0.18 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____(uL) Soil Aliquot Volume: _____(uL)

Heated Purge: (Y/N) Y

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/kg	Q
1330-20-7	XYLENES, TOTAL	120	
75-71-8	DICHLORODIFLUOROMETHANE	42	
74-87-3	CHLOROMETHANE	40	
75-01-4	VINYL CHLORIDE	45	
74-83-9	BROMOMETHANE	21	
75-00-3	CHLOROETHANE	48	
75-69-4	TRICHLOROFLUOROMETHANE	49	
75-35-4	1,1-DICHLOROETHENE	50	
76-13-1	1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	1.0	U
67-64-1	ACETONE	34	B
75-15-0	CARBON DISULFIDE	52	
79-20-9	METHYL ACETATE	1.0	U
75-09-2	METHYLENE CHLORIDE	59	B
1634-04-4	METHYL TERT-BUTYL ETHER	45	
156-60-5	TRANS-1,2-DICHLOROETHENE	50	
75-34-3	1,1-DICHLOROETHANE	53	
156-59-2	CIS-1,2-DICHLOROETHENE	69	
78-93-3	2-BUTANONE	20	
67-66-3	CHLOROFORM	48	
71-55-6	1,1,1-TRICHLOROETHANE	69	
110-82-7	CYCLOHEXANE	1.0	U
56-23-5	CARBON TETRACHLORIDE	54	
71-43-2	BENZENE	43	
107-06-2	1,2-DICHLOROETHANE	45	
79-01-6	TRICHLOROETHENE	60	
108-87-2	METHYLCYCLOHEXANE	1.0	U
78-87-5	1,2-DICHLOROPROPANE	44	
75-27-4	BROMODICHLOROMETHANE	45	
10061-01-	CIS-1,3-DICHLOROPROPENE	24	

VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

08SSW011MSD

Lab Name: _____ Contract: _____

SDG No.: TT02001 Run Sequence: R022318

Matrix: (SOIL/SED/WATER) Soil Lab Sample ID: TT02001-011MSD

Sample wt/vol: 5.84 (g/mL) gm Lab File ID: B1009034.D

Level: (LOW/MED) _____ Date Collected: 10/03/2007

% Moisture: not dec. 15.0 Date/Time Analyzed: 10/09/2007 19:20

GC Column: ZB-624 20m ID: 0.18 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____(uL) Soil Aliquot Volume: _____(uL)

Heated Purge: (Y/N) Y

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/kg	Q
108-10-1	4-METHYL-2-PENTANONE	27	
108-88-3	TOLUENE	43	
10061-02-	TRANS-1,3-DICHLOROPROPENE	27	
79-00-5	1,1,2-TRICHLOROETHANE	44	
127-18-4	TETRACHLOROETHENE	43	
591-78-6	2-HEXANONE	11	
124-48-1	DIBROMOCHLOROMETHANE	45	
106-93-4	1,2-DIBROMOETHANE	38	
108-90-7	CHLOROBENZENE	41	
100-41-4	ETHYLBENZENE	40	
179601-23	M,P-XYLENE	79	
95-47-6	O-XYLENE	38	
100-42-5	STYRENE	31	
75-25-2	BROMOFORM	38	
98-82-8	ISOPROPYLBENZENE	39	
79-34-5	1,1,2,2-TETRACHLOROETHANE	43	
541-73-1	1,3-DICHLOROBENZENE	33	
106-46-7	1,4-DICHLOROBENZENE	33	
95-50-1	1,2-DICHLOROBENZENE	33	
96-12-8	1,2-DIBROMO-3-CHLOROPROPANE	35	
120-82-1	1,2,4-TRICHLOROBENZENE	17	

Comments:

QC SUMMARY

SDG TT02001

VOLATILES ANALYSIS

SOIL VOLATILE SYSTEM MONITORING COMPOUND RECOVERY

Lab Name: Laucks Testing Laboratories, Inc Contract:

SDG No.: TT02001 Run Sequence: R022318

Level: (LOW/MED) NONE

CLIENT SAMPLE NUMBER	SMC1 (DBF) #	SMC2 (DCA) #	SMC3 (TOL) #	SMC4 (BFB) #	TOT OUT
(TT02001-011MSD) 08SSW011MSD	105	100	107	104	0
(TT02001-011MS) 08SSW011MS	103	98	104	100	0
(TT02001-016) 08SSW015	111	105	109	115	0
(TT02001-017) 08SSW016	110	105	111	113	0
(TT02001-015) 08SSW014	117	111	101	100	0
(TT02001-014) 08FD10030701	109	104	106	105	0
(TT02001-013) 08SSW013	127	124	92	96	0
(TT02001-012) 08SSW012	108	102	105	102	0
(TT02001-011) 08SSW011	112	110	101	101	0
(TT02001-010) 08SSW010	113	106	99	98	0
(TT02001-009) 08SSW009	112	108	101	97	0
(TT02001-008) 08SSW008	119	113	99	108	0
(TT02001-007) 08SSW007	109	102	104	104	0
(TT02001-006) 08SSW006	113	123	83 *	96	1
(TT02001-005) 08SSW005	107	100	103	99	0
(TT02001-004) 08SSW004	104	98	113	119	0
(TT02001-003) 08SSW003	117	107	101	99	0
(TT02001-002) 08SSW002	108	105	104	98	0
(TT02001-001) 08SSW001	109	102	102	100	0
(TT02001-018) 08TB100407	111	108	102	99	0

SOIL VOLATILE SYSTEM MONITORING COMPOUND RECOVERY

Lab Name: Laucks Testing Laboratories, Inc Contract:

SDG No.: TT02001 Run Sequence: R022318

Level: (LOW/MED) NONE

CLIENT SAMPLE NUMBER	SMC1 (DBF) #	SMC2 (DCA) #	SMC3 (TOL) #	SMC4 (BFB) #	TOT OUT
(B100907MVOSB2) B100907MVOSB2	108	104	103	99	0
(S100907MVOSB1) S100907MVOSB1	104	101	103	96	0

			QC LIMITS
SMC1	(DBF) =	DIBROMOFLUOROMETHANE	65-135
SMC2	(DCA) =	1,2-DICHLOROETHANE-D4	52-149
SMC3	(TOL) =	TOLUENE-D8	85-115
SMC4	(BFB) =	4-BROMOFLUOROBENZENE	85-120

Column to be used to flag recovery values
* Values outside of contract required QC limits

2

SOIL VOLATILE SYSTEM MONITORING COMPOUND RECOVERY

Lab Name: Laucks Testing Laboratories, Inc Contract: _____

SDG No.: TT02001 Run Sequence: R022374

Level: (LOW/MED) NONE

CLIENT SAMPLE NUMBER	SMC1 (DBF) #	SMC2 (DCA) #	SMC3 (TOL) #	SMC4 (BFB) #	TOT OUT
(TT02001-001DL) 08SSW001DL	113	110	101	99	0
(TT02001-004DL) 08SSW004DL	114	109	103	101	0
(TT02001-015DL) 08SSW014DL	112	109	102	104	0
(TT02001-014DL) 08FD10030701DL	112	110	102	101	0
(TT02001-003DL) 08SSW003DL	116	111	101	99	0
(TT02001-013RE) 08SSW013RE	113	108	102	97	0
(TT02001-008RE) 08SSW008RE	108	104	109	115	0
(TT02001-006RE) 08SSW006RE	110	104	103	102	0
(B101007MVOSB2) B101007MVOSB2	107	105	105	100	0
(S101007MVOSB1) S101007MVOSB1	107	103	102	95	0

		QC LIMITS
SMC1 (DBF) =	DIBROMOFLUOROMETHANE	65-135
SMC2 (DCA) =	1,2-DICHLOROETHANE-D4	52-149
SMC3 (TOL) =	TOLUENE-D8	85-115
SMC4 (BFB) =	4-BROMOFLUOROBENZENE	85-120

Column to be used to flag recovery values
* Values outside of contract required QC limits

SOIL VOLATILE SYSTEM MONITORING COMPOUND RECOVERY

Lab Name: Laucks Testing Laboratories, Inc Contract:

SDG No.: TT02001 Run Sequence: R022490

Level: (LOW/MED) NONE

CLIENT SAMPLE NUMBER	SMC1 (DBF) #	SMC2 (DCA) #	SMC3 (TOL) #	SMC4 (BFB) #	TOT OUT
(TT02001-004DL2) 08SSW004DL2	116	108	102	105	0
(TT02001-001DL2) 08SSW001DL2	115	108	99	98	0
(TT02001-003DL2) 08SSW003DL2	114	108	100	101	0
(TT02001-015DL2) 08SSW014DL2	115	109	99	98	0
(TT02001-014DL2) 08FD10030701DL2	112	103	104	102	0
(B101507MVOSB3) B101507MVOSB3	112	105	100	94	0
(S101507MVOSB1) S101507MVOSB1	105	99	102	93	0

		QC LIMITS
SMC1 (DBF) =	DIBROMOFLUOROMETHANE	65-135
SMC2 (DCA) =	1,2-DICHLOROETHANE-D4	52-149
SMC3 (TOL) =	TOLUENE-D8	85-115
SMC4 (BFB) =	4-BROMOFLUOROBENZENE	85-120

Column to be used to flag recovery values
* Values outside of contract required QC limits

3B
SOIL VOLATILE BLANK SPIKE RECOVERY

Lab Name: Laucks Testing Laboratories, Inc Contract: N/A

BS Run Sequence: R022318 SDG No.: TT02001

BS Lab Sample ID: S100907MVOSB1

Level: N/A Units: ug/kg

Analyte	Spike Added	Found	% Rec #	Rec Limit
XYLENES, TOTAL	150	149.08	99	60-140
DICHLORODIFLUOROMETHANE	50.0	50.44	101	35-135
CHLOROMETHANE	50.0	47.35	95	50-130
VINYL CHLORIDE	50.0	51.38	103	60-125
BROMOMETHANE	50.0	46.9	94	30-160
CHLOROETHANE	50.0	51.32	103	40-155
TRICHLOROFLUOROMETHANE	50.0	56.85	114	25-185
1,1-DICHLOROETHENE	50.0	56.55	113	65-135
ACETONE	50.0	56.1	112	20-160
CARBON DISULFIDE	50.0	66.45	133	45-160
METHYLENE CHLORIDE	50.0	59.99	120	55-140
METHYL TERT-BUTYL ETHER	50.0	47.3	95	60-140
TRANS-1,2-DICHLOROETHENE	50.0	57.23	114	65-135
1,1-DICHLOROETHANE	50.0	54.53	109	75-125
CIS-1,2-DICHLOROETHENE	50.0	50	100	65-125
2-BUTANONE	50.0	54.94	110	30-160
CHLOROFORM	50.0	52.97	106	70-125
1,1,1-TRICHLOROETHANE	50.0	58.57	117	70-135
CARBON TETRACHLORIDE	50.0	63.11	126	65-135
BENZENE	50.0	49.36	99	75-125
1,2-DICHLOROETHANE	50.0	49.62	99	70-135
TRICHLOROETHENE	50.0	51.57	103	75-125
1,2-DICHLOROPROPANE	50.0	49.71	99	70-120
BROMODICHLOROMETHANE	50.0	51.57	103	70-130
CIS-1,3-DICHLOROPROPENE	50.0	51.01	102	70-125
4-METHYL-2-PENTANONE	50.0	57.1	114	45-145
TOLUENE	50.0	49.44	99	70-125
TRANS-1,3-DICHLOROPROPENE	50.0	46.47	93	65-125
1,1,2-TRICHLOROETHANE	50.0	47.92	96	60-125
TETRACHLOROETHENE	50.0	56.04	112	65-140
2-HEXANONE	50.0	56.98	114	45-145
DIBROMOCHLOROMETHANE	50.0	50.57	101	65-130
1,2-DIBROMOETHANE	50.0	48.19	96	70-125
CHLOROBENZENE	50.0	50.51	101	75-125

Column to be used to flag recovery and RPD values with an asterisk
* Values outside of QC limits

Spike Recovery: 0 out of 46 outside limits

COMMENTS:

3B
SOIL VOLATILE BLANK SPIKE RECOVERY

Lab Name: Laucks Testing Laboratories, Inc Contract: N/A

BS Run Sequence: R022318 SDG No.: TT02001

BS Lab Sample ID: S100907MVOSB1

Level: N/A Units: ug/kg

Analyte	Spike Added	Found	% Rec #	Rec Limit
ETHYLBENZENE	50.0	50.3	101	75-125
M,P-XYLENE	100	101.6	102	80-125
O-XYLENE	50.0	47.48	95	75-125
STYRENE	50.0	46.71	93	75-125
BROMOFORM	50.0	49.56	99	55-135
ISOPROPYLBENZENE	50.0	52.51	105	75-130
1,1,2,2-TETRACHLOROETHANE	50.0	48.68	97	55-130
1,3-DICHLOROBENZENE	50.0	50.22	100	70-125
1,4-DICHLOROBENZENE	50.0	50.61	101	70-125
1,2-DICHLOROBENZENE	50.0	48.99	98	75-120
1,2-DIBROMO-3-CHLOROPROPANE	50.0	48.91	98	40-135
1,2,4-TRICHLOROBENZENE	50.0	46.23	92	65-130

Column to be used to flag recovery and RPD values with an asterisk
* Values outside of QC limits

Spike Recovery: 0 out of 46 outside limits

COMMENTS:

3B
SOIL VOLATILE BLANK SPIKE RECOVERY

Lab Name: Laucks Testing Laboratories, Inc Contract: N/A

BS Run Sequence: R022374 SDG No.: TT02001

BS Lab Sample ID: S101007MVOSB1

Level: N/A Units: ug/kg

Analyte	Spike Added	Found	% Rec #	Rec Limit
XYLENES, TOTAL	150	146.4	98	60-140
DICHLORODIFLUOROMETHANE	50.0	43.04	86	35-135
CHLOROMETHANE	50.0	45.78	92	50-130
VINYL CHLORIDE	50.0	47.69	95	60-125
BROMOMETHANE	50.0	45.62	91	30-160
CHLOROETHANE	50.0	49.68	99	40-155
TRICHLOROFLUOROMETHANE	50.0	53.92	108	25-185
1,1-DICHLOROETHENE	50.0	53.17	106	65-135
ACETONE	50.0	51.4	103	20-160
CARBON DISULFIDE	50.0	64.28	129	45-160
METHYLENE CHLORIDE	50.0	63.91	128	55-140
METHYL TERT-BUTYL ETHER	50.0	48.78	98	60-140
TRANS-1,2-DICHLOROETHENE	50.0	55.49	111	65-135
1,1-DICHLOROETHANE	50.0	53.23	106	75-125
CIS-1,2-DICHLOROETHENE	50.0	51.15	102	65-125
2-BUTANONE	50.0	46.28	93	30-160
CHLOROFORM	50.0	52.66	105	70-125
1,1,1-TRICHLOROETHANE	50.0	55.47	111	70-135
CARBON TETRACHLORIDE	50.0	60.2	120	65-135
BENZENE	50.0	48.66	97	75-125
1,2-DICHLOROETHANE	50.0	49.88	100	70-135
TRICHLOROETHENE	50.0	49.35	99	75-125
1,2-DICHLOROPROPANE	50.0	50.53	101	70-120
BROMODICHLOROMETHANE	50.0	52.24	104	70-130
CIS-1,3-DICHLOROPROPENE	50.0	52.18	104	70-125
4-METHYL-2-PENTANONE	50.0	53.06	106	45-145
TOLUENE	50.0	47.87	96	70-125
TRANS-1,3-DICHLOROPROPENE	50.0	46.67	93	65-125
1,1,2-TRICHLOROETHANE	50.0	47.56	95	60-125
TETRACHLOROETHENE	50.0	52.51	105	65-140
2-HEXANONE	50.0	51.5	103	45-145
DIBROMOCHLOROMETHANE	50.0	51.94	104	65-130
1,2-DIBROMOETHANE	50.0	47.91	96	70-125
CHLOROBENZENE	50.0	50.83	102	75-125

Column to be used to flag recovery and RPD values with an asterisk
* Values outside of QC limits

Spike Recovery: 0 out of 46 outside limits

COMMENTS:

3B
SOIL VOLATILE BLANK SPIKE RECOVERY

Lab Name: Laucks Testing Laboratories, Inc Contract: N/A

BS Run Sequence: R022374 SDG No.: TT02001

BS Lab Sample ID: S101007MVOSB1

Level: N/A Units: ug/kg

Analyte	Spike Added	Found	% Rec #	Rec Limit
ETHYLBENZENE	50.0	48.83	98	75-125
M,P-XYLENE	100	99.34	99	80-125
O-XYLENE	50.0	47.06	94	75-125
STYRENE	50.0	46.86	94	75-125
BROMOFORM	50.0	50	100	55-135
ISOPROPYLBENZENE	50.0	50.6	101	75-130
1,1,2,2-TETRACHLOROETHANE	50.0	45.5	91	55-130
1,3-DICHLOROBENZENE	50.0	48.56	97	70-125
1,4-DICHLOROBENZENE	50.0	49.61	99	70-125
1,2-DICHLOROBENZENE	50.0	48.65	97	75-120
1,2-DIBROMO-3-CHLOROPROPANE	50.0	42.32	85	40-135
1,2,4-TRICHLOROBENZENE	50.0	45.81	92	65-130

Column to be used to flag recovery and RPD values with an asterisk
* Values outside of QC limits

Spike Recovery: 0 out of 46 outside limits

COMMENTS:

3B
SOIL VOLATILE BLANK SPIKE RECOVERY

Lab Name: Laucks Testing Laboratories, Inc Contract: N/A

BS Run Sequence: R022490 SDG No.: TT02001

BS Lab Sample ID: S101507MVOSB1

Level: N/A Units: ug/kg

Analyte	Spike Added	Found	% Rec #	Rec Limit
XYLENES, TOTAL	150	125.09	83	60-140
DICHLORODIFLUOROMETHANE	50.0	45.34	91	35-135
CHLOROMETHANE	50.0	40.78	82	50-130
VINYL CHLORIDE	50.0	42.37	85	60-125
BROMOMETHANE	50.0	38.76	78	30-160
CHLOROETHANE	50.0	42.44	85	40-155
TRICHLOROFLUOROMETHANE	50.0	46.97	94	25-185
1,1-DICHLOROETHENE	50.0	47.84	96	65-135
ACETONE	50.0	30.95	62	20-160
CARBON DISULFIDE	50.0	49.69	99	45-160
METHYLENE CHLORIDE	50.0	60.87	122	55-140
METHYL TERT-BUTYL ETHER	50.0	37.55	75	60-140
TRANS-1,2-DICHLOROETHENE	50.0	48.3	97	65-135
1,1-DICHLOROETHANE	50.0	46.41	93	75-125
CIS-1,2-DICHLOROETHENE	50.0	44.83	90	65-125
2-BUTANONE	50.0	36.87	74	30-160
CHLOROFORM	50.0	46.28	93	70-125
1,1,1-TRICHLOROETHANE	50.0	48.34	97	70-135
CARBON TETRACHLORIDE	50.0	52.64	105	65-135
BENZENE	50.0	43.67	87	75-125
1,2-DICHLOROETHANE	50.0	44.08	88	70-135
TRICHLOROETHENE	50.0	45.43	91	75-125
1,2-DICHLOROPROPANE	50.0	45.21	90	70-120
BROMODICHLOROMETHANE	50.0	46.82	94	70-130
CIS-1,3-DICHLOROPROPENE	50.0	46.57	93	70-125
4-METHYL-2-PENTANONE	50.0	49.14	98	45-145
TOLUENE	50.0	42.16	84	70-125
TRANS-1,3-DICHLOROPROPENE	50.0	41.02	82	65-125
1,1,2-TRICHLOROETHANE	50.0	43.3	87	60-125
TETRACHLOROETHENE	50.0	46.83	94	65-140
2-HEXANONE	50.0	47.02	94	45-145
DIBROMOCHLOROMETHANE	50.0	46.31	93	65-130
1,2-DIBROMOETHANE	50.0	42.77	86	70-125
CHLOROBENZENE	50.0	43.8	88	75-125

Column to be used to flag recovery and RPD values with an asterisk
* Values outside of QC limits

Spike Recovery: 0 out of 46 outside limits

COMMENTS:

3B
SOIL VOLATILE BLANK SPIKE RECOVERY

Lab Name: Laucks Testing Laboratories, Inc Contract: N/A

BS Run Sequence: R022490 SDG No.: TT02001

BS Lab Sample ID: S101507MVOSB1

Level: N/A Units: ug/kg

Analyte	Spike Added	Found	% Rec #	Rec Limit
ETHYLBENZENE	50.0	41.58	83	75-125
M,P-XYLENE	100	84.95	85	80-125
O-XYLENE	50.0	40.14	80	75-125
STYRENE	50.0	39.93	80	75-125
BROMOFORM	50.0	45.17	90	55-135
ISOPROPYLBENZENE	50.0	42.91	86	75-130
1,1,2,2-TETRACHLOROETHANE	50.0	39.9	80	55-130
1,3-DICHLOROBENZENE	50.0	41.96	84	70-125
1,4-DICHLOROBENZENE	50.0	42.89	86	70-125
1,2-DICHLOROBENZENE	50.0	42.47	85	75-120
1,2-DIBROMO-3-CHLOROPROPANE	50.0	37.95	76	40-135
1,2,4-TRICHLOROBENZENE	50.0	41.76	84	65-130

Column to be used to flag recovery and RPD values with an asterisk
* Values outside of QC limits

Spike Recovery: 0 out of 46 outside limits

COMMENTS:

SOIL VOLATILE MATRIX SPIKE/MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: Laucks Testing Laboratories, Inc. Contract: N/A

MS Run Sequence: R022318 MSD Run Sequence: R022318 SDG No.: TT02001

MS Client Sample No.: 08SSW011MS MSD Client Sample No.: 08SSW011MSD

MS Lab Sample ID: TT02001-011MS MSD Lab Sample ID: TT02001-011MSD

Level: N/A Units: ug/kg

COMPOUND	SAMPLE CONC	MS SPIKE ADDED	MS CONC	MS % REC #	MSD SPIKE ADDED	MSD CONC	MSD % REC #	%RPD #	QC LIMITS	
									RPD	REC.
XYLENES, TOTAL	0	212	162.548	77	151	116.217	77	0	30	60-140
DICHLORODIFLUOROMETHANE	0	70.5	60.2342	85	50.4	42.1737	84	2	30	35-135
CHLOROMETHANE	0	70.5	56.9051	81	50.4	40.421	80	1	30	50-130
VINYL CHLORIDE	0	70.5	62.7874	89	50.4	45.0645	89	1	30	60-125
BROMOMETHANE	0	70.5	36.8176	52	50.4	21.394	42	21	30	30-160
CHLOROETHANE	0	70.5	65.8344	93	50.4	47.5322	94	1	30	40-155
TRICHLOROFLUOROMETHANE	0	70.5	69.1212	98	50.4	49.2949	98	0	30	25-185
1,1-DICHLOROETHENE	0	70.5	66.5538	94	50.4	49.9295	99	5	30	65-135
ACETONE	5.6849	70.5	54.8737	70	50.4	33.7732	56	15	30	20-160
CARBON DISULFIDE	0	70.5	71.5334	101	50.4	51.9944	103	2	30	45-160
METHYLENE CHLORIDE	0	70.5	79.4611	113	50.4	59.3574	118	5	30	55-140
METHYL TERT-BUTYL ETHER	0	70.5	59.4301	84	50.4	45.0947	90	6	30	60-140
TRANS-1,2-DICHLOROETHENE	0	70.5	66.9911	95	50.4	49.718	99	4	30	65-135
1,1-DICHLOROETHANE	9.2392	70.5	69.7419	86	50.4	52.5181	86	5	30	75-125
CIS-1,2-DICHLOROETHENE	74.1426	70.5	82.4517	12 *	50.4	69.0673	0 *	16	30	65-125
2-BUTANONE	0	70.5	33.9963	48	50.4	19.8932	39	20	30	30-160
CHLOROFORM	0	70.5	64.4802	91	50.4	47.9049	95	4	30	70-125
1,1,1-TRICHLOROETHANE	92.9952	70.5	90.9296	0 *	50.4	69.4803	0 *	7	30	70-135

Column to be used to flag recovery and RPD values with an asterisk
* Values outside of QC limits
@ This RPD or percent recovery is not flagged as an exceedence because the Sample Found amount is five times or more than the Spike Added amount.

RPD: 1 out of 46 outside limits
Spike Recovery: 24 out of 92 outside limits

COMMENTS:

SOIL VOLATILE MATRIX SPIKE/MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: Laucks Testing Laboratories, Inc. Contract: N/A

MS Run Sequence: R022318 MSD Run Sequence: R022318 SDG No.: TT02001

MS Client Sample No.: 08SSW011MS MSD Client Sample No.: 08SSW011MSD

MS Lab Sample ID: TT02001-011MS MSD Lab Sample ID: TT02001-011MSD

Level: N/A Units: ug/kg

COMPOUND	SAMPLE CONC	MS SPIKE ADDED	MS CONC	MS % REC #	MSD SPIKE ADDED	MSD CONC	MSD % REC #	%RPD #	QC LIMITS	
									RPD	REC.
CARBON TETRACHLORIDE	0	70.5	72.2246	102	50.4	53.6362	107	4	30	65-135
BENZENE	0	70.5	57.8502	82	50.4	42.5564	85	3	30	75-125
1,2-DICHLOROETHANE	0	70.5	61.1511	87	50.4	44.9738	89	3	30	70-135
TRICHLOROETHENE	27.5307	70.5	79.0097	73 *	50.4	60.0121	64 *	6	30	75-125
1,2-DICHLOROPROPANE	0	70.5	59.9379	85	50.4	44.4702	88	4	30	70-120
BROMODICHLOROMETHANE	0	70.5	62.2514	88	50.4	45.4976	90	2	30	70-130
CIS-1,3-DICHLOROPROPENE	0	70.5	37.932	54 *	50.4	23.5193	47 *	14	30	70-125
4-METHYL-2-PENTANONE	0	70.5	42.5589	60	50.4	27.4073	54	10	30	45-145
TOLUENE	0	70.5	57.695	82	50.4	42.5564	85	3	30	70-125
TRANS-1,3-DICHLOROPROPENE	0	70.5	40.8097	58 *	50.4	26.8936	53 *	8	30	65-125
1,1,2-TRICHLOROETHANE	0	70.5	58.9787	84	50.4	43.8961	87	4	30	60-125
TETRACHLOROETHENE	0	70.5	60.1072	85	50.4	43.0802	86	0	30	65-140
2-HEXANONE	0	70.5	20.7081	29 *	50.4	10.7776	21 *	31 *	30	45-145
DIBROMOCHLOROMETHANE	0	70.5	62.1526	88	50.4	45.4774	90	2	30	65-130
1,2-DIBROMOETHANE	0	70.5	52.659	75	50.4	37.782	75	1	30	70-125
CHLOROBENZENE	0	70.5	57.3141	81	50.4	40.5419	81	1	30	75-125
ETHYLBENZENE	0	70.5	54.902	78	50.4	39.857	79	2	30	75-125
M,P-XYLENE	0	141	110.269	78 *	101	78.5254	78 *	0	30	80-125
O-XYLENE	0	70.5	52.2782	74 *	50.4	37.6914	75 *	1	30	75-125

Column to be used to flag recovery and RPD values with an asterisk
* Values outside of QC limits
@ This RPD or percent recovery is not flagged as an exceedence because the Sample Found amount is five times or more than the Spike Added amount.

RPD: 1 out of 46 outside limits
Spike Recovery: 24 out of 92 outside limits

COMMENTS:

SOIL VOLATILE MATRIX SPIKE/MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: Laucks Testing Laboratories, Inc. Contract: N/A

MS Run Sequence: R022318 MSD Run Sequence: R022318 SDG No.: TT02001

MS Client Sample No.: 08SSW011MS MSD Client Sample No.: 08SSW011MSD

MS Lab Sample ID: TT02001-011MS MSD Lab Sample ID: TT02001-011MSD

Level: N/A Units: ug/kg

COMPOUND	SAMPLE CONC	MS SPIKE ADDED	MS CONC	MS % REC #	MSD SPIKE ADDED	MSD CONC	MSD % REC #	%RPD #	QC LIMITS	
									RPD	REC.
STYRENE	0	70.5	46.2124	66 *	50.4	31.3255	62 *	5	30	75-125
BROMOFORM	0	70.5	53.7593	76	50.4	37.7921	75	2	30	55-135
ISOPROPYLBENZENE	0	70.5	55.0853	78	50.4	39.0814	78	1	30	75-130
1,1,2,2-TETRACHLOROETHANE	0	70.5	56.4537	80	50.4	42.8082	85	6	30	55-130
1,3-DICHLOROBENZENE	0	70.5	49.1607	70	50.4	32.9371	65 *	6	30	70-125
1,4-DICHLOROBENZENE	0	70.5	49.0619	70	50.4	33.1386	66 *	6	30	70-125
1,2-DICHLOROBENZENE	0	70.5	49.1184	70 *	50.4	33.189	66 *	6	30	75-120
1,2-DIBROMO-3-CHLOROPROPANE	0	70.5	47.1294	67	50.4	34.7804	69	3	30	40-135
1,2,4-TRICHLOROBENZENE	0	70.5	27.056	38 *	50.4	16.9521	34 *	13	30	65-130

Column to be used to flag recovery and RPD values with an asterisk
* Values outside of QC limits
@ This RPD or percent recovery is not flagged as an exceedence because the Sample Found amount is five times or more than the Spike Added amount.

RPD: 1 out of 46 outside limits
Spike Recovery: 24 out of 92 outside limits

COMMENTS:

4

VOLATILE METHOD BLANK SUMMARY

CLIENT SAMPLE NO.

B100907MVOSB2

Lab Name Laucks Testing Laboratories, Inc. Contract:

SDG No.: TT02001

Lab File ID: B1009012.D Lab Sample ID: B100907MVOSB2

Date Analyzed: 10/09/2007 Time Analyzed: 09:40

GC Column: ZB-624 20m ID: 0.18 (mm) Heated Purge: (Y/N) Y

Instrument ID: 5973B Matrix: Soil

	CLIENT SAMPLE NO.	LAB SAMPLE ID.	LAB FILE ID.	DATE ANALYZED	TIME ANALYZED	RUN SEQUENCE
01	S100907MVOSB1	S100907MVOSB1	B1009009.D	10/09/2007	08:21	R022318
02	08TB100407	TT02001-018	B1009013.D	10/09/2007	10:06	R022318
03	08SSW001	TT02001-001	B1009015.D	10/09/2007	10:59	R022318
04	08SSW002	TT02001-002	B1009016.D	10/09/2007	11:25	R022318
05	08SSW003	TT02001-003	B1009017.D	10/09/2007	11:52	R022318
06	08SSW004	TT02001-004	B1009018.D	10/09/2007	12:18	R022318
07	08SSW005	TT02001-005	B1009019.D	10/09/2007	12:45	R022318
08	08SSW006	TT02001-006	B1009020.D	10/09/2007	13:11	R022318
09	08SSW007	TT02001-007	B1009021.D	10/09/2007	13:38	R022318
10	08SSW008	TT02001-008	B1009022.D	10/09/2007	14:04	R022318
11	08SSW009	TT02001-009	B1009023.D	10/09/2007	14:31	R022318
12	08SSW010	TT02001-010	B1009024.D	10/09/2007	14:57	R022318
13	08SSW011	TT02001-011	B1009025.D	10/09/2007	15:23	R022318
14	08SSW012	TT02001-012	B1009026.D	10/09/2007	15:49	R022318
15	08SSW013	TT02001-013	B1009027.D	10/09/2007	16:16	R022318
16	08FD10030701	TT02001-014	B1009028.D	10/09/2007	16:42	R022318
17	08SSW014	TT02001-015	B1009029.D	10/09/2007	17:08	R022318
18	08SSW016	TT02001-017	B1009030.D	10/09/2007	17:34	R022318
19	08SSW015	TT02001-016	B1009032.D	10/09/2007	18:27	R022318
20	08SSW011MS	TT02001-011MS	B1009033.D	10/09/2007	18:53	R022318
21	08SSW011MSD	TT02001-011MSD	B1009034.D	10/09/2007	19:20	R022318
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COMMENTS:

4

VOLATILE METHOD BLANK SUMMARY

CLIENT SAMPLE NO.

B101007MVOSB2

Lab Name Laucks Testing Laboratories, Inc.

Contract:

SDG No.: TT02001

Lab File ID: B1010010.D

Lab Sample ID: B101007MVOSB2

Date Analyzed: 10/10/2007

Time Analyzed: 09:43

GC Column: ZB-624 20m ID: 0.18 (mm)

Heated Purge: (Y/N) Y

Instrument ID: 5973B

Matrix: Soil

	CLIENT SAMPLE NO.	LAB SAMPLE ID.	LAB FILE ID.	DATE ANALYZED	TIME ANALYZED	RUN SEQUENCE
01	S101007MVOSB1	S101007MVOSB1	B1010007.D	10/10/2007	08:21	R022374
02	08SSW006RE	TT02001-006RE	B1010013.D	10/10/2007	11:02	R022374
03	08SSW008RE	TT02001-008RE	B1010014.D	10/10/2007	11:28	R022374
04	08SSW013RE	TT02001-013RE	B1010015.D	10/10/2007	11:54	R022374
05	08SSW003DL	TT02001-003DL	B1010016.D	10/10/2007	12:20	R022374
06	08FD10030701DL	TT02001-014DL	B1010017.D	10/10/2007	12:46	R022374
07	08SSW014DL	TT02001-015DL	B1010018.D	10/10/2007	13:13	R022374
08	08SSW004DL	TT02001-004DL	B1010019.D	10/10/2007	13:39	R022374
09	08SSW001DL	TT02001-001DL	B1010020.D	10/10/2007	14:06	R022374
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COMMENTS:

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VOLATILE METHOD BLANK SUMMARY

CLIENT SAMPLE NO.

B101507MVOSB3

Lab Name Laucks Testing Laboratories, Inc. Contract:

SDG No.: TT02001

Lab File ID: B1015012.D Lab Sample ID: B101507MVOSB3

Date Analyzed: 10/15/2007 Time Analyzed: 11:06

GC Column: ZB-624 20m ID: 0.18 (mm) Heated Purge: (Y/N) Y

Instrument ID: 5973B Matrix: Soil

	CLIENT SAMPLE NO.	LAB SAMPLE ID.	LAB FILE ID.	DATE ANALYZED	TIME ANALYZED	RUN SEQUENCE
01	S101507MVOSB1	S101507MVOSB1	B1015008.D	10/15/2007	08:54	R022490
02	08FD10030701DL2	TT02001-014DL2	B1015025.D	10/15/2007	16:46	R022490
03	08SSW014DL2	TT02001-015DL2	B1015026.D	10/15/2007	17:11	R022490
04	08SSW003DL2	TT02001-003DL2	B1015027.D	10/15/2007	17:37	R022490
05	08SSW001DL2	TT02001-001DL2	B1015028.D	10/15/2007	18:04	R022490
06	08SSW004DL2	TT02001-004DL2	B1015029.D	10/15/2007	18:31	R022490
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COMMENTS:

CLIENT SAMPLE NO.

BFBB2

VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: Laucks Testing Laboratories, Inc Contract:

Run Sequence: CAL1143 SDG No.: TT02001

Lab File ID: B0928008.D BFB Injection Date: 09/28/2007

Instrument ID: 5973B BFB Injection Time: 10:47

GC Column ZB-624 20m ID: 0.18 (mm)

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
50	15% to 40% of mass 95	16.7
75	30% to 60% of mass 95	44.5
95	base peak, 100% relative abundance	100
96	5% to 9% of mass 95	6.6
173	less than 2% of mass 174	0()1
174	greater than 50% of mass 95	94.1
175	5% to 9% of mass 17	7.5()1
176	greater than 95%, but less than 101% of mass 174	97.8()1
177	5% to 9% of mass 176	7.1()2

1 - Value is %mass 174 2 - Value is %mass 176

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS, AND STANDARDS:

	CLIENT SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
01	VSTD002	VSTD002	B0928009.D	09/28/2007	11:11
02	VSTD003	VSTD003	B0928010.D	09/28/2007	11:37
03	VSTD010	VSTD010	B0928011.D	09/28/2007	12:04
04	VSTD020	VSTD020	B0928012.D	09/28/2007	12:29
05	VSTD050	VSTD050	B0928013.D	09/28/2007	12:55
06	VSTD100	VSTD100	B0928014.D	09/28/2007	13:21
07	VSTD200	VSTD200	B0928015.D	09/28/2007	13:48
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CLIENT SAMPLE NO.

BFB4

VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: Laucks Testing Laboratories, Inc Contract:

Run Sequence: R022318 SDG No.: TT02001

Lab File ID: B1009007.D BFB Injection Date: 10/09/2007

Instrument ID: 5973B BFB Injection Time: 07:28

GC Column ZB-624 20m ID: 0.18 (mm)

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
50	15% to 40% of mass 95	16.8
75	30% to 60% of mass 95	44.8
95	base peak, 100% relative abundance	100
96	5% to 9% of mass 95	6.9
173	less than 2% of mass 174	0()1
174	greater than 50% of mass 95	99.3
175	5% to 9% of mass 17	7.3()1
176	greater than 95%, but less than 101% of mass 174	97.6()1
177	5% to 9% of mass 176	6.7()2

1 - Value is %mass 174 2 - Value is %mass 176

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS, AND STANDARDS:

	CLIENT SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
01	VSTD050B2	VSTD050B2	B1009008.D	10/09/2007	07:54
02	S100907MVOSB1	S100907MVOSB1	B1009009.D	10/09/2007	08:21
03	B100907MVOSB2	B100907MVOSB2	B1009012.D	10/09/2007	09:40
04	08TB100407	TT02001-018	B1009013.D	10/09/2007	10:06
05	08SSW001	TT02001-001	B1009015.D	10/09/2007	10:59
06	08SSW002	TT02001-002	B1009016.D	10/09/2007	11:25
07	08SSW003	TT02001-003	B1009017.D	10/09/2007	11:52
08	08SSW004	TT02001-004	B1009018.D	10/09/2007	12:18
09	08SSW005	TT02001-005	B1009019.D	10/09/2007	12:45
10	08SSW006	TT02001-006	B1009020.D	10/09/2007	13:11
11	08SSW007	TT02001-007	B1009021.D	10/09/2007	13:38
12	08SSW008	TT02001-008	B1009022.D	10/09/2007	14:04
13	08SSW009	TT02001-009	B1009023.D	10/09/2007	14:31
14	08SSW010	TT02001-010	B1009024.D	10/09/2007	14:57
15	08SSW011	TT02001-011	B1009025.D	10/09/2007	15:23
16	08SSW012	TT02001-012	B1009026.D	10/09/2007	15:49
17	08SSW013	TT02001-013	B1009027.D	10/09/2007	16:16
18	08FD10030701	TT02001-014	B1009028.D	10/09/2007	16:42
19	08SSW014	TT02001-015	B1009029.D	10/09/2007	17:08
20	08SSW016	TT02001-017	B1009030.D	10/09/2007	17:34
21	08SSW015	TT02001-016	B1009032.D	10/09/2007	18:27
22	08SSW011MS	TT02001-011MS	B1009033.D	10/09/2007	18:53

CLIENT SAMPLE NO.

BFB4

VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: Laucks Testing Laboratories, Inc Contract:

Run Sequence: R022318 SDG No.: TT02001

Lab File ID: B1009007.D BFB Injection Date: 10/09/2007

Instrument ID: 5973B BFB Injection Time: 07:28

GC Column ZB-624 20m ID: 0.18 (mm)

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
50	15% to 40% of mass 95	16.8
75	30% to 60% of mass 95	44.8
95	base peak, 100% relative abundance	100
96	5% to 9% of mass 95	6.9
173	less than 2% of mass 174	0()1
174	greater than 50% of mass 95	99.3
175	5% to 9% of mass 17	7.3()1
176	greater than 95%, but less than 101% of mass 174	97.6()1
177	5% to 9% of mass 176	6.7()2

1 - Value is %mass 174 2 - Value is %mass 176

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS, AND STANDARDS:

	CLIENT SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
01	08SSW011MSD	TT02001-011MSD	B1009034.D	10/09/2007	19:20
02					
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CLIENT SAMPLE NO.

BFBB1

VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: Laucks Testing Laboratories, Inc Contract:

Run Sequence: R022374 SDG No.: TT02001

Lab File ID: B1010004.D BFB Injection Date: 10/10/2007

Instrument ID: 5973B BFB Injection Time: 06:59

GC Column ZB-624 20m ID: 0.18 (mm)

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
50	15% to 40% of mass 95	16.9
75	30% to 60% of mass 95	46.1
95	base peak, 100% relative abundance	100
96	5% to 9% of mass 95	7.1
173	less than 2% of mass 174	0()1
174	greater than 50% of mass 95	101.2
175	5% to 9% of mass 17	7.2()1
176	greater than 95%, but less than 101% of mass 174	99.1()1
177	5% to 9% of mass 176	7.8()2

1 - Value is %mass 174 2 - Value is %mass 176

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS, AND STANDARDS:

	CLIENT SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
01	VSTD050B2	VSTD050B2	B1010006.D	10/10/2007	07:55
02	S101007MVOSB1	S101007MVOSB1	B1010007.D	10/10/2007	08:21
03	B101007MVOSB2	B101007MVOSB2	B1010010.D	10/10/2007	09:43
04	08SSW006RE	TT02001-006RE	B1010013.D	10/10/2007	11:02
05	08SSW008RE	TT02001-008RE	B1010014.D	10/10/2007	11:28
06	08SSW013RE	TT02001-013RE	B1010015.D	10/10/2007	11:54
07	08SSW003DL	TT02001-003DL	B1010016.D	10/10/2007	12:20
08	08FD10030701DL	TT02001-014DL	B1010017.D	10/10/2007	12:46
09	08SSW014DL	TT02001-015DL	B1010018.D	10/10/2007	13:13
10	08SSW004DL	TT02001-004DL	B1010019.D	10/10/2007	13:39
11	08SSW001DL	TT02001-001DL	B1010020.D	10/10/2007	14:06
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CLIENT SAMPLE NO.

BFB/VSTD050B3

VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: Laucks Testing Laboratories, Inc Contract:

Run Sequence: R022490 SDG No.: TT02001

Lab File ID: B1015007.D BFB Injection Date: 10/15/2007

Instrument ID: 5973B BFB Injection Time: 08:21

GC Column ZB-624 20m ID: 0.18 (mm)

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
50	15% to 40% of mass 95	15.6
75	30% to 60% of mass 95	42.4
95	base peak, 100% relative abundance	100
96	5% to 9% of mass 95	6.5
173	less than 2% of mass 174	0()1
174	greater than 50% of mass 95	103.3
175	5% to 9% of mass 17	7.5()1
176	greater than 95%, but less than 101% of mass 174	96.8()1
177	5% to 9% of mass 176	6.9()2

1 - Value is %mass 174 2 - Value is %mass 176

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS, AND STANDARDS:

	CLIENT SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
01	VSTD050B3	VSTD050B3	B1015007a.D	10/15/2007	08:21
02	S101507MVOSB1	S101507MVOSB1	B1015008.D	10/15/2007	08:54
03	B101507MVOSB3	B101507MVOSB3	B1015012.D	10/15/2007	11:06
04	08FD10030701DL2	TT02001-014DL2	B1015025.D	10/15/2007	16:46
05	08SSW014DL2	TT02001-015DL2	B1015026.D	10/15/2007	17:11
06	08SSW003DL2	TT02001-003DL2	B1015027.D	10/15/2007	17:37
07	08SSW001DL2	TT02001-001DL2	B1015028.D	10/15/2007	18:04
08	08SSW004DL2	TT02001-004DL2	B1015029.D	10/15/2007	18:31
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8

VOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: Laucks Testing Laboratories, Inc. Contract:

Run Sequence: R022318 SDG No.: TT02001

Client Sample No.(VSTD050##): VSTD050B2 Date Analyzed: 10/09/2007

Lab File ID (Standard): B1009008.D Time Analyzed: 07:54

Instrument ID: 5973B Heated Purge: (Y/N) Y

GC Column: ZB-624 20m ID: 0.18 (mm)

		IS1 (FBZ) AREA #	RT #	IS2 (CBZ) AREA #	RT #	IS3 (DCB) AREA #	RT #
	12 HOUR STD	459958	6.17	431566	9.36	265758	11.67
	UPPER LIMIT	919916	6.67	863132	9.86	531516	12.17
	LOWER LIMIT	229979	5.67	215783	8.86	132879	11.17
	CLIENT SAMPLE NO.						
01	S100907MVOSB1	468059	6.17	432287	9.36	261103	11.67
02	B100907MVOSB2	395497	6.17	357387	9.36	205535	11.67
03	08TB100407	462153	6.17	430942	9.36	252662	11.67
04	08SSW001	455067	6.17	426108	9.36	259179	11.67
05	08SSW002	508050	6.17	459303	9.36	273330	11.67
06	08SSW003	246968	6.17	227004	9.36	131351 *	11.67
07	08SSW004	489091	6.17	390134	9.36	193003	11.67
08	08SSW005	398493	6.17	361133	9.36	218779	11.67
09	08SSW006	33235 *	6.17	40954 *	9.36	27361 *	11.67
10	08SSW007	484647	6.17	443738	9.36	240875	11.67
11	08SSW008	212067 *	6.17	203485 *	9.36	101039 *	11.67
12	08SSW009	397611	6.17	366433	9.36	221789	11.67
13	08SSW010	462569	6.17	447238	9.36	270638	11.67
14	08SSW011	476586	6.17	445020	9.36	257319	11.67
15	08SSW012	468284	6.17	420977	9.36	232865	11.67
16	08SSW013	186369 *	6.17	197091 *	9.36	119262 *	11.67
17	08FD10030701	467613	6.17	411072	9.36	218628	11.67
18	08SSW014	296453	6.17	282057	9.36	161110	11.67
19	08SSW016	469673	6.17	393956	9.36	181201	11.67
20	08SSW015	443991	6.17	381079	9.36	171426	11.67
21	08SSW011MS	486975	6.17	432813	9.36	247413	11.67
22	08SSW011MSD	475653	6.17	414671	9.36	224723	11.67

IS1 (FBZ) = FLUOROBENZENE
IS2 (CBZ) = CHLOROBENZENE-D5
IS3 (DCB) = 1,4-DICHLOROBENZENE-D4

AREA UPPER LIMIT = + 100% of internal standard area
AREA LOWER LIMIT = - 50% of internal standard area
RT UPPER LIMIT = + 0.50 minutes of internal standard RT
RT LOWER LIMIT = - 0.50 minutes of internal standard RT

Column used to flag values outside QC limits with an asterisk.
* Values outside of QC limits

VOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: Laucks Testing Laboratories, Inc. Contract:

Run Sequence: R022374 SDG No.: TT02001

Client Sample No.(VSTD050##): VSTD050B2 Date Analyzed: 10/10/2007

Lab File ID (Standard): B1010006.D Time Analyzed: 07:55

Instrument ID: 5973B Heated Purge: (Y/N) Y

GC Column: ZB-624 20m ID: 0.18 (mm)

		IS1 (FBZ) AREA #	RT #	IS2 (CBZ) AREA #	RT #	IS3 (DCB) AREA #	RT #
	12 HOUR STD	467067	6.17	433378	9.36	276633	11.67
	UPPER LIMIT	934134	6.67	866756	9.86	553266	12.17
	LOWER LIMIT	233533.5	5.67	216689	8.86	138316.5	11.17
	CLIENT SAMPLE NO.						
01	S101007MVOSB1	475365	6.17	445871	9.36	282523	11.67
02	B101007MVOSB2	473178	6.17	423397	9.36	243144	11.67
03	08SSW006RE	481705	6.17	443392	9.36	252248	11.67
04	08SSW008RE	491417	6.17	417082	9.36	190292	11.67
05	08SSW013RE	453886	6.17	420128	9.36	247910	11.67
06	08SSW003DL	379433	6.17	362305	9.36	210651	11.67
07	08FD10030701DL	443078	6.17	419844	9.36	238396	11.67
08	08SSW014DL	463816	6.17	436692	9.36	239072	11.67
09	08SSW004DL	442471	6.17	415146	9.36	241549	11.67
10	08SSW001DL	459303	6.17	437387	9.36	253451	11.67
11							
12							
13							
14							
15							
16							
17							
18							
19							
20							
21							
22							

IS1 (FBZ) = FLUOROBENZENE
IS2 (CBZ) = CHLOROBENZENE-D5
IS3 (DCB) = 1,4-DICHLOROBENZENE-D4

AREA UPPER LIMIT = + 100% of internal standard area
AREA LOWER LIMIT = - 50% of internal standard area
RT UPPER LIMIT = + 0.50 minutes of internal standard RT
RT LOWER LIMIT = - 0.50 minutes of internal standard RT

Column used to flag values outside QC limits with an asterisk.
* Values outside of QC limits

VOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: Laucks Testing Laboratories, Inc. Contract:

Run Sequence: R022490 SDG No.: TT02001

Client Sample No.(VSTD050##): VSTD050B3 Date Analyzed: 10/15/2007

Lab File ID (Standard): B1015007a.D Time Analyzed: 08:21

Instrument ID: 5973B Heated Purge: (Y/N) Y

GC Column: ZB-624 20m ID: 0.18 (mm)

		IS1 (FBZ) AREA #	RT #	IS2 (CBZ) AREA #	RT #	IS3 (DCB) AREA #	RT #
	12 HOUR STD	463792	6.17	452496	9.36	288525	11.67
	UPPER LIMIT	927584	6.67	904992	9.86	577050	12.17
	LOWER LIMIT	231896	5.67	226248	8.86	144262.5	11.17
	CLIENT SAMPLE NO.						
01	S101507MVOSB1	488155	6.17	464911	9.36	292703	11.67
02	B101507MVOSB3	394997	6.17	380556	9.36	229268	11.67
03	08FD10030701DL2	451018	6.17	401171	9.36	220438	11.67
04	08SSW014DL2	422827	6.17	426066	9.36	253749	11.67
05	08SSW003DL2	431657	6.17	416910	9.36	233727	11.67
06	08SSW001DL2	439923	6.17	426373	9.36	244061	11.67
07	08SSW004DL2	434165	6.17	404012	9.36	239523	11.67
08							
09							
10							
11							
12							
13							
14							
15							
16							
17							
18							
19							
20							
21							
22							

IS1 (FBZ) = FLUOROBENZENE
IS2 (CBZ) = CHLOROBENZENE-D5
IS3 (DCB) = 1,4-DICHLOROBENZENE-D4

AREA UPPER LIMIT = + 100% of internal standard area
AREA LOWER LIMIT = - 50% of internal standard area
RT UPPER LIMIT = + 0.50 minutes of internal standard RT
RT LOWER LIMIT = - 0.50 minutes of internal standard RT

Column used to flag values outside QC limits with an asterisk.
* Values outside of QC limits

SAMPLE DATA

SDG TT02001

VOLATILES ANALYSIS

VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

08SSW001

Lab Name: _____ Contract: _____

SDG No.: TT02001 Run Sequence: R022318

Matrix: (SOIL/SED/WATER) Soil Lab Sample ID: TT02001-001

Sample wt/vol: 5.78 (g/mL) gm Lab File ID: B1009015.D

Level: (LOW/MED) _____ Date Collected: 10/03/2007

% Moisture: not dec. 21.0 Date/Time Analyzed: 10/09/2007 10:59

GC Column: ZB-624 20m ID: 0.18 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____(uL) Soil Aliquot Volume: _____(uL)

Heated Purge: (Y/N) Y

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/kg	Q
1330-20-7	XYLENES, TOTAL	1.1	U
75-71-8	DICHLORODIFLUOROMETHANE	1.1	U
74-87-3	CHLOROMETHANE	1.1	U
75-01-4	VINYL CHLORIDE	1.1	U
74-83-9	BROMOMETHANE	1.1	U
75-00-3	CHLOROETHANE	3.8	
75-69-4	TRICHLOROFLUOROMETHANE	1.1	U
75-35-4	1,1-DICHLOROETHENE	3.1	J
76-13-1	1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	1.1	U
67-64-1	ACETONE	4.1	JB
75-15-0	CARBON DISULFIDE	1.1	U
79-20-9	METHYL ACETATE	1.1	U
75-09-2	METHYLENE CHLORIDE	1.1	U
1634-04-4	METHYL TERT-BUTYL ETHER	1.1	U
156-60-5	TRANS-1,2-DICHLOROETHENE	1.1	U
75-34-3	1,1-DICHLOROETHANE	150	
156-59-2	CIS-1,2-DICHLOROETHENE	1300	E
78-93-3	2-BUTANONE	1.1	U
67-66-3	CHLOROFORM	1.1	U
71-55-6	1,1,1-TRICHLOROETHANE	340	E
110-82-7	CYCLOHEXANE	1.1	U
56-23-5	CARBON TETRACHLORIDE	1.1	U
71-43-2	BENZENE	1.1	U
107-06-2	1,2-DICHLOROETHANE	1.1	U
79-01-6	TRICHLOROETHENE	12	
108-87-2	METHYLCYCLOHEXANE	1.1	U
78-87-5	1,2-DICHLOROPROPANE	1.1	U
75-27-4	BROMODICHLOROMETHANE	1.1	U
10061-01-	CIS-1,3-DICHLOROPROPENE	1.1	U

1

VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

08SSW001

Lab Name: _____ Contract: _____

SDG No.: TT02001 Run Sequence: R022318

Matrix: (SOIL/SED/WATER) Soil Lab Sample ID: TT02001-001

Sample wt/vol: 5.78 (g/mL) gm Lab File ID: B1009015.D

Level: (LOW/MED) _____ Date Collected: 10/03/2007

% Moisture: not dec. 21.0 Date/Time Analyzed: 10/09/2007 10:59

GC Column: ZB-624 20m ID: 0.18 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____(uL) Soil Aliquot Volume: _____(uL)

Heated Purge: (Y/N) Y

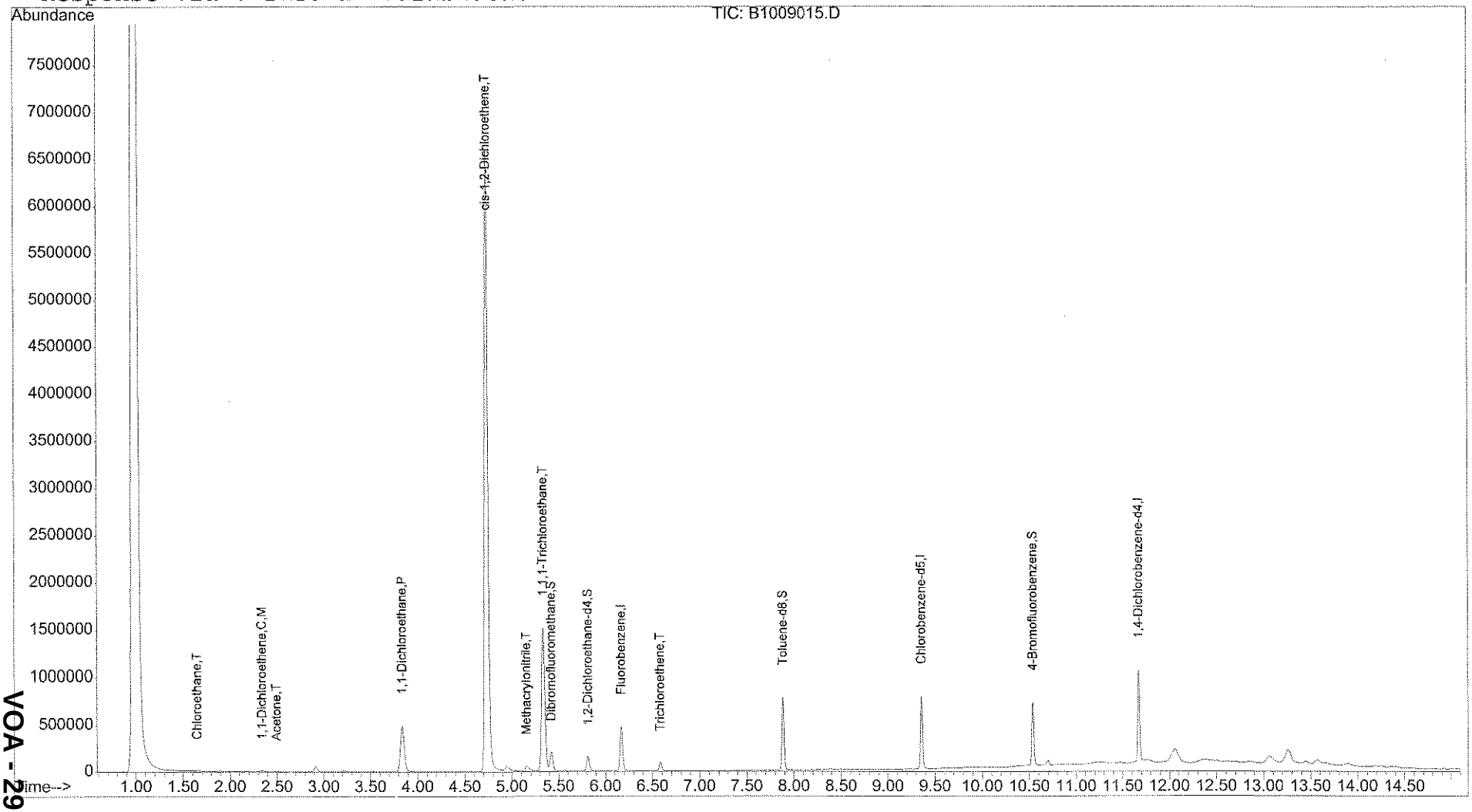
CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/kg	Q
108-10-1	4-METHYL-2-PENTANONE	1.1	U
108-88-3	TOLUENE	1.1	U
10061-02-	TRANS-1,3-DICHLOROPROPENE	1.1	U
79-00-5	1,1,2-TRICHLOROETHANE	1.1	U
127-18-4	TETRACHLOROETHENE	1.1	U
591-78-6	2-HEXANONE	1.1	U
124-48-1	DIBROMOCHLOROMETHANE	1.1	U
106-93-4	1,2-DIBROMOETHANE	1.1	U
108-90-7	CHLOROBENZENE	1.1	U
100-41-4	ETHYLBENZENE	1.1	U
179601-23	M,P-XYLENE	1.1	U
95-47-6	O-XYLENE	1.1	U
100-42-5	STYRENE	1.1	U
75-25-2	BROMOFORM	1.1	U
98-82-8	ISOPROPYLBENZENE	1.1	U
79-34-5	1,1,2,2-TETRACHLOROETHANE	1.1	U
541-73-1	1,3-DICHLOROBENZENE	1.1	U
106-46-7	1,4-DICHLOROBENZENE	1.1	U
95-50-1	1,2-DICHLOROBENZENE	1.1	U
96-12-8	1,2-DIBROMO-3-CHLOROPROPANE	1.1	U
120-82-1	1,2,4-TRICHLOROBENZENE	1.1	U

Comments:

Quantitation Report

Data File : X:\MSVOA\BUDDHA\100907\B1009015.D Vial: 9
Acq On : 9 Oct 2007 10:59 Operator: LPM
Sample : TT02001-001 Inst : Buddha
Misc : #2 5.78GM+ 5ML PFW+IS/SS Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Oct 10 7:50 2007 Quant Results File: B8260S.RES

Method : X:\MSVOA\BUDDHA\QUANT\B8260S.M (RTE Integrator)
Title : VOA 8260- 5ML Soil Calibration 5973B
Last Update : Fri Sep 28 16:30:36 2007
Response via : Initial Calibration



VOA - 29

Quantitation Report

Data File : X:\MSVOA\BUDDHA\100907\B1009015.D Vial: 9
Acq On : 9 Oct 2007 10:59 Operator: LPM
Sample : TT02001-001 Inst : Buddha
Misc : #2 5.78GM+ 5ML PFW+IS/SS Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Oct 10 7:50 2007 Quant Results File: B8260S.RES

Quant Method : X:\MSVOA\BUDDHA\QUANT\B8260S.M (RTE Integrator)
Title : VOA 8260- 5ML Soil Calibration 5973B
Last Update : Fri Sep 28 16:30:36 2007
Response via : Initial Calibration
DataAcq Meth : 8260
IS QA File : X:\MSVOA\BUDDHA\092807\B0928013.D (28 Sep 2007 12:55)

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min) Rcv(Ar)
1) Fluorobenzene	6.17	96	455067	50.00 ug/l	0.00 72.80%
54) Chlorobenzene-d5	9.36	117	426108	50.00 ug/l	0.00 84.50%
74) 1,4-Dichlorobenzene-d4	11.67	152	259179	50.00 ug/l	0.00 78.23%

System Monitoring Compounds					
37) Dibromofluoromethane	5.42	111	139694	54.40 ug/l	0.00
Spiked Amount 50.000	Range 65 - 135		Recovery = 108.80%		
40) 1,2-Dichloroethane-d4	5.81	65	117012	51.03 ug/l	0.00
Spiked Amount 50.000	Range 52 - 149		Recovery = 102.06%		
55) Toluene-d8	7.88	98	494914	51.19 ug/l	0.00
Spiked Amount 50.000	Range 85 - 115		Recovery = 102.38%		
76) 4-Bromofluorobenzene	10.54	95	203552	49.95 ug/l	0.00
Spiked Amount 50.000	Range 85 - 120		Recovery = 99.90%		

Target Compounds					Qvalue
2) Dichlorodifluoromethane	0.00	85	0	N.D.	
3) Chloromethane	1.23	50	25	N.D.	
4) Vinyl Chloride	1.31	62	2004	N.D.	
5) Bromomethane	1.56	96	37	N.D.	
6) Chloroethane	1.66	64	6155	3.45 ug/l	95
7) Trichlorofluoromethane	0.00	101	0	N.D.	
8) Acrolein	2.30	56	26	Below Cal #	46
9) 1,1-Dichloroethene	2.34	96	7245	2.79 ug/l #	79
10) 1,1,2-Trichloro-1,2,2-trif	0.00	101	0	N.D.	
11) Acetone	2.50	43	3843	3.72 ug/l #	71
12) Iodomethane	0.00	142	0	N.D.	
13) Bromoethane	0.00	108	0	N.D.	
14) Carbon Disulfide	2.53	76	197	N.D.	
15) Allyl chloride	0.00	76	0	N.D.	
16) Acetonitrile	2.82	41	185	N.D.	
17) Methyl Acetate	2.84	43	163	N.D.	
18) Methylene Chloride	2.91	84	30069	Below Cal	94
19) trans-1,2-Dichloroethene	3.21	96	3843	N.D.	
20) t-Butyl alcohol	3.21	59	60	N.D.	
21) Methyl tert-butyl ether	3.28	73	26	N.D.	
22) Acrylonitrile	0.00	53	0	N.D.	

(#) = qualifier out of range (m) = manual integration

Quantitation Report

Data File : X:\MSVOA\BUDDHA\100907\B1009015.D Vial: 9
Acq On : 9 Oct 2007 10:59 Operator: LPM
Sample : TT02001-001 Inst : Buddha
Misc : #2 5.78GM+ 5ML PFW+IS/SS Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Oct 10 7:50 2007 Quant Results File: B8260S.RES

Quant Method : X:\MSVOA\BUDDHA\QUANT\B8260S.M (RTE Integrator)
Title : VOA 8260- 5ML Soil Calibration 5973B
Last Update : Fri Sep 28 16:30:36 2007
Response via : Initial Calibration
DataAcq Meth : 8260

Compound	R.T.	QIon	Response	Conc Unit	Qvalue
23) 1,1-Dichloroethane	3.84	63	693271	134.87 ug/l	97
24) Chloroprene	0.00	53	0	N.D.	
25) Isopropyl ether	0.00	45	0	N.D.	
26) Vinyl acetate	3.87	43	32	N.D.	
27) Ethyl-t-butyl ether	0.00	59	0	N.D.	
28) 2,2-Dichloropropane	0.00	77	0	N.D.	
29) cis-1,2-Dichloroethene	4.73	96	3965026	1172.32 ug/l	88
30) 2-Butanone	0.00	43	0	N.D. d	
31) Propionitrile	0.00	54	0	N.D.	
32) Bromochloromethane	0.00	128	0	N.D.	
33) Methacrylonitrile	5.15	41	27116	13.96 ug/l #	50
34) Chloroform	5.33	83	1440	N.D.	
35) 1,1,1-Trichloroethane	5.34	97	1238152	309.54 ug/l	94
36) Cyclohexane	5.31	56	38	N.D.	
38) Carbon Tetrachloride	0.00	117	0	N.D.	
39) 1,1-Dichloropropene	5.55	75	71	N.D.	
41) Benzene	5.81	78	1341	N.D.	
42) 1,2-Dichloroethane	5.90	62	337	N.D.	
43) t-Amyl methyl ether	0.00	73	0	N.D.	
44) Isobutanol	5.97	43	111	N.D.	
45) Trichloroethene	6.58	130	34749	11.29 ug/l	98
46) Methylcyclohexane	6.73	83	75	N.D.	
47) 1,2-Dichloropropane	0.00	63	0	N.D.	
48) Dibromomethane	7.00	93	44	N.D.	
49) Methyl methacrylate	7.03	41	61	N.D.	
50) Bromodichloromethane	7.20	83	31	N.D.	
51) 2-Chloroethyl vinyl ether	0.00	63	0	N.D.	
52) cis-1,3-Dichloropropene	7.72	75	39	N.D.	
53) 4-Methyl-2-pentanone	7.84	43	449	N.D.	
56) Toluene	7.95	92	959	N.D.	
57) trans-1,3-Dichloropropene	8.25	75	45	N.D.	
58) Ethyl methacrylate	8.33	69	198	N.D.	
59) 1,1,2-Trichloroethane	8.44	97	290	N.D.	
60) Tetrachloroethene	8.49	166	983	N.D.	
61) 1,3-Dichloropropane	8.60	76	31	N.D.	
62) 2-Hexanone	8.70	43	124	N.D.	
63) Dibromochloromethane	8.82	129	45	N.D.	
64) 1,2-Dibromoethane	8.96	107	167	N.D.	
65) 1-Chlorohexane	9.35	91	765	N.D.	
66) Chlorobenzene	9.39	112	538	N.D.	
67) 1,1,1,2-Tetrachloroethane	9.48	131	90	N.D.	

(#) = qualifier out of range (m) = manual integration

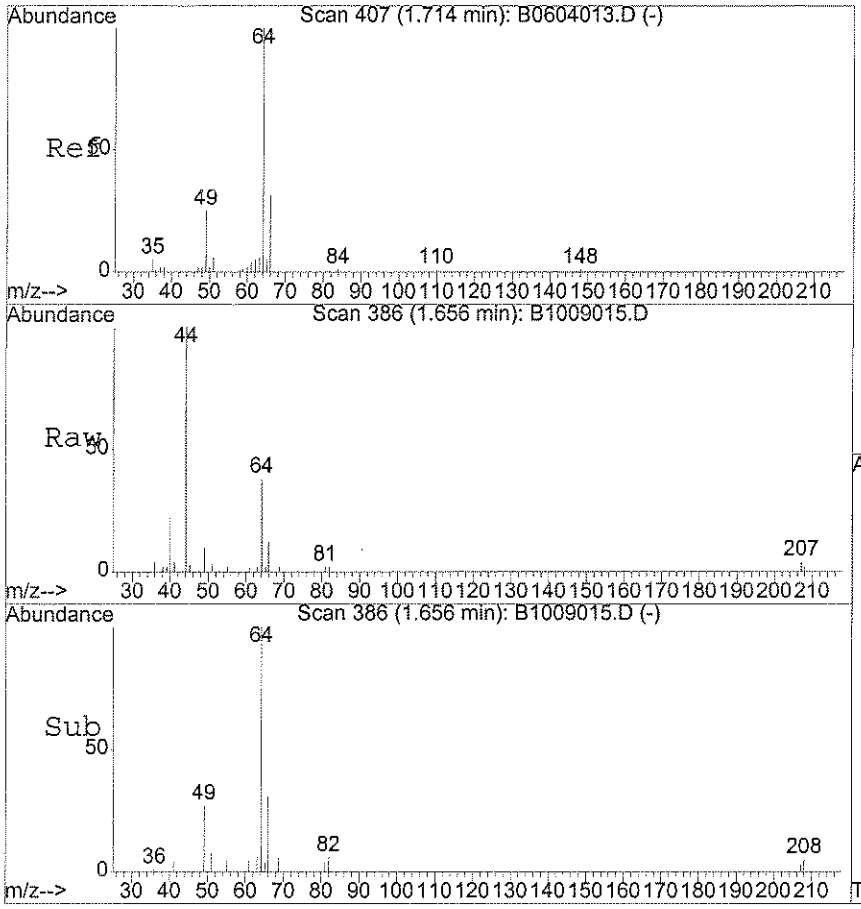
Quantitation Report

Data File : X:\MSVOA\BUDDHA\100907\B1009015.D Vial: 9
Acq On : 9 Oct 2007 10:59 Operator: LPM
Sample : TT02001-001 Inst : Buddha
Misc : #2 5.78GM+ 5ML PFW+IS/SS Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Oct 10 7:50 2007 Quant Results File: B8260S.RES

Quant Method : X:\MSVOA\BUDDHA\QUANT\B8260S.M (RTE Integrator)
Title : VOA 8260- 5ML Soil Calibration 5973B
Last Update : Fri Sep 28 16:30:36 2007
Response via : Initial Calibration
DataAcq Meth : 8260

	Compound	R.T.	QIon	Response	Conc Unit	Qvalue
68)	Ethylbenzene	9.43	91	207	N.D.	
69)	m,p-Xylene	9.66	106	119	N.D.	
70)	o-xylene	9.97	106	94	N.D.	
71)	Styrene	10.03	104	368	N.D.	
72)	Bromoform	10.25	173	442	N.D.	
73)	Isopropylbenzene	10.36	105	86	N.D.	
75)	trans-1,4-Dichloro-2-buten	10.51	53	102	N.D.	
77)	Bromobenzene	10.67	156	38	N.D.	
78)	1,1,2,2-Tetrachloroethane	10.83	83	190	N.D.	
79)	1,2,3-Trichloropropane	10.83	110	204	N.D.	
80)	n-Propylbenzene	10.76	120	526	N.D.	
81)	2-Chlorotoluene	10.83	91	379	N.D.	
82)	4-Chlorotoluene	10.76	91	277	N.D.	
83)	1,3,5-Trimethylbenzene	10.92	105	190	N.D.	
84)	tert-Butylbenzene	11.27	119	194	N.D.	
85)	1,2,4-Trimethylbenzene	11.31	105	1610	N.D.	
86)	sec-butylbenzene	11.28	105	297	N.D.	
87)	1,3-Dichlorobenzene	11.59	146	761	N.D.	
88)	4-Isopropyltoluene	11.62	119	258	N.D.	
89)	1,4-Dichlorobenzene	11.70	146	1237	N.D.	
90)	1,2-Dichlorobenzene	12.07	146	1053	N.D.	
91)	n-Butylbenzene	12.03	91	1328	N.D.	
92)	1,2-Dibromo-3-chloropropan	12.71	75	30	N.D.	
93)	1,2,4-Trichlorobenzene	13.64	180	795	N.D.	
94)	Hexachlorobutadiene	13.79	225	98	N.D.	
95)	Naphthalene	13.89	128	3365	N.D.	
96)	1,2,3-Trichlorobenzene	14.14	180	700	N.D.	

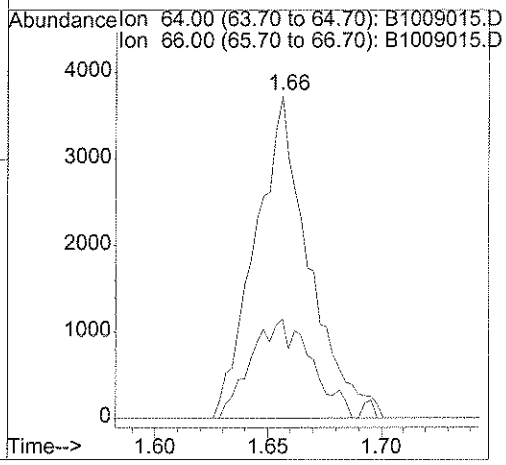
(#) = qualifier out of range (m) = manual integration

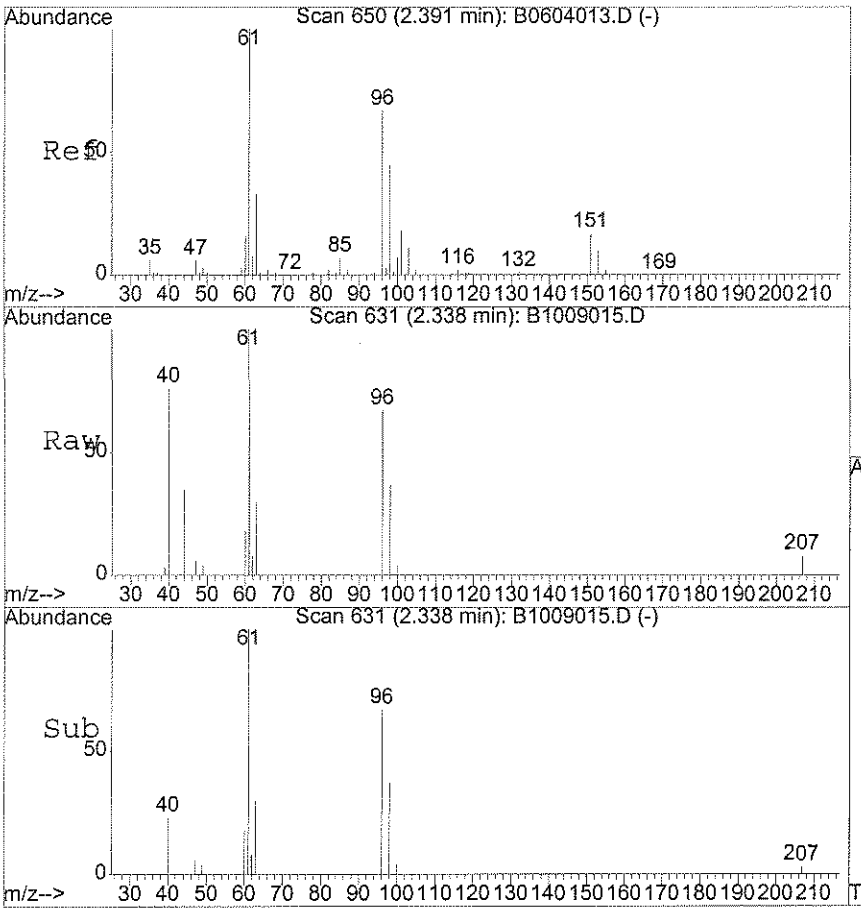


#6
Chloroethane
Concen: 3.45 ug/l
RT: 1.66 min Scan# 386
Delta R.T. 0.01 min
Lab File: B1009015.D
Acq: 9 Oct 2007 10:59

Tgt Ion: 64 Resp: 6155

Ion	Ratio	Lower	Upper
64	100		
66	34.4	11.6	51.6

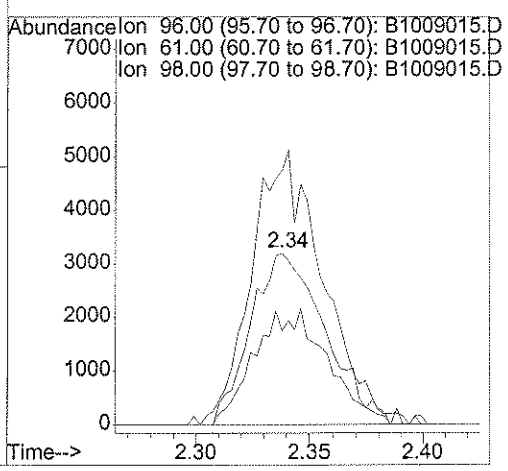


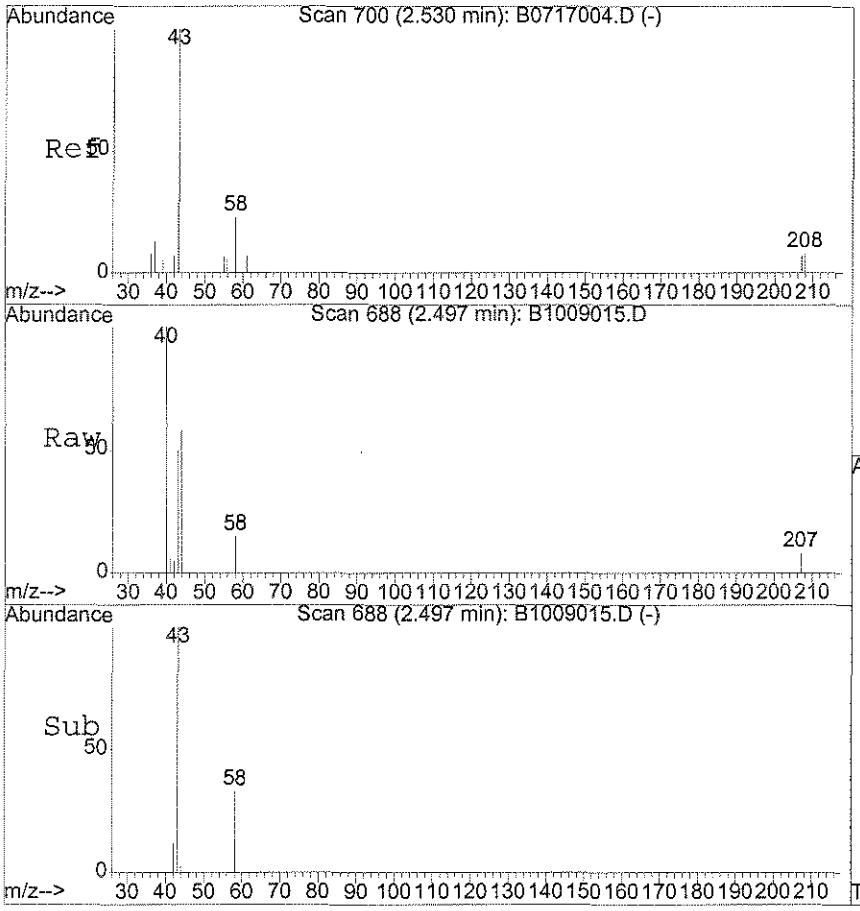


#9
1,1-Dichloroethene
Concen: 2.79 ug/l
RT: 2.34 min Scan# 631
Delta R.T. 0.01 min
Lab File: B1009015.D
Acq: 9 Oct 2007 10:59

Tgt Ion: 96 Resp: 7245

Ion	Ratio	Lower	Upper
96	100		
61	153.8	148.9	188.9
98	28.3	44.8	84.8#

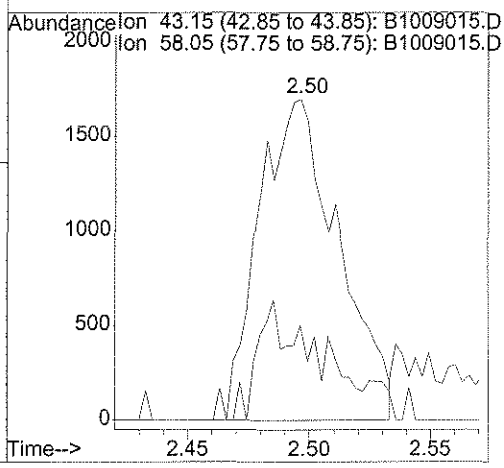


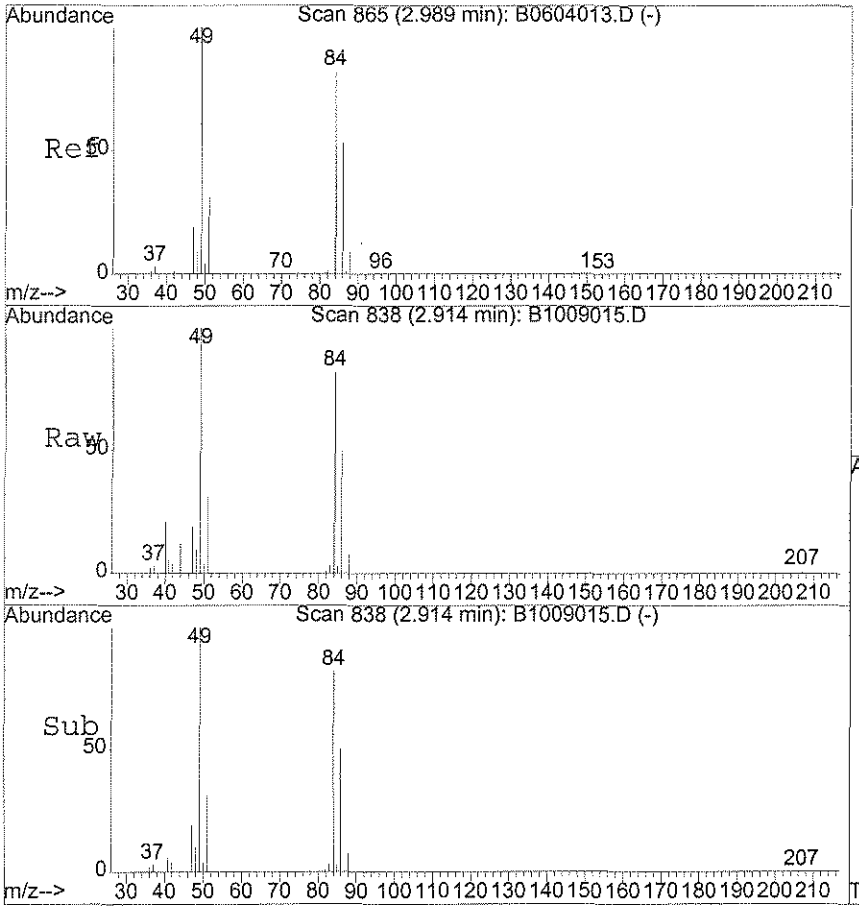


#11
Acetone
Concen: 3.72 ug/l
RT: 2.50 min Scan# 688
Delta R.T. 0.02 min
Lab File: B1009015.D
Acq: 9 Oct 2007 10:59

Tgt Ion: 43 Resp: 3843

Ion	Ratio	Lower	Upper
43	100		
58	12.6	22.0	33.0#

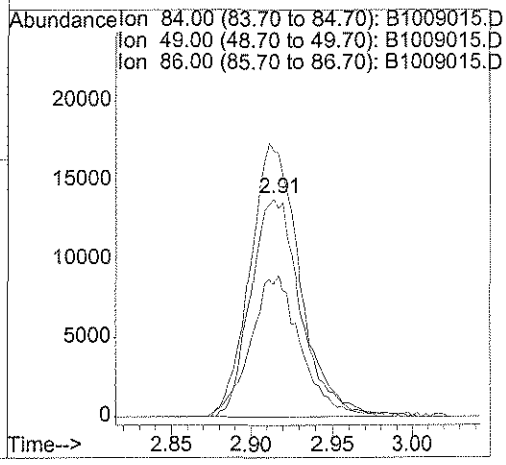


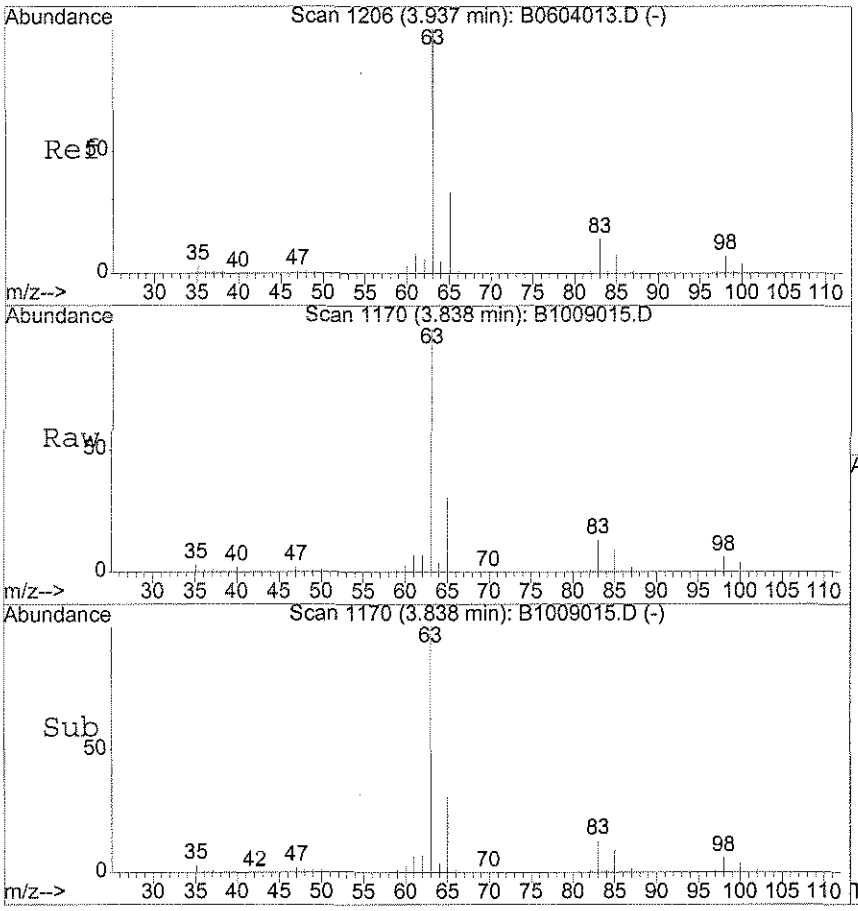


#18
Methylene Chloride
Concen: Below Cal
RT: 2.91 min Scan# 838
Delta R.T. 0.00 min
Lab File: B1009015.D
Acq: 9 Oct 2007 10:59

Tgt Ion: 84 Resp: 30069

Ion	Ratio	Lower	Upper
84	100		
49	124.7	113.6	153.6
86	63.3	45.8	85.8

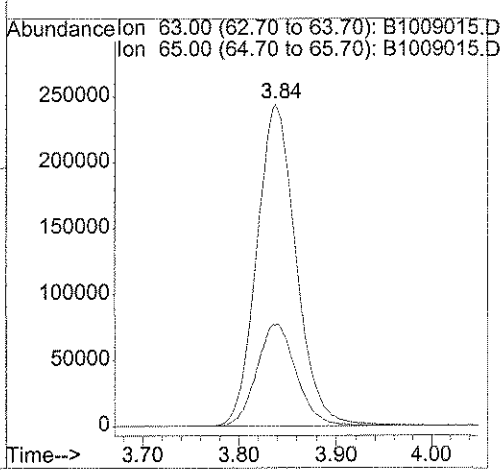


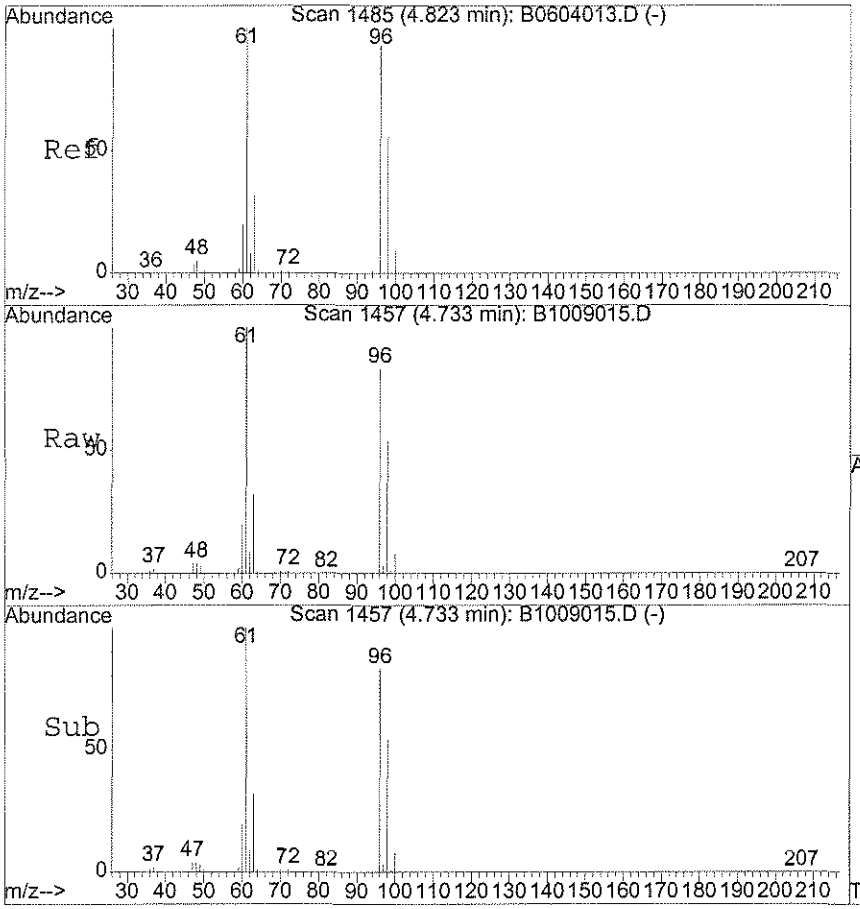


#23
1,1-Dichloroethane
Concen: 134.87 ug/l
RT: 3.84 min Scan# 1170
Delta R.T. 0.00 min
Lab File: B1009015.D
Acq: 9 Oct 2007 10:59

Tgt Ion: 63 Resp: 693271

Ion	Ratio	Lower	Upper
63	100		
65	32.0	10.2	50.2

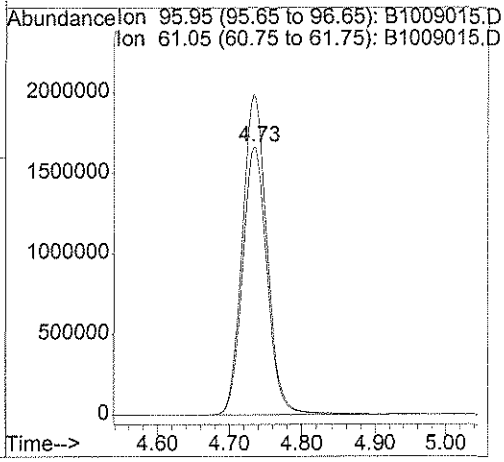


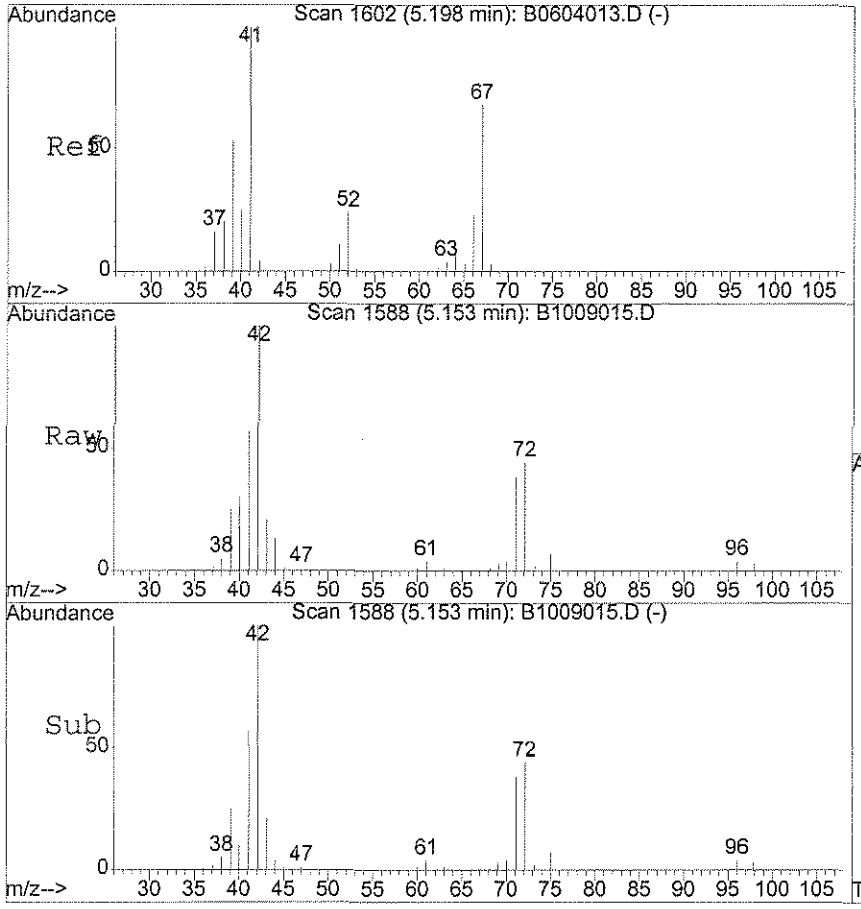


#29
cis-1,2-Dichloroethene
Concen: 1172.32 ug/l
RT: 4.73 min Scan# 1457
Delta R.T. -0.00 min
Lab File: B1009015.D
Acq: 9 Oct 2007 10:59

Tgt Ion: 96 Resp: 3965026

Ion	Ratio	Lower	Upper
96	100		
61	120.1	107.4	161.0

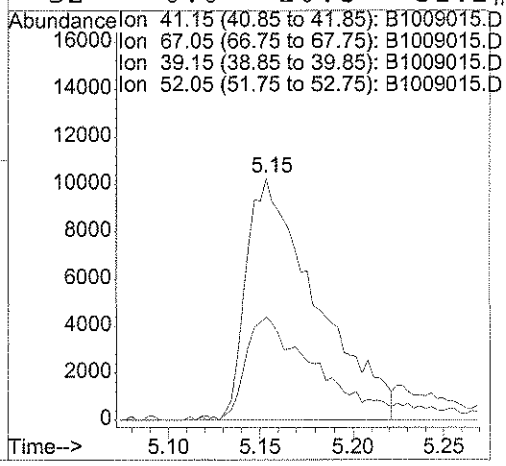


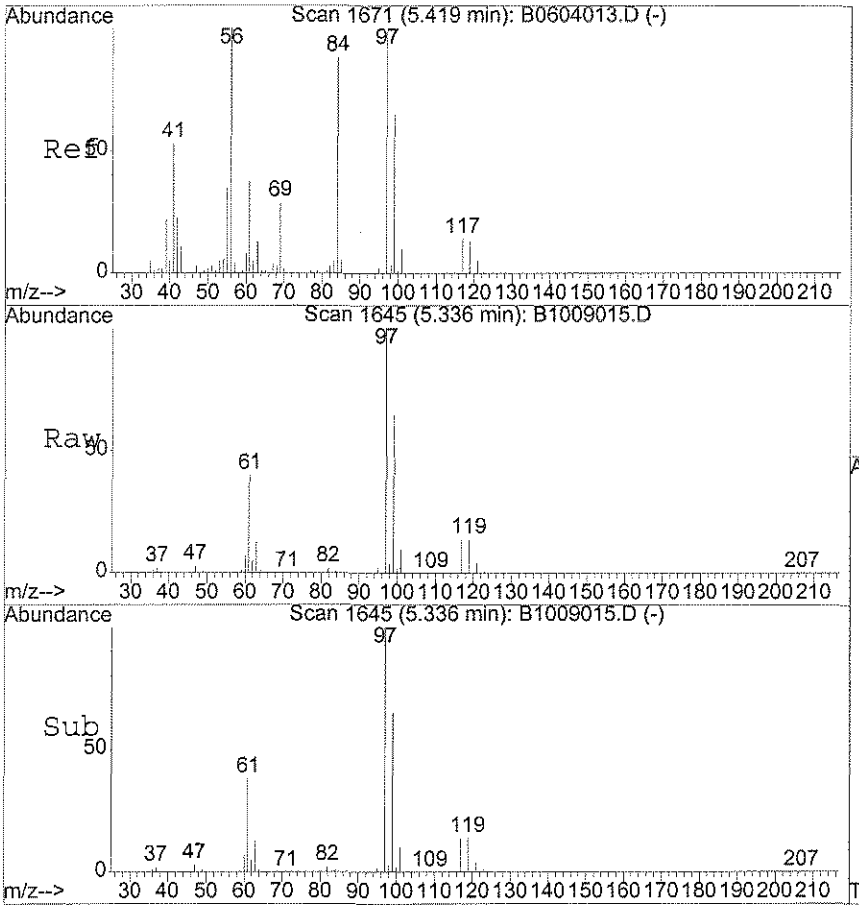


#33
Methacrylonitrile
Concen: 13.96 ug/l
RT: 5.15 min Scan# 1588
Delta R.T. 0.04 min
Lab File: B1009015.D
Acq: 9 Oct 2007 10:59

Tgt Ion: 41 Resp: 27116

Ion	Ratio	Lower	Upper
41	100		
67	0.1	48.2	72.4#
39	42.3	43.5	65.3#
52	0.0	20.8	31.2#

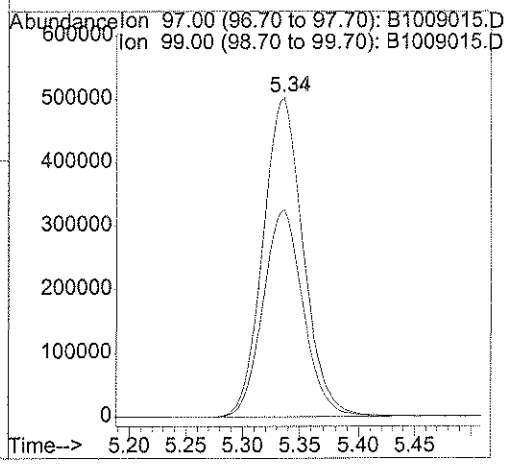


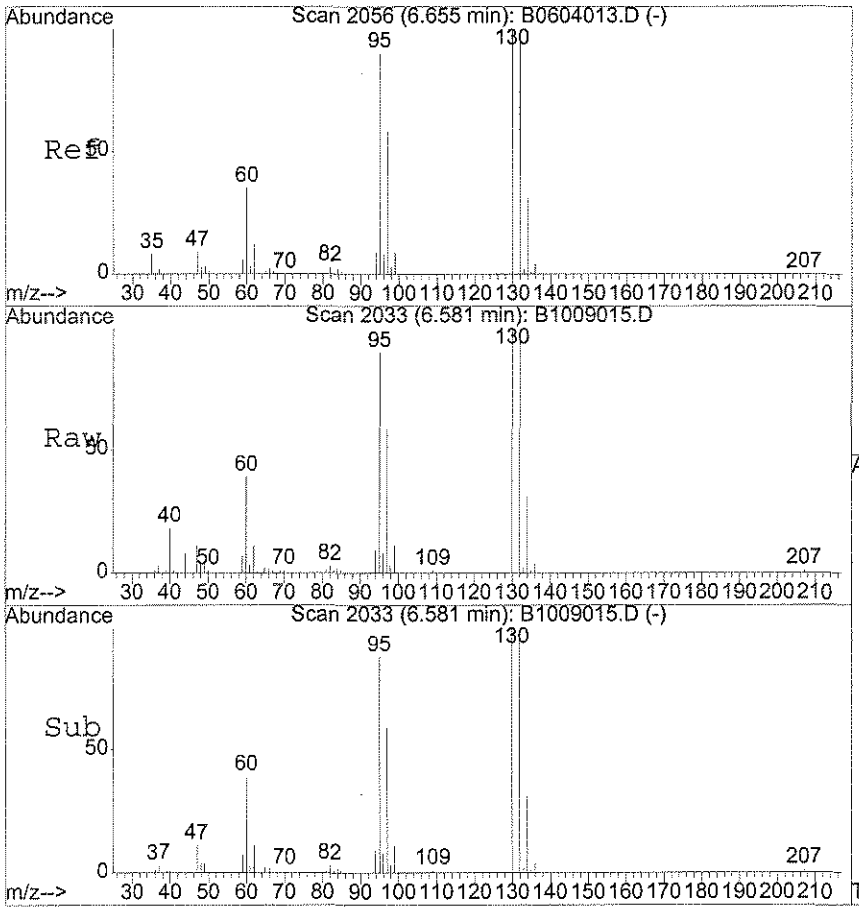


#35
1,1,1-Trichloroethane
Concen: 309.54 ug/l
RT: 5.34 min Scan# 1645
Delta R.T. 0.00 min
Lab File: B1009015.D
Acq: 9 Oct 2007 10:59

Tgt Ion: 97 Resp: 1238152

Ion	Ratio	Lower	Upper
97	100		
99	64.7	40.3	80.3

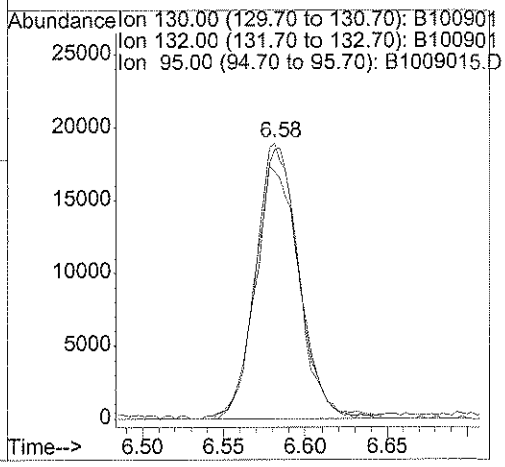




#45
Trichloroethene
Concen: 11.29 ug/l
RT: 6.58 min Scan# 2033
Delta R.T. -0.00 min
Lab File: B1009015.D
Acq: 9 Oct 2007 10:59

Tgt Ion:130 Resp: 34749

Ion	Ratio	Lower	Upper
130	100		
132	96.7	80.2	120.2
95	95.2	75.8	115.8



VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

08SSW001DL

Lab Name: _____ Contract: _____

SDG No.: TT02001 Run Sequence: R022374

Matrix: (SOIL/SED/WATER) Soil Lab Sample ID: TT02001-001DL

Sample wt/vol: 0.53 (g/mL) gm Lab File ID: B1010020.D

Level: (LOW/MED) _____ Date Collected: 10/03/2007

% Moisture: not dec. 21.0 Date/Time Analyzed: 10/10/2007 14:06

GC Column: ZB-624 20m ID: 0.18 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____(uL) Soil Aliquot Volume: _____(uL)

Heated Purge: (Y/N) Y

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/kg	Q
1330-20-7	XYLENES, TOTAL	12	U
75-71-8	DICHLORODIFLUOROMETHANE	12	U
74-87-3	CHLOROMETHANE	12	U
75-01-4	VINYL CHLORIDE	12	U
74-83-9	BROMOMETHANE	12	U
75-00-3	CHLOROETHANE	12	U
75-69-4	TRICHLOROFLUOROMETHANE	12	U
75-35-4	1,1-DICHLOROETHENE	12	U
76-13-1	1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	12	U
67-64-1	ACETONE	57	JB
75-15-0	CARBON DISULFIDE	12	U
79-20-9	METHYL ACETATE	12	U
75-09-2	METHYLENE CHLORIDE	44	B
1634-04-4	METHYL TERT-BUTYL ETHER	12	U
156-60-5	TRANS-1,2-DICHLOROETHENE	12	U
75-34-3	1,1-DICHLOROETHANE	20	J
156-59-2	CIS-1,2-DICHLOROETHENE	220	
78-93-3	2-BUTANONE	12	U
67-66-3	CHLOROFORM	12	U
71-55-6	1,1,1-TRICHLOROETHANE	87	
110-82-7	CYCLOHEXANE	12	U
56-23-5	CARBON TETRACHLORIDE	12	U
71-43-2	BENZENE	12	U
107-06-2	1,2-DICHLOROETHANE	12	U
79-01-6	TRICHLOROETHENE	12	U
108-87-2	METHYLCYCLOHEXANE	12	U
78-87-5	1,2-DICHLOROPROPANE	12	U
75-27-4	BROMODICHLOROMETHANE	12	U
10061-01-	CIS-1,3-DICHLOROPROPENE	12	U

1

VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

08SSW001DL

Lab Name: _____ Contract: _____

SDG No.: TT02001 Run Sequence: R022374

Matrix: (SOIL/SED/WATER) Soil Lab Sample ID: TT02001-001DL

Sample wt/vol: 0.53 (g/mL) gm Lab File ID: B1010020.D

Level: (LOW/MED) _____ Date Collected: 10/03/2007

% Moisture: not dec. 21.0 Date/Time Analyzed: 10/10/2007 14:06

GC Column: ZB-624 20m ID: 0.18 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____(uL) Soil Aliquot Volume: _____(uL)

Heated Purge: (Y/N) Y

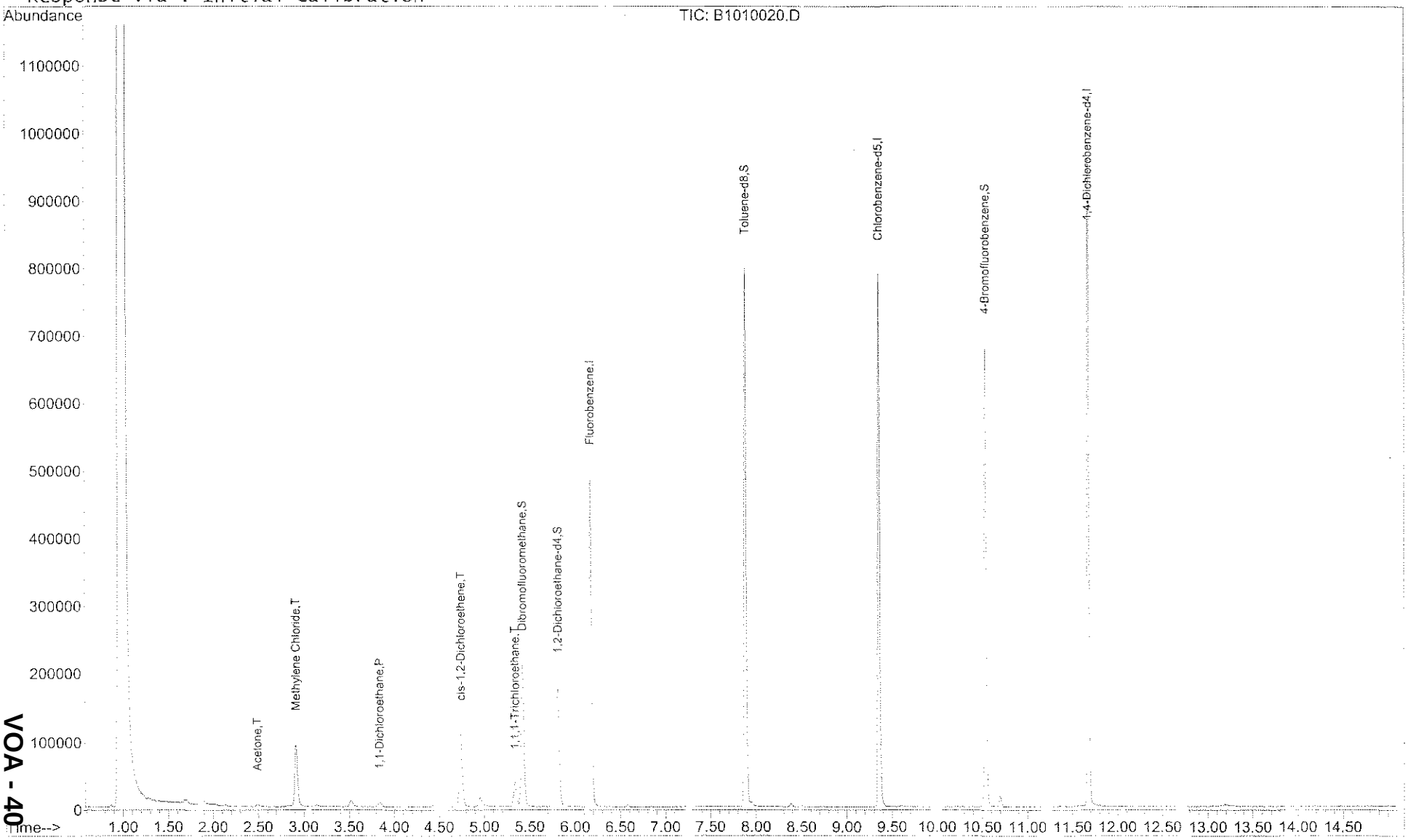
CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/kg	Q
108-10-1	4-METHYL-2-PENTANONE	12	U
108-88-3	TOLUENE	12	U
10061-02-	TRANS-1,3-DICHLOROPROPENE	12	U
79-00-5	1,1,2-TRICHLOROETHANE	12	U
127-18-4	TETRACHLOROETHENE	12	U
591-78-6	2-HEXANONE	12	U
124-48-1	DIBROMOCHLOROMETHANE	12	U
106-93-4	1,2-DIBROMOETHANE	12	U
108-90-7	CHLOROBENZENE	12	U
100-41-4	ETHYLBENZENE	12	U
179601-23	M,P-XYLENE	12	U
95-47-6	O-XYLENE	12	U
100-42-5	STYRENE	12	U
75-25-2	BROMOFORM	12	U
98-82-8	ISOPROPYLBENZENE	12	U
79-34-5	1,1,2,2-TETRACHLOROETHANE	12	U
541-73-1	1,3-DICHLOROBENZENE	12	U
106-46-7	1,4-DICHLOROBENZENE	12	U
95-50-1	1,2-DICHLOROBENZENE	12	U
96-12-8	1,2-DIBROMO-3-CHLOROPROPANE	12	U
120-82-1	1,2,4-TRICHLOROBENZENE	12	U

Comments:

Quantitation Report

Data File : X:\MSVOA\BUDDHA\101007\B1010020.D Vial: 16
Acq On : 10 Oct 2007 14:06 Operator: LPM
Sample : TT02001-001DL Inst : Buddha
Misc : #4 0.53G+ 5ML+IS/SS Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Oct 11 5:41 2007 Quant Results File: B8260S.RES

Method : X:\MSVOA\BUDDHA\QUANT\B8260S.M (RTE Integrator)
Title : VOA 8260- 5ML Soil Calibration 5973B
Last Update : Fri Sep 28 16:30:36 2007
Response via : Initial Calibration



Quantitation Report

Data File : X:\MSVOA\BUDDHA\101007\B1010020.D Vial: 16
Acq On : 10 Oct 2007 14:06 Operator: LPM
Sample : TT02001-001DL Inst : Buddha
Misc : #4 0.53G+ 5ML+IS/SS Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Oct 11 5:41 2007 Quant Results File: B8260S.RES

Quant Method : X:\MSVOA\BUDDHA\QUANT\B8260S.M (RTE Integrator)
Title : VOA 8260- 5ML Soil Calibration 5973B
Last Update : Fri Sep 28 16:30:36 2007
Response via : Initial Calibration
DataAcq Meth : 8260
IS QA File : X:\MSVOA\BUDDHA\092807\B0928013.D (28 Sep 2007 12:55)

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min) Rcv(Ar)
1) Fluorobenzene	6.17	96	459303	50.00 ug/l	0.00 73.47%
54) Chlorobenzene-d5	9.36	117	437387	50.00 ug/l	0.00 86.74%
74) 1,4-Dichlorobenzene-d4	11.67	152	253451	50.00 ug/l	0.00 76.50%

System Monitoring Compounds					
37) Dibromofluoromethane	5.42	111	146603	56.57 ug/l	0.00
Spiked Amount 50.000	Range 65 - 135		Recovery = 113.14%		
40) 1,2-Dichloroethane-d4	5.81	65	127325	55.02 ug/l	0.00
Spiked Amount 50.000	Range 52 - 149		Recovery = 110.04%		
55) Toluene-d8	7.88	98	499417	50.32 ug/l	0.00
Spiked Amount 50.000	Range 85 - 115		Recovery = 100.64%		
76) 4-Bromofluorobenzene	10.54	95	197340	49.52 ug/l	0.00
Spiked Amount 50.000	Range 85 - 120		Recovery = 99.04%		

Target Compounds					Qvalue
2) Dichlorodifluoromethane	1.09	85	103	N.D.	
3) Chloromethane	1.23	50	37	N.D.	
4) Vinyl Chloride	0.00	62	0	N.D.	
5) Bromomethane	1.58	96	67	N.D.	
6) Chloroethane	0.00	64	0	N.D.	
7) Trichlorofluoromethane	1.85	101	38	N.D.	
8) Acrolein	2.28	56	31	Below Cal #	13
9) 1,1-Dichloroethene	2.34	96	33	N.D.	
10) 1,1,2-Trichloro-1,2,2-trif	0.00	101	0	N.D.	
11) Acetone	2.49	43	4979	4.78 ug/l #	79
12) Iodomethane	0.00	142	0	N.D.	
13) Bromoethane	0.00	108	0	N.D.	
14) Carbon Disulfide	2.54	76	176	N.D.	
15) Allyl chloride	0.00	76	0	N.D.	
16) Acetonitrile	2.82	41	179	N.D.	
17) Methyl Acetate	2.83	43	457	N.D.	
18) Methylene Chloride	2.91	84	50924	3.68 ug/l	94
19) trans-1,2-Dichloroethene	0.00	96	0	N.D.	
20) t-Butyl alcohol	3.21	59	27	N.D.	
21) Methyl tert-butyl ether	3.24	73	35	N.D.	
22) Acrylonitrile	0.00	53	0	N.D.	
23) 1,1-Dichloroethane	3.83	63	8839	1.70 ug/l	89
24) Chloroprene	0.00	53	0	N.D.	
25) Isopropyl ether	0.00	45	0	N.D.	
26) Vinyl acetate	0.00	43	0	N.D.	
27) Ethyl-t-butyl ether	4.50	59	66	N.D.	
28) 2,2-Dichloropropane	0.00	77	0	N.D.	
29) cis-1,2-Dichloroethene	4.74	96	63466	18.59 ug/l	90
30) 2-Butanone	4.91	43	77	N.D.	
31) Propionitrile	0.00	54	0	N.D.	
32) Bromochloromethane	0.00	128	0	N.D.	
33) Methacrylonitrile	0.00	41	0	N.D.	
34) Chloroform	5.20	83	380	N.D.	
35) 1,1,1-Trichloroethane	5.34	97	29276	7.25 ug/l	94
36) Cyclohexane	0.00	56	0	N.D.	

(#) = qualifier out of range (m) = manual integration
B1010020.D B8260S.M Thu Oct 11 13:37:43 2007

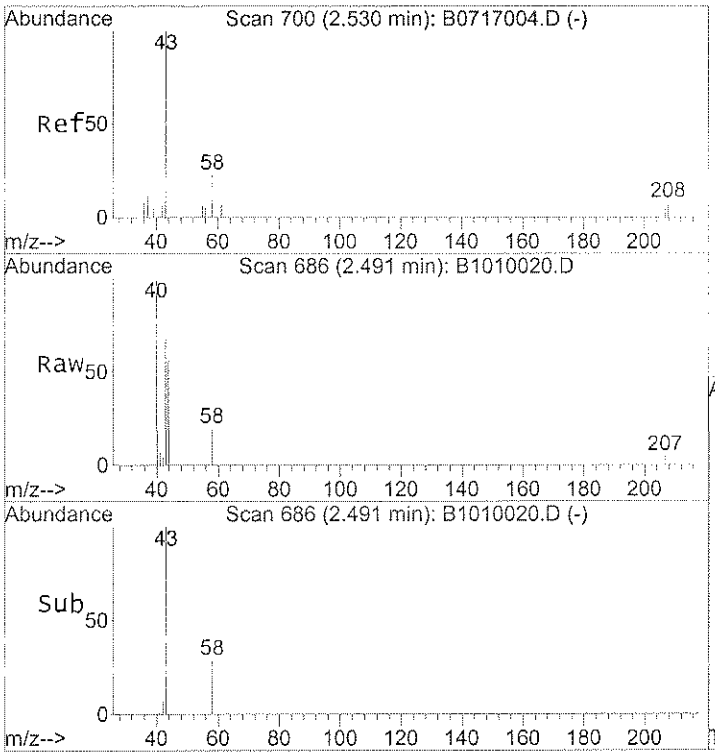
Quantitation Report

Data File : X:\MSVOA\BUDDHA\101007\B1010020.D Vial: 16
Acq On : 10 Oct 2007 14:06 Operator: LPM
Sample : TT02001-001DL Inst : Buddha
Misc : #4 0.53G+ 5ML+IS/SS Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Oct 11 5:41 2007 Quant Results File: B8260S.RES

Quant Method : X:\MSVOA\BUDDHA\QUANT\B8260S.M (RTE Integrator)
Title : VOA 8260- 5ML Soil Calibration 5973B
Last Update : Fri Sep 28 16:30:36 2007
Response via : Initial Calibration
DataAcq Meth : 8260

Compound	R.T.	QIon	Response	Conc Unit	Qvalue
38) Carbon Tetrachloride	0.00	117	0	N.D.	
39) 1,1-Dichloropropene	5.56	75	33	N.D.	
41) Benzene	5.81	78	1008	N.D.	
42) 1,2-Dichloroethane	0.00	62	0	N.D.	
43) t-Amyl methyl ether	0.00	73	0	N.D.	
44) Isobutanol	6.09	43	29	N.D.	
45) Trichloroethene	6.58	130	1261	N.D.	
46) Methylcyclohexane	0.00	83	0	N.D.	
47) 1,2-Dichloropropane	0.00	63	0	N.D.	
48) Dibromomethane	0.00	93	0	N.D.	
49) Methyl methacrylate	0.00	41	0	N.D.	
50) Bromodichloromethane	0.00	83	0	N.D.	
51) 2-Chloroethyl vinyl ether	0.00	63	0	N.D.	
52) cis-1,3-Dichloropropene	0.00	75	0	N.D.	
53) 4-Methyl-2-pentanone	7.86	43	64	N.D.	
56) Toluene	7.95	92	1459	N.D.	
57) trans-1,3-Dichloropropene	0.00	75	0	N.D.	
58) Ethyl methacrylate	0.00	69	0	N.D.	
59) 1,1,2-Trichloroethane	0.00	97	0	N.D.	
60) Tetrachloroethene	8.49	166	748	N.D.	
61) 1,3-Dichloropropane	0.00	76	0	N.D.	
62) 2-Hexanone	8.71	43	93	N.D.	
63) Dibromochloromethane	0.00	129	0	N.D.	
64) 1,2-Dibromoethane	0.00	107	0	N.D.	
65) 1-Chlorohexane	9.35	91	783	N.D.	
66) Chlorobenzene	9.38	112	79	N.D.	
67) 1,1,1,2-Tetrachloroethane	0.00	131	0	N.D.	
68) Ethylbenzene	9.49	91	600	N.D.	
69) m,p-Xylene	9.60	106	621	N.D.	
70) o-xylene	10.00	106	78	N.D.	
71) Styrene	10.03	104	213	N.D.	
72) Bromoform	0.00	173	0	N.D.	
73) Isopropylbenzene	10.54	105	321	N.D.	
75) trans-1,4-Dichloro-2-buten	0.00	53	0	N.D.	
77) Bromobenzene	0.00	156	0	N.D.	
78) 1,1,2,2-Tetrachloroethane	0.00	83	0	N.D.	
79) 1,2,3-Trichloropropane	0.00	110	0	N.D.	
80) n-Propylbenzene	10.95	120	33	N.D.	
81) 2-Chlorotoluene	10.87	91	31	N.D.	
82) 4-Chlorotoluene	10.98	91	39	N.D.	
83) 1,3,5-Trimethylbenzene	10.94	105	99	N.D.	
84) tert-Butylbenzene	11.27	119	33	N.D.	
85) 1,2,4-Trimethylbenzene	11.32	105	546	N.D.	
86) sec-butylbenzene	11.47	105	30	N.D.	
87) 1,3-Dichlorobenzene	11.61	146	306	N.D.	
88) 4-Isopropyltoluene	11.62	119	280	N.D.	
89) 1,4-Dichlorobenzene	11.61	146	306	N.D.	
90) 1,2-Dichlorobenzene	12.07	146	72	N.D.	
91) n-Butylbenzene	12.03	91	252	N.D.	
92) 1,2-Dibromo-3-chloropropan	13.16	75	29	N.D.	
93) 1,2,4-Trichlorobenzene	13.65	180	238	N.D.	
94) Hexachlorobutadiene	0.00	225	0	N.D.	
95) Naphthalene	13.90	128	1027	N.D.	
96) 1,2,3-Trichlorobenzene	14.14	180	141	N.D.	

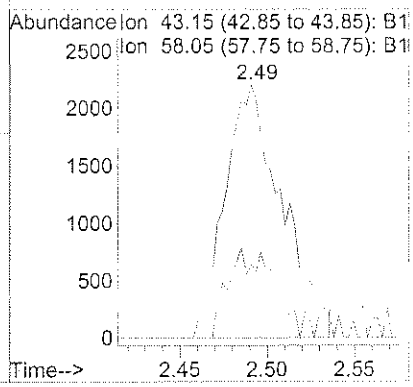
(#) = qualifier out of range (m) = manual integration
B1010020.D B8260S.M Thu Oct 11 13:37:43 2007

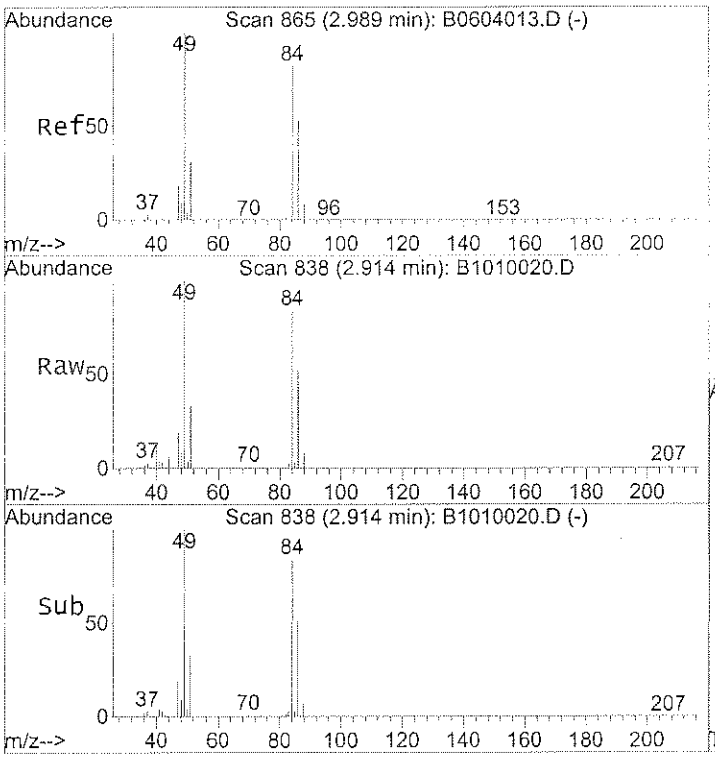


#11
Acetone
Concen: 4.78 ug/l
RT: 2.49 min Scan# 686
Delta R.T. 0.01 min
Lab File: B1010020.D
Acq: 10 Oct 2007 14:06

Tgt Ion: 43 Resp: 4979

Ion	Ratio	Lower	Upper
43	100		
58	16.7	22.0	33.0#

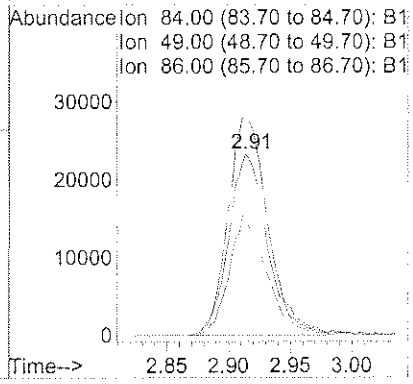


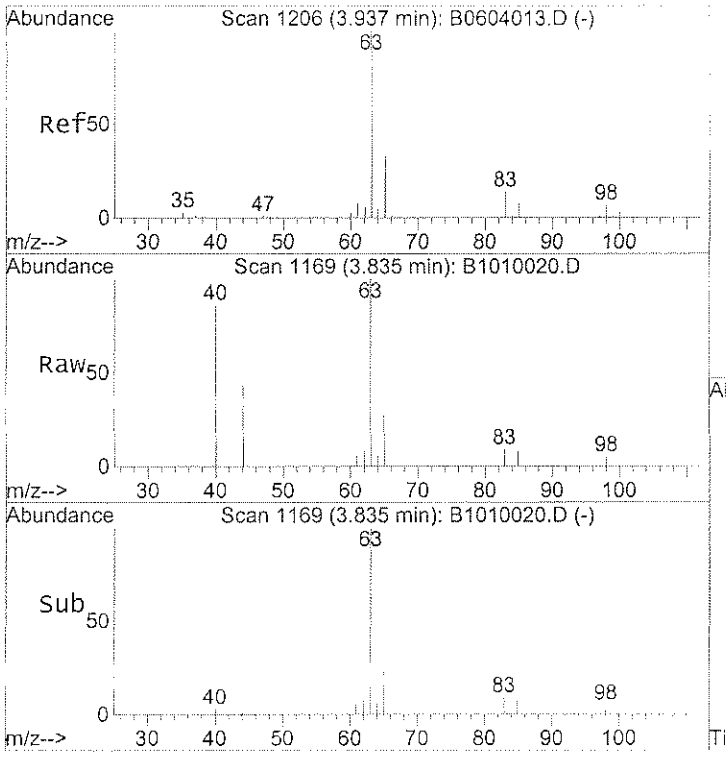


#18
Methylene Chloride
Concen: 3.68 ug/l
RT: 2.91 min Scan# 838
Delta R.T. 0.00 min
Lab File: B1010020.D
Acq: 10 Oct 2007 14:06

Tgt Ion: 84 Resp: 50924

Ion	Ratio	Lower	Upper
84	100		
49	124.5	113.6	153.6
86	63.7	45.8	85.8

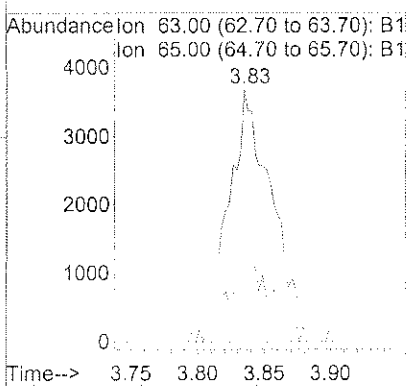


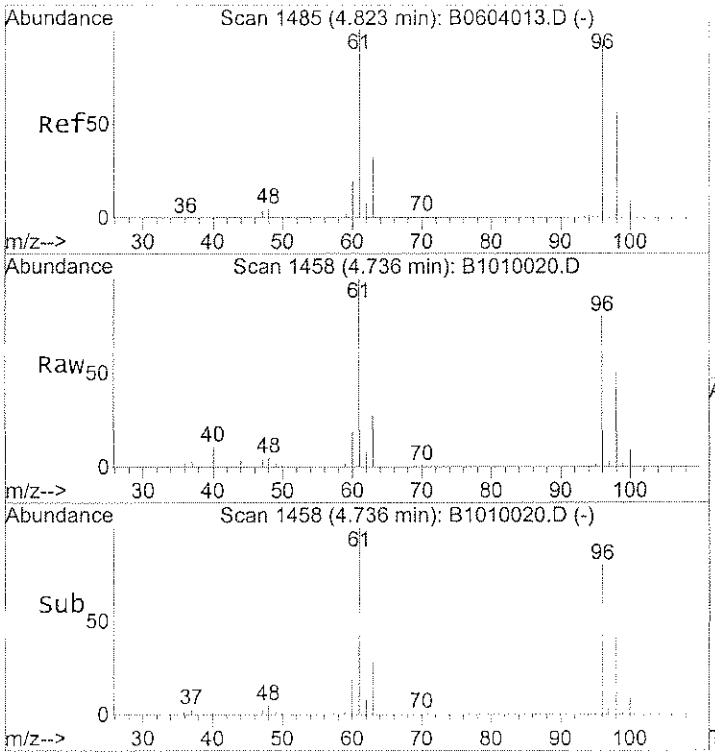


#23
1,1-Dichloroethane
Concen: 1.70 ug/l
RT: 3.83 min Scan# 1169
Delta R.T. 0.00 min
Lab File: B1010020.D
Acq: 10 Oct 2007 14:06

Tgt Ion: 63 Resp: 8839

Ion	Ratio	Lower	Upper
63	100		
65	24.1	10.2	50.2

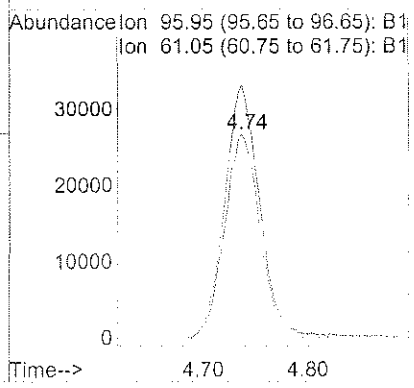


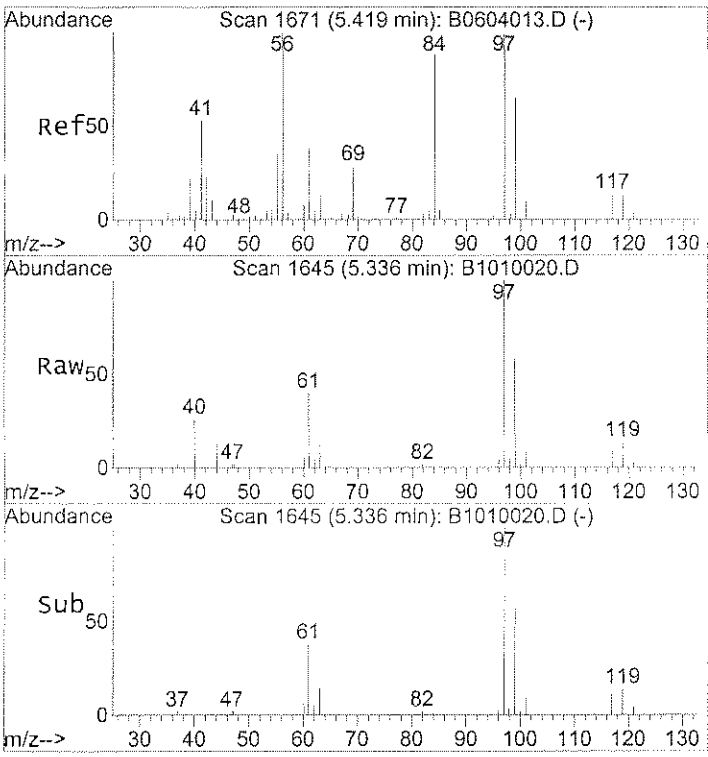


#29
cis-1,2-Dichloroethene
Concen: 18.59 ug/l
RT: 4.74 min Scan# 1458
Delta R.T. 0.00 min
Lab File: B1010020.D
Acq: 10 Oct 2007 14:06

Tgt Ion: 96 Resp: 63466

Ion	Ratio	Lower	Upper
96	100		
61	122.2	107.4	161.0

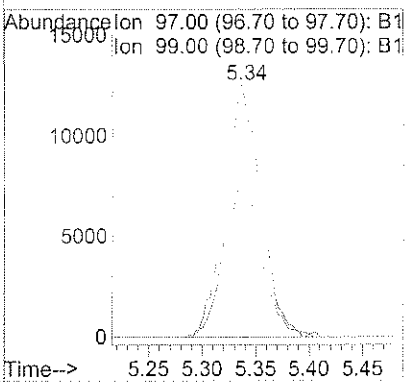




#35
1,1,1-Trichloroethane
Concen: 7.25 ug/l
RT: 5.34 min Scan# 1645
Delta R.T. 0.00 min
Lab File: B1010020.D
Acq: 10 Oct 2007 14:06

Tgt Ion: 97 Resp: 29276

Ion	Ratio	Lower	Upper
97	100		
99	64.8	40.3	80.3



VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

08SSW001DL2

Lab Name: _____ Contract: _____

SDG No.: TT02001 Run Sequence: R022490

Matrix: (SOIL/SED/WATER) Soil Lab Sample ID: TT02001-001DL2

Sample wt/vol: 2.21 (g/mL) gm Lab File ID: B1015028.D

Level: (LOW/MED) _____ Date Collected: 10/03/2007

% Moisture: not dec. 21.0 Date/Time Analyzed: 10/15/2007 18:04

GC Column: ZB-624 20m ID: 0.18 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____(uL) Soil Aliquot Volume: _____(uL)

Heated Purge: (Y/N) Y

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/kg	Q
1330-20-7	XYLENES, TOTAL	2.9	U
75-71-8	DICHLORODIFLUOROMETHANE	2.9	U
74-87-3	CHLOROMETHANE	2.9	U
75-01-4	VINYL CHLORIDE	2.9	U
74-83-9	BROMOMETHANE	2.9	U
75-00-3	CHLOROETHANE	2.9	U
75-69-4	TRICHLOROFLUOROMETHANE	2.9	U
75-35-4	1,1-DICHLOROETHENE	2.9	U
76-13-1	1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	2.9	U
67-64-1	ACETONE	26	JB
75-15-0	CARBON DISULFIDE	2.9	U
79-20-9	METHYL ACETATE	2.9	U
75-09-2	METHYLENE CHLORIDE	54	
1634-04-4	METHYL TERT-BUTYL ETHER	2.9	U
156-60-5	TRANS-1,2-DICHLOROETHENE	2.9	U
75-34-3	1,1-DICHLOROETHANE	10	
156-59-2	CIS-1,2-DICHLOROETHENE	130	
78-93-3	2-BUTANONE	2.9	U
67-66-3	CHLOROFORM	2.9	U
71-55-6	1,1,1-TRICHLOROETHANE	28	
110-82-7	CYCLOHEXANE	2.9	U
56-23-5	CARBON TETRACHLORIDE	2.9	U
71-43-2	BENZENE	2.9	U
107-06-2	1,2-DICHLOROETHANE	2.9	U
79-01-6	TRICHLOROETHENE	2.9	U
108-87-2	METHYLCYCLOHEXANE	2.9	U
78-87-5	1,2-DICHLOROPROPANE	2.9	U
75-27-4	BROMODICHLOROMETHANE	2.9	U
10061-01-	CIS-1,3-DICHLOROPROPENE	2.9	U

1

VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

08SSW001DL2

Lab Name: _____ Contract: _____

SDG No.: TT02001 Run Sequence: R022490

Matrix: (SOIL/SED/WATER) Soil Lab Sample ID: TT02001-001DL2

Sample wt/vol: 2.21 (g/mL) gm Lab File ID: B1015028.D

Level: (LOW/MED) _____ Date Collected: 10/03/2007

% Moisture: not dec. 21.0 Date/Time Analyzed: 10/15/2007 18:04

GC Column: ZB-624 20m ID: 0.18 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____(uL) Soil Aliquot Volume: _____(uL)

Heated Purge: (Y/N) Y

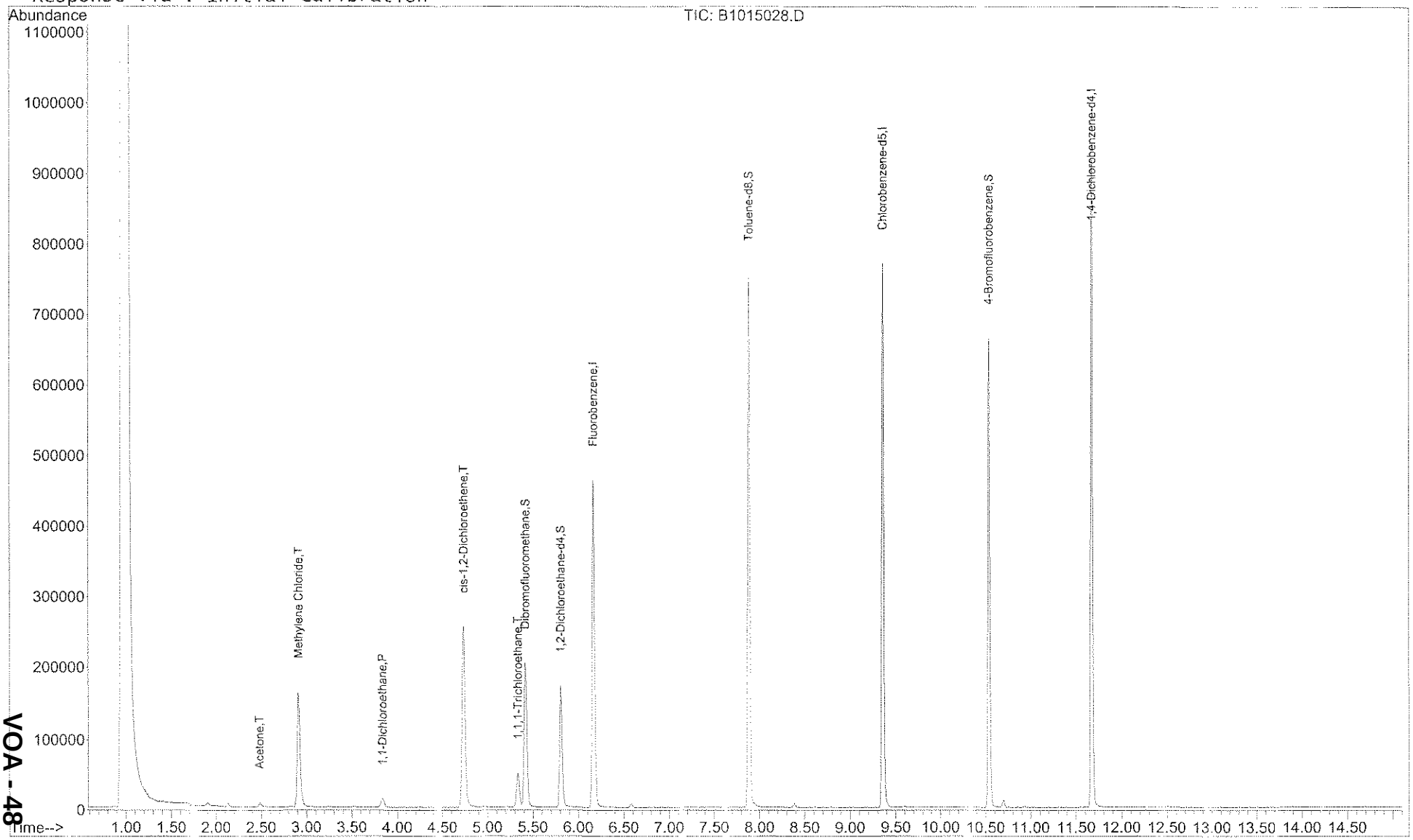
CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/kg	Q
108-10-1	4-METHYL-2-PENTANONE	2.9	U
108-88-3	TOLUENE	2.9	U
10061-02-	TRANS-1,3-DICHLOROPROPENE	2.9	U
79-00-5	1,1,2-TRICHLOROETHANE	2.9	U
127-18-4	TETRACHLOROETHENE	2.9	U
591-78-6	2-HEXANONE	2.9	U
124-48-1	DIBROMOCHLOROMETHANE	2.9	U
106-93-4	1,2-DIBROMOETHANE	2.9	U
108-90-7	CHLOROBENZENE	2.9	U
100-41-4	ETHYLBENZENE	2.9	U
179601-23	M,P-XYLENE	2.9	U
95-47-6	O-XYLENE	2.9	U
100-42-5	STYRENE	2.9	U
75-25-2	BROMOFORM	2.9	U
98-82-8	ISOPROPYLBENZENE	2.9	U
79-34-5	1,1,2,2-TETRACHLOROETHANE	2.9	U
541-73-1	1,3-DICHLOROBENZENE	2.9	U
106-46-7	1,4-DICHLOROBENZENE	2.9	U
95-50-1	1,2-DICHLOROBENZENE	2.9	U
96-12-8	1,2-DIBROMO-3-CHLOROPROPANE	2.9	U
120-82-1	1,2,4-TRICHLOROBENZENE	2.9	U

Comments:

Quantitation Report

Data File : X:\MSVOA\BUDDHA\101507\B1015028.D Vial: 22
Acq On : 15 Oct 2007 18:04 Operator: LPM
Sample : TT02001-001DL2 Inst : Buddha
Misc : #3 2.21G/5ML+IS/SS(MV-8-42-9) Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Oct 16 6:15 2007 Quant Results File: B8260S.RES

Method : X:\MSVOA\BUDDHA\QUANT\B8260S.M (RTE Integrator)
Title : VOA 8260- 5ML Soil Calibration 5973B
Last Update : Fri Sep 28 16:30:36 2007
Response via : Initial Calibration



Quantitation Report

Data File : X:\MSVOA\BUDDHA\101507\B1015028.D Vial: 22
Acq On : 15 Oct 2007 18:04 Operator: LPM
Sample : TT02001-001DL2 Inst : Buddha
Misc : #3 2.21G/5ML+IS/SS(MV-8-42-9) Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Oct 16 6:15 2007 Quant Results File: B8260S.RES

Quant Method : X:\MSVOA\BUDDHA\QUANT\B8260S.M (RTE Integrator)
Title : VOA 8260- 5ML Soil Calibration 5973B
Last Update : Fri Sep 28 16:30:36 2007
Response via : Initial Calibration
DataAcq Meth : 8260
IS QA File : X:\MSVOA\BUDDHA\092807\B0928013.D (28 Sep 2007 12:55)

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min) Rcv(Ar)
1) Fluorobenzene	6.17	96	439923	50.00 ug/l	0.00 70.37%
54) Chlorobenzene-d5	9.36	117	426373	50.00 ug/l	0.00 84.55%
74) 1,4-Dichlorobenzene-d4	11.67	152	244061	50.00 ug/l	0.00 73.67%

System Monitoring Compounds					
37) Dibromofluoromethane	5.42	111	142112	57.25 ug/l	0.00
Spiked Amount 50.000	Range 65 - 135		Recovery = 114.50%		
40) 1,2-Dichloroethane-d4	5.81	65	119349	53.84 ug/l	0.00
Spiked Amount 50.000	Range 52 - 149		Recovery = 107.68%		
55) Toluene-d8	7.88	98	479977	49.61 ug/l	0.00
Spiked Amount 50.000	Range 85 - 115		Recovery = 99.22%		
76) 4-Bromofluorobenzene	10.53	95	187590	48.89 ug/l	0.00
Spiked Amount 50.000	Range 85 - 120		Recovery = 97.78%		

Target Compounds					Qvalue
2) Dichlorodifluoromethane	1.09	85	28	N.D.	
3) Chloromethane	0.00	50	0	N.D.	
4) Vinyl Chloride	0.00	62	0	N.D.	
5) Bromomethane	1.57	96	27	N.D.	
6) Chloroethane	0.00	64	0	N.D.	
7) Trichlorofluoromethane	0.00	101	0	N.D.	
8) Acrolein	2.32	56	25	Below Cal #	13
9) 1,1-Dichloroethene	0.00	96	0	N.D.	
10) 1,1,2-Trichloro-1,2,2-trif	0.00	101	0	N.D.	
11) Acetone	2.48	43	8952	8.97 ug/l	90
12) Iodomethane	0.00	142	0	N.D.	
13) Bromoethane	0.00	108	0	N.D.	
14) Carbon Disulfide	2.53	76	525	N.D.	
15) Allyl chloride	0.00	76	0	N.D.	
16) Acetonitrile	2.82	41	272	N.D.	
17) Methyl Acetate	2.84	43	297	N.D.	
18) Methylene Chloride	2.91	84	91965	18.95 ug/l	92
19) trans-1,2-Dichloroethene	0.00	96	0	N.D.	
20) t-Butyl alcohol	0.00	59	0	N.D.	
21) Methyl tert-butyl ether	3.22	73	50	N.D.	
22) Acrylonitrile	0.00	53	0	N.D.	
23) 1,1-Dichloroethane	3.83	63	17365	3.49 ug/l	98
24) Chloroprene	0.00	53	0	N.D.	
25) Isopropyl ether	0.00	45	0	N.D.	
26) Vinyl acetate	0.00	43	0	N.D.	
27) Ethyl-t-butyl ether	0.00	59	0	N.D.	
28) 2,2-Dichloropropane	0.00	77	0	N.D.	
29) cis-1,2-Dichloroethene	4.73	96	151149	46.23 ug/l	89
30) 2-Butanone	4.90	43	159	N.D.	
31) Propionitrile	0.00	54	0	N.D.	
32) Bromochloromethane	0.00	128	0	N.D.	
33) Methacrylonitrile	0.00	41	0	N.D.	
34) Chloroform	5.20	83	735	N.D.	
35) 1,1,1-Trichloroethane	5.34	97	38464	9.95 ug/l	94
36) Cyclohexane	0.00	56	0	N.D.	

(#) = qualifier out of range (m) = manual integration

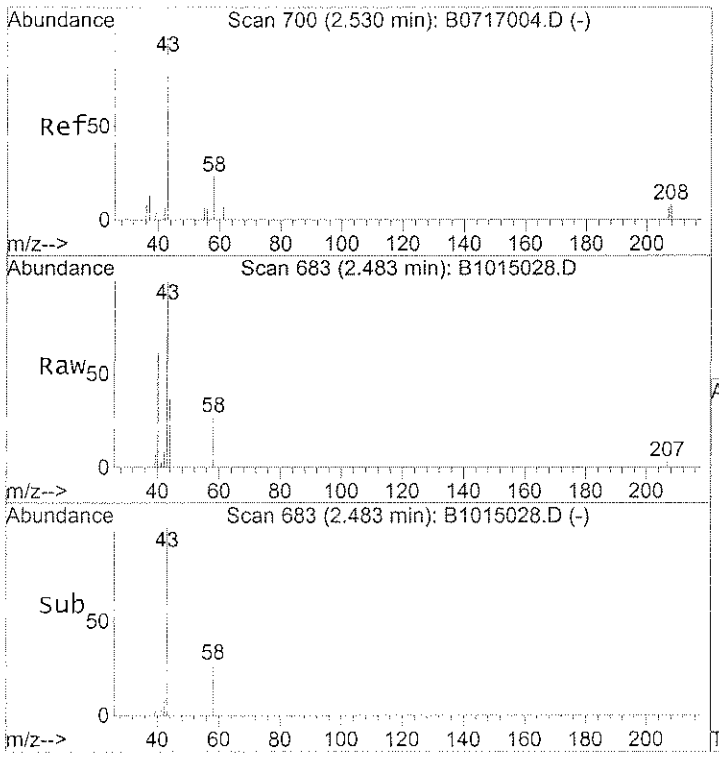
Quantitation Report

Data File : X:\MSVOA\BUDDHA\101507\B1015028.D Vial: 22
Acq On : 15 Oct 2007 18:04 Operator: LPM
Sample : TT02001-001DL2 Inst : Buddha
Misc : #3 2.21G/5ML+IS/SS(MV-8-42-9) Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Oct 16 6:15 2007 Quant Results File: B8260S.RES

Quant Method : X:\MSVOA\BUDDHA\QUANT\B8260S.M (RTE Integrator)
Title : VOA 8260- 5ML Soil Calibration 5973B
Last Update : Fri Sep 28 16:30:36 2007
Response via : Initial Calibration
DataAcq Meth : 8260

Compound	R.T.	QIon	Response	Conc Unit	Qvalue
38) Carbon Tetrachloride	0.00	117	0	N.D.	
39) 1,1-Dichloropropene	0.00	75	0	N.D.	
41) Benzene	5.80	78	793	N.D.	
42) 1,2-Dichloroethane	0.00	62	0	N.D.	
43) t-Amyl methyl ether	0.00	73	0	N.D.	
44) Isobutanol	0.00	43	0	N.D.	
45) Trichloroethene	6.58	130	2058	N.D.	
46) Methylcyclohexane	0.00	83	0	N.D.	
47) 1,2-Dichloropropane	0.00	63	0	N.D.	
48) Dibromomethane	0.00	93	0	N.D.	
49) Methyl methacrylate	6.92	41	36	N.D.	
50) Bromodichloromethane	0.00	83	0	N.D.	
51) 2-Chloroethyl vinyl ether	0.00	63	0	N.D.	
52) cis-1,3-Dichloropropene	0.00	75	0	N.D.	
53) 4-Methyl-2-pentanone	7.88	43	1844	N.D.	
56) Toluene	7.95	92	1193	N.D.	
57) trans-1,3-Dichloropropene	0.00	75	0	N.D.	
58) Ethyl methacrylate	0.00	69	0	N.D.	
59) 1,1,2-Trichloroethane	0.00	97	0	N.D.	
60) Tetrachloroethene	0.00	166	0	N.D.	
61) 1,3-Dichloropropane	0.00	76	0	N.D.	
62) 2-Hexanone	8.61	43	33	N.D.	
63) Dibromochloromethane	0.00	129	0	N.D.	
64) 1,2-Dibromoethane	0.00	107	0	N.D.	
65) 1-Chlorohexane	9.35	91	815	N.D.	
66) Chlorobenzene	9.38	112	180	N.D.	
67) 1,1,1,2-Tetrachloroethane	0.00	131	0	N.D.	
68) Ethylbenzene	9.60	91	897	N.D.	
69) m,p-Xylene	9.60	106	268	N.D.	
70) o-xylene	10.01	106	32	N.D.	
71) Styrene	10.03	104	29	N.D.	
72) Bromoform	0.00	173	0	N.D.	
73) Isopropylbenzene	10.54	105	61	N.D.	
75) trans-1,4-Dichloro-2-buten	10.53	53	30	N.D.	
77) Bromobenzene	0.00	156	0	N.D.	
78) 1,1,2,2-Tetrachloroethane	10.54	83	31	N.D.	
79) 1,2,3-Trichloropropane	0.00	110	0	N.D.	
80) n-Propylbenzene	10.95	120	33	N.D.	
81) 2-Chlorotoluene	10.78	91	29	N.D.	
82) 4-Chlorotoluene	10.96	91	37	N.D.	
83) 1,3,5-Trimethylbenzene	10.94	105	68	N.D.	
84) tert-Butylbenzene	11.31	119	31	N.D.	
85) 1,2,4-Trimethylbenzene	11.32	105	261	N.D.	
86) sec-butylbenzene	11.48	105	30	N.D.	
87) 1,3-Dichlorobenzene	11.60	146	88	N.D.	
88) 4-Isopropyltoluene	11.62	119	111	N.D.	
89) 1,4-Dichlorobenzene	11.70	146	463	N.D.	
90) 1,2-Dichlorobenzene	12.07	146	68	N.D.	
91) n-Butylbenzene	12.03	91	36	N.D.	
92) 1,2-Dibromo-3-chloropropan	0.00	75	0	N.D.	
93) 1,2,4-Trichlorobenzene	13.65	180	35	N.D.	
94) Hexachlorobutadiene	0.00	225	0	N.D.	
95) Naphthalene	13.89	128	541	N.D.	
96) 1,2,3-Trichlorobenzene	14.14	180	40	N.D.	

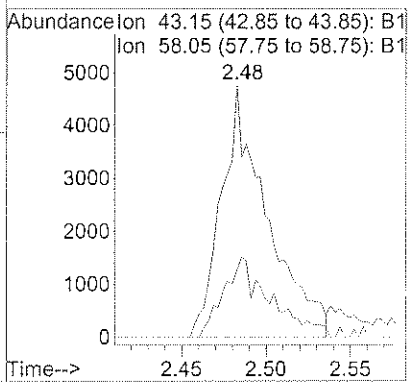
(#) = qualifier out of range (m) = manual integration
B1015028.D B8260S.M Tue Oct 16 08:15:36 2007

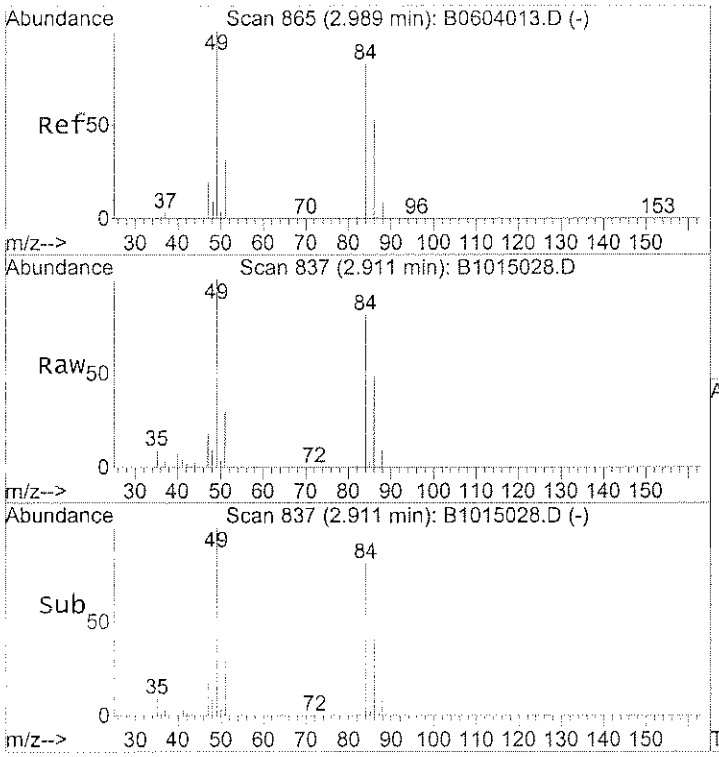


#11
Acetone
Concen: 8.97 ug/l
RT: 2.48 min Scan# 683
Delta R.T. 0.01 min
Lab File: B1015028.D
Acq: 15 Oct 2007 18:04

Tgt Ion: 43 Resp: 8952

Ion	Ratio	Lower	Upper
43	100		
58	32.7	22.0	33.0

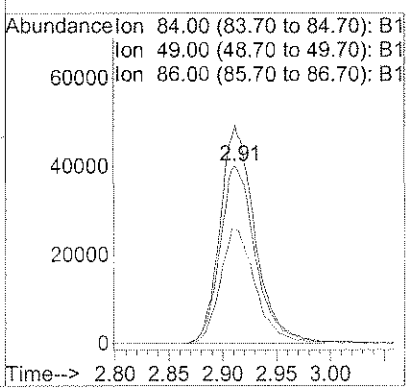


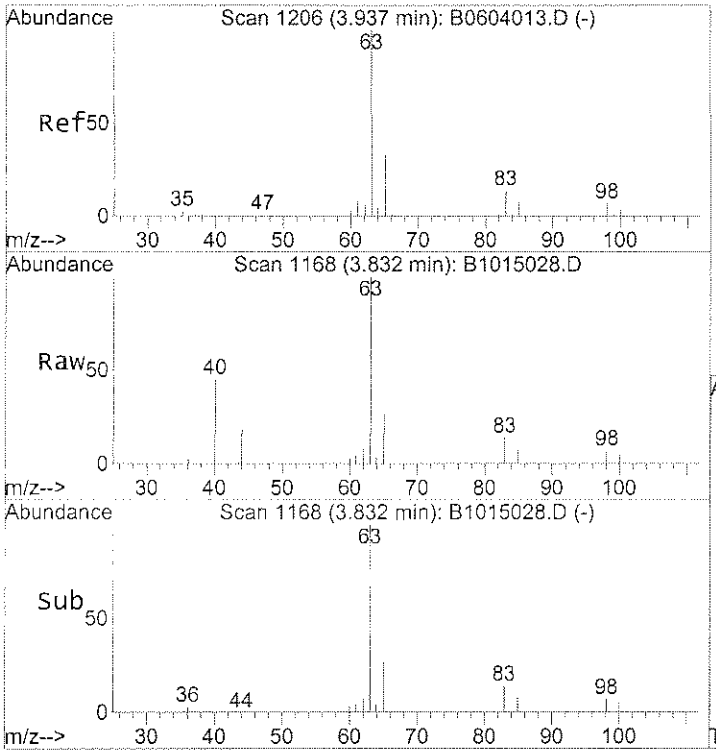


#18
Methylene Chloride
Concen: 18.95 ug/l
RT: 2.91 min Scan# 837
Delta R.T. 0.00 min
Lab File: B1015028.D
Acq: 15 Oct 2007 18:04

Tgt Ion: 84 Resp: 91965

Ion	Ratio	Lower	Upper
84	100		
49	120.8	113.6	153.6
86	63.8	45.8	85.8

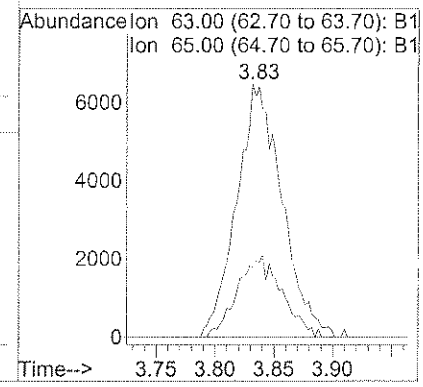


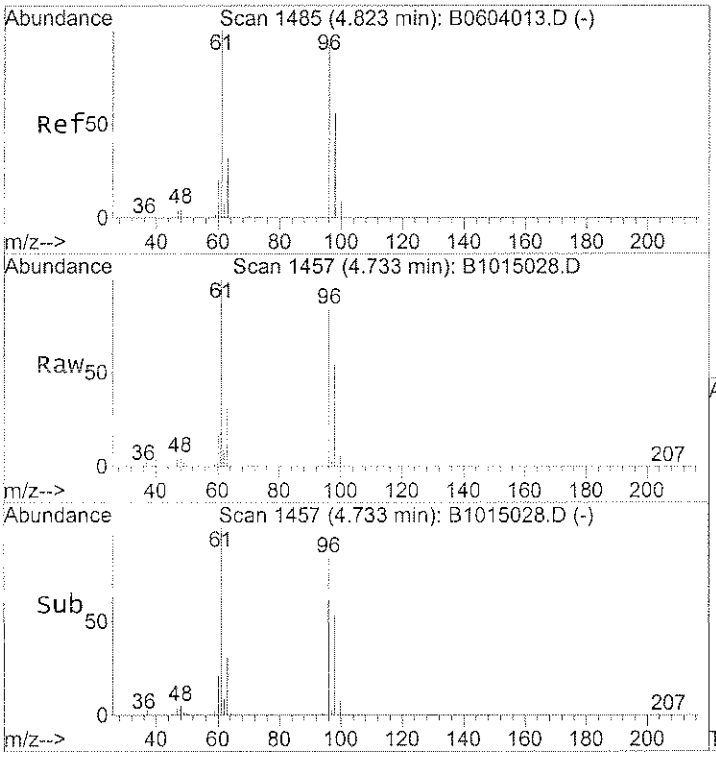


#23
1,1-Dichloroethane
Concen: 3.49 ug/l
RT: 3.83 min Scan# 1168
Delta R.T. -0.00 min
Lab File: B1015028.D
Acq: 15 Oct 2007 18:04

Tgt Ion: 63 Resp: 17365

Ion	Ratio	Lower	Upper
63	100		
65	31.4	10.2	50.2

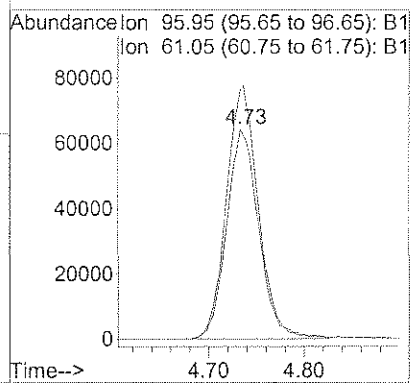


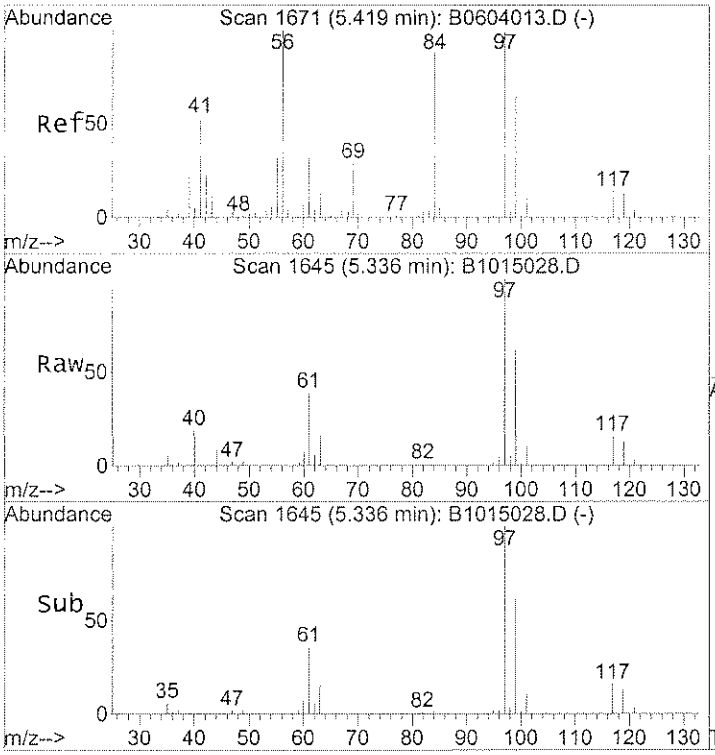


#29
cis-1,2-Dichloroethene
Concen: 46.23 ug/l
RT: 4.73 min Scan# 1457
Delta R.T. -0.00 min
Lab File: B1015028.D
Acq: 15 Oct 2007 18:04

Tgt Ion: 96 Resp: 151149

Ion	Ratio	Lower	Upper
96	100		
61	120.8	107.4	161.0

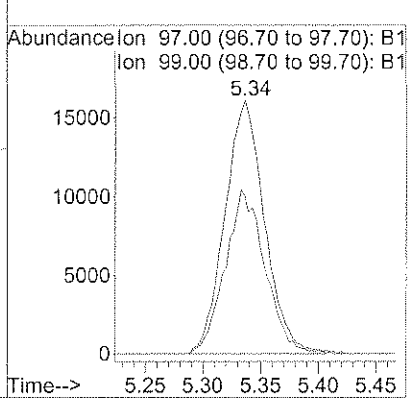




#35
1,1,1-Trichloroethane
Concen: 9.95 ug/l
RT: 5.34 min Scan# 1645
Delta R.T. 0.00 min
Lab File: B1015028.D
Acq: 15 Oct 2007 18:04

Tgt Ion: 97 Resp: 38464

Ion	Ratio	Lower	Upper
97	100		
99	64.8	40.3	80.3



VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

08SSW002

Lab Name: _____ Contract: _____

SDG No.: TT02001 Run Sequence: R022318

Matrix: (SOIL/SED/WATER) Soil Lab Sample ID: TT02001-002

Sample wt/vol: 5.74 (g/mL) gm Lab File ID: B1009016.D

Level: (LOW/MED) _____ Date Collected: 10/03/2007

% Moisture: not dec. 17.0 Date/Time Analyzed: 10/09/2007 11:25

GC Column: ZB-624 20m ID: 0.18 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____(uL) Soil Aliquot Volume: _____(uL)

Heated Purge: (Y/N) Y

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/kg	Q
1330-20-7	XYLENES, TOTAL	1.0	U
75-71-8	DICHLORODIFLUOROMETHANE	1.0	U
74-87-3	CHLOROMETHANE	1.0	U
75-01-4	VINYL CHLORIDE	3.0	J
74-83-9	BROMOMETHANE	1.0	U
75-00-3	CHLOROETHANE	97	
75-69-4	TRICHLOROFLUOROMETHANE	1.0	U
75-35-4	1,1-DICHLOROETHENE	1.0	U
76-13-1	1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	1.0	U
67-64-1	ACETONE	9.0	JB
75-15-0	CARBON DISULFIDE	1.0	U
79-20-9	METHYL ACETATE	1.0	U
75-09-2	METHYLENE CHLORIDE	1.0	U
1634-04-4	METHYL TERT-BUTYL ETHER	1.0	U
156-60-5	TRANS-1,2-DICHLOROETHENE	1.0	U
75-34-3	1,1-DICHLOROETHANE	32	
156-59-2	CIS-1,2-DICHLOROETHENE	5.5	
78-93-3	2-BUTANONE	1.0	U
67-66-3	CHLOROFORM	1.0	U
71-55-6	1,1,1-TRICHLOROETHANE	1.0	U
110-82-7	CYCLOHEXANE	1.0	U
56-23-5	CARBON TETRACHLORIDE	1.0	U
71-43-2	BENZENE	1.0	U
107-06-2	1,2-DICHLOROETHANE	1.0	U
79-01-6	TRICHLOROETHENE	1.0	U
108-87-2	METHYLCYCLOHEXANE	1.0	U
78-87-5	1,2-DICHLOROPROPANE	1.0	U
75-27-4	BROMODICHLOROMETHANE	1.0	U
10061-01-	CIS-1,3-DICHLOROPROPENE	1.0	U

1

VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

08SSW002

Lab Name: _____ Contract: _____

SDG No.: TT02001 Run Sequence: R022318

Matrix: (SOIL/SED/WATER) Soil Lab Sample ID: TT02001-002

Sample wt/vol: 5.74 (g/mL) gm Lab File ID: B1009016.D

Level: (LOW/MED) _____ Date Collected: 10/03/2007

% Moisture: not dec. 17.0 Date/Time Analyzed: 10/09/2007 11:25

GC Column: ZB-624 20m ID: 0.18 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____(uL) Soil Aliquot Volume: _____(uL)

Heated Purge: (Y/N) Y

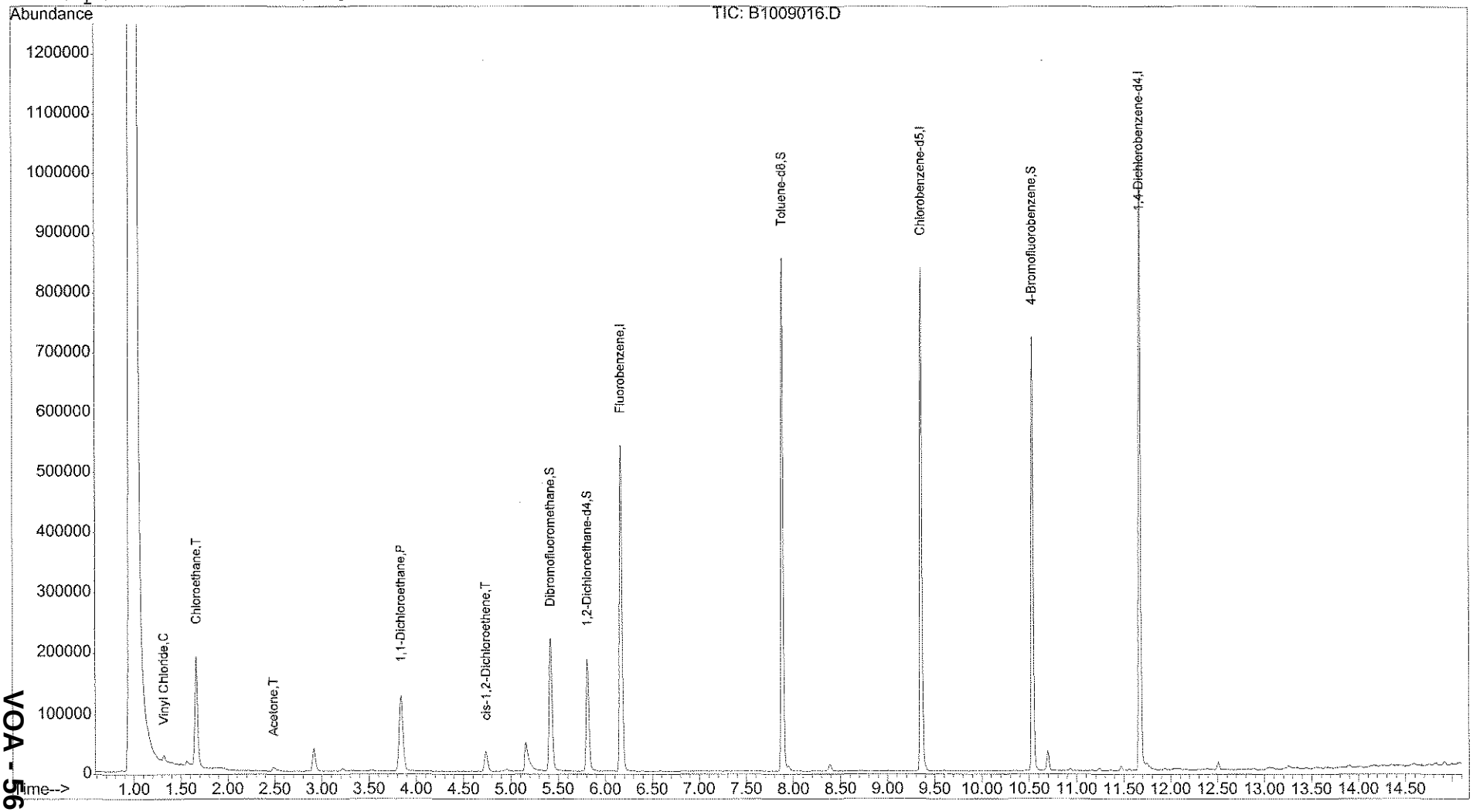
CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/kg	Q
108-10-1	4-METHYL-2-PENTANONE	1.0	U
108-88-3	TOLUENE	1.0	U
10061-02-	TRANS-1,3-DICHLOROPROPENE	1.0	U
79-00-5	1,1,2-TRICHLOROETHANE	1.0	U
127-18-4	TETRACHLOROETHENE	1.0	U
591-78-6	2-HEXANONE	1.0	U
124-48-1	DIBROMOCHLOROMETHANE	1.0	U
106-93-4	1,2-DIBROMOETHANE	1.0	U
108-90-7	CHLOROBENZENE	1.0	U
100-41-4	ETHYLBENZENE	1.0	U
179601-23	M,P-XYLENE	1.0	U
95-47-6	O-XYLENE	1.0	U
100-42-5	STYRENE	1.0	U
75-25-2	BROMOFORM	1.0	U
98-82-8	ISOPROPYLBENZENE	1.0	U
79-34-5	1,1,2,2-TETRACHLOROETHANE	1.0	U
541-73-1	1,3-DICHLOROBENZENE	1.0	U
106-46-7	1,4-DICHLOROBENZENE	1.0	U
95-50-1	1,2-DICHLOROBENZENE	1.0	U
96-12-8	1,2-DIBROMO-3-CHLOROPROPANE	1.0	U
120-82-1	1,2,4-TRICHLOROBENZENE	1.0	U

Comments:

Quantitation Report

Data File : X:\MSVOA\BUDDHA\100907\B1009016.D Vial: 10
Acq On : 9 Oct 2007 11:25 Operator: LPM
Sample : TT02001-002 Inst : Buddha
Misc : #2 5.74GM+ 5ML PFW+IS/SS Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Oct 10 7:52 2007 Quant Results File: B8260S.RES

Method : X:\MSVOA\BUDDHA\QUANT\B8260S.M (RTE Integrator)
Title : VOA 8260- 5ML Soil Calibration 5973B
Last Update : Fri Sep 28 16:30:36 2007
Response via : Initial Calibration



VOA - 56

Quantitation Report

Data File : X:\MSVOA\BUDDHA\100907\B1009016.D Vial: 10
Acq On : 9 Oct 2007 11:25 Operator: LPM
Sample : TT02001-002 Inst : Buddha
Misc : #2 5.74GM+ 5ML PFW+IS/SS Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Oct 10 7:52 2007 Quant Results File: B8260S.RES

Quant Method : X:\MSVOA\BUDDHA\QUANT\B8260S.M (RTE Integrator)
Title : VOA 8260- 5ML Soil Calibration 5973B
Last Update : Fri Sep 28 16:30:36 2007
Response via : Initial Calibration
DataAcq Meth : 8260
IS QA File : X:\MSVOA\BUDDHA\092807\B0928013.D (28 Sep 2007 12:55)

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min) Rcv(Ar)
1) Fluorobenzene	6.17	96	508050	50.00 ug/l	0.00 81.27%
54) Chlorobenzene-d5	9.36	117	459303	50.00 ug/l	0.00 91.08%
74) 1,4-Dichlorobenzene-d4	11.67	152	273330	50.00 ug/l	0.00 82.50%

System Monitoring Compounds

37) Dibromofluoromethane	5.42	111	154758	53.99 ug/l	0.00
Spiked Amount 50.000	Range 65 - 135		Recovery = 107.98%		
40) 1,2-Dichloroethane-d4	5.81	65	134490	52.54 ug/l	0.00
Spiked Amount 50.000	Range 52 - 149		Recovery = 105.08%		
55) Toluene-d8	7.88	98	540888	51.90 ug/l	0.00
Spiked Amount 50.000	Range 85 - 115		Recovery = 103.80%		
76) 4-Bromofluorobenzene	10.53	95	211092	49.12 ug/l	0.00
Spiked Amount 50.000	Range 85 - 120		Recovery = 98.24%		

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.09	85	36	N.D.	
3) Chloromethane	1.22	50	32	N.D.	
4) Vinyl Chloride	1.32	62	9928	2.88 ug/l	94
5) Bromomethane	1.60	96	36	N.D.	
6) Chloroethane	1.66	64	183223	91.97 ug/l	98
7) Trichlorofluoromethane	0.00	101	0	N.D.	
8) Acrolein	2.29	56	63	Below Cal #	79
9) 1,1-Dichloroethene	2.34	96	28	N.D.	
10) 1,1,2-Trichloro-1,2,2-trif	0.00	101	0	N.D.	
11) Acetone	2.49	43	9936	8.62 ug/l	98
12) Iodomethane	0.00	142	0	N.D.	
13) Bromoethane	2.55	108	842	N.D.	
14) Carbon Disulfide	2.53	76	232	N.D.	
15) Allyl chloride	0.00	76	0	N.D.	
16) Acetonitrile	2.81	41	35	N.D.	
17) Methyl Acetate	0.00	43	0	N.D.	
18) Methylene Chloride	2.92	84	20892	Below Cal	94
19) trans-1,2-Dichloroethene	3.22	96	1546	N.D.	
20) t-Butyl alcohol	0.00	59	0	N.D.	
21) Methyl tert-butyl ether	0.00	73	0	N.D.	
22) Acrylonitrile	0.00	53	0	N.D.	

(#) = qualifier out of range (m) = manual integration
B1009016.D B8260S.M Wed Oct 10 07:52:14 2007

10/10/07

Quantitation Report

Data File : X:\MSVOA\BUDDHA\100907\B1009016.D Vial: 10
Acq On : 9 Oct 2007 11:25 Operator: LPM
Sample : TT02001-002 Inst : Buddha
Misc : #2 5.74GM+ 5ML PFW+IS/SS Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Oct 10 7:52 2007 Quant Results File: B8260S.RES

Quant Method : X:\MSVOA\BUDDHA\QUANT\B8260S.M (RTE Integrator)
Title : VOA 8260- 5ML Soil Calibration 5973B
Last Update : Fri Sep 28 16:30:36 2007
Response via : Initial Calibration
DataAcq Meth : 8260

	Compound	R.T.	QIon	Response	Conc Unit	Qvalue
23)	1,1-Dichloroethane	3.84	63	177290	30.89 ug/l	97
24)	Chloroprene	0.00	53	0	N.D.	
25)	Isopropyl ether	0.00	45	0	N.D.	
26)	Vinyl acetate	3.97	43	27	N.D.	
27)	Ethyl-t-butyl ether	0.00	59	0	N.D.	
28)	2,2-Dichloropropane	0.00	77	0	N.D.	
29)	cis-1,2-Dichloroethene	4.74	96	19681	5.21 ug/l	89
30)	2-Butanone	4.89	43	461	N.D.	
31)	Propionitrile	0.00	54	0	N.D.	
32)	Bromochloromethane	0.00	128	0	N.D.	
33)	Methacrylonitrile	0.00	41	0	N.D. d	
34)	Chloroform	5.21	83	936	N.D.	
35)	1,1,1-Trichloroethane	5.33	97	79	N.D.	
36)	Cyclohexane	0.00	56	0	N.D.	
38)	Carbon Tetrachloride	0.00	117	0	N.D.	
39)	1,1-Dichloropropene	0.00	75	0	N.D.	
41)	Benzene	5.81	78	813	N.D.	
42)	1,2-Dichloroethane	5.91	62	66	N.D.	
43)	t-Amyl methyl ether	0.00	73	0	N.D.	
44)	Isobutanol	5.97	43	31	N.D.	
45)	Trichloroethene	6.59	130	577	N.D.	
46)	Methylcyclohexane	0.00	83	0	N.D.	
47)	1,2-Dichloropropane	0.00	63	0	N.D.	
48)	Dibromomethane	0.00	93	0	N.D.	
49)	Methyl methacrylate	7.03	41	31	N.D.	
50)	Bromodichloromethane	0.00	83	0	N.D.	
51)	2-Chloroethyl vinyl ether	0.00	63	0	N.D.	
52)	cis-1,3-Dichloropropene	0.00	75	0	N.D.	
53)	4-Methyl-2-pentanone	7.88	43	2551	N.D.	
56)	Toluene	7.95	92	2209	N.D.	
57)	trans-1,3-Dichloropropene	0.00	75	0	N.D.	
58)	Ethyl methacrylate	8.35	69	32	N.D.	
59)	1,1,2-Trichloroethane	8.39	97	38	N.D.	
60)	Tetrachloroethene	8.49	166	183	N.D.	
61)	1,3-Dichloropropane	0.00	76	0	N.D.	
62)	2-Hexanone	8.70	43	104	N.D.	
63)	Dibromochloromethane	0.00	129	0	N.D.	
64)	1,2-Dibromoethane	0.00	107	0	N.D.	
65)	1-Chlorohexane	9.35	91	925	N.D.	
66)	Chlorobenzene	9.39	112	107	N.D.	
67)	1,1,1,2-Tetrachloroethane	0.00	131	0	N.D.	

(#) = qualifier out of range (m) = manual integration

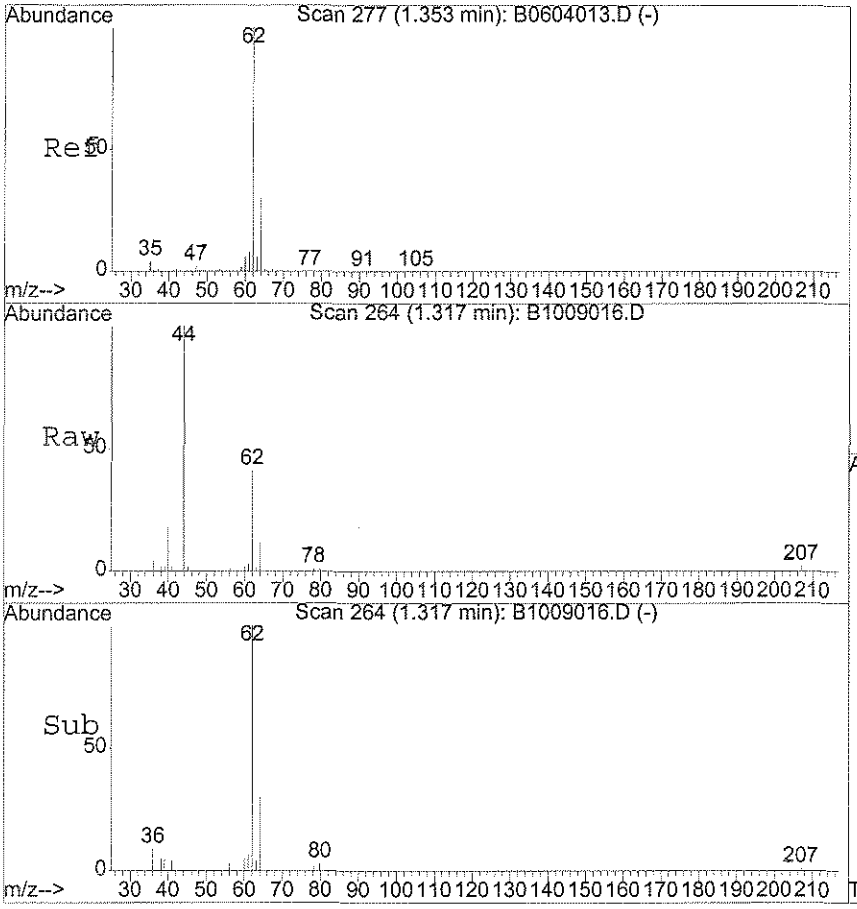
Quantitation Report

Data File : X:\MSVOA\BUDDHA\100907\B1009016.D Vial: 10
Acq On : 9 Oct 2007 11:25 Operator: LPM
Sample : TT02001-002 Inst : Buddha
Misc : #2 5.74GM+ 5ML PFW+IS/SS Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Oct 10 7:52 2007 Quant Results File: B8260S.RES

Quant Method : X:\MSVOA\BUDDHA\QUANT\B8260S.M (RTE Integrator)
Title : VOA 8260- 5ML Soil Calibration 5973B
Last Update : Fri Sep 28 16:30:36 2007
Response via : Initial Calibration
DataAcq Meth : 8260

	Compound	R.T.	QIon	Response	Conc Unit	Qvalue
68)	Ethylbenzene	9.49	91	539	N.D.	
69)	m,p-Xylene	9.60	106	507	N.D.	
70)	o-xylene	10.00	106	31	N.D.	
71)	Styrene	10.02	104	50	N.D.	
72)	Bromoform	0.00	173	0	N.D.	
73)	Isopropylbenzene	10.36	105	121	N.D.	
75)	trans-1,4-Dichloro-2-buten	0.00	53	0	N.D.	
77)	Bromobenzene	10.68	156	59	N.D.	
78)	1,1,2,2-Tetrachloroethane	10.75	83	32	N.D.	
79)	1,2,3-Trichloropropane	0.00	110	0	N.D.	
80)	n-Propylbenzene	10.77	120	35	N.D.	
81)	2-Chlorotoluene	10.86	91	160	N.D.	
82)	4-Chlorotoluene	10.96	91	603	N.D.	
83)	1,3,5-Trimethylbenzene	10.94	105	318	N.D.	
84)	tert-Butylbenzene	11.26	119	131	N.D.	
85)	1,2,4-Trimethylbenzene	11.31	105	533	N.D.	
86)	sec-butylbenzene	11.48	105	442	N.D.	
87)	1,3-Dichlorobenzene	11.61	146	567	N.D.	
88)	4-Isopropyltoluene	11.62	119	324	N.D.	
89)	1,4-Dichlorobenzene	11.69	146	983	N.D.	
90)	1,2-Dichlorobenzene	12.06	146	368	N.D.	
91)	n-Butylbenzene	12.03	91	694	N.D.	
92)	1,2-Dibromo-3-chloropropan	0.00	75	0	N.D.	
93)	1,2,4-Trichlorobenzene	13.65	180	534	N.D.	
94)	Hexachlorobutadiene	13.79	225	34	N.D.	
95)	Naphthalene	13.90	128	2839	N.D.	
96)	1,2,3-Trichlorobenzene	14.14	180	441	N.D.	

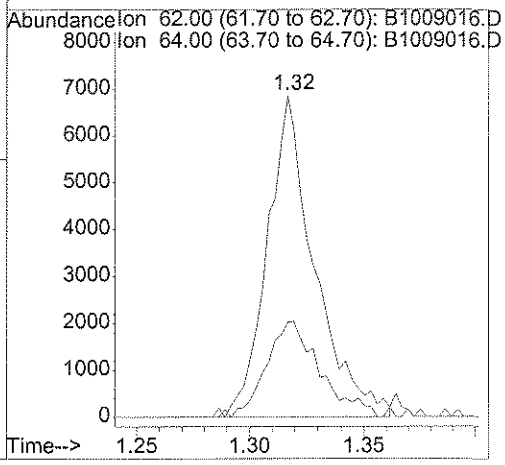
(#) = qualifier out of range (m) = manual integration
B1009016.D B8260S.M Wed Oct 10 07:52:14 2007

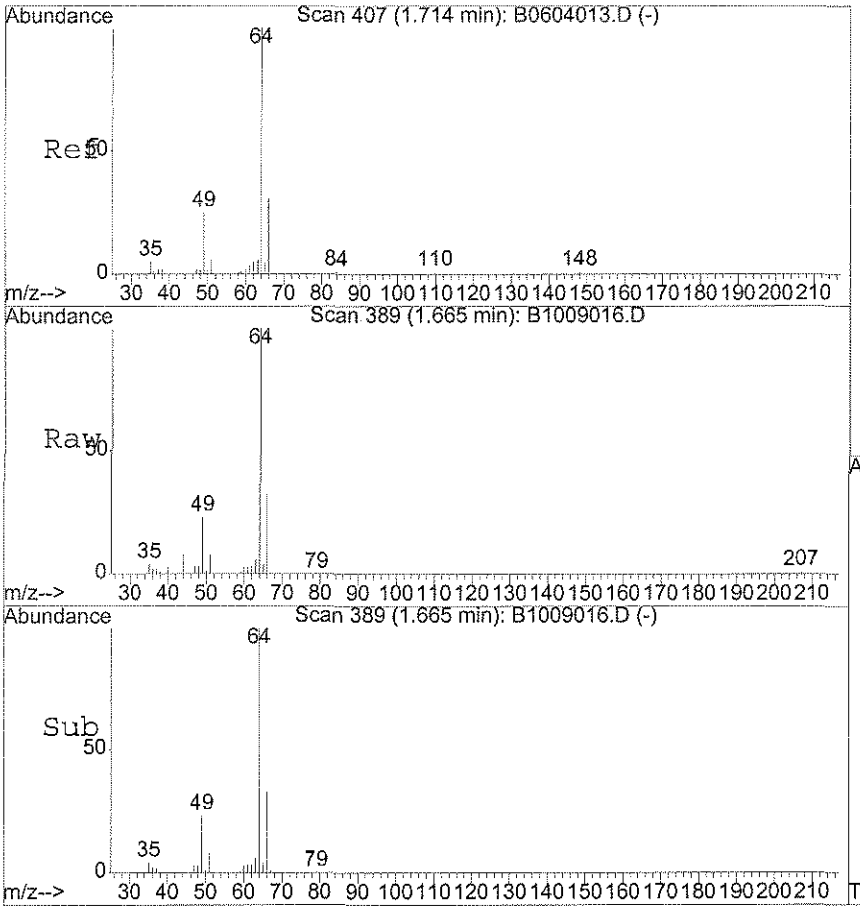


#4
Vinyl Chloride
Concen: 2.88 ug/l
RT: 1.32 min Scan# 264
Delta R.T. 0.01 min
Lab File: B1009016.D
Acq: 9 Oct 2007 11:25

Tgt Ion: 62 Resp: 9928

Ion	Ratio	Lower	Upper
62	100		
64	33.6	10.2	50.2

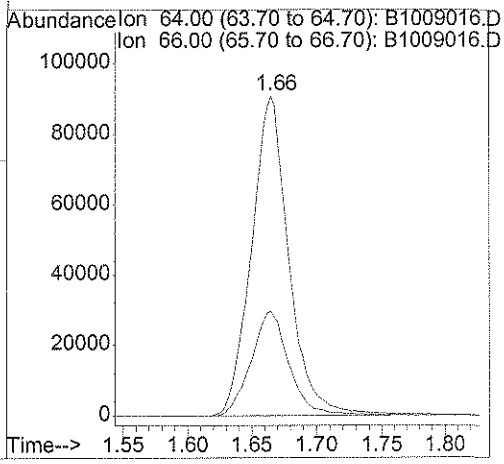


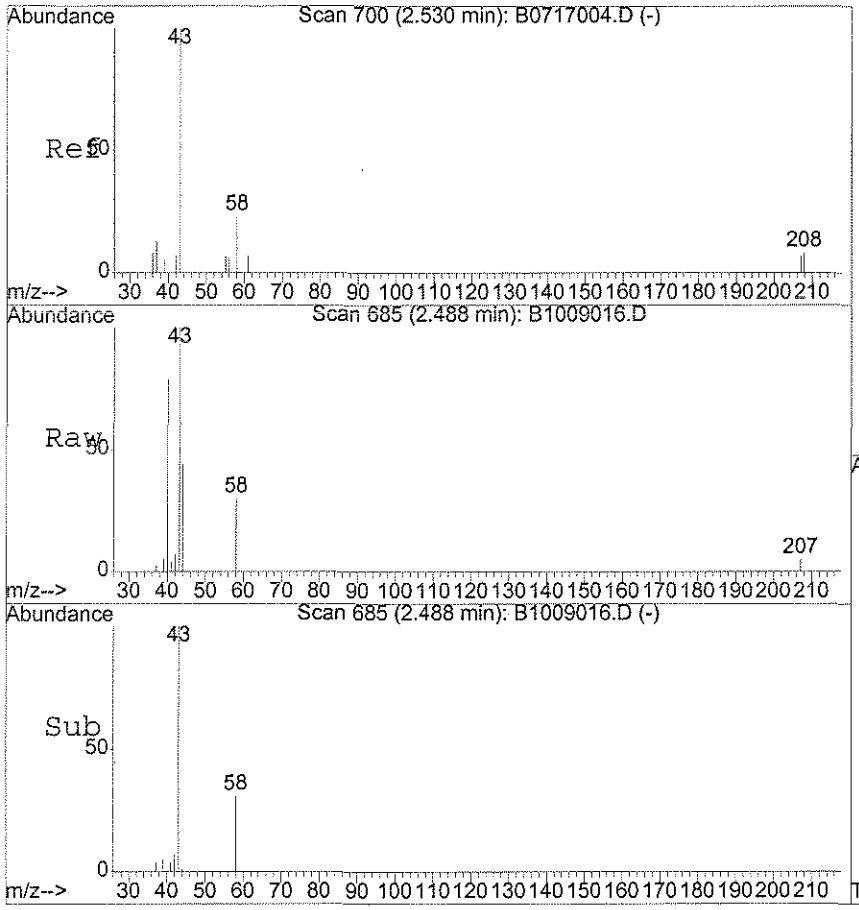


#6
Chloroethane
Concen: 91.97 ug/l
RT: 1.66 min Scan# 389
Delta R.T. 0.01 min
Lab File: B1009016.D
Acq: 9 Oct 2007 11:25

Tgt Ion: 64 Resp: 183223

Ion	Ratio	Lower	Upper
64	100		
66	32.8	11.6	51.6

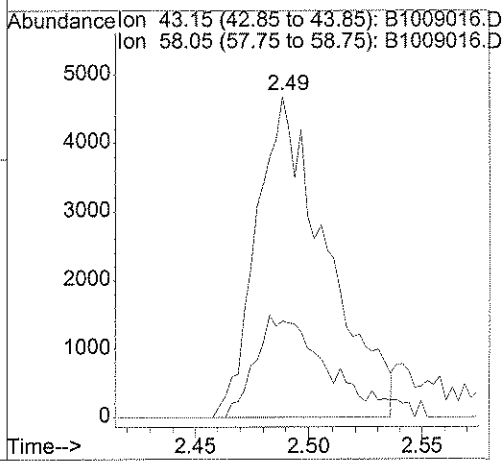


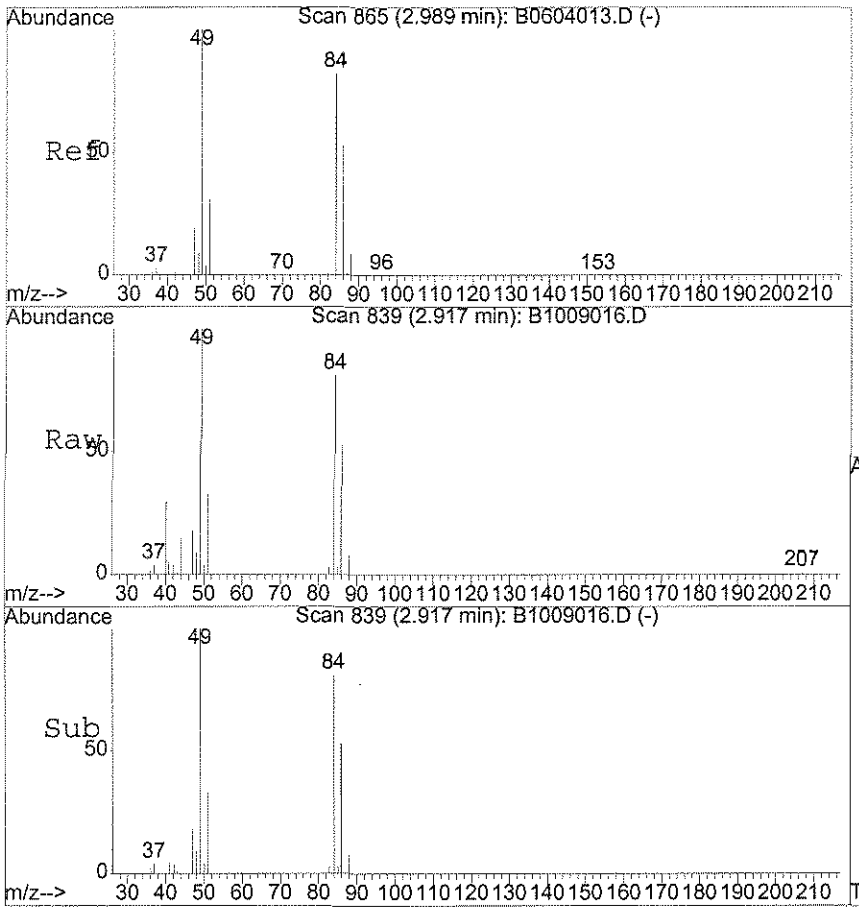


#11
Acetone
Concen: 8.62 ug/l
RT: 2.49 min Scan# 685
Delta R.T. 0.01 min
Lab File: B1009016.D
Acq: 9 Oct 2007 11:25

Tgt Ion: 43 Resp: 9936

Ion	Ratio	Lower	Upper
43	100		
58	26.4	22.0	33.0

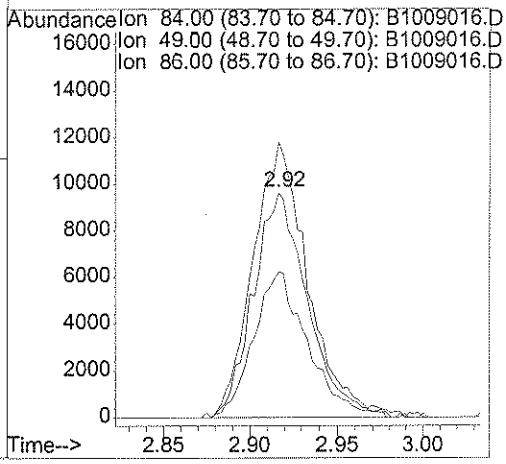


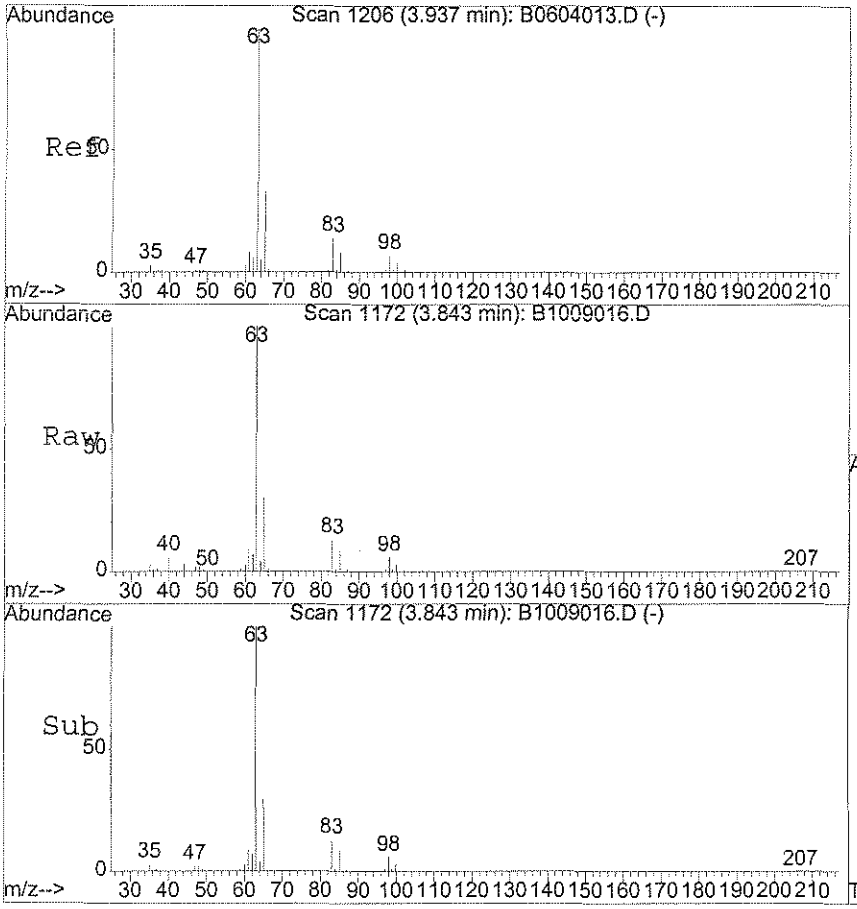


#18
Methylene Chloride
Concen: Below Cal
RT: 2.92 min Scan# 839
Delta R.T. 0.01 min
Lab File: B1009016.D
Acq: 9 Oct 2007 11:25

Tgt Ion: 84 Resp: 20892

Ion	Ratio	Lower	Upper
84	100		
49	124.4	113.6	153.6
86	64.6	45.8	85.8

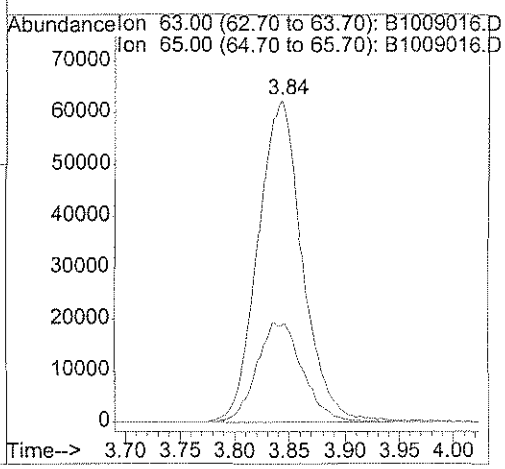


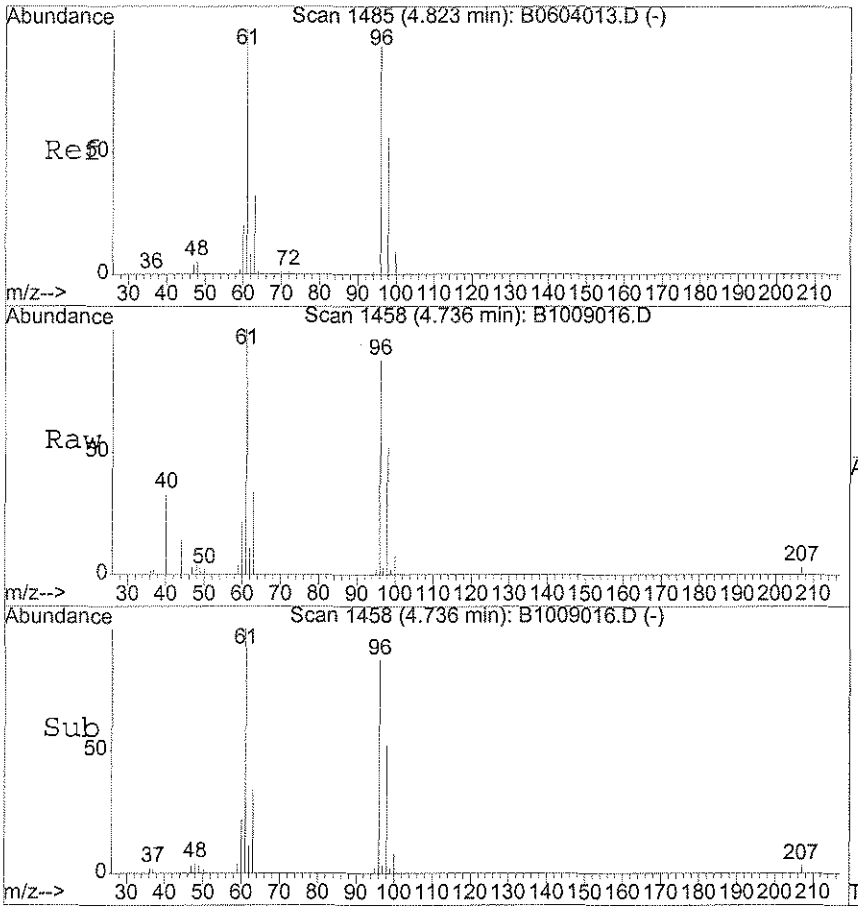


#23
1,1-Dichloroethane
Concen: 30.89 ug/l
RT: 3.84 min Scan# 1172
Delta R.T. 0.01 min
Lab File: B1009016.D
Acq: 9 Oct 2007 11:25

Tgt Ion: 63 Resp: 177290

Ion	Ratio	Lower	Upper
63	100		
65	32.1	10.2	50.2

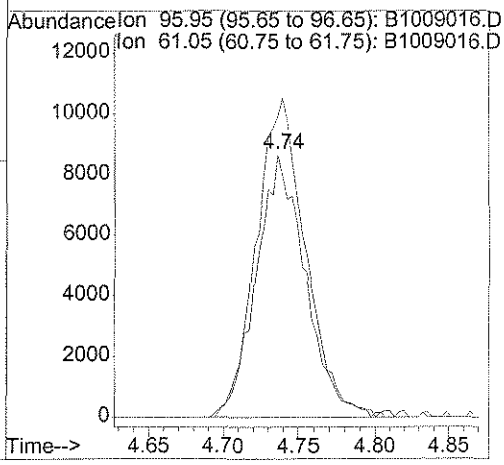




#29
cis-1,2-Dichloroethene
Concen: 5.21 ug/l
RT: 4.74 min Scan# 1458
Delta R.T. 0.00 min
Lab File: B1009016.D
Acq: 9 Oct 2007 11:25

Tgt Ion: 96 Resp: 19681

Ion	Ratio	Lower	Upper
96	100		
61	121.3	107.4	161.0



VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

08SSW003

Lab Name: _____ Contract: _____

SDG No.: TT02001 Run Sequence: R022318

Matrix: (SOIL/SED/WATER) Soil Lab Sample ID: TT02001-003

Sample wt/vol: 5.89 (g/mL) gm Lab File ID: B1009017.D

Level: (LOW/MED) _____ Date Collected: 10/03/2007

% Moisture: not dec. 18.0 Date/Time Analyzed: 10/09/2007 11:52

GC Column: ZB-624 20m ID: 0.18 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____(uL) Soil Aliquot Volume: _____(uL)

Heated Purge: (Y/N) Y

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/kg	Q
1330-20-7	XYLENES, TOTAL	1.0	U
75-71-8	DICHLORODIFLUOROMETHANE	1.0	U
74-87-3	CHLOROMETHANE	1.0	U
75-01-4	VINYL CHLORIDE	1.0	U
74-83-9	BROMOMETHANE	1.0	U
75-00-3	CHLOROETHANE	14	
75-69-4	TRICHLOROFLUOROMETHANE	1.0	U
75-35-4	1,1-DICHLOROETHENE	1.0	U
76-13-1	1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	1.0	U
67-64-1	ACETONE	7.0	JB
75-15-0	CARBON DISULFIDE	1.0	U
79-20-9	METHYL ACETATE	1.0	U
75-09-2	METHYLENE CHLORIDE	1.0	U
1634-04-4	METHYL TERT-BUTYL ETHER	1.0	U
156-60-5	TRANS-1,2-DICHLOROETHENE	1.0	U
75-34-3	1,1-DICHLOROETHANE	84	
156-59-2	CIS-1,2-DICHLOROETHENE	390	E
78-93-3	2-BUTANONE	1.0	U
67-66-3	CHLOROFORM	1.0	U
71-55-6	1,1,1-TRICHLOROETHANE	41	
110-82-7	CYCLOHEXANE	1.0	U
56-23-5	CARBON TETRACHLORIDE	1.0	U
71-43-2	BENZENE	1.0	U
107-06-2	1,2-DICHLOROETHANE	1.0	U
79-01-6	TRICHLOROETHENE	6.9	
108-87-2	METHYLCYCLOHEXANE	1.0	U
78-87-5	1,2-DICHLOROPROPANE	1.0	U
75-27-4	BROMODICHLOROMETHANE	1.0	U
10061-01-	CIS-1,3-DICHLOROPROPENE	1.0	U

1

VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

08SSW003

Lab Name: _____ Contract: _____

SDG No.: TT02001 Run Sequence: R022318

Matrix: (SOIL/SED/WATER) Soil Lab Sample ID: TT02001-003

Sample wt/vol: 5.89 (g/mL) gm Lab File ID: B1009017.D

Level: (LOW/MED) _____ Date Collected: 10/03/2007

% Moisture: not dec. 18.0 Date/Time Analyzed: 10/09/2007 11:52

GC Column: ZB-624 20m ID: 0.18 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____(uL) Soil Aliquot Volume: _____(uL)

Heated Purge: (Y/N) Y

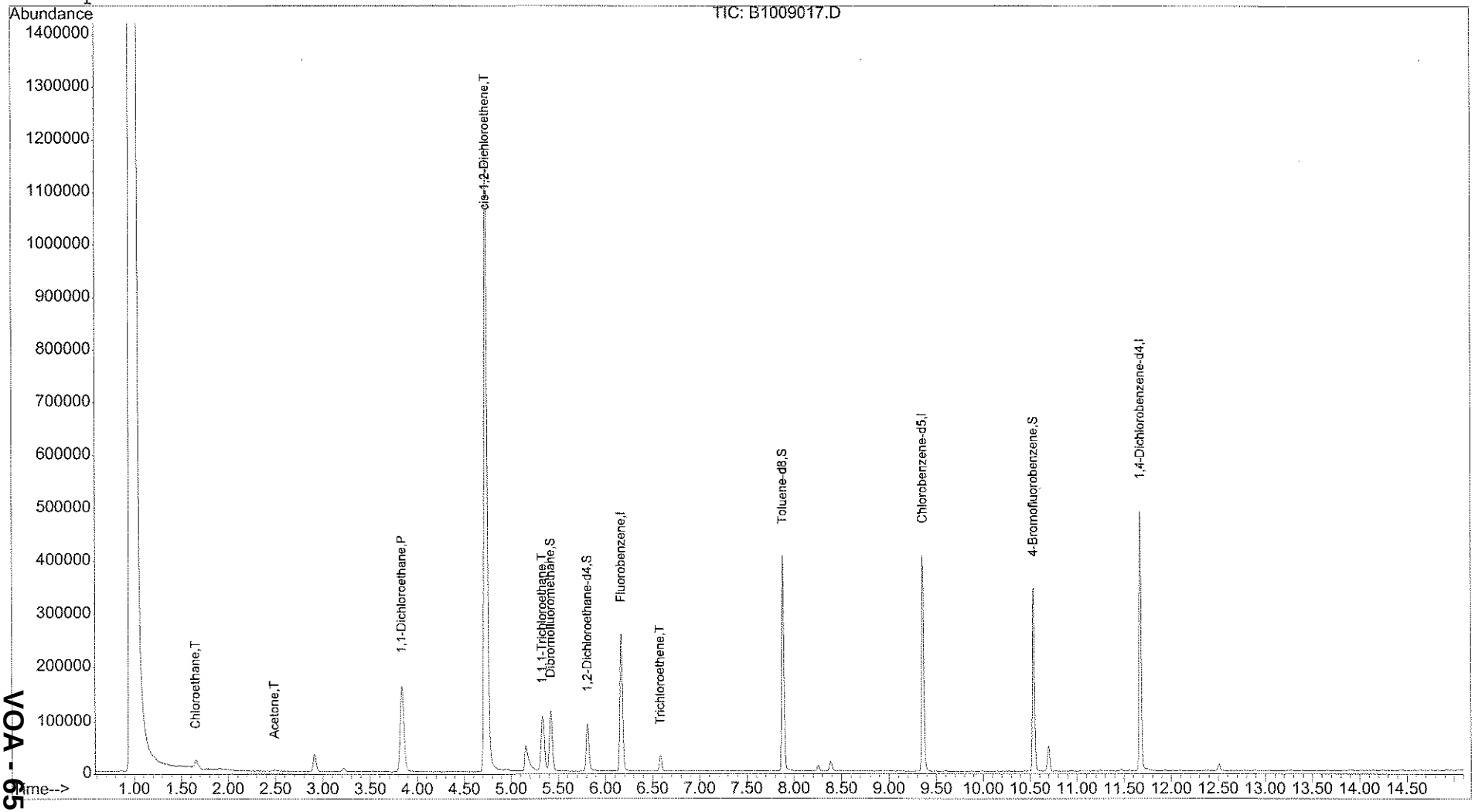
CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/kg	Q
108-10-1	4-METHYL-2-PENTANONE	1.0	U
108-88-3	TOLUENE	1.0	U
10061-02-	TRANS-1,3-DICHLOROPROPENE	1.0	U
79-00-5	1,1,2-TRICHLOROETHANE	1.0	U
127-18-4	TETRACHLOROETHENE	1.0	U
591-78-6	2-HEXANONE	1.0	U
124-48-1	DIBROMOCHLOROMETHANE	1.0	U
106-93-4	1,2-DIBROMOETHANE	1.0	U
108-90-7	CHLOROBENZENE	1.0	U
100-41-4	ETHYLBENZENE	1.0	U
179601-23	M,P-XYLENE	1.0	U
95-47-6	O-XYLENE	1.0	U
100-42-5	STYRENE	1.0	U
75-25-2	BROMOFORM	1.0	U
98-82-8	ISOPROPYLBENZENE	1.0	U
79-34-5	1,1,2,2-TETRACHLOROETHANE	1.0	U
541-73-1	1,3-DICHLOROBENZENE	1.0	U
106-46-7	1,4-DICHLOROBENZENE	1.0	U
95-50-1	1,2-DICHLOROBENZENE	1.0	U
96-12-8	1,2-DIBROMO-3-CHLOROPROPANE	1.0	U
120-82-1	1,2,4-TRICHLOROBENZENE	1.0	U

Comments:

Quantitation Report

Data File : X:\MSVOA\BUDDHA\100907\B1009017.D Vial: 11
Acq On : 9 Oct 2007 11:52 Operator: LPM
Sample : TT02001-003 Inst : Buddha
Misc : #2 5.89GM+ 5ML PFW+IS/SS Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Oct 10 7:52 2007 Quant Results File: B8260S.RES

Method : X:\MSVOA\BUDDHA\QUANT\B8260S.M (RTE Integrator)
Title : VOA 8260- 5ML Soil Calibration 5973B
Last Update : Fri Sep 28 16:30:36 2007
Response via : Initial Calibration



VOA - 95

Quantitation Report

Data File : X:\MSVOA\BUDDHA\100907\B1009017.D Vial: 11
Acq On : 9 Oct 2007 11:52 Operator: LPM
Sample : TT02001-003 Inst : Buddha
Misc : #2 5.89GM+ 5ML PFW+IS/SS Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Oct 10 7:52 2007 Quant Results File: B8260S.RES

Quant Method : X:\MSVOA\BUDDHA\QUANT\B8260S.M (RTE Integrator)
Title : VOA 8260- 5ML Soil Calibration 5973B
Last Update : Fri Sep 28 16:30:36 2007
Response via : Initial Calibration
DataAcq Meth : 8260
IS QA File : X:\MSVOA\BUDDHA\092807\B0928013.D (28 Sep 2007 12:55)

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min) Rcv(Ar)
1) Fluorobenzene	6.17	96	246968	50.00 ug/l	0.00 39.51%
54) Chlorobenzene-d5	9.36	117	227004	50.00 ug/l	0.00 45.02%
74) 1,4-Dichlorobenzene-d4	11.67	152	131351	50.00 ug/l	0.00 39.65%

System Monitoring Compounds					
37) Dibromofluoromethane	5.42	111	81319	58.36 ug/l	0.00
Spiked Amount 50.000	Range 65 - 135		Recovery = 116.72%		
40) 1,2-Dichloroethane-d4	5.81	65	66522	53.46 ug/l	0.00
Spiked Amount 50.000	Range 52 - 149		Recovery = 106.92%		
55) Toluene-d8	7.88	98	261422	50.75 ug/l	0.00
Spiked Amount 50.000	Range 85 - 115		Recovery = 101.50%		
76) 4-Bromofluorobenzene	10.54	95	102209	49.49 ug/l	0.00
Spiked Amount 50.000	Range 85 - 120		Recovery = 98.98%		

Target Compounds					Qvalue
2) Dichlorodifluoromethane	1.09	85	28	N.D.	
3) Chloromethane	0.00	50	0	N.D.	
4) Vinyl Chloride	1.32	62	288	N.D.	
5) Bromomethane	1.58	96	27	N.D.	
6) Chloroethane	1.65	64	12862	13.28 ug/l	96
7) Trichlorofluoromethane	0.00	101	0	N.D.	
8) Acrolein	2.29	56	31	Below Cal #	13
9) 1,1-Dichloroethene	2.33	96	25	N.D.	
10) 1,1,2-Trichloro-1,2,2-trif	0.00	101	0	N.D.	
11) Acetone	2.49	43	3777	6.74 ug/l	95
12) Iodomethane	0.00	142	0	N.D.	
13) Bromoethane	0.00	108	0	N.D.	
14) Carbon Disulfide	2.53	76	153	N.D.	
15) Allyl chloride	0.00	76	0	N.D.	
16) Acetonitrile	2.81	41	39	N.D.	
17) Methyl Acetate	0.00	43	0	N.D.	
18) Methylene Chloride	2.91	84	17936	Below Cal	91
19) trans-1,2-Dichloroethene	3.22	96	2216	N.D.	
20) t-Butyl alcohol	3.22	59	30	N.D.	
21) Methyl tert-butyl ether	0.00	73	0	N.D.	
22) Acrylonitrile	0.00	53	0	N.D.	

(#) = qualifier out of range (m) = manual integration
B1009017.D B8260S.M Wed Oct 10 07:53:06 2007

10/10/07

Quantitation Report

Data File : X:\MSVOA\BUDDHA\100907\B1009017.D Vial: 11
Acq On : 9 Oct 2007 11:52 Operator: LPM
Sample : TT02001-003 Inst : Buddha
Misc : #2 5.89GM+ 5ML PFW+IS/SS Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Oct 10 7:52 2007 Quant Results File: B8260S.RES

Quant Method : X:\MSVOA\BUDDHA\QUANT\B8260S.M (RTE Integrator)
Title : VOA 8260- 5ML Soil Calibration 5973B
Last Update : Fri Sep 28 16:30:36 2007
Response via : Initial Calibration
DataAcq Meth : 8260

Compound	R.T.	QIon	Response	Conc Unit	Qvalue
23) 1,1-Dichloroethane	3.84	63	226455	81.18 ug/l	96
24) Chloroprene	0.00	53	0	N.D.	
25) Isopropyl ether	0.00	45	0	N.D.	
26) Vinyl acetate	0.00	43	0	N.D.	
27) Ethyl-t-butyl ether	0.00	59	0	N.D.	
28) 2,2-Dichloropropane	0.00	77	0	N.D.	
29) cis-1,2-Dichloroethene	4.74	96	684508	372.92 ug/l	90
30) 2-Butanone	0.00	43	0	N.D.	
31) Propionitrile	0.00	54	0	N.D.	
32) Bromochloromethane	0.00	128	0	N.D.	
33) Methacrylonitrile	0.00	41	0	N.D. d	
34) Chloroform	5.21	83	925	N.D.	
35) 1,1,1-Trichloroethane	5.34	97	85389	39.33 ug/l	95
36) Cyclohexane	0.00	56	0	N.D.	
38) Carbon Tetrachloride	0.00	117	0	N.D.	
39) 1,1-Dichloropropene	0.00	75	0	N.D.	
41) Benzene	5.80	78	332	N.D.	
42) 1,2-Dichloroethane	0.00	62	0	N.D.	
43) t-Amyl methyl ether	0.00	73	0	N.D.	
44) Isobutanol	6.01	43	38	N.D.	
45) Trichloroethene	6.58	130	11077	6.63 ug/l	97
46) Methylcyclohexane	6.59	83	39	N.D.	
47) 1,2-Dichloropropane	0.00	63	0	N.D.	
48) Dibromomethane	0.00	93	0	N.D.	
49) Methyl methacrylate	6.99	41	37	N.D.	
50) Bromodichloromethane	0.00	83	0	N.D.	
51) 2-Chloroethyl vinyl ether	0.00	63	0	N.D.	
52) cis-1,3-Dichloropropene	0.00	75	0	N.D.	
53) 4-Methyl-2-pentanone	7.88	43	1206	N.D.	
56) Toluene	7.95	92	455	N.D.	
57) trans-1,3-Dichloropropene	8.39	75	58	N.D.	
58) Ethyl methacrylate	0.00	69	0	N.D.	
59) 1,1,2-Trichloroethane	8.38	97	192	N.D.	
60) Tetrachloroethene	8.50	166	384	N.D.	
61) 1,3-Dichloropropane	0.00	76	0	N.D.	
62) 2-Hexanone	8.71	43	148	N.D.	
63) Dibromochloromethane	0.00	129	0	N.D.	
64) 1,2-Dibromoethane	0.00	107	0	N.D.	
65) 1-Chlorohexane	9.35	91	264	N.D.	
66) Chlorobenzene	9.39	112	117	N.D.	
67) 1,1,1,2-Tetrachloroethane	0.00	131	0	N.D.	

(#) = qualifier out of range (m) = manual integration

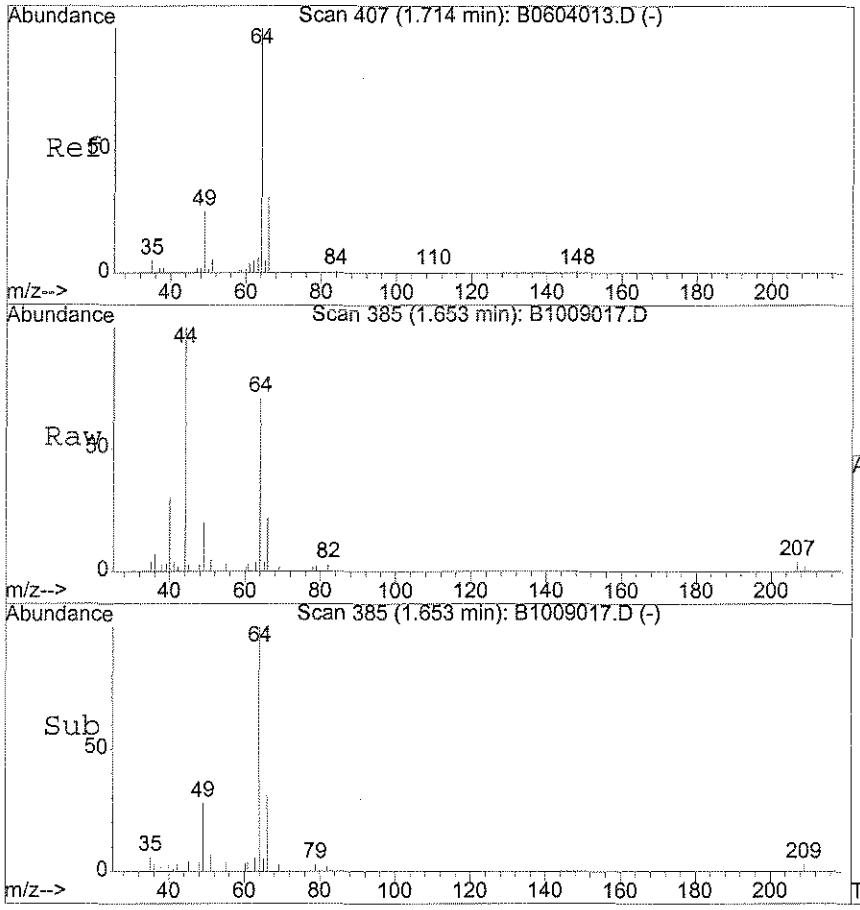
Quantitation Report

Data File : X:\MSVOA\BUDDHA\100907\B1009017.D Vial: 11
Acq On : 9 Oct 2007 11:52 Operator: LPM
Sample : TT02001-003 Inst : Buddha
Misc : #2 5.89GM+ 5ML PFW+IS/SS Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Oct 10 7:52 2007 Quant Results File: B8260S.RES

Quant Method : X:\MSVOA\BUDDHA\QUANT\B8260S.M (RTE Integrator)
Title : VOA 8260- 5ML Soil Calibration 5973B
Last Update : Fri Sep 28 16:30:36 2007
Response via : Initial Calibration
DataAcq Meth : 8260

	Compound	R.T.	QIon	Response	Conc Unit	Qvalue
68)	Ethylbenzene	9.60	91	708	N.D.	
69)	m,p-Xylene	9.60	106	230	N.D.	
70)	o-xylene	10.00	106	33	N.D.	
71)	Styrene	10.02	104	151	N.D.	
72)	Bromoform	0.00	173	0	N.D.	
73)	Isopropylbenzene	10.36	105	57	N.D.	
75)	trans-1,4-Dichloro-2-buten	0.00	53	0	N.D.	
77)	Bromobenzene	10.68	156	31	N.D.	
78)	1,1,2,2-Tetrachloroethane	0.00	83	0	N.D.	
79)	1,2,3-Trichloropropane	10.70	110	29	N.D.	
80)	n-Propylbenzene	10.77	120	29	N.D.	
81)	2-Chlorotoluene	10.85	91	221	N.D.	
82)	4-Chlorotoluene	10.97	91	150	N.D.	
83)	1,3,5-Trimethylbenzene	10.95	105	158	N.D.	
84)	tert-Butylbenzene	0.00	119	0	N.D.	
85)	1,2,4-Trimethylbenzene	11.31	105	387	N.D.	
86)	sec-butylbenzene	11.47	105	133	N.D.	
87)	1,3-Dichlorobenzene	11.60	146	358	N.D.	
88)	4-Isopropyltoluene	11.63	119	220	N.D.	
89)	1,4-Dichlorobenzene	11.70	146	740	N.D.	
90)	1,2-Dichlorobenzene	12.06	146	240	N.D.	
91)	n-Butylbenzene	12.03	91	619	N.D.	
92)	1,2-Dibromo-3-chloropropan	0.00	75	0	N.D.	
93)	1,2,4-Trichlorobenzene	13.66	180	450	N.D.	
94)	Hexachlorobutadiene	13.79	225	34	N.D.	
95)	Naphthalene	13.89	128	1717	N.D.	
96)	1,2,3-Trichlorobenzene	14.14	180	387	N.D.	

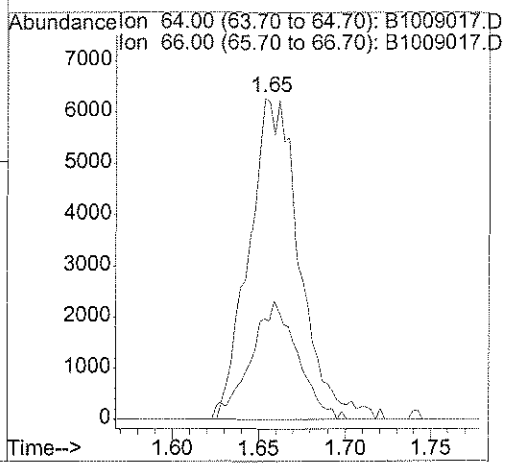
(#) = qualifier out of range (m) = manual integration

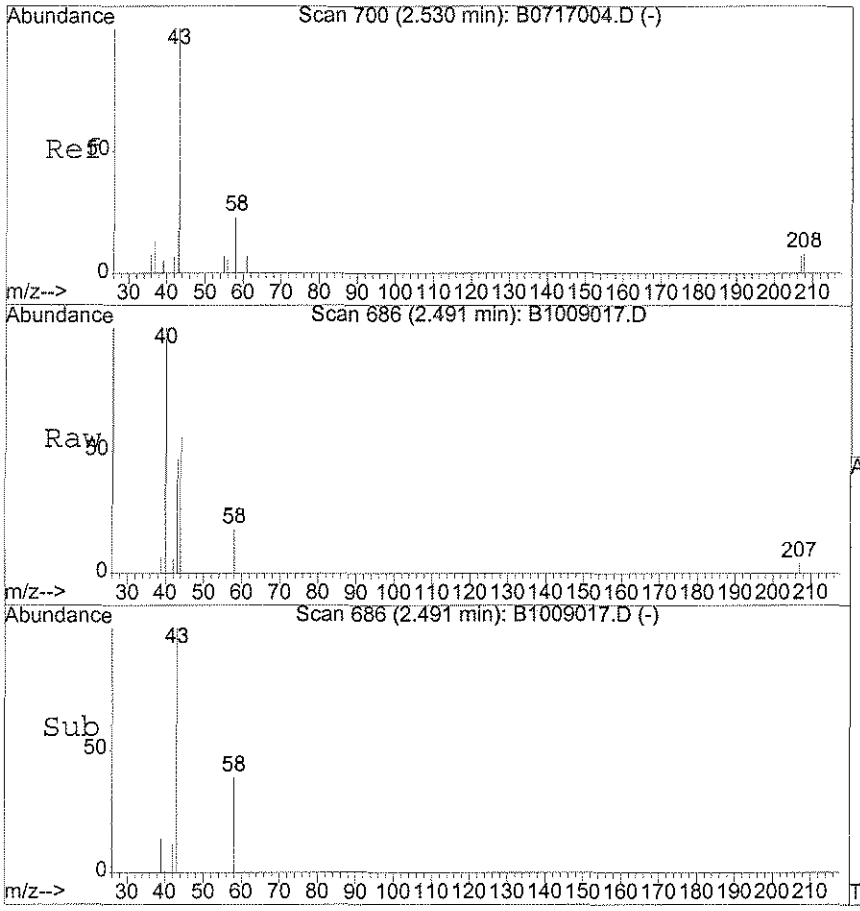


#6
Chloroethane
Concen: 13.28 ug/l
RT: 1.65 min Scan# 385
Delta R.T. 0.00 min
Lab File: B1009017.D
Acq: 9 Oct 2007 11:52

Tgt Ion: 64 Resp: 12862

Ion	Ratio	Lower	Upper
64	100		
66	33.7	11.6	51.6

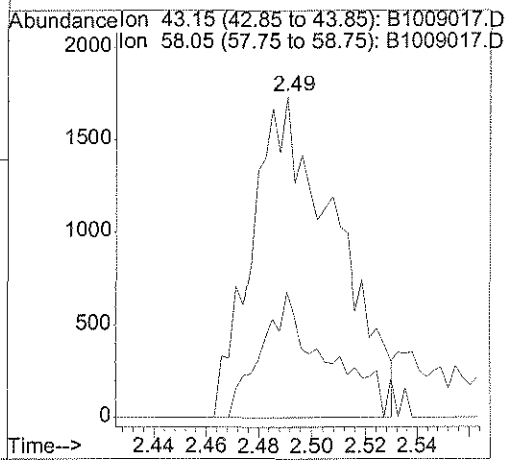


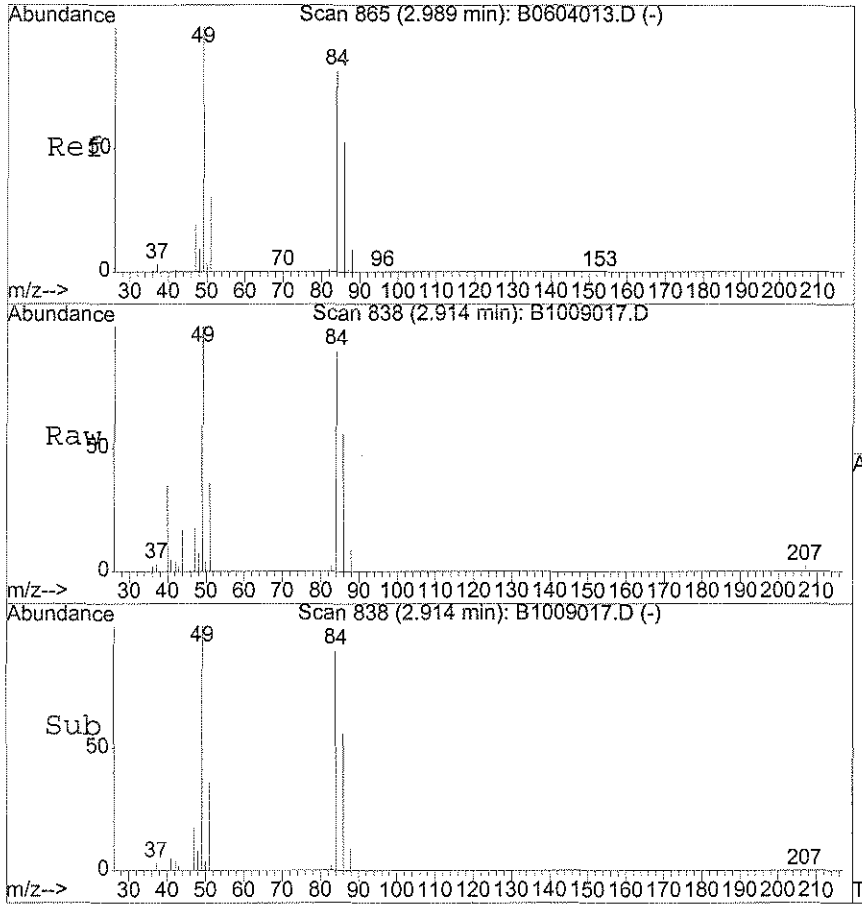


#11
Acetone
Concen: 6.74 ug/l
RT: 2.49 min Scan# 686
Delta R.T. 0.01 min
Lab File: B1009017.D
Acq: 9 Oct 2007 11:52

Tgt Ion: 43 Resp: 3777

Ion	Ratio	Lower	Upper
43	100		
58	29.9	22.0	33.0

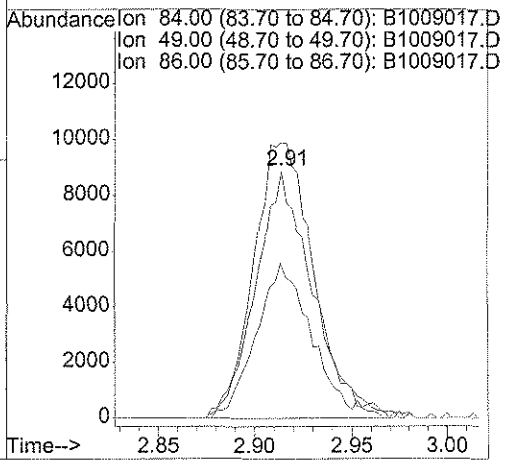


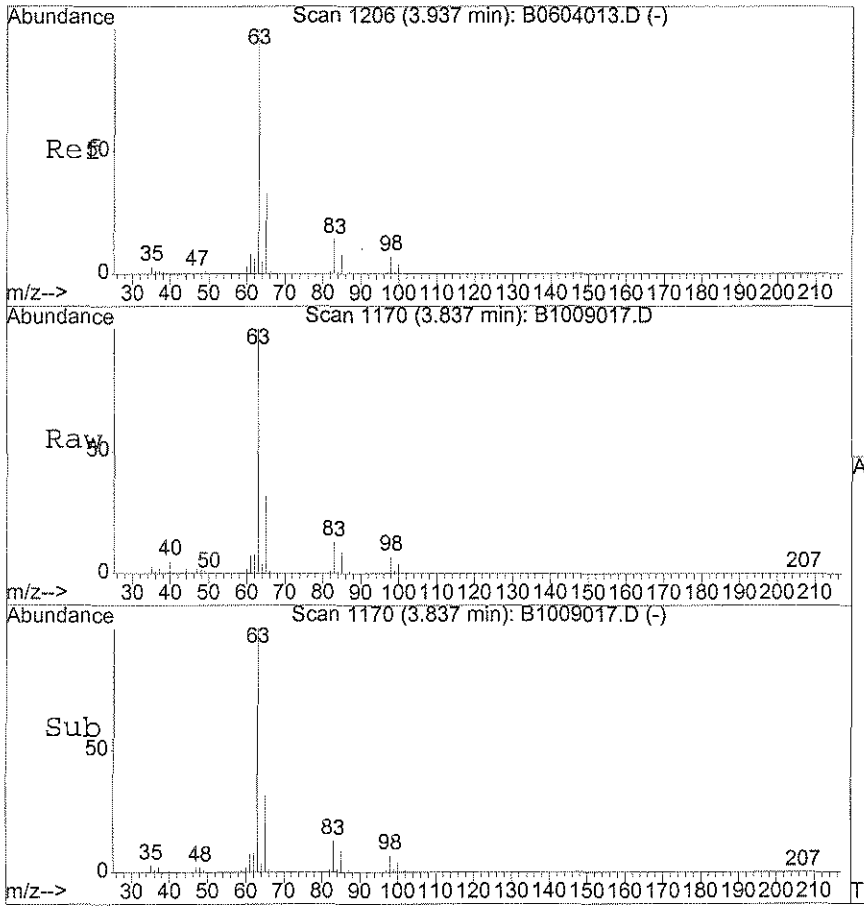


#18
Methylene Chloride
Concen: Below Cal
RT: 2.91 min Scan# 838
Delta R.T. 0.00 min
Lab File: B1009017.D
Acq: 9 Oct 2007 11:52

Tgt Ion: 84 Resp: 17936

Ion	Ratio	Lower	Upper
84	100		
49	121.3	113.6	153.6
86	61.2	45.8	85.8

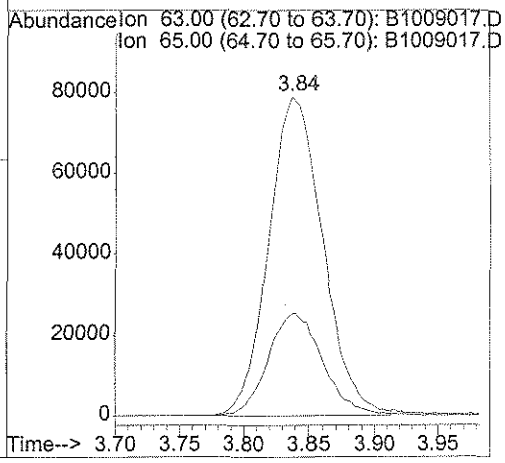


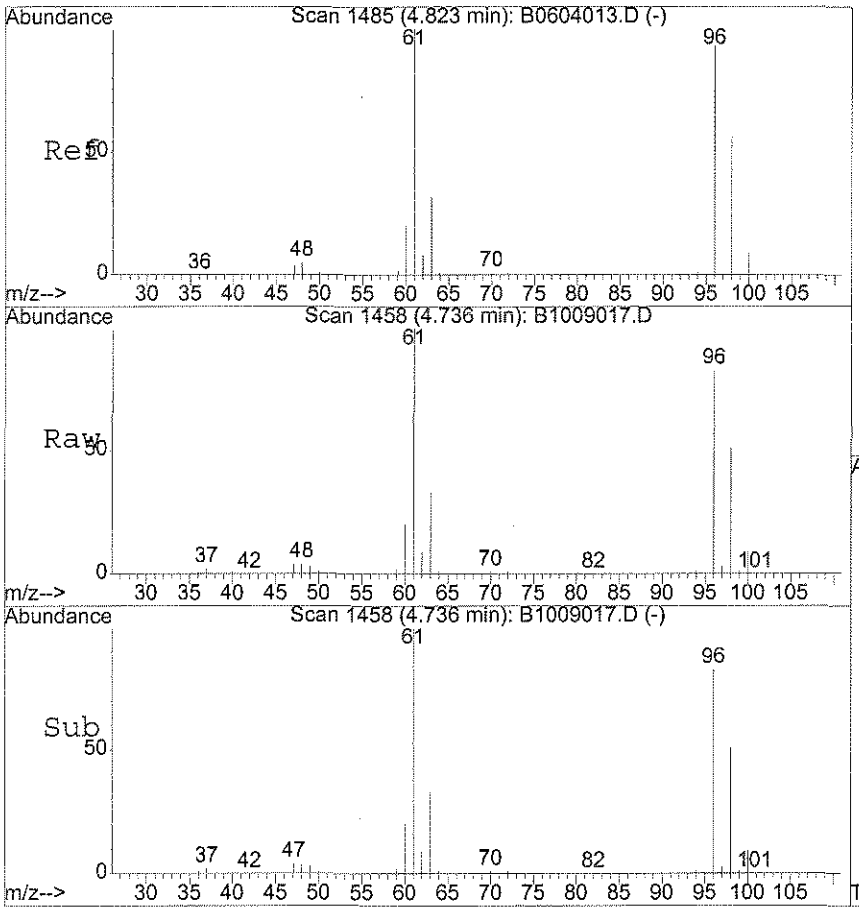


#23
1,1-Dichloroethane
Concen: 81.18 ug/l
RT: 3.84 min Scan# 1170
Delta R.T. 0.00 min
Lab File: B1009017.D
Acq: 9 Oct 2007 11:52

Tgt Ion: 63 Resp: 226455

Ion	Ratio	Lower	Upper
63	100		
65	32.5	10.2	50.2

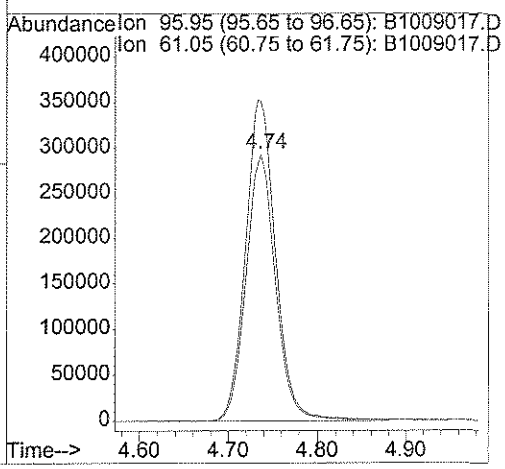


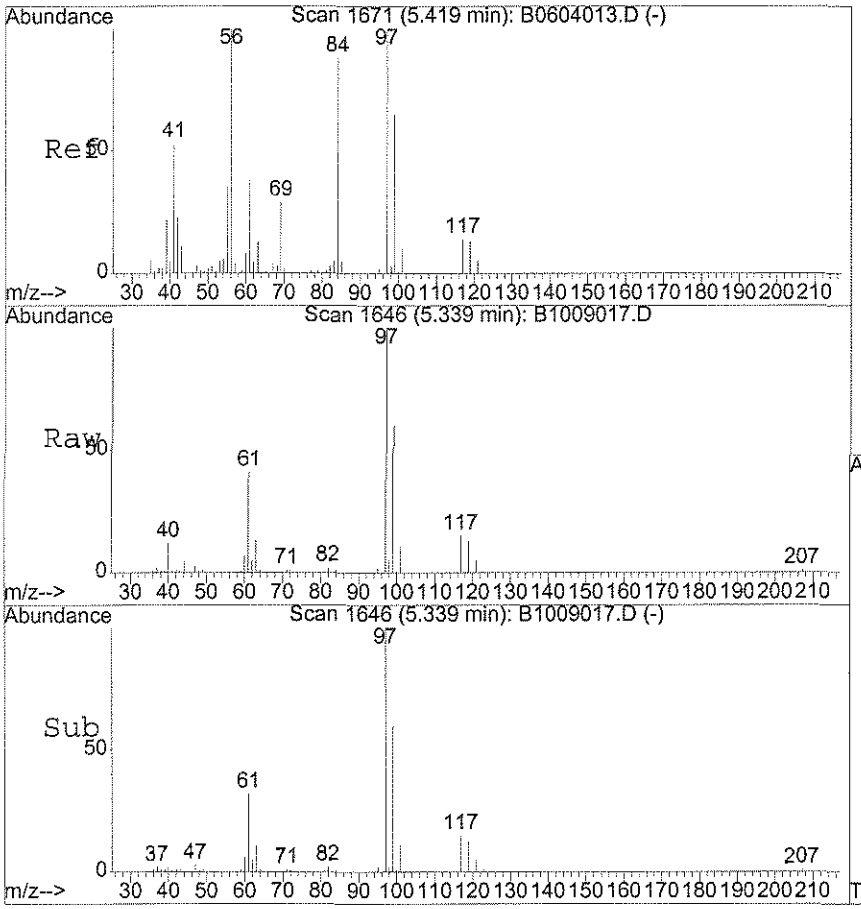


#29
cis-1,2-Dichloroethene
Concen: 372.92 ug/l
RT: 4.74 min Scan# 1458
Delta R.T. -0.00 min
Lab File: B1009017.D
Acq: 9 Oct 2007 11:52

Tgt Ion: 96 Resp: 684508

Ion	Ratio	Lower	Upper
96	100		
61	122.3	107.4	161.0

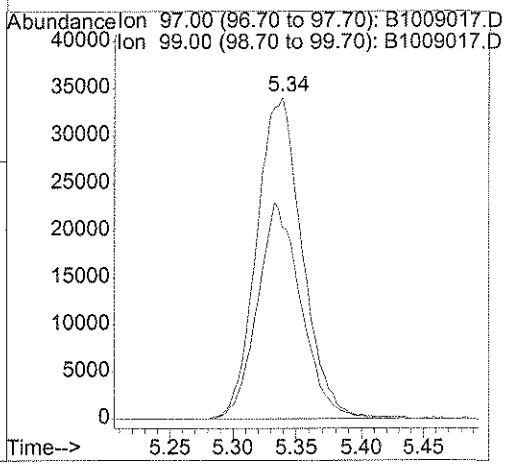


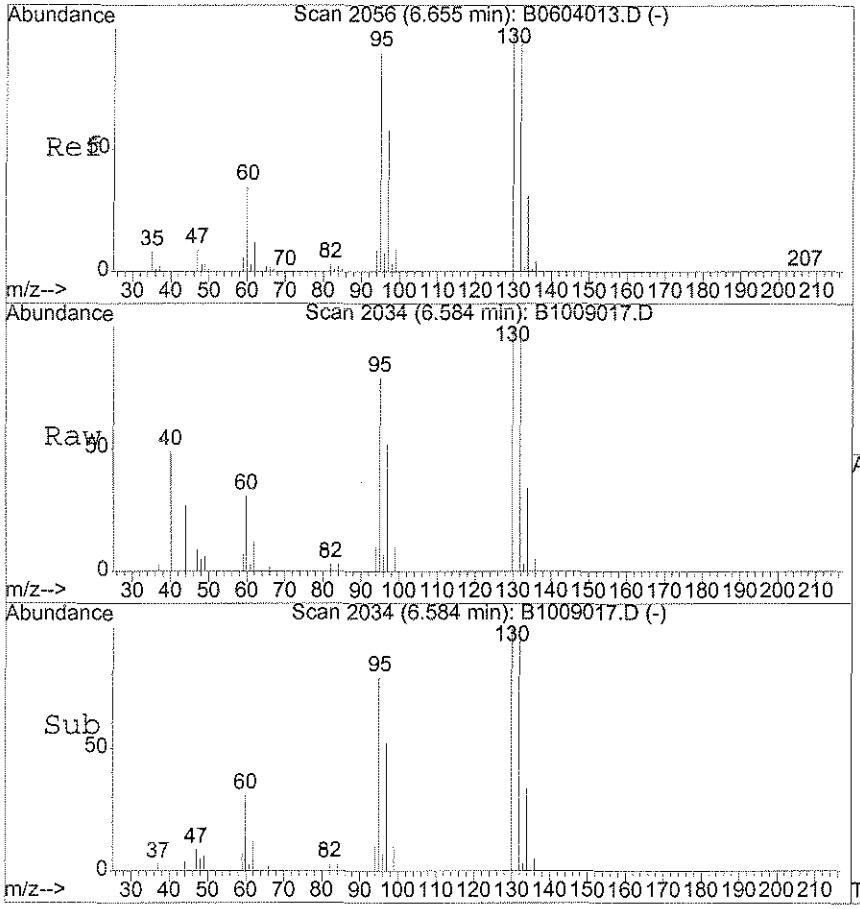


#35
1,1,1-Trichloroethane
Concen: 39.33 ug/l
RT: 5.34 min Scan# 1646
Delta R.T. 0.01 min
Lab File: B1009017.D
Acq: 9 Oct 2007 11:52

Tgt Ion: 97 Resp: 85389

Ion	Ratio	Lower	Upper
97	100		
99	64.0	40.3	80.3

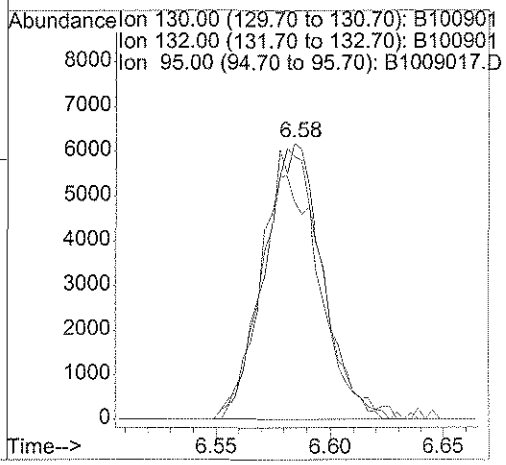




#45
Trichloroethene
Concen: 6.63 ug/l
RT: 6.58 min Scan# 2034
Delta R.T. -0.00 min
Lab File: B1009017.D
Acq: 9 Oct 2007 11:52

Tgt Ion:130 Resp: 11077

Ion	Ratio	Lower	Upper
130	100		
132	100.0	80.2	120.2
95	89.5	75.8	115.8



VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

08SSW003DL

Lab Name: _____ Contract: _____

SDG No.: TT02001 Run Sequence: R022374

Matrix: (SOIL/SED/WATER) Soil Lab Sample ID: TT02001-003DL

Sample wt/vol: 1.47 (g/mL) gm Lab File ID: B1010016.D

Level: (LOW/MED) _____ Date Collected: 10/03/2007

% Moisture: not dec. 18.0 Date/Time Analyzed: 10/10/2007 12:20

GC Column: ZB-624 20m ID: 0.18 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____(uL) Soil Aliquot Volume: _____(uL)

Heated Purge: (Y/N) Y

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/kg	Q
1330-20-7	XYLENES, TOTAL	4.1	U
75-71-8	DICHLORODIFLUOROMETHANE	4.1	U
74-87-3	CHLOROMETHANE	4.1	U
75-01-4	VINYL CHLORIDE	4.1	U
74-83-9	BROMOMETHANE	4.1	U
75-00-3	CHLOROETHANE	4.1	U
75-69-4	TRICHLOROFLUOROMETHANE	4.1	U
75-35-4	1,1-DICHLOROETHENE	4.1	U
76-13-1	1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	4.1	U
67-64-1	ACETONE	17	JB
75-15-0	CARBON DISULFIDE	4.1	U
79-20-9	METHYL ACETATE	4.1	U
75-09-2	METHYLENE CHLORIDE	12	JB
1634-04-4	METHYL TERT-BUTYL ETHER	4.1	U
156-60-5	TRANS-1,2-DICHLOROETHENE	4.1	U
75-34-3	1,1-DICHLOROETHANE	26	
156-59-2	CIS-1,2-DICHLOROETHENE	120	
78-93-3	2-BUTANONE	4.1	U
67-66-3	CHLOROFORM	4.1	U
71-55-6	1,1,1-TRICHLOROETHANE	14	
110-82-7	CYCLOHEXANE	4.1	U
56-23-5	CARBON TETRACHLORIDE	4.1	U
71-43-2	BENZENE	4.1	U
107-06-2	1,2-DICHLOROETHANE	4.1	U
79-01-6	TRICHLOROETHENE	4.1	U
108-87-2	METHYLCYCLOHEXANE	4.1	U
78-87-5	1,2-DICHLOROPROPANE	4.1	U
75-27-4	BROMODICHLOROMETHANE	4.1	U
10061-01-	CIS-1,3-DICHLOROPROPENE	4.1	U

VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

08SSW003DL

Lab Name: _____ Contract: _____

SDG No.: TT02001 Run Sequence: R022374

Matrix: (SOIL/SED/WATER) Soil Lab Sample ID: TT02001-003DL

Sample wt/vol: 1.47 (g/mL) gm Lab File ID: B1010016.D

Level: (LOW/MED) _____ Date Collected: 10/03/2007

% Moisture: not dec. 18.0 Date/Time Analyzed: 10/10/2007 12:20

GC Column: ZB-624 20m ID: 0.18 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____(uL) Soil Aliquot Volume: _____(uL)

Heated Purge: (Y/N) Y

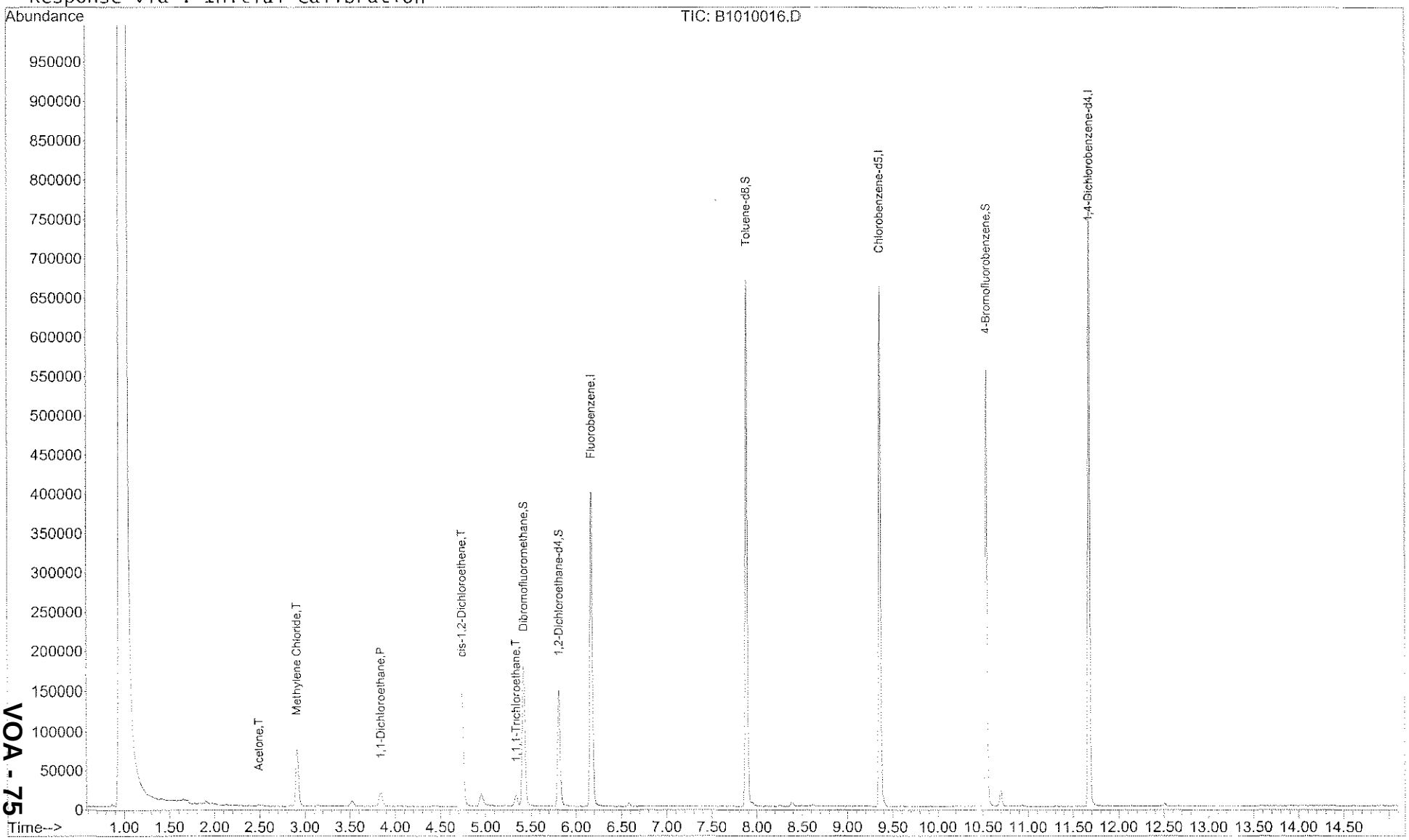
CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/kg	Q
108-10-1	4-METHYL-2-PENTANONE	4.1	U
108-88-3	TOLUENE	4.1	U
10061-02-	TRANS-1,3-DICHLOROPROPENE	4.1	U
79-00-5	1,1,2-TRICHLOROETHANE	4.1	U
127-18-4	TETRACHLOROETHENE	4.1	U
591-78-6	2-HEXANONE	4.1	U
124-48-1	DIBROMOCHLOROMETHANE	4.1	U
106-93-4	1,2-DIBROMOETHANE	4.1	U
108-90-7	CHLOROBENZENE	4.1	U
100-41-4	ETHYLBENZENE	4.1	U
179601-23	M,P-XYLENE	4.1	U
95-47-6	O-XYLENE	4.1	U
100-42-5	STYRENE	4.1	U
75-25-2	BROMOFORM	4.1	U
98-82-8	ISOPROPYLBENZENE	4.1	U
79-34-5	1,1,2,2-TETRACHLOROETHANE	4.1	U
541-73-1	1,3-DICHLOROBENZENE	4.1	U
106-46-7	1,4-DICHLOROBENZENE	4.1	U
95-50-1	1,2-DICHLOROBENZENE	4.1	U
96-12-8	1,2-DIBROMO-3-CHLOROPROPANE	4.1	U
120-82-1	1,2,4-TRICHLOROBENZENE	4.1	U

Comments:

Quantitation Report

Data File : X:\MSVOA\BUDDHA\101007\B1010016.D Vial: 12
Acq On : 10 Oct 2007 12:20 Operator: LPM
Sample : TT02001-003DL Inst : Buddha
Misc : #1 1.47G+ 5ML+IS/SS Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Oct 11 5:38 2007 Quant Results File: B8260S.RES

Method : X:\MSVOA\BUDDHA\QUANT\B8260S.M (RTE Integrator)
Title : VOA 8260- 5ML Soil Calibration 5973B
Last Update : Fri Sep 28 16:30:36 2007
Response via : Initial Calibration



Quantitation Report

Data File : X:\MSVOA\BUDDHA\101007\B1010016.D Vial: 12
Acq On : 10 Oct 2007 12:20 Operator: LPM
Sample : TT02001-003DL Inst : Buddha
Misc : #1 1.47G+ 5ML+IS/SS Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Oct 11 5:38 2007 Quant Results File: B8260S.RES

Quant Method : X:\MSVOA\BUDDHA\QUANT\B8260S.M (RTE Integrator)
Title : VOA 8260- 5ML Soil Calibration 5973B
Last Update : Fri Sep 28 16:30:36 2007
Response via : Initial Calibration
DataAcq Meth : 8260
IS QA File : X:\MSVOA\BUDDHA\092807\B0928013.D (28 Sep 2007 12:55)

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min) Rcv(Ar)
1) Fluorobenzene	6.17	96	379433	50.00 ug/l	0.00 60.70%
54) Chlorobenzene-d5	9.36	117	362305	50.00 ug/l	0.00 71.85%
74) 1,4-Dichlorobenzene-d4	11.67	152	210651	50.00 ug/l	0.00 63.58%

System Monitoring Compounds					
37) Dibromofluoromethane	5.42	111	123853	57.85 ug/l	0.00
Spiked Amount 50.000	Range 65 - 135		Recovery = 115.70%		
40) 1,2-Dichloroethane-d4	5.81	65	105721	55.30 ug/l	0.00
Spiked Amount 50.000	Range 52 - 149		Recovery = 110.60%		
55) Toluene-d8	7.88	98	414232	50.39 ug/l	0.00
Spiked Amount 50.000	Range 85 - 115		Recovery = 100.78%		
76) 4-Bromofluorobenzene	10.54	95	164547	49.69 ug/l	0.00
Spiked Amount 50.000	Range 85 - 120		Recovery = 99.38%		

Target Compounds					Qvalue
2) Dichlorodifluoromethane	0.00	85	0	N.D.	
3) Chloromethane	0.00	50	0	N.D.	
4) Vinyl Chloride	1.31	62	25	N.D.	
5) Bromomethane	1.56	96	26	N.D.	
6) Chloroethane	1.65	64	596	N.D.	
7) Trichlorofluoromethane	0.00	101	0	N.D.	
8) Acrolein	2.30	56	28	Below Cal #	82
9) 1,1-Dichloroethene	2.32	96	31	N.D.	
10) 1,1,2-Trichloro-1,2,2-trif	0.00	101	0	N.D.	
11) Acetone	2.49	43	3500	4.07 ug/l	99
12) Iodomethane	0.00	142	0	N.D.	
13) Bromoethane	0.00	108	0	N.D.	
14) Carbon Disulfide	2.54	76	1055	N.D.	
15) Allyl chloride	0.00	76	0	N.D.	
16) Acetonitrile	2.83	41	285	N.D.	
17) Methyl Acetate	2.82	43	140	N.D.	
18) Methylene Chloride	2.92	84	40077	2.86 ug/l	94
19) trans-1,2-Dichloroethene	3.22	96	171	N.D.	
20) t-Butyl alcohol	3.22	59	222	N.D.	
21) Methyl tert-butyl ether	3.24	73	104	N.D.	
22) Acrylonitrile	0.00	53	0	N.D.	
23) 1,1-Dichloroethane	3.84	63	26489	6.18 ug/l	98
24) Chloroprene	0.00	53	0	N.D.	
25) Isopropyl ether	0.00	45	0	N.D.	
26) Vinyl acetate	0.00	43	0	N.D.	
27) Ethyl-t-butyl ether	0.00	59	0	N.D.	
28) 2,2-Dichloropropane	0.00	77	0	N.D.	
29) cis-1,2-Dichloroethene	4.73	96	84698	30.03 ug/l	89
30) 2-Butanone	4.90	43	34	N.D.	
31) Propionitrile	0.00	54	0	N.D.	
32) Bromochloromethane	0.00	128	0	N.D.	
33) Methacrylonitrile	5.22	41	29	N.D.	
34) Chloroform	5.22	83	694	N.D.	
35) 1,1,1-Trichloroethane	5.34	97	10906	3.27 ug/l	98
36) Cyclohexane	0.00	56	0	N.D.	

(#) = qualifier out of range (m) = manual integration
B1010016.D B8260S.M Thu Oct 11 05:32:07 2007

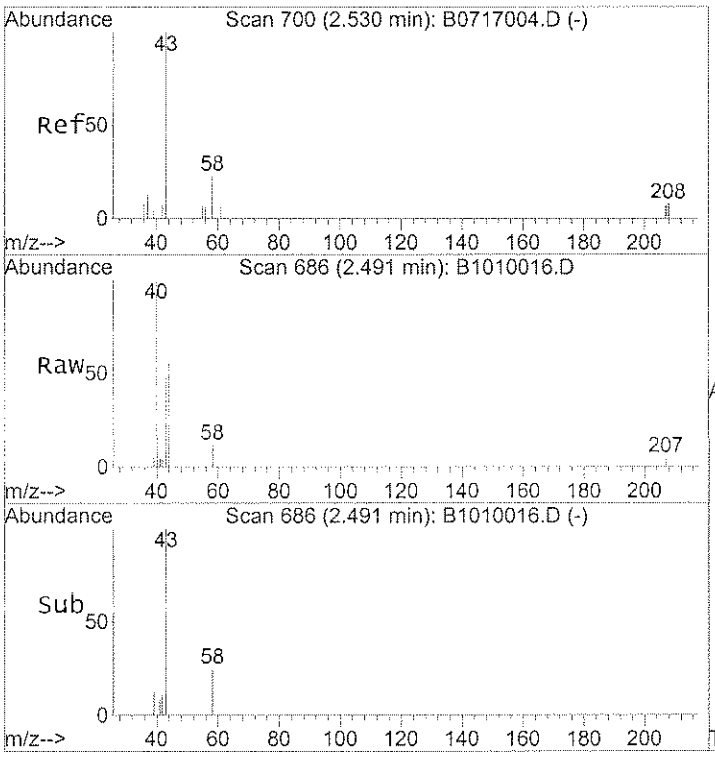
Quantitation Report

Data File : X:\MSVOA\BUDDHA\101007\B1010016.D Vial: 12
Acq On : 10 Oct 2007 12:20 Operator: LPM
Sample : TT02001-003DL Inst : Buddha
Misc : #1 1.47G+ 5ML+IS/SS Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Oct 11 5:38 2007 Quant Results File: B8260S.RES

Quant Method : X:\MSVOA\BUDDHA\QUANT\B8260S.M (RTE Integrator)
Title : VOA 8260- 5ML Soil Calibration 5973B
Last Update : Fri Sep 28 16:30:36 2007
Response via : Initial Calibration
DataAcq Meth : 8260

Compound	R.T.	QIon	Response	Conc Unit	Qvalue
38) Carbon Tetrachloride	0.00	117	0	N.D.	
39) 1,1-Dichloropropene	5.55	75	44	N.D.	
41) Benzene	5.81	78	842	N.D.	
42) 1,2-Dichloroethane	0.00	62	0	N.D.	
43) t-Amyl methyl ether	0.00	73	0	N.D.	
44) Isobutanol	6.01	43	29	N.D.	
45) Trichloroethene	6.58	130	1134	N.D.	
46) Methylcyclohexane	0.00	83	0	N.D.	
47) 1,2-Dichloropropane	0.00	63	0	N.D.	
48) Dibromomethane	0.00	93	0	N.D.	
49) Methyl methacrylate	0.00	41	0	N.D.	
50) Bromodichloromethane	0.00	83	0	N.D.	
51) 2-Chloroethyl vinyl ether	0.00	63	0	N.D.	
52) cis-1,3-Dichloropropene	0.00	75	0	N.D.	
53) 4-Methyl-2-pentanone	7.88	43	1695	N.D.	
56) Toluene	7.95	92	1008	N.D.	
57) trans-1,3-Dichloropropene	0.00	75	0	N.D.	
58) Ethyl methacrylate	0.00	69	0	N.D.	
59) 1,1,2-Trichloroethane	0.00	97	0	N.D.	
60) Tetrachloroethene	8.49	166	372	N.D.	
61) 1,3-Dichloropropane	0.00	76	0	N.D.	
62) 2-Hexanone	8.62	43	1687	N.D.	
63) Dibromochloromethane	0.00	129	0	N.D.	
64) 1,2-Dibromoethane	0.00	107	0	N.D.	
65) 1-Chlorohexane	9.36	91	634	N.D.	
66) Chlorobenzene	9.38	112	66	N.D.	
67) 1,1,1,2-Tetrachloroethane	0.00	131	0	N.D.	
68) Ethylbenzene	9.49	91	271	N.D.	
69) m,p-Xylene	9.60	106	450	N.D.	
70) o-xylene	10.00	106	109	N.D.	
71) Styrene	10.03	104	85	N.D.	
72) Bromoform	0.00	173	0	N.D.	
73) Isopropylbenzene	10.36	105	36	N.D.	
75) trans-1,4-Dichloro-2-buten	0.00	53	0	N.D.	
77) Bromobenzene	0.00	156	0	N.D.	
78) 1,1,2,2-Tetrachloroethane	0.00	83	0	N.D.	
79) 1,2,3-Trichloropropane	0.00	110	0	N.D.	
80) n-Propylbenzene	10.94	120	32	N.D.	
81) 2-Chlorotoluene	10.86	91	65	N.D.	
82) 4-Chlorotoluene	10.97	91	155	N.D.	
83) 1,3,5-Trimethylbenzene	10.94	105	113	N.D.	
84) tert-Butylbenzene	0.00	119	0	N.D.	
85) 1,2,4-Trimethylbenzene	11.32	105	507	N.D.	
86) sec-butylbenzene	11.47	105	48	N.D.	
87) 1,3-Dichlorobenzene	11.61	146	184	N.D.	
88) 4-Isopropyltoluene	11.63	119	173	N.D.	
89) 1,4-Dichlorobenzene	11.69	146	680	N.D.	
90) 1,2-Dichlorobenzene	12.07	146	38	N.D.	
91) n-Butylbenzene	12.03	91	69	N.D.	
92) 1,2-Dibromo-3-chloropropan	0.00	75	0	N.D.	
93) 1,2,4-Trichlorobenzene	13.65	180	207	N.D.	
94) Hexachlorobutadiene	0.00	225	0	N.D.	
95) Naphthalene	13.89	128	1019	N.D.	
96) 1,2,3-Trichlorobenzene	14.15	180	38	N.D.	

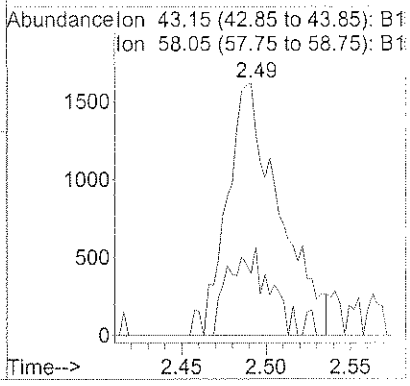
(#) = qualifier out of range (m) = manual integration
B1010016.D B8260S.M Thu Oct 11 05:32:07 2007

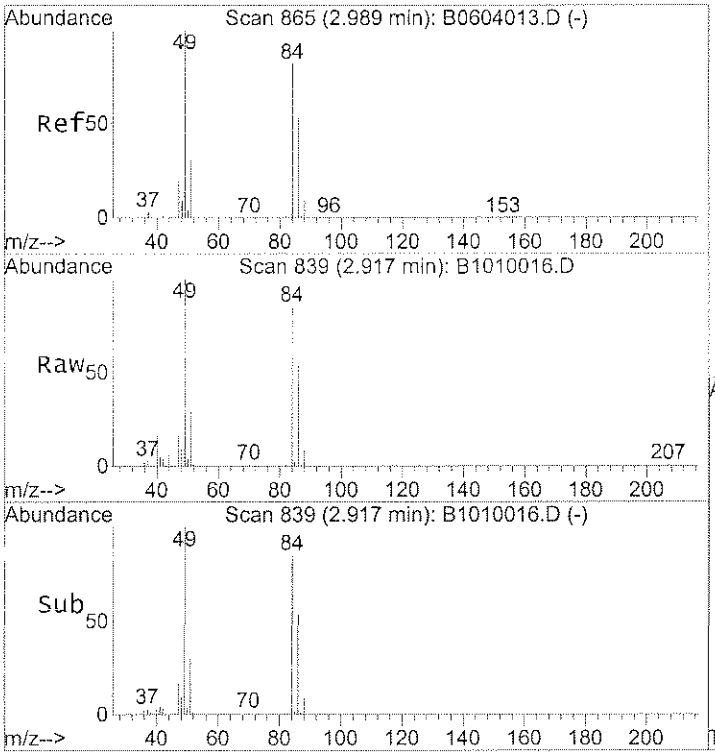


#11
Acetone
Concen: 4.07 ug/l
RT: 2.49 min Scan# 686
Delta R.T. 0.01 min
Lab File: B1010016.D
Acq: 10 Oct 2007 12:20

Tgt Ion: 43 Resp: 3500

Ion	Ratio	Lower	Upper
43	100		
58	26.9	22.0	33.0

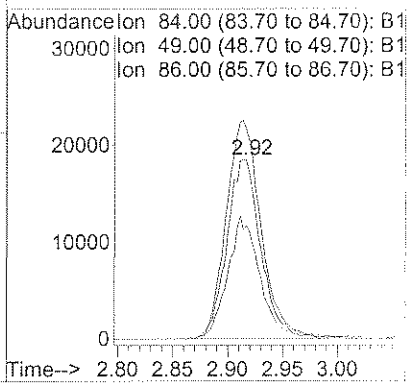


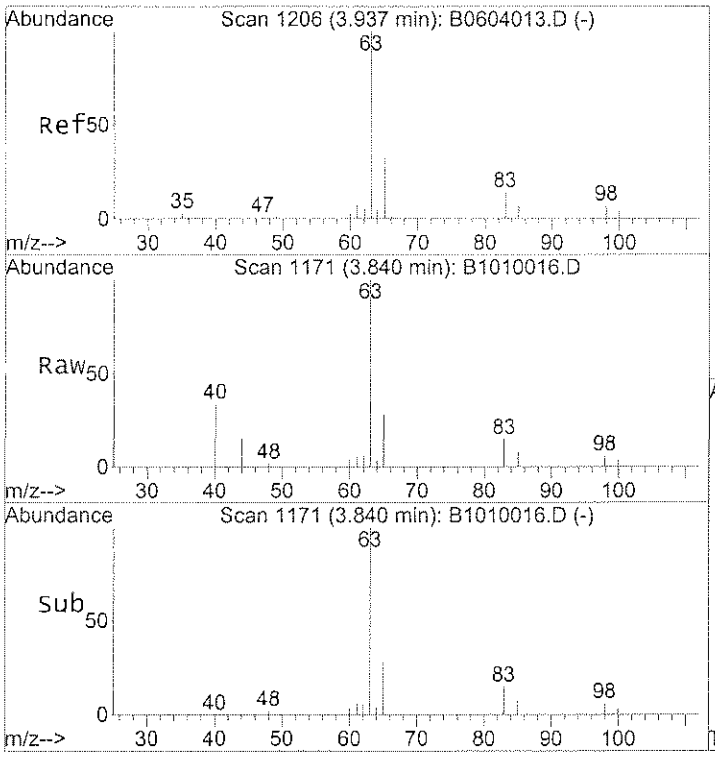


#18
Methylene Chloride
Concen: 2.86 ug/l
RT: 2.92 min Scan# 839
Delta R.T. 0.01 min
Lab File: B1010016.D
Acq: 10 Oct 2007 12:20

Tgt Ion: 84 Resp: 40077

Ion	Ratio	Lower	Upper
84	100		
49	124.8	113.6	153.6
86	64.0	45.8	85.8

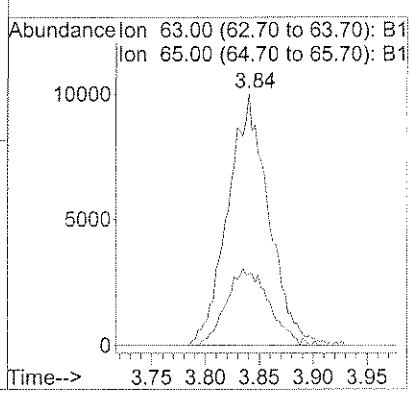


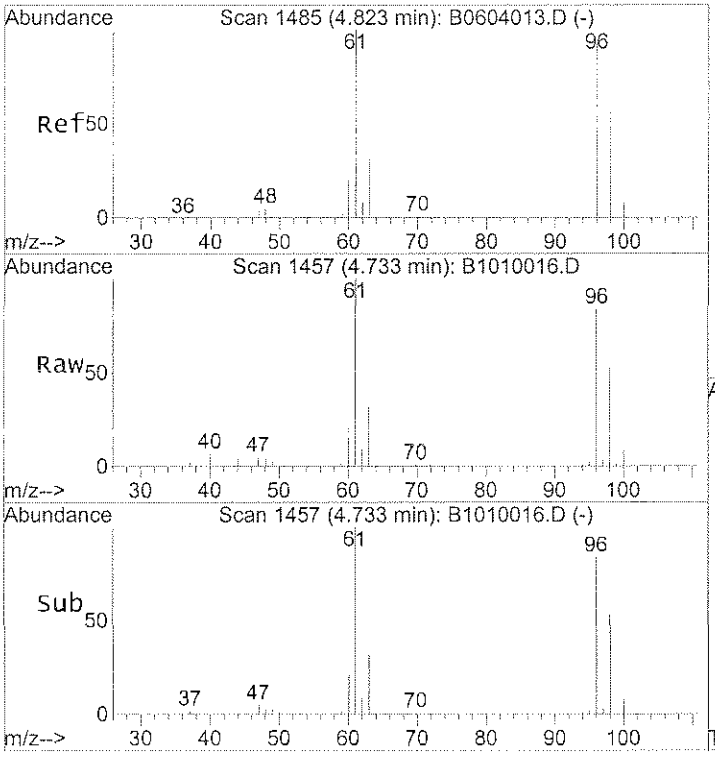


#23
1,1-Dichloroethane
Concen: 6.18 ug/l
RT: 3.84 min Scan# 1171
Delta R.T. 0.01 min
Lab File: B1010016.D
Acq: 10 Oct 2007 12:20

Tgt Ion: 63 Resp: 26489

Ion	Ratio	Lower	Upper
63	100		
65	31.5	10.2	50.2

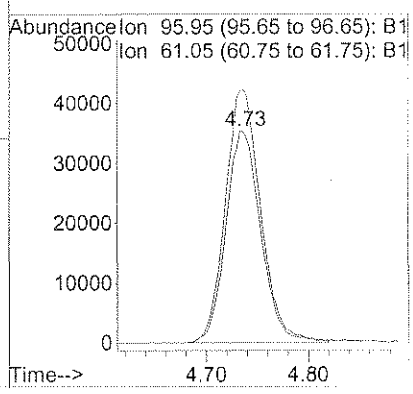


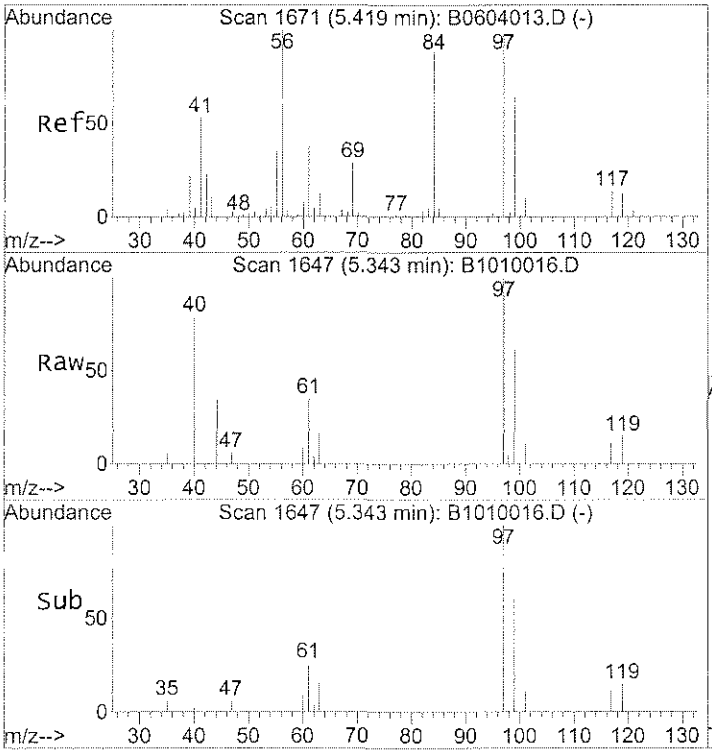


#29
cis-1,2-Dichloroethene
Concen: 30.03 ug/l
RT: 4.73 min Scan# 1457
Delta R.T. -0.00 min
Lab File: B1010016.D
Acq: 10 Oct 2007 12:20

Tgt Ion: 96 Resp: 84698

Ion	Ratio	Lower	Upper
96	100		
61	120.8	107.4	161.0

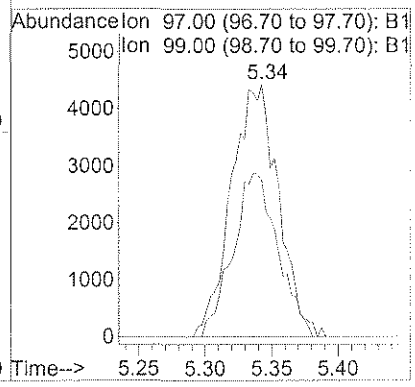




#35
1,1,1-Trichloroethane
Concen: 3.27 ug/l
RT: 5.34 min Scan# 1647
Delta R.T. 0.01 min
Lab File: B1010016.D
Acq: 10 Oct 2007 12:20

Tgt Ion: 97 Resp: 10906

Ion	Ratio	Lower	Upper
97	100		
99	61.9	40.3	80.3



1

VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

08SSW003DL2

Lab Name: _____ Contract: _____

SDG No.: TT02001 Run Sequence: R022490

Matrix: (SOIL/SED/WATER) Soil Lab Sample ID: TT02001-003DL2

Sample wt/vol: 2.21 (g/mL) gm Lab File ID: B1015027.D

Level: (LOW/MED) _____ Date Collected: 10/03/2007

% Moisture: not dec. 18.0 Date/Time Analyzed: 10/15/2007 17:37

GC Column: ZB-624 20m ID: 0.18 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____(uL) Soil Aliquot Volume: _____(uL)

Heated Purge: (Y/N) Y

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/kg	Q
1330-20-7	XYLENES, TOTAL	2.8	U
75-71-8	DICHLORODIFLUOROMETHANE	2.8	U
74-87-3	CHLOROMETHANE	2.8	U
75-01-4	VINYL CHLORIDE	2.8	U
74-83-9	BROMOMETHANE	2.8	U
75-00-3	CHLOROETHANE	2.8	U
75-69-4	TRICHLOROFLUOROMETHANE	2.8	U
75-35-4	1,1-DICHLOROETHENE	2.8	U
76-13-1	1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	2.8	U
67-64-1	ACETONE	21	JB
75-15-0	CARBON DISULFIDE	2.8	U
79-20-9	METHYL ACETATE	2.8	U
75-09-2	METHYLENE CHLORIDE	54	
1634-04-4	METHYL TERT-BUTYL ETHER	2.8	U
156-60-5	TRANS-1,2-DICHLOROETHENE	2.8	U
75-34-3	1,1-DICHLOROETHANE	8.4	
156-59-2	CIS-1,2-DICHLOROETHENE	57	
78-93-3	2-BUTANONE	2.8	U
67-66-3	CHLOROFORM	2.8	U
71-55-6	1,1,1-TRICHLOROETHANE	7.4	J
110-82-7	CYCLOHEXANE	2.8	U
56-23-5	CARBON TETRACHLORIDE	2.8	U
71-43-2	BENZENE	2.8	U
107-06-2	1,2-DICHLOROETHANE	2.8	U
79-01-6	TRICHLOROETHENE	3.1	J
108-87-2	METHYLCYCLOHEXANE	2.8	U
78-87-5	1,2-DICHLOROPROPANE	2.8	U
75-27-4	BROMODICHLOROMETHANE	2.8	U
10061-01-	CIS-1,3-DICHLOROPROPENE	2.8	U

1

VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

08SSW003DL2

Lab Name: _____ Contract: _____

SDG No.: TT02001 Run Sequence: R022490

Matrix: (SOIL/SED/WATER) Soil Lab Sample ID: TT02001-003DL2

Sample wt/vol: 2.21 (g/mL) gm Lab File ID: B1015027.D

Level: (LOW/MED) _____ Date Collected: 10/03/2007

% Moisture: not dec. 18.0 Date/Time Analyzed: 10/15/2007 17:37

GC Column: ZB-624 20m ID: 0.18 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____(uL) Soil Aliquot Volume: _____(uL)

Heated Purge: (Y/N) Y

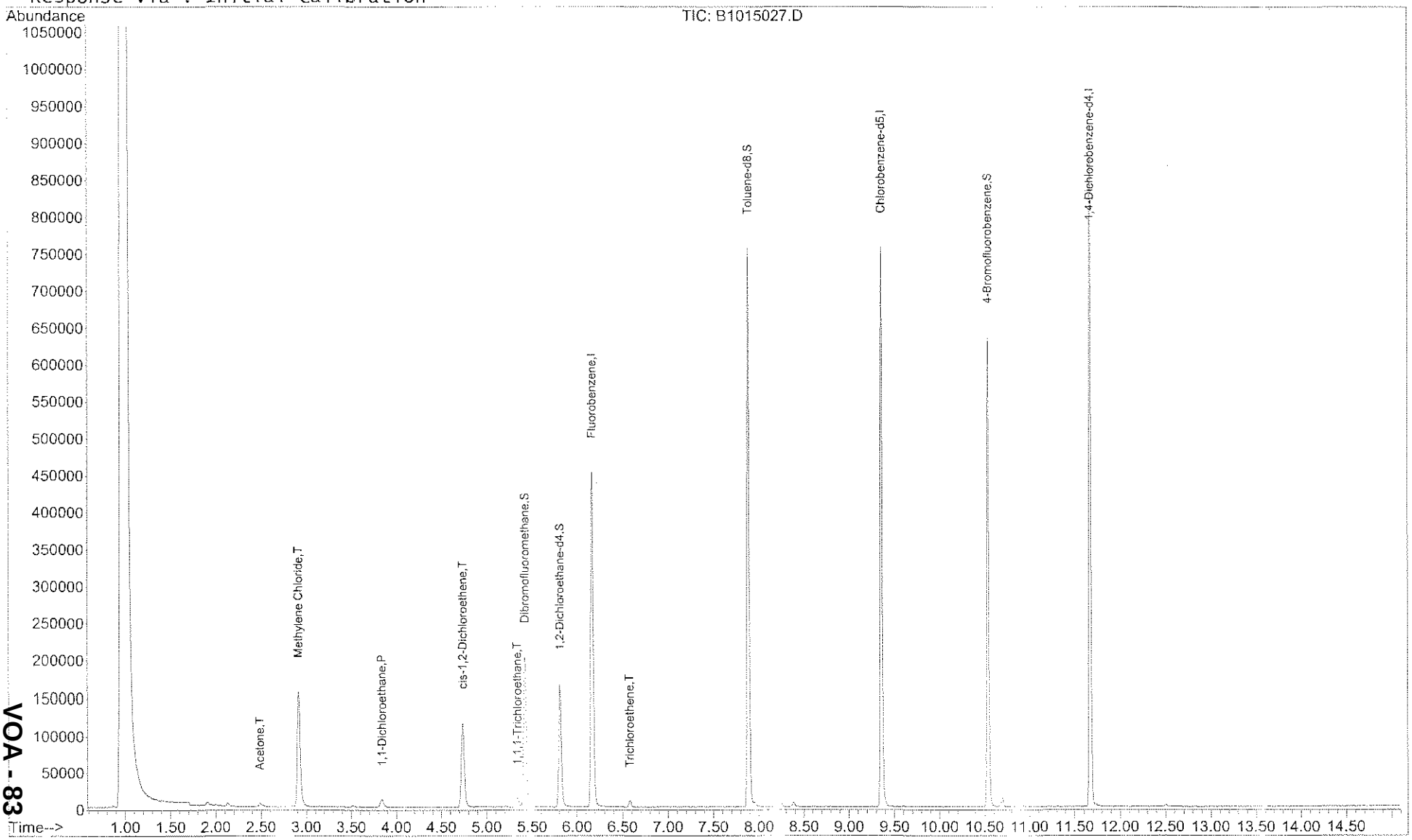
CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/kg	Q
108-10-1	4-METHYL-2-PENTANONE	2.8	U
108-88-3	TOLUENE	2.8	U
10061-02-	TRANS-1,3-DICHLOROPROPENE	2.8	U
79-00-5	1,1,2-TRICHLOROETHANE	2.8	U
127-18-4	TETRACHLOROETHENE	2.8	U
591-78-6	2-HEXANONE	2.8	U
124-48-1	DIBROMOCHLOROMETHANE	2.8	U
106-93-4	1,2-DIBROMOETHANE	2.8	U
108-90-7	CHLOROBENZENE	2.8	U
100-41-4	ETHYLBENZENE	2.8	U
179601-23	M,P-XYLENE	2.8	U
95-47-6	O-XYLENE	2.8	U
100-42-5	STYRENE	2.8	U
75-25-2	BROMOFORM	2.8	U
98-82-8	ISOPROPYLBENZENE	2.8	U
79-34-5	1,1,2,2-TETRACHLOROETHANE	2.8	U
541-73-1	1,3-DICHLOROBENZENE	2.8	U
106-46-7	1,4-DICHLOROBENZENE	2.8	U
95-50-1	1,2-DICHLOROBENZENE	2.8	U
96-12-8	1,2-DIBROMO-3-CHLOROPROPANE	2.8	U
120-82-1	1,2,4-TRICHLOROBENZENE	2.8	U

Comments:

Quantitation Report

Data File : X:\MSVOA\BUDDHA\101507\B1015027.D Vial: 21
Acq On : 15 Oct 2007 17:37 Operator: LPM
Sample : TT02001-003DL2 Inst : Buddha
Misc : #4 2.21G/5ML+IS/SS(MV-8-42-9) Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Oct 16 8:14 2007 Quant Results File: B8260S.RES

Method : X:\MSVOA\BUDDHA\QUANT\B8260S.M (RTE Integrator)
Title : VOA 8260- 5ML Soil Calibration 5973B
Last Update : Fri Sep 28 16:30:36 2007
Response via : Initial Calibration



Quantitation Report

Data File : X:\MSVOA\BUDDHA\101507\B1015027.D Vial: 21
Acq On : 15 Oct 2007 17:37 Operator: LPM
Sample : TT02001-003DL2 Inst : Buddha
Misc : #4 2.21G/5ML+IS/SS(MV-8-42-9) Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Oct 16 8:14 2007 Quant Results File: B8260S.RES

Quant Method : X:\MSVOA\BUDDHA\QUANT\B8260S.M (RTE Integrator)
Title : VOA 8260- 5ML Soil Calibration 5973B
Last Update : Fri Sep 28 16:30:36 2007
Response via : Initial Calibration
DataAcq Meth : 8260
IS QA File : X:\MSVOA\BUDDHA\092807\B0928013.D (28 Sep 2007 12:55)

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min) Rcv(Ar)
1) Fluorobenzene	6.17	96	431657	50.00 ug/l	0.00 69.05%
54) Chlorobenzene-d5	9.36	117	416910	50.00 ug/l	0.00 82.67%
74) 1,4-Dichlorobenzene-d4	11.67	152	233727	50.00 ug/l	0.00 70.55%

System Monitoring Compounds					
37) Dibromofluoromethane	5.42	111	139022	57.08 ug/l	0.00
Spiked Amount 50.000	Range 65 - 135		Recovery = 114.16%		
40) 1,2-Dichloroethane-d4	5.81	65	117167	53.87 ug/l	0.00
Spiked Amount 50.000	Range 52 - 149		Recovery = 107.74%		
55) Toluene-d8	7.88	98	474788	50.19 ug/l	0.00
Spiked Amount 50.000	Range 85 - 115		Recovery = 100.38%		
76) 4-Bromofluorobenzene	10.54	95	185151	50.39 ug/l	0.00
Spiked Amount 50.000	Range 85 - 120		Recovery = 100.78%		

Target Compounds					Qvalue
2) Dichlorodifluoromethane	1.09	85	60	N.D.	
3) Chloromethane	0.00	50	0	N.D.	
4) Vinyl Chloride	0.00	62	0	N.D.	
5) Bromomethane	1.56	96	83	N.D.	
6) Chloroethane	1.65	64	109	N.D.	
7) Trichlorofluoromethane	0.00	101	0	N.D.	
8) Acrolein	2.30	56	39	Below Cal #	13
9) 1,1-Dichloroethene	2.34	96	28	N.D.	
10) 1,1,2-Trichloro-1,2,2-trif	0.00	101	0	N.D.	
11) Acetone	2.49	43	7333	7.49 ug/l #	83
12) Iodomethane	0.00	142	0	N.D.	
13) Bromoethane	0.00	108	0	N.D.	
14) Carbon Disulfide	2.53	76	413	N.D.	
15) Allyl chloride	0.00	76	0	N.D.	
16) Acetonitrile	2.84	41	299	N.D.	
17) Methyl Acetate	2.83	43	398	N.D.	
18) Methylene Chloride	2.92	84	91505	19.41 ug/l	92
19) trans-1,2-Dichloroethene	3.21	96	163	N.D.	
20) t-Butyl alcohol	0.00	59	0	N.D.	
21) Methyl tert-butyl ether	3.23	73	148	N.D.	
22) Acrylonitrile	0.00	53	0	N.D.	
23) 1,1-Dichloroethane	3.85	63	14778m	3.03 ug/l	12
24) Chloroprene	0.00	53	0	N.D.	
25) Isopropyl ether	0.00	45	0	N.D.	
26) Vinyl acetate	0.00	43	0	N.D.	
27) Ethyl-t-butyl ether	0.00	59	0	N.D.	
28) 2,2-Dichloropropane	0.00	77	0	N.D.	
29) cis-1,2-Dichloroethene	4.74	96	66188	20.63 ug/l	92
30) 2-Butanone	4.89	43	1273	N.D.	
31) Propionitrile	0.00	54	0	N.D.	
32) Bromochloromethane	0.00	128	0	N.D.	
33) Methacrylonitrile	5.18	41	29	N.D.	
34) Chloroform	5.20	83	461	N.D.	
35) 1,1,1-Trichloroethane	5.34	97	10125	2.67 ug/l #	56
36) Cyclohexane	0.00	56	0	N.D.	

(#) = qualifier out of range (m) = manual integration
B1015027.D B8260S.M Tue Oct 16 08:15:06 2007

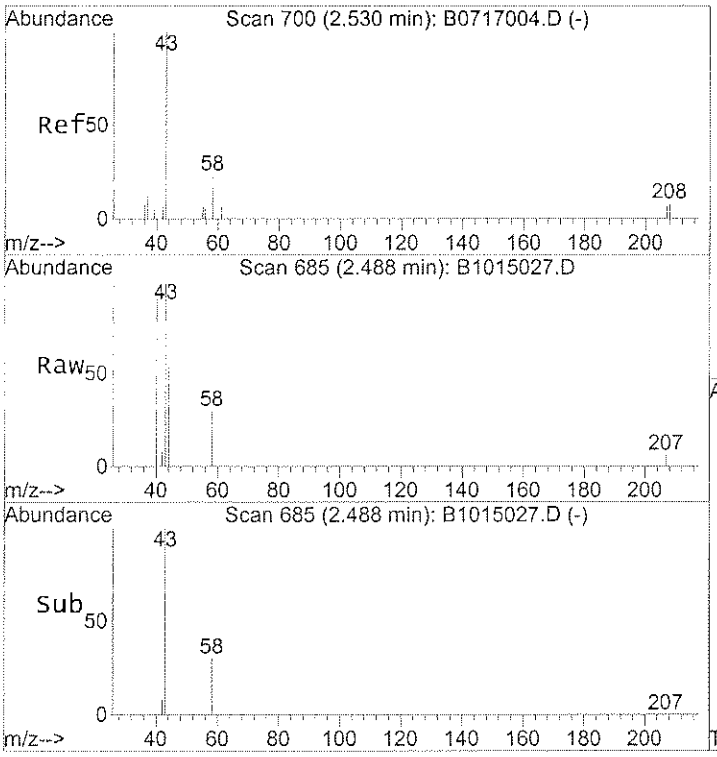
Quantitation Report

Data File : X:\MSVOA\BUDDHA\101507\B1015027.D Vial: 21
Acq On : 15 Oct 2007 17:37 Operator: LPM
Sample : TT02001-003DL2 Inst : Buddha
Misc : #4 2.21G/5ML+IS/SS(MV-8-42-9) Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Oct 16 8:14 2007 Quant Results File: B8260S.RES

Quant Method : X:\MSVOA\BUDDHA\QUANT\B8260S.M (RTE Integrator)
Title : VOA 8260- 5ML Soil Calibration 5973B
Last Update : Fri Sep 28 16:30:36 2007
Response via : Initial Calibration
DataAcq Meth : 8260

Compound	R.T.	QIon	Response	Conc Unit	Qvalue
38) Carbon Tetrachloride	0.00	117	0	N.D.	
39) 1,1-Dichloropropene	0.00	75	0	N.D.	
41) Benzene	5.81	78	932	N.D.	
42) 1,2-Dichloroethane	0.00	62	0	N.D.	
43) t-Amyl methyl ether	0.00	73	0	N.D.	
44) Isobutanol	6.10	43	32	N.D.	
45) Trichloroethene	6.58	130	3311	1.13 ug/l	96
46) Methylcyclohexane	0.00	83	0	N.D.	
47) 1,2-Dichloropropane	0.00	63	0	N.D.	
48) Dibromomethane	0.00	93	0	N.D.	
49) Methyl methacrylate	6.98	41	33	N.D.	
50) Bromodichloromethane	0.00	83	0	N.D.	
51) 2-Chloroethyl vinyl ether	0.00	63	0	N.D.	
52) cis-1,3-Dichloropropene	0.00	75	0	N.D.	
53) 4-Methyl-2-pentanone	7.89	43	1928	N.D.	
56) Toluene	7.95	92	1371	N.D.	
57) trans-1,3-Dichloropropene	0.00	75	0	N.D.	
58) Ethyl methacrylate	0.00	69	0	N.D.	
59) 1,1,2-Trichloroethane	8.37	97	33	N.D.	
60) Tetrachloroethene	8.49	166	114	N.D.	
61) 1,3-Dichloropropane	0.00	76	0	N.D.	
62) 2-Hexanone	8.69	43	31	N.D.	
63) Dibromochloromethane	0.00	129	0	N.D.	
64) 1,2-Dibromoethane	0.00	107	0	N.D.	
65) 1-Chlorohexane	9.36	91	879	N.D.	
66) Chlorobenzene	0.00	112	0	N.D.	
67) 1,1,1,2-Tetrachloroethane	0.00	131	0	N.D.	
68) Ethylbenzene	9.59	91	893	N.D.	
69) m,p-Xylene	9.59	106	221	N.D.	
70) o-xylene	9.99	106	65	N.D.	
71) Styrene	10.02	104	40	N.D.	
72) Bromoform	0.00	173	0	N.D.	
73) Isopropylbenzene	10.53	105	65	N.D.	
75) trans-1,4-Dichloro-2-buten	0.00	53	0	N.D.	
77) Bromobenzene	10.67	156	42	N.D.	
78) 1,1,2,2-Tetrachloroethane	0.00	83	0	N.D.	
79) 1,2,3-Trichloropropane	0.00	110	0	N.D.	
80) n-Propylbenzene	10.94	120	31	N.D.	
81) 2-Chlorotoluene	10.77	91	331	N.D.	
82) 4-Chlorotoluene	10.97	91	71	N.D.	
83) 1,3,5-Trimethylbenzene	10.93	105	85	N.D.	
84) tert-Butylbenzene	0.00	119	0	N.D.	
85) 1,2,4-Trimethylbenzene	11.31	105	440	N.D.	
86) sec-butylbenzene	11.47	105	79	N.D.	
87) 1,3-Dichlorobenzene	11.61	146	74	N.D.	
88) 4-Isopropyltoluene	11.62	119	135	N.D.	
89) 1,4-Dichlorobenzene	11.69	146	382	N.D.	
90) 1,2-Dichlorobenzene	12.07	146	153	N.D.	
91) n-Butylbenzene	12.03	91	71	N.D.	
92) 1,2-Dibromo-3-chloropropan	0.00	75	0	N.D.	
93) 1,2,4-Trichlorobenzene	13.65	180	113	N.D.	
94) Hexachlorobutadiene	0.00	225	0	N.D.	
95) Naphthalene	13.90	128	731	N.D.	
96) 1,2,3-Trichlorobenzene	14.14	180	72	N.D.	

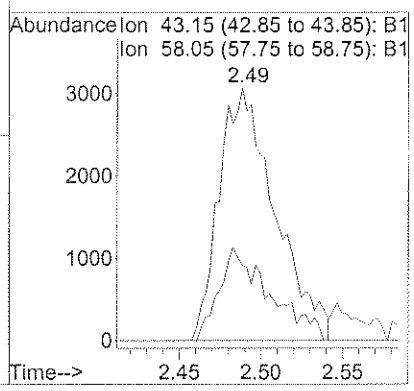
(#) = qualifier out of range (m) = manual integration
B1015027.D B8260S.M Tue Oct 16 08:15:06 2007

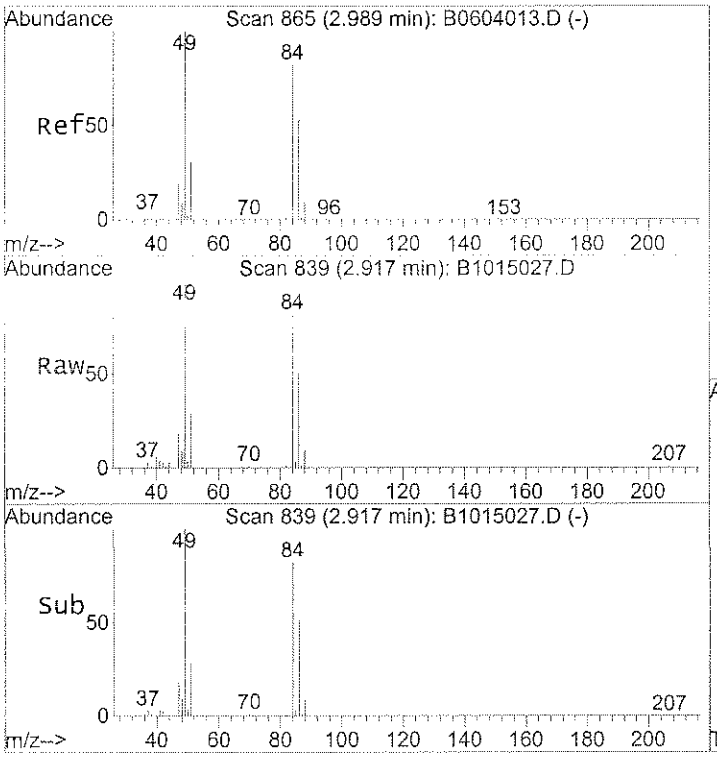


#11
Acetone
Concen: 7.49 ug/l
RT: 2.49 min Scan# 685
Delta R.T. 0.01 min
Lab File: B1015027.D
Acq: 15 Oct 2007 17:37

Tgt Ion: 43 Resp: 7333

Ion	Ratio	Lower	Upper
43	100		
58	18.7	22.0	33.0#

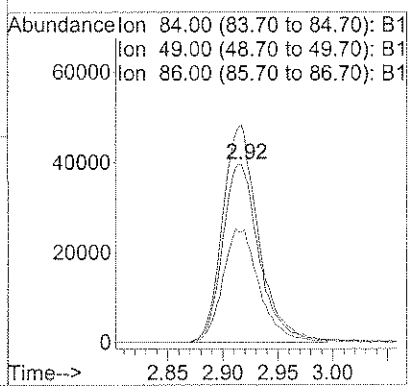




#18
Methylene Chloride
Concen: 19.41 ug/l
RT: 2.92 min Scan# 839
Delta R.T. 0.01 min
Lab File: B1015027.D
Acq: 15 Oct 2007 17:37

Tgt Ion: 84 Resp: 91505

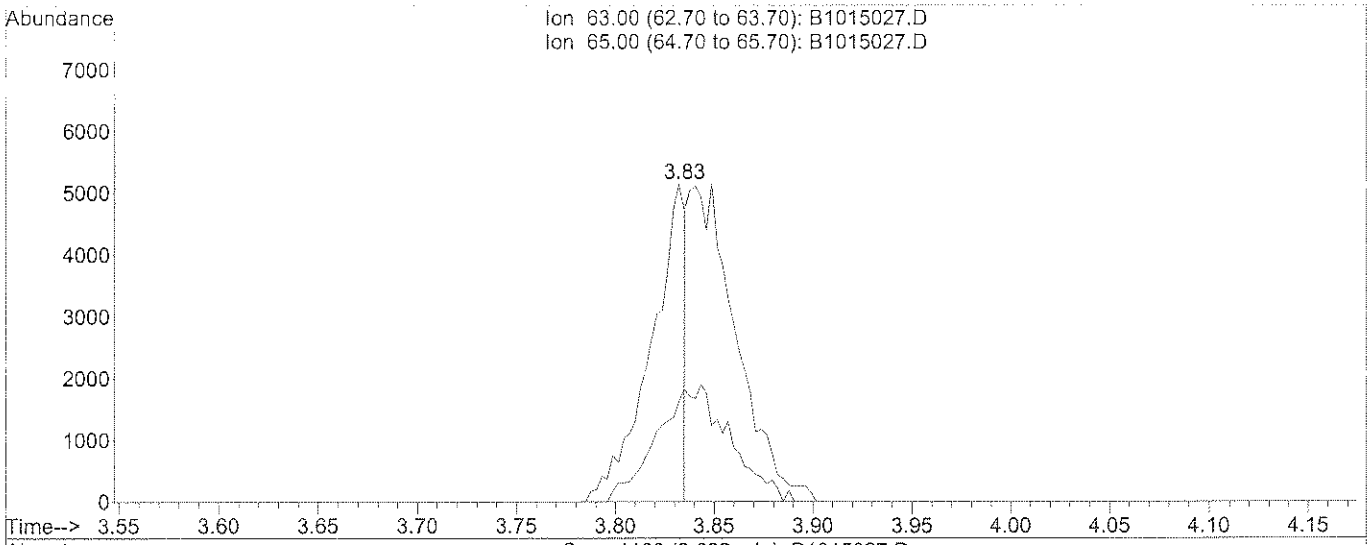
Ion	Ratio	Lower	Upper
84	100		
49	121.0	113.6	153.6
86	63.8	45.8	85.8

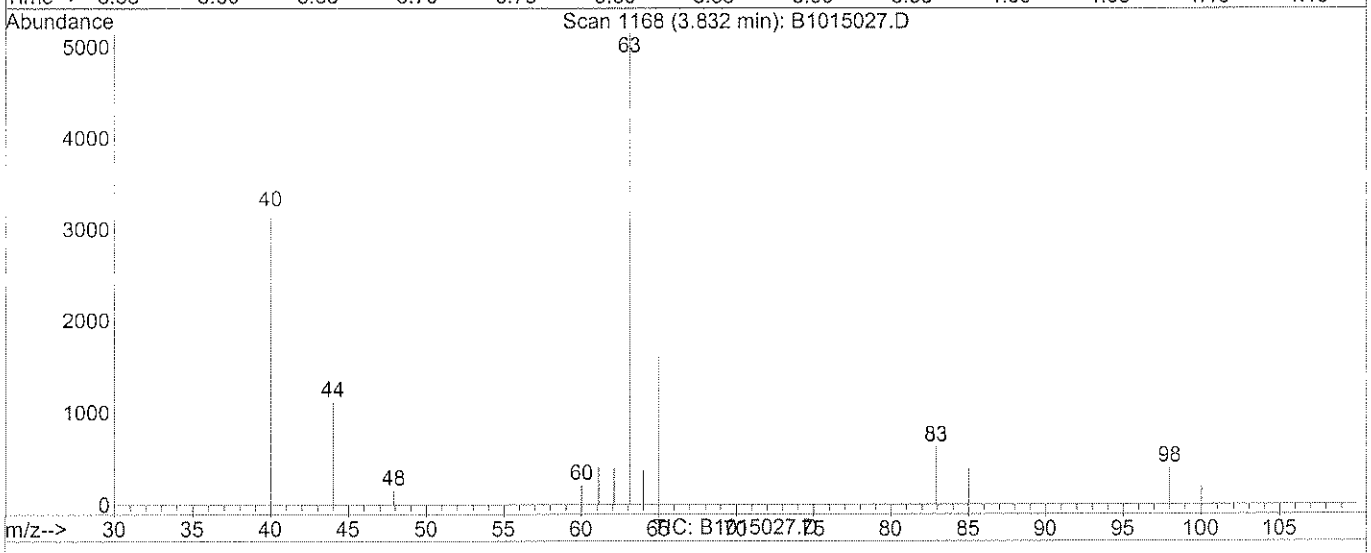


Quantitation Report (Qedit)

Data File : X:\MSVOA\BUDDHA\101507\B1015027.D Vial: 21
Acq On : 15 Oct 2007 17:37 Operator: LPM
Sample : TT02001-003DL2 Inst : Buddha
Misc : #4 2.21G/5ML+IS/SS(MV-8-42-9) Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Oct 16 6:15 2007 Quant Results File: temp.res

Method : X:\MSVOA\BUDDHA\QUANT\B8260S.M (RTE Integrator)
Title : VOA 8260- 5ML Soil Calibration 5973B
Last Update : Fri Sep 28 16:30:36 2007
Response via : Multiple Level Calibration





(23) 1,1-Dichloroethane (P)

3.83min 1.27ug/l

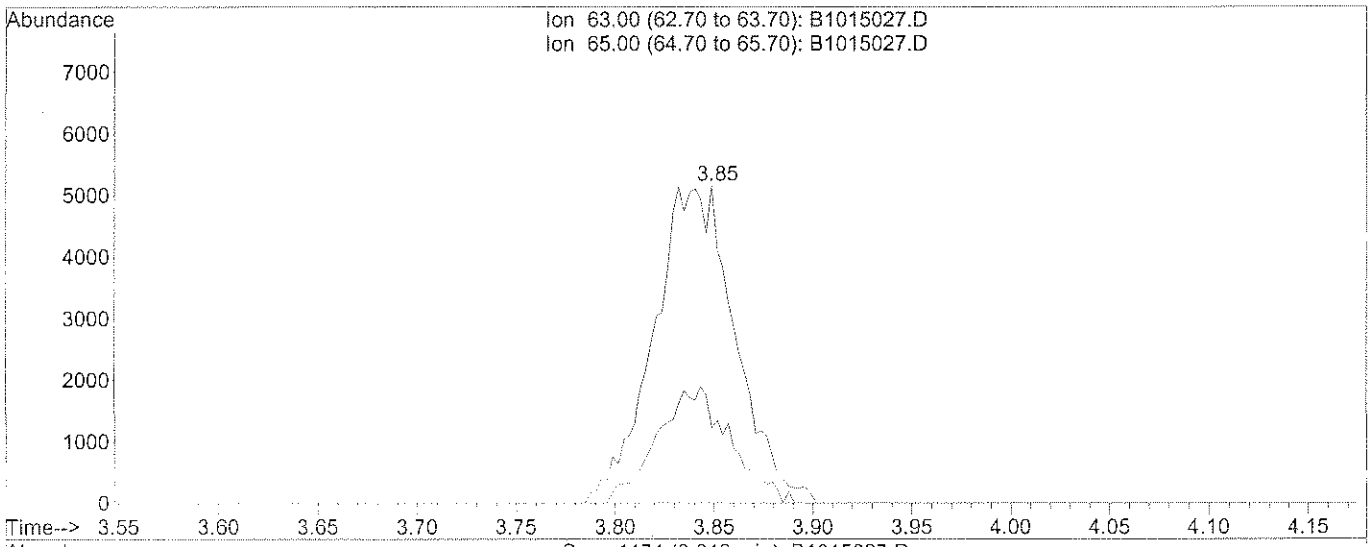
response 6214

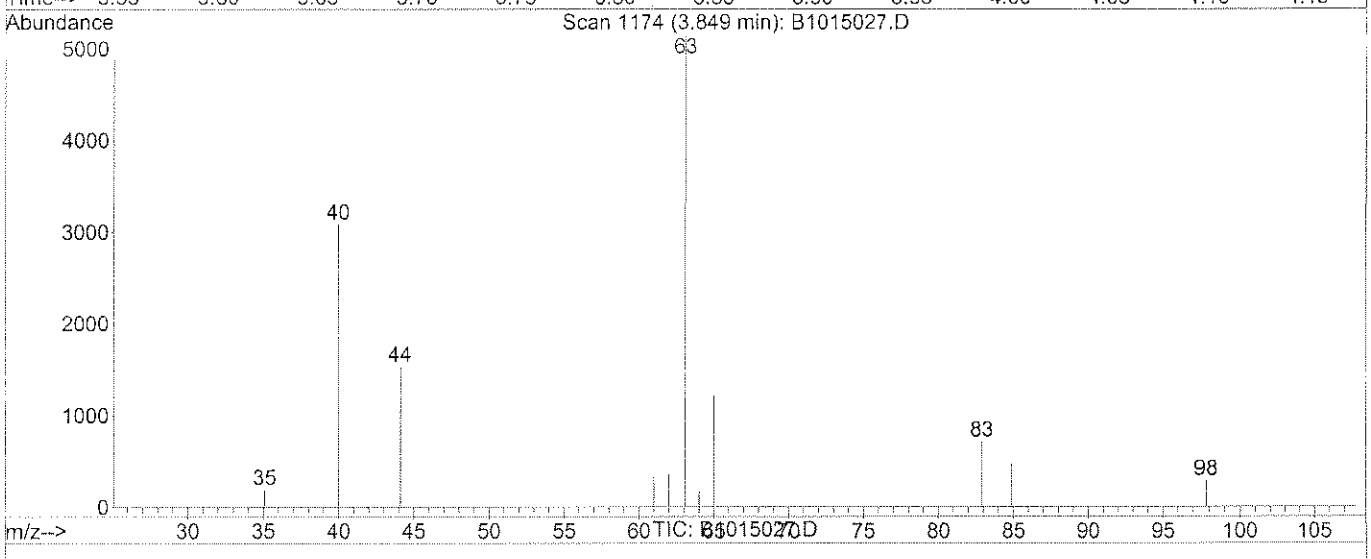
Ion	Exp%	Act%
63.00	100	100
65.00	30.20	77.90#
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data File : X:\MSVOA\BUDDHA\101507\B1015027.D Vial: 21
Acq On : 15 Oct 2007 17:37 Operator: LPM
Sample : TT02001-003DL2 Inst : Buddha
Misc : #4 2.21G/5ML+IS/SS(MV-8-42-9) Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Oct 16 8:14 2007 Quant Results File: temp.res

Method : X:\MSVOA\BUDDHA\QUANT\B8260S.M (RTE Integrator)
Title : VOA 8260- 5ML Soil Calibration 5973B
Last Update : Fri Sep 28 16:30:36 2007
Response via : Multiple Level Calibration



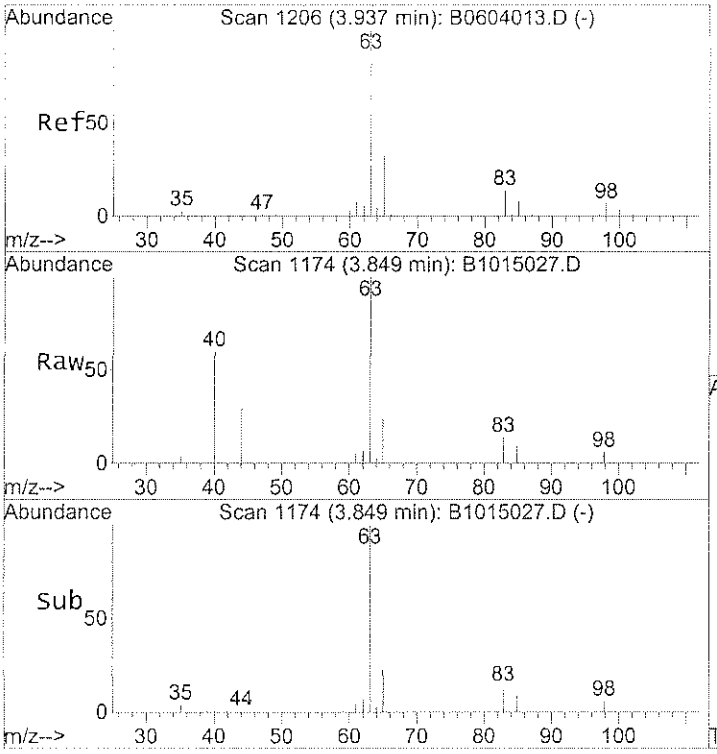


(23) 1,1-Dichloroethane (P)

3.85min 3.03ug/l m

response 14778

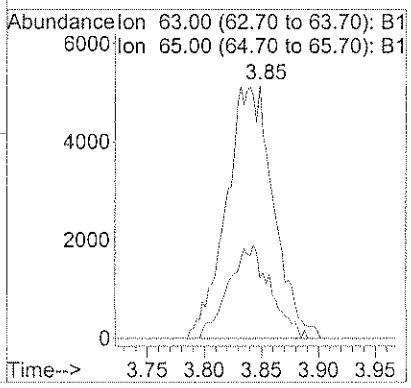
Ion	Exp%	Act%
63.00	100	100
65.00	30.20	32.76
0.00	0.00	0.00
0.00	0.00	0.00

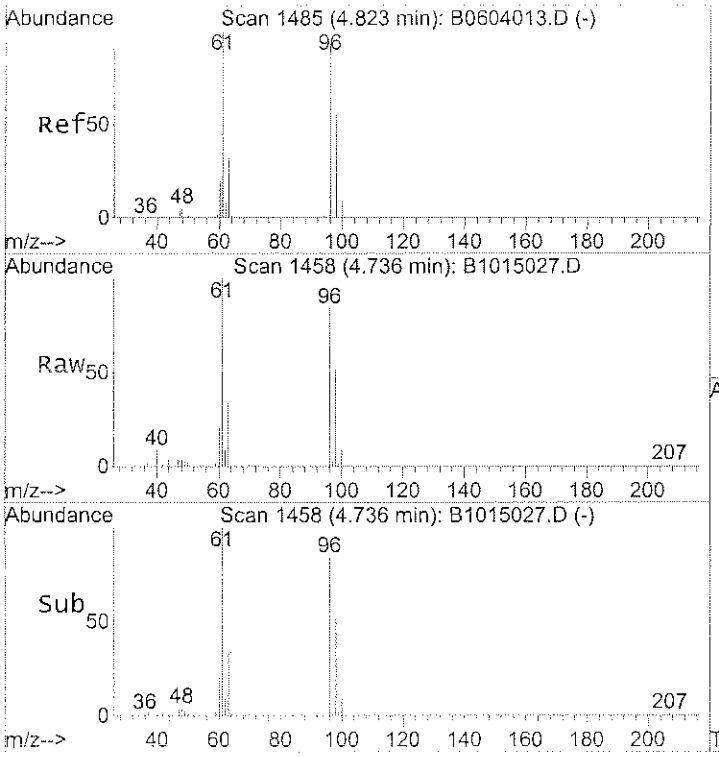


#23
1,1-Dichloroethane
Concen: 3.03 ug/l m
RT: 3.85 min Scan# 1174
Delta R.T. 0.01 min
Lab File: B1015027.D
Acq: 15 Oct 2007 17:37

Tgt Ion: 63 Resp: 14778

Ion	Ratio	Lower	Upper
63	100		
65	32.8	10.2	50.2

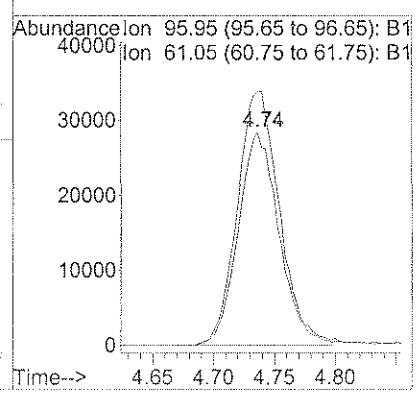


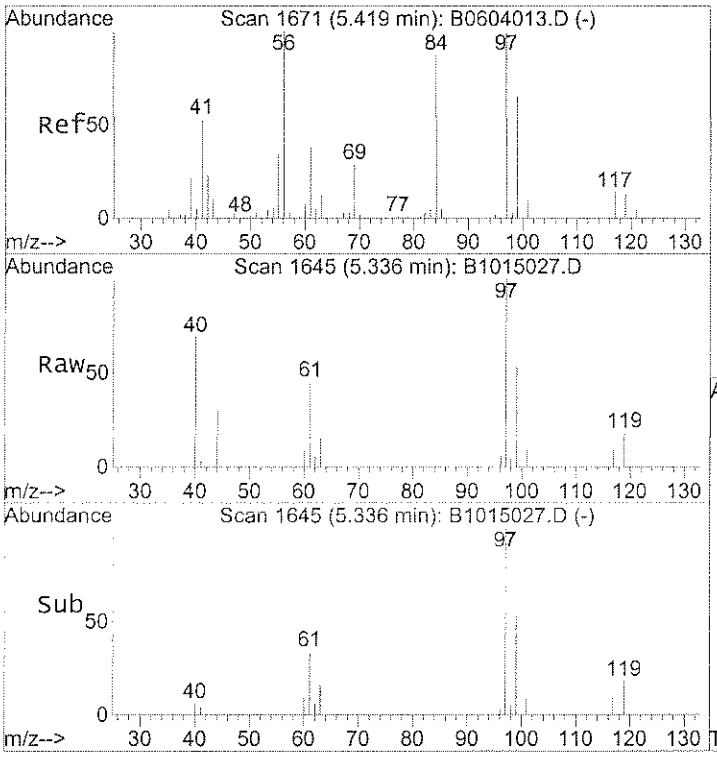


#29
cis-1,2-Dichloroethene
Concen: 20.63 ug/l
RT: 4.74 min Scan# 1458
Delta R.T. 0.00 min
Lab File: B1015027.D
Acq: 15 Oct 2007 17:37

Tgt Ion: 96 Resp: 66188

Ion	Ratio	Lower	Upper
96	100		
61	124.2	107.4	161.0

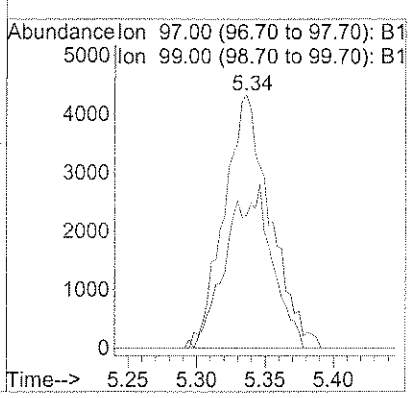


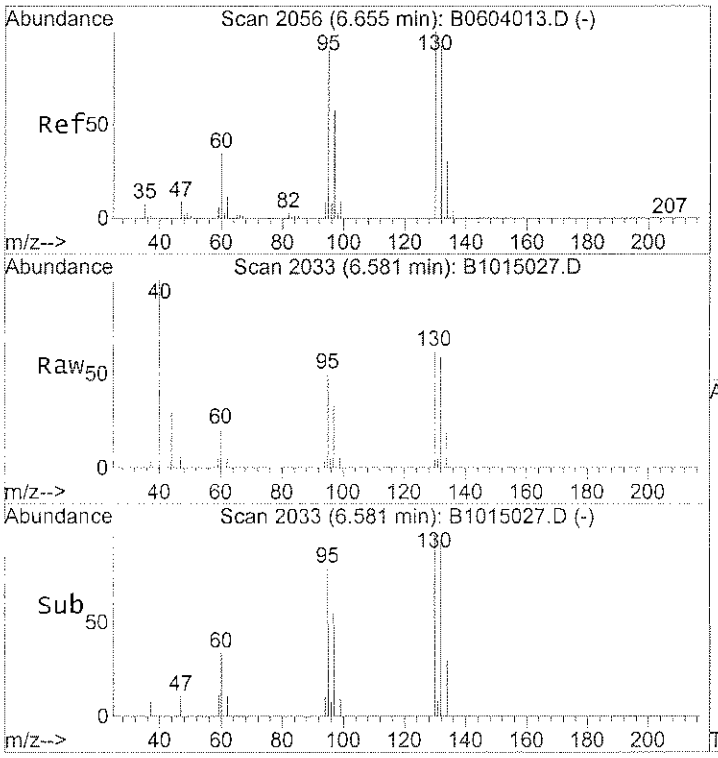


#35
1,1,1-Trichloroethane
Concen: 2.67 ug/l
RT: 5.34 min Scan# 1645
Delta R.T. 0.00 min
Lab File: B1015027.D
Acq: 15 Oct 2007 17:37

Tgt Ion: 97 Resp: 10125

Ion	Ratio	Lower	Upper
97	100		
99	27.3	40.3	80.3#

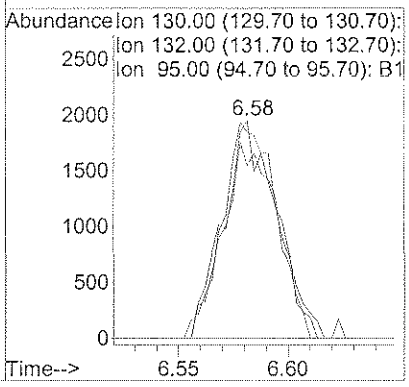




#45
Trichloroethene
Concen: 1.13 ug/l
RT: 6.58 min Scan# 2033
Delta R.T. -0.00 min
Lab File: B1015027.D
Acq: 15 Oct 2007 17:37

Tgt Ion:130 Resp: 3311

Ion	Ratio	Lower	Upper
130	100		
132	102.3	80.2	120.2
95	90.5	75.8	115.8



VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

08SSW004

Lab Name: _____ Contract: _____

SDG No.: TT02001 Run Sequence: R022318

Matrix: (SOIL/SED/WATER) Soil Lab Sample ID: TT02001-004

Sample wt/vol: 5.72 (g/mL) gm Lab File ID: B1009018.D

Level: (LOW/MED) _____ Date Collected: 10/03/2007

% Moisture: not dec. 15.0 Date/Time Analyzed: 10/09/2007 12:18

GC Column: ZB-624 20m ID: 0.18 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____(uL) Soil Aliquot Volume: _____(uL)

Heated Purge: (Y/N) Y

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/kg	Q
1330-20-7	XYLENES, TOTAL	14	
75-71-8	DICHLORODIFLUOROMETHANE	1.0	U
74-87-3	CHLOROMETHANE	1.0	U
75-01-4	VINYL CHLORIDE	74	
74-83-9	BROMOMETHANE	1.0	U
75-00-3	CHLOROETHANE	340	E
75-69-4	TRICHLOROFLUOROMETHANE	1.0	U
75-35-4	1,1-DICHLOROETHENE	3.3	
76-13-1	1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	1.0	U
67-64-1	ACETONE	28	B
75-15-0	CARBON DISULFIDE	1.0	U
79-20-9	METHYL ACETATE	1.0	U
75-09-2	METHYLENE CHLORIDE	1.0	U
1634-04-4	METHYL TERT-BUTYL ETHER	1.0	U
156-60-5	TRANS-1,2-DICHLOROETHENE	9.1	
75-34-3	1,1-DICHLOROETHANE	230	E
156-59-2	CIS-1,2-DICHLOROETHENE	910	E
78-93-3	2-BUTANONE	5.5	J
67-66-3	CHLOROFORM	1.0	U
71-55-6	1,1,1-TRICHLOROETHANE	260	E
110-82-7	CYCLOHEXANE	1.8	J
56-23-5	CARBON TETRACHLORIDE	1.0	U
71-43-2	BENZENE	1.0	U
107-06-2	1,2-DICHLOROETHANE	1.0	U
79-01-6	TRICHLOROETHENE	910	E
108-87-2	METHYLCYCLOHEXANE	7.7	
78-87-5	1,2-DICHLOROPROPANE	1.0	U
75-27-4	BROMODICHLOROMETHANE	1.0	U
10061-01-	CIS-1,3-DICHLOROPROPENE	1.0	U

1

VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

08SSW004

Lab Name: _____ Contract: _____

SDG No.: TT02001 Run Sequence: R022318

Matrix: (SOIL/SED/WATER) Soil Lab Sample ID: TT02001-004

Sample wt/vol: 5.72 (g/mL) gm Lab File ID: B1009018.D

Level: (LOW/MED) _____ Date Collected: 10/03/2007

% Moisture: not dec. 15.0 Date/Time Analyzed: 10/09/2007 12:18

GC Column: ZB-624 20m ID: 0.18 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____(uL) Soil Aliquot Volume: _____(uL)

Heated Purge: (Y/N) Y

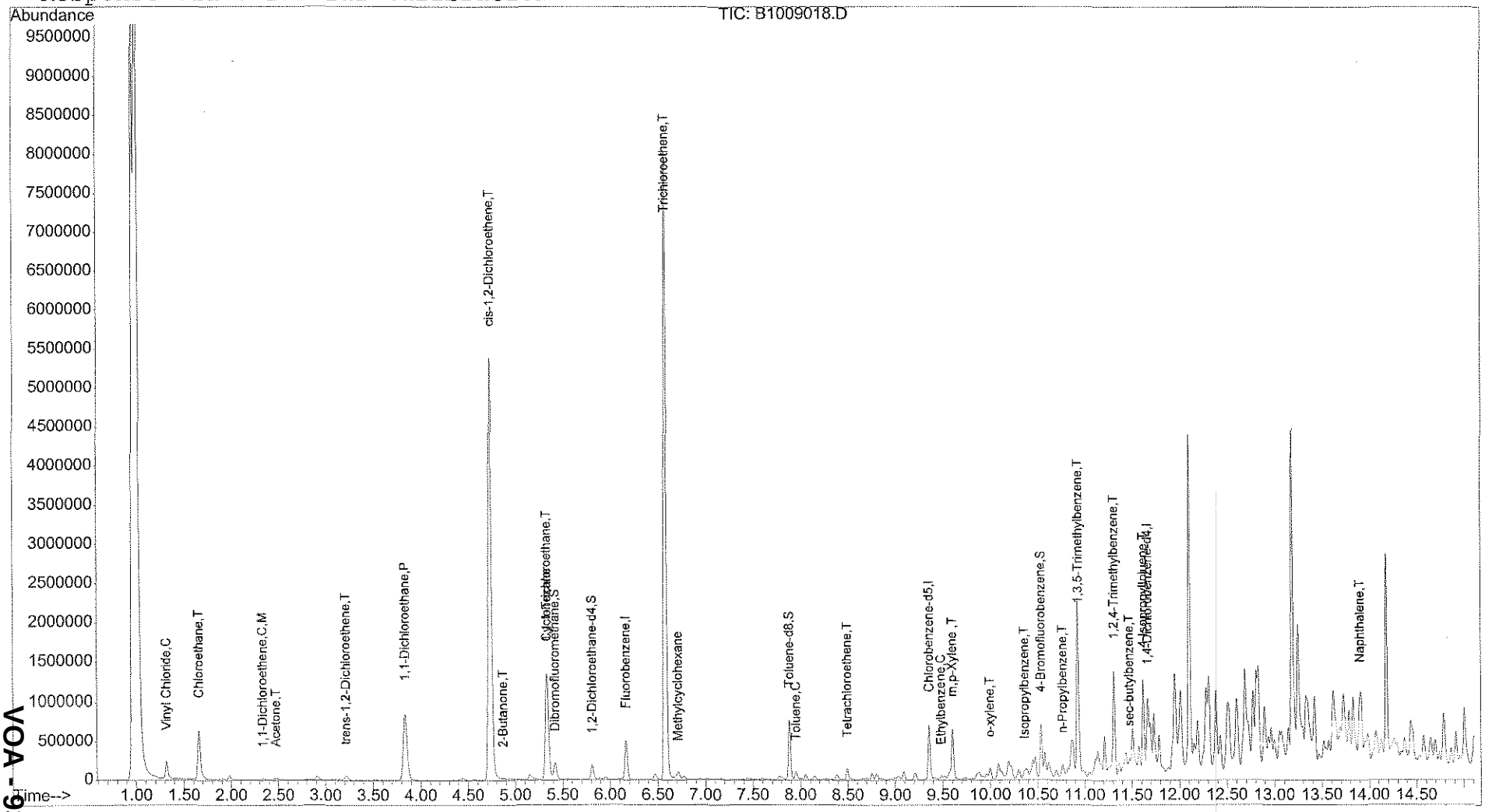
CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/kg	Q
108-10-1	4-METHYL-2-PENTANONE	1.0	U
108-88-3	TOLUENE	5.3	
10061-02-	TRANS-1,3-DICHLOROPROPENE	1.0	U
79-00-5	1,1,2-TRICHLOROETHANE	1.0	U
127-18-4	TETRACHLOROETHENE	15	
591-78-6	2-HEXANONE	1.0	U
124-48-1	DIBROMOCHLOROMETHANE	1.0	U
106-93-4	1,2-DIBROMOETHANE	1.0	U
108-90-7	CHLOROBENZENE	1.0	U
100-41-4	ETHYLBENZENE	2.1	J
179601-23	M,P-XYLENE	9.4	
95-47-6	O-XYLENE	5.0	
100-42-5	STYRENE	1.0	U
75-25-2	BROMOFORM	1.0	U
98-82-8	ISOPROPYLBENZENE	2.1	J
79-34-5	1,1,2,2-TETRACHLOROETHANE	1.0	U
541-73-1	1,3-DICHLOROBENZENE	1.0	U
106-46-7	1,4-DICHLOROBENZENE	1.0	U
95-50-1	1,2-DICHLOROBENZENE	1.0	U
96-12-8	1,2-DIBROMO-3-CHLOROPROPANE	1.0	U
120-82-1	1,2,4-TRICHLOROBENZENE	1.0	U

Comments:

Quantitation Report

Data File : X:\MSVOA\BUDDHA\100907\B1009018.D Vial: 12
Acq On : 9 Oct 2007 12:18 Operator: LPM
Sample : TT02001-004 Inst : Buddha
Misc : #2 5.72GM+ 5ML PFW+IS/SS Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Oct 10 7:57 2007 Quant Results File: B8260S.RES

Method : X:\MSVOA\BUDDHA\QUANT\B8260S.M (RTE Integrator)
Title : VOA 8260- 5ML Soil Calibration 5973B
Last Update : Fri Sep 28 16:30:36 2007
Response via : Initial Calibration



VOA - 93

Quantitation Report

Data File : X:\MSVOA\BUDDHA\100907\B1009018.D Vial: 12
Acq On : 9 Oct 2007 12:18 Operator: LPM
Sample : TT02001-004 Inst : Buddha
Misc : #2 5.72GM+ 5ML PFW+IS/SS Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Oct 10 7:57 2007 Quant Results File: B8260S.RES

Quant Method : X:\MSVOA\BUDDHA\QUANT\B8260S.M (RTE Integrator)
Title : VOA 8260- 5ML Soil Calibration 5973B
Last Update : Fri Sep 28 16:30:36 2007
Response via : Initial Calibration
DataAcq Meth : 8260
IS QA File : X:\MSVOA\BUDDHA\092807\B0928013.D (28 Sep 2007 12:55)

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min) Rcv(Ar)
1) Fluorobenzene	6.17	96	489091	50.00 ug/l	0.00 78.24%
54) Chlorobenzene-d5	9.36	117	390134	50.00 ug/l	0.00 77.36%
74) 1,4-Dichlorobenzene-d4	11.67	152	193003	50.00 ug/l	0.00 58.25%

System Monitoring Compounds					
37) Dibromofluoromethane	5.42	111	143021	51.83 ug/l	0.00
Spiked Amount 50.000	Range 65 - 135		Recovery = 103.66%		
40) 1,2-Dichloroethane-d4	5.81	65	120937	49.08 ug/l	0.00
Spiked Amount 50.000	Range 52 - 149		Recovery = 98.16%		
55) Toluene-d8	7.88	98	499241	56.40 ug/l	0.00
Spiked Amount 50.000	Range 85 - 115		Recovery = 112.80%		
76) 4-Bromofluorobenzene	10.53	95	181230	59.73 ug/l	0.00
Spiked Amount 50.000	Range 85 - 120		Recovery = 119.46%		

Target Compounds					Qvalue
2) Dichlorodifluoromethane	1.09	85	26	N.D.	
3) Chloromethane	0.00	50	0	N.D.	
4) Vinyl Chloride	1.32	62	237805	71.66 ug/l	96
5) Bromomethane	1.57	96	28	N.D.	
6) Chloroethane	1.66	64	629520	328.23 ug/l	98
7) Trichlorofluoromethane	1.86	101	31	N.D.	
8) Acrolein	2.30	56	341	Below Cal	91
9) 1,1-Dichloroethene	2.33	96	8904	3.19 ug/l #	87
10) 1,1,2-Trichloro-1,2,2-trif	0.00	101	0	N.D.	
11) Acetone	2.48	43	30366	27.36 ug/l	94
12) Iodomethane	0.00	142	0	N.D.	
13) Bromoethane	2.55	108	2412	N.D.	
14) Carbon Disulfide	2.54	76	3553	N.D.	
15) Allyl chloride	0.00	76	0	N.D.	
16) Acetonitrile	0.00	41	0	N.D. d	
17) Methyl Acetate	2.79	43	1290	N.D.	
18) Methylene Chloride	2.91	84	25373	Below Cal	91
19) trans-1,2-Dichloroethene	3.22	96	28376	8.83 ug/l	92
20) t-Butyl alcohol	3.21	59	396	N.D.	
21) Methyl tert-butyl ether	0.00	73	0	N.D.	
22) Acrylonitrile	0.00	53	0	N.D.	

(#) = qualifier out of range (m) = manual integration

Quantitation Report

Data File : X:\MSVOA\BUDDHA\100907\B1009018.D Vial: 12
Acq On : 9 Oct 2007 12:18 Operator: LPM
Sample : TT02001-004 Inst : Buddha
Misc : #2 5.72GM+ 5ML PFW+IS/SS Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Oct 10 7:57 2007 Quant Results File: B8260S.RES

Quant Method : X:\MSVOA\BUDDHA\QUANT\B8260S.M (RTE Integrator)
Title : VOA 8260- 5ML Soil Calibration 5973B
Last Update : Fri Sep 28 16:30:36 2007
Response via : Initial Calibration
DataAcq Meth : 8260

Compound	R.T.	QIon	Response	Conc Unit	Qvalue
23) 1,1-Dichloroethane	3.83	63	1230863	222.80 ug/l	97
24) Chloroprene	4.04	53	101	N.D.	
25) Isopropyl ether	0.00	45	0	N.D.	
26) Vinyl acetate	3.87	43	83	N.D.	
27) Ethyl-t-butyl ether	0.00	59	0	N.D.	
28) 2,2-Dichloropropane	0.00	77	0	N.D.	
29) cis-1,2-Dichloroethene	4.73	96	3212167	883.65 ug/l	88
30) 2-Butanone	4.88	43	8676m	5.38 ug/l #	47
31) Propionitrile	0.00	54	0	N.D.	
32) Bromochloromethane	0.00	128	0	N.D.	
33) Methacrylonitrile	0.00	41	0	N.D. d	
34) Chloroform	5.21	83	1198	N.D.	
35) 1,1,1-Trichloroethane	5.33	97	1104418	256.90 ug/l	94
36) Cyclohexane	5.34	56	8247	~~1.73 ug/l #~~	1
38) Carbon Tetrachloride	0.00	117	0	N.D.	
39) 1,1-Dichloropropene	5.55	75	30	N.D.	
41) Benzene	5.81	78	4224	N.D.	
42) 1,2-Dichloroethane	5.90	62	3683	N.D.	
43) t-Amyl methyl ether	0.00	73	0	N.D.	
44) Isobutanol	5.95	43	351	N.D.	
45) Trichloroethene	6.58	130	2919801	882.88 ug/l	95
46) Methylcyclohexane	6.72	83	37241	7.46 ug/l	92
47) 1,2-Dichloropropane	0.00	63	0	N.D.	
48) Dibromomethane	0.00	93	0	N.D.	
49) Methyl methacrylate	7.01	41	2807	N.D.	
50) Bromodichloromethane	0.00	83	0	N.D.	
51) 2-Chloroethyl vinyl ether	0.00	63	0	N.D.	
52) cis-1,3-Dichloropropene	0.00	75	0	N.D.	
53) 4-Methyl-2-pentanone	7.77	43	904	N.D.	
56) Toluene	7.95	92	37286	5.19 ug/l	99
57) trans-1,3-Dichloropropene	8.38	75	263	N.D.	
58) Ethyl methacrylate	8.38	69	1437	N.D.	
59) 1,1,2-Trichloroethane	0.00	97	0	N.D. d	
60) Tetrachloroethene	8.49	166	47359	14.94 ug/l	97
61) 1,3-Dichloropropane	0.00	76	0	N.D.	
62) 2-Hexanone	8.71	43	2486	N.D.	
63) Dibromochloromethane	0.00	129	0	N.D.	
64) 1,2-Dibromoethane	8.81	107	74	N.D.	
65) 1-Chlorohexane	0.00	91	0	N.D. d	
66) Chlorobenzene	9.38	112	68	N.D.	
67) 1,1,1,2-Tetrachloroethane	0.00	131	0	N.D.	

(#) = qualifier out of range (m) = manual integration

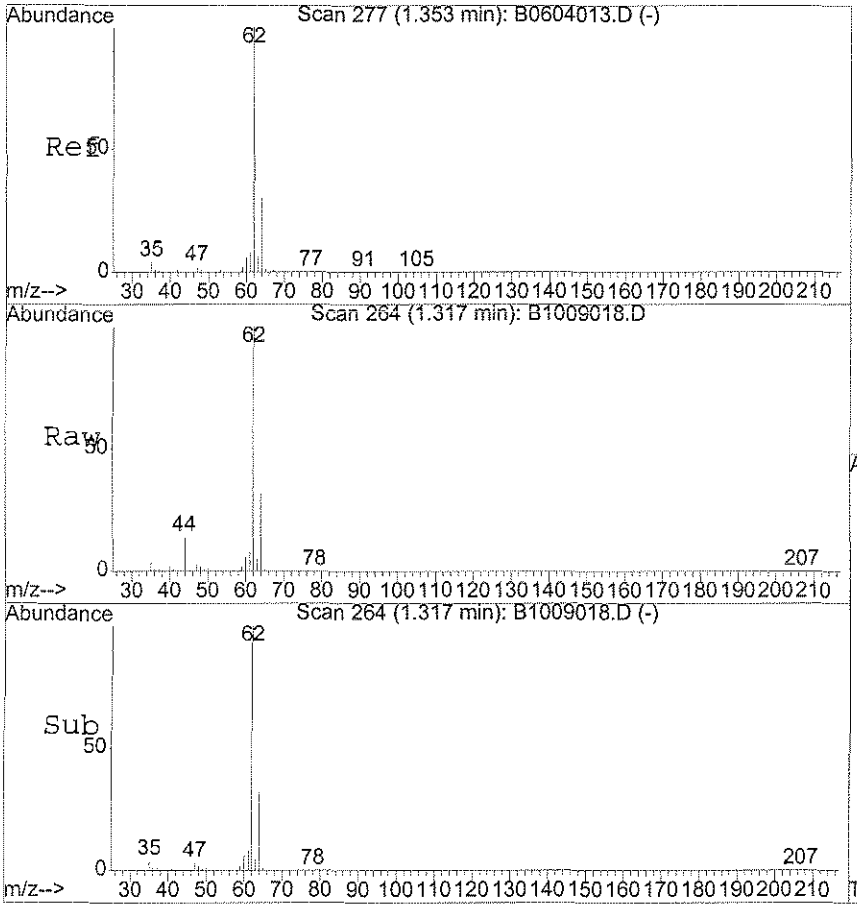
Quantitation Report

Data File : X:\MSVOA\BUDDHA\100907\B1009018.D Vial: 12
Acq On : 9 Oct 2007 12:18 Operator: LPM
Sample : TT02001-004 Inst : Buddha
Misc : #2 5.72GM+ 5ML PFW+IS/SS Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Oct 10 7:57 2007 Quant Results File: B8260S.RES

Quant Method : X:\MSVOA\BUDDHA\QUANT\B8260S.M (RTE Integrator)
Title : VOA 8260- 5ML Soil Calibration 5973B
Last Update : Fri Sep 28 16:30:36 2007
Response via : Initial Calibration
DataAcq Meth : 8260

	Compound	R.T.	QIon	Response	Conc Unit	Qvalue
68)	Ethylbenzene	9.48	91	27956	2.00 ug/l	97
69)	m,p-Xylene	9.60	106	51365	9.13 ug/l	97
70)	o-xylene	10.00	106	28933	4.90 ug/l	98
71)	Styrene	10.02	104	450	N.D.	
72)	Bromoform	0.00	173	0	N.D.	
73)	Isopropylbenzene	10.35	105	27291	2.01 ug/l #	97
75)	trans-1,4-Dichloro-2-buten	0.00	53	0	N.D. d	
77)	Bromobenzene	10.67	156	62	N.D.	
78)	1,1,2,2-Tetrachloroethane	0.00	83	0	N.D. d	
79)	1,2,3-Trichloropropane	0.00	110	0	N.D. d	
80)	n-Propylbenzene	10.77	120	14508	4.61 ug/l #	97
81)	2-Chlorotoluene	0.00	91	0	N.D. d	
82)	4-Chlorotoluene	0.00	91	0	N.D. d	
83)	1,3,5-Trimethylbenzene	10.94	105	196066	19.15 ug/l	97
84)	tert-Butylbenzene	0.00	119	0	N.D. d	
85)	1,2,4-Trimethylbenzene	11.31	105	614692	57.83 ug/l	99
86)	sec-butylbenzene	11.47	105	86556	7.04 ug/l	98
87)	1,3-Dichlorobenzene	11.61	146	874	N.D.	
88)	4-Isopropyltoluene	11.62	119	419956	36.43 ug/l	98
89)	1,4-Dichlorobenzene	11.70	146	1136	N.D.	
90)	1,2-Dichlorobenzene	12.06	146	524	N.D.	
91)	n-Butylbenzene	0.00	91	0	N.D. d	
92)	1,2-Dibromo-3-chloropropan	0.00	75	0	N.D. d	
93)	1,2,4-Trichlorobenzene	13.65	180	947	N.D.	
94)	Hexachlorobutadiene	13.79	225	891	N.D.	
95)	Naphthalene	13.89	128	244725	21.12 ug/l #	92
96)	1,2,3-Trichlorobenzene	14.12	180	188	N.D.	

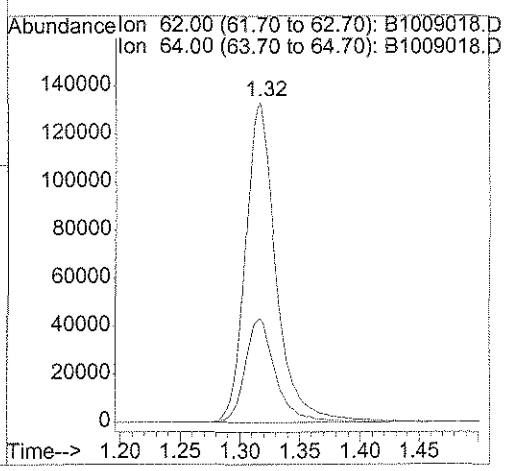
(#) = qualifier out of range (m) = manual integration

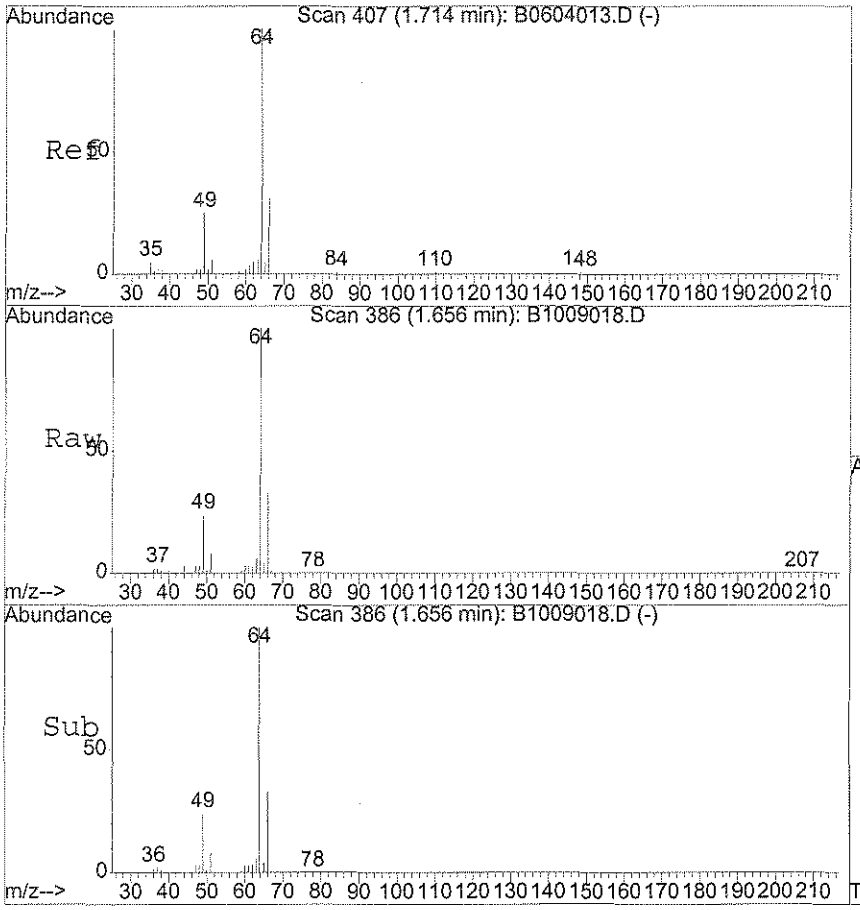


#4
Vinyl Chloride
Concen: 71.66 ug/l
RT: 1.32 min Scan# 264
Delta R.T. 0.01 min
Lab File: B1009018.D
Acq: 9 Oct 2007 12:18

Tgt Ion: 62 Resp: 237805

Ion	Ratio	Lower	Upper
62	100		
64	32.3	10.2	50.2

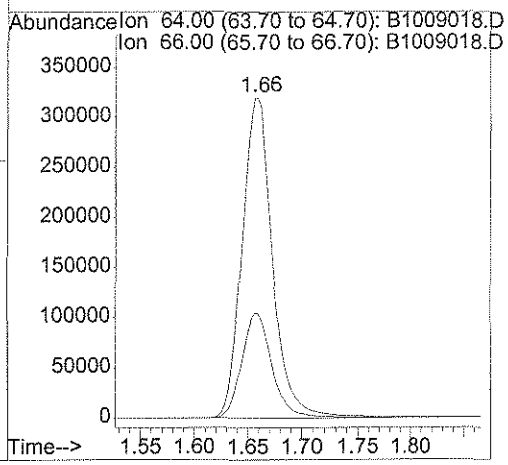


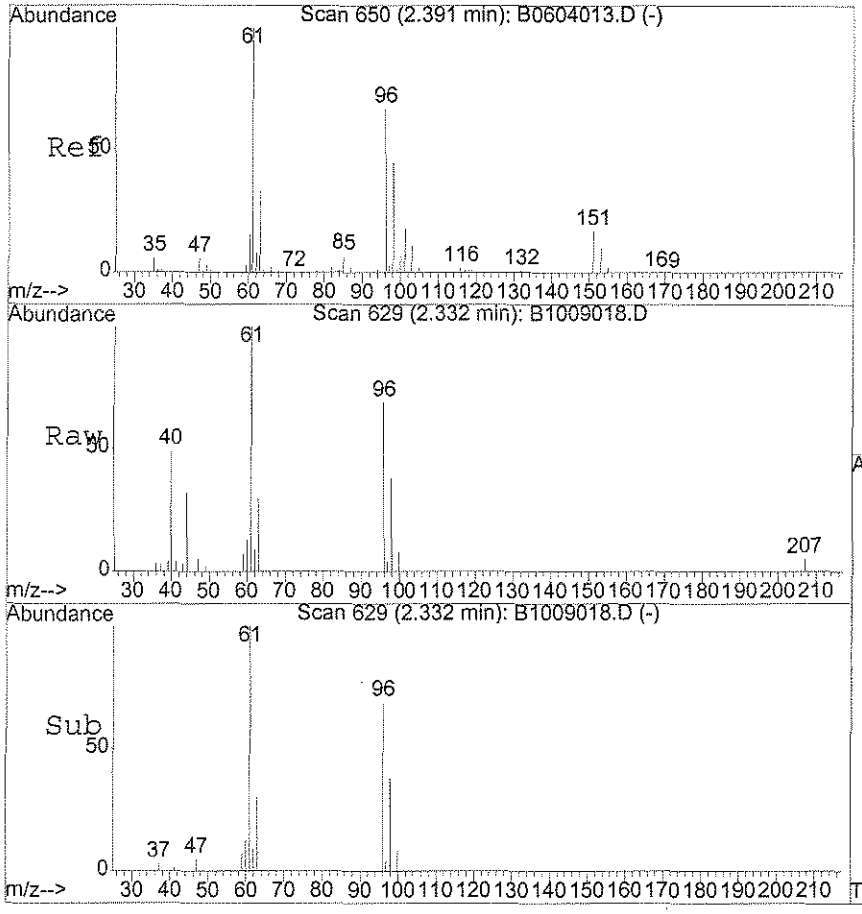


#6
Chloroethane
Concen: 328.23 ug/l
RT: 1.66 min Scan# 386
Delta R.T. 0.01 min
Lab File: B1009018.D
Acq: 9 Oct 2007 12:18

Tgt Ion: 64 Resp: 629520

Ion	Ratio	Lower	Upper
64	100		
66	32.5	11.6	51.6

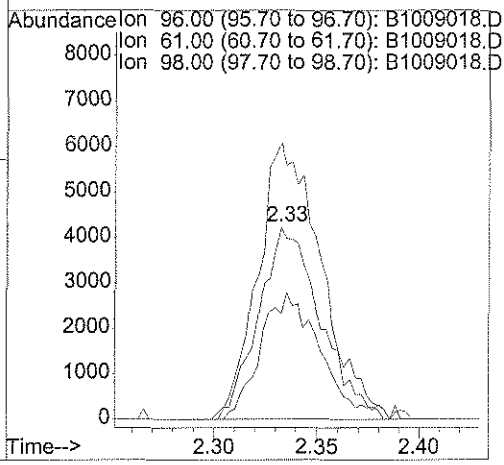


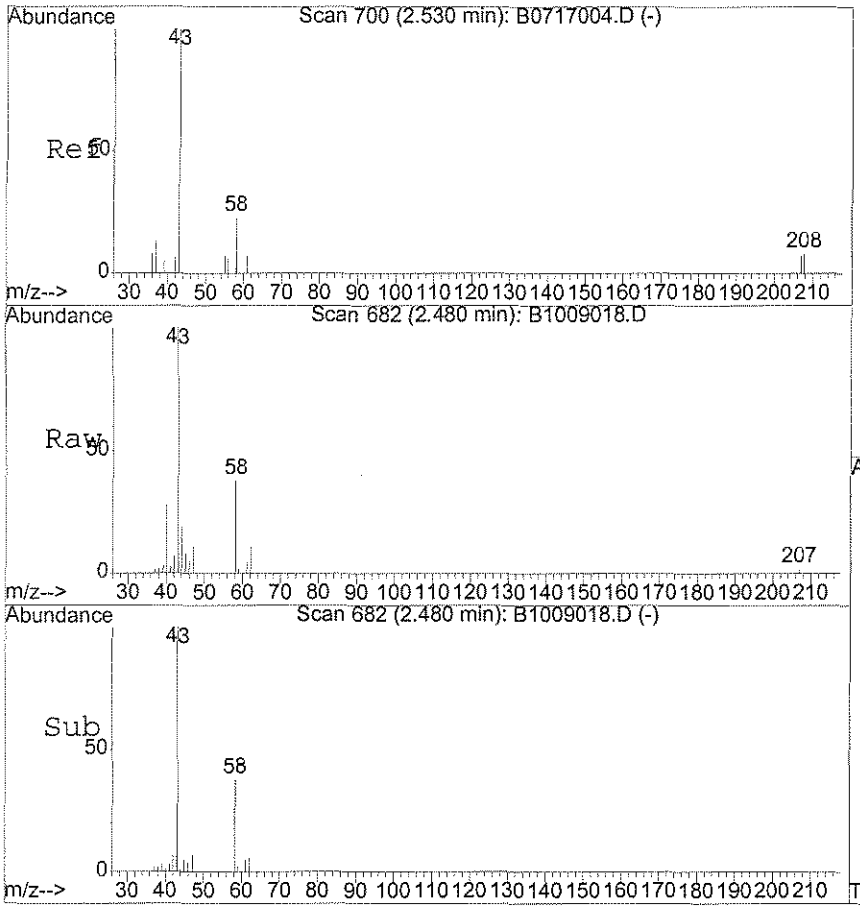


#9
1,1-Dichloroethene
Concen: 3.19 ug/l
RT: 2.33 min Scan# 629
Delta R.T. 0.00 min
Lab File: B1009018.D
Acq: 9 Oct 2007 12:18

Tgt Ion: 96 Resp: 8904

Ion	Ratio	Lower	Upper
96	100		
61	146.1	148.9	188.9#
98	62.9	44.8	84.8

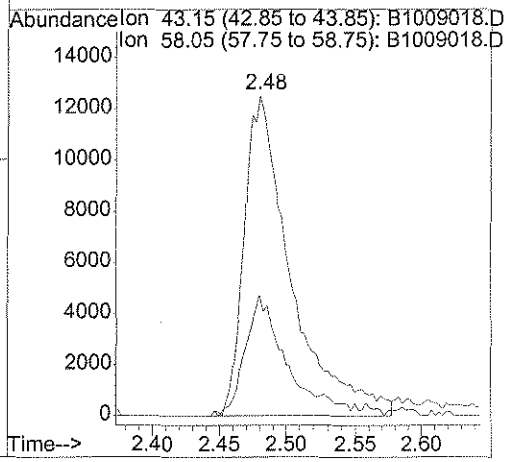


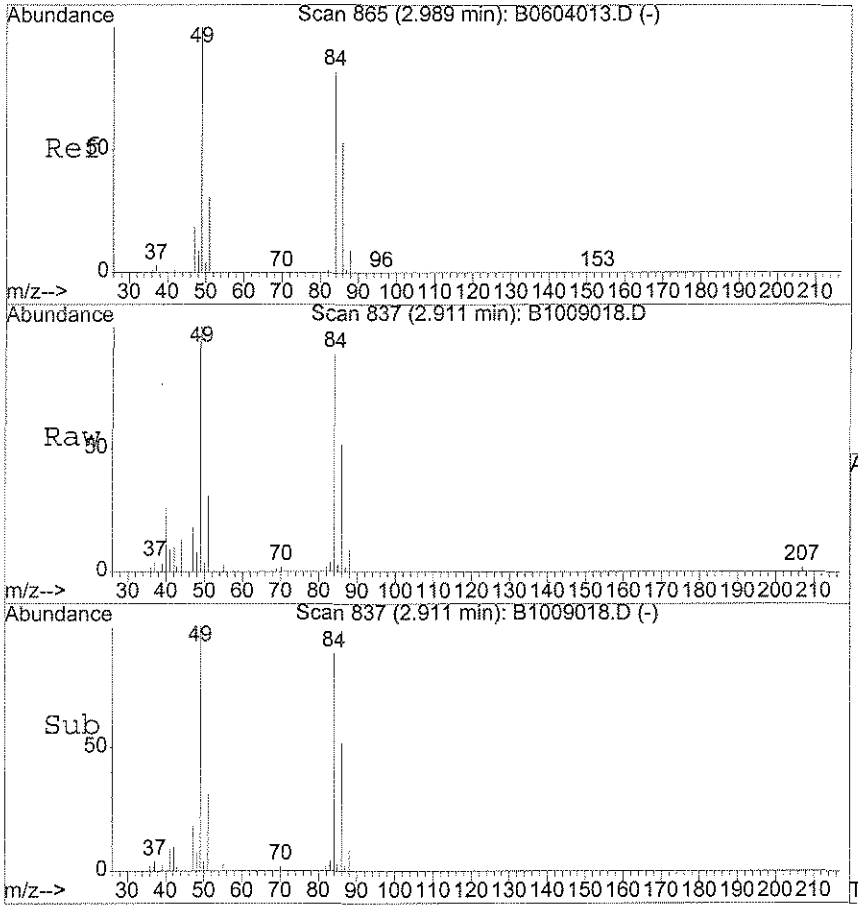


#11
Acetone
Concen: 27.36 ug/l
RT: 2.48 min Scan# 682
Delta R.T. 0.00 min
Lab File: B1009018.D
Acq: 9 Oct 2007 12:18

Tgt Ion: 43 Resp: 30366

Ion	Ratio	Lower	Upper
43	100		
58	30.8	22.0	33.0

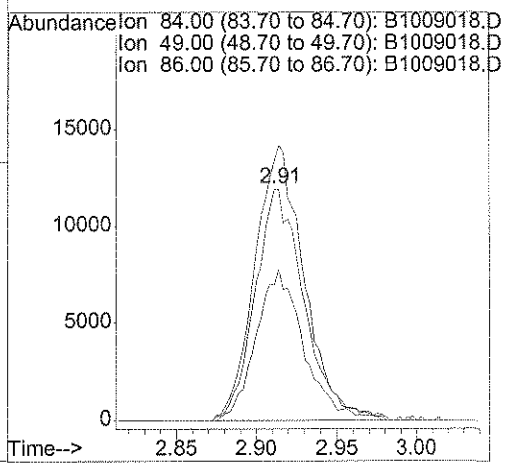


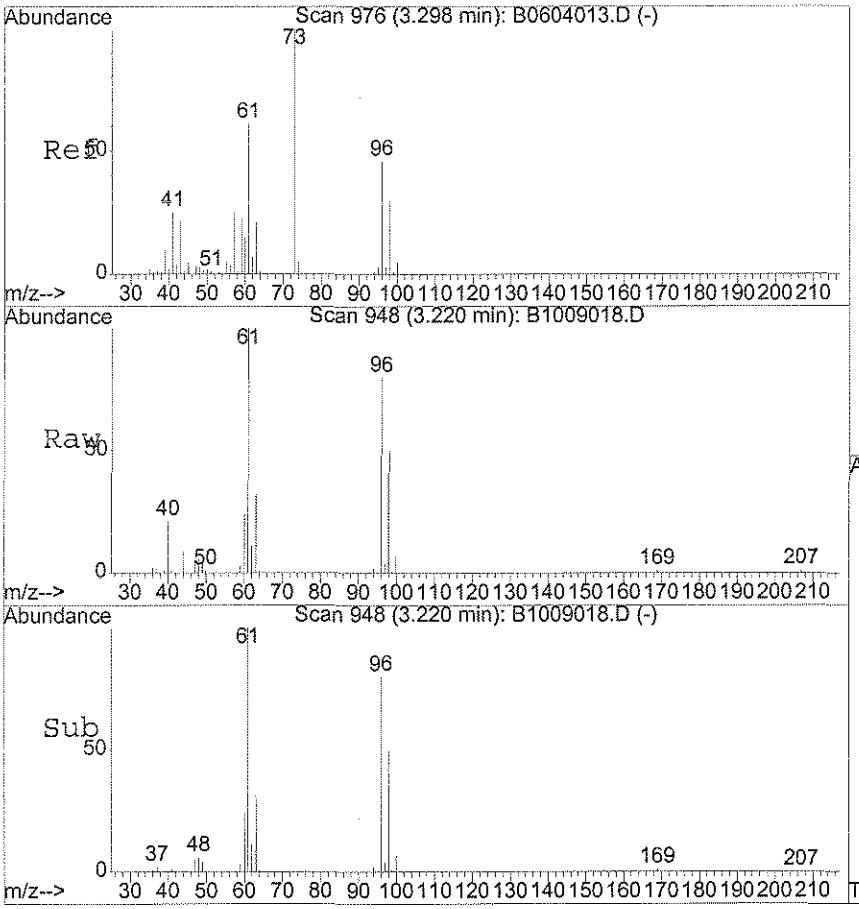


#18
Methylene Chloride
Concen: Below Cal
RT: 2.91 min Scan# 837
Delta R.T. 0.00 min
Lab File: B1009018.D
Acq: 9 Oct 2007 12:18

Tgt Ion: 84 Resp: 25373

Ion	Ratio	Lower	Upper
84	100		
49	119.9	113.6	153.6
86	62.9	45.8	85.8

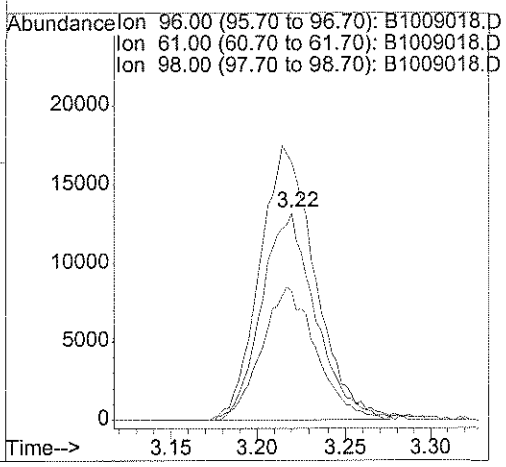


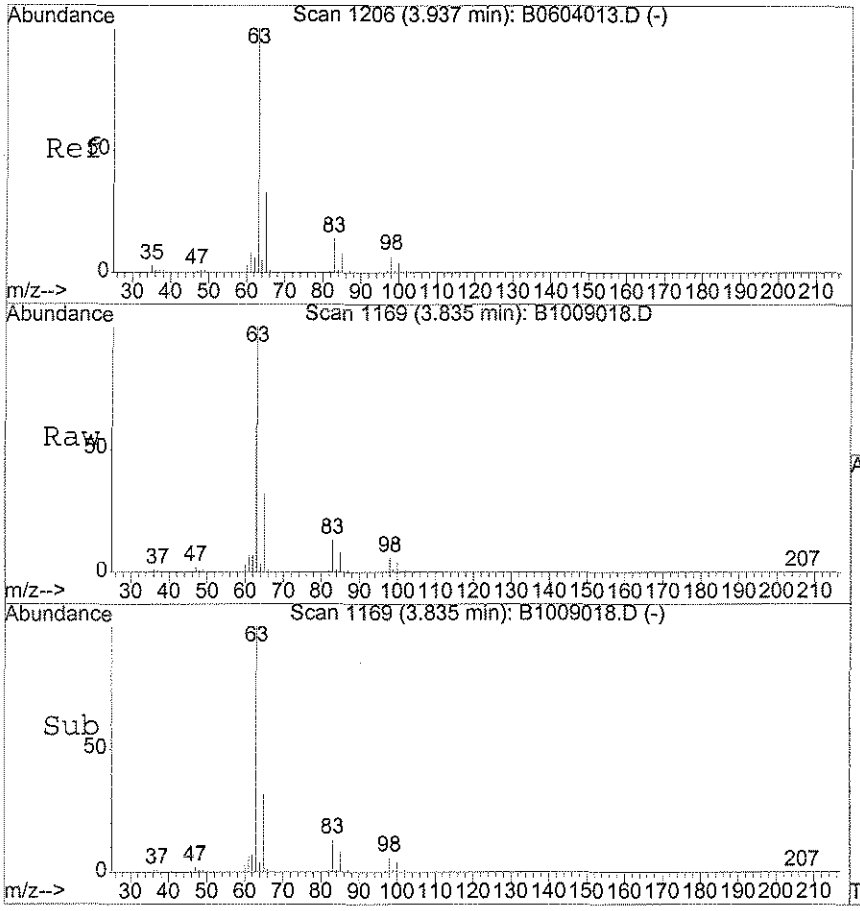


#19
trans-1,2-Dichloroethene
Concen: 8.83 ug/l
RT: 3.22 min Scan# 948
Delta R.T. 0.01 min
Lab File: B1009018.D
Acq: 9 Oct 2007 12:18

Tgt Ion: 96 Resp: 28376

Ion	Ratio	Lower	Upper
96	100		
61	136.6	130.0	170.0
98	64.4	42.9	82.9

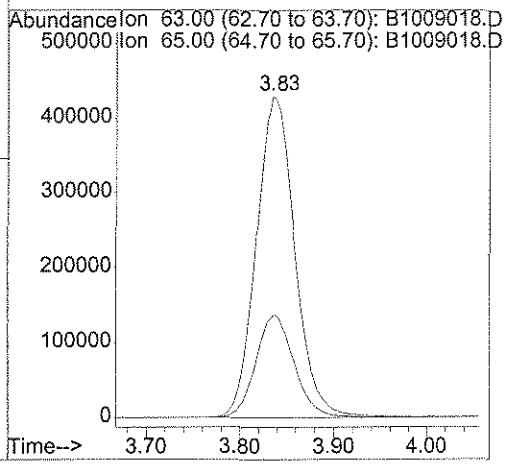


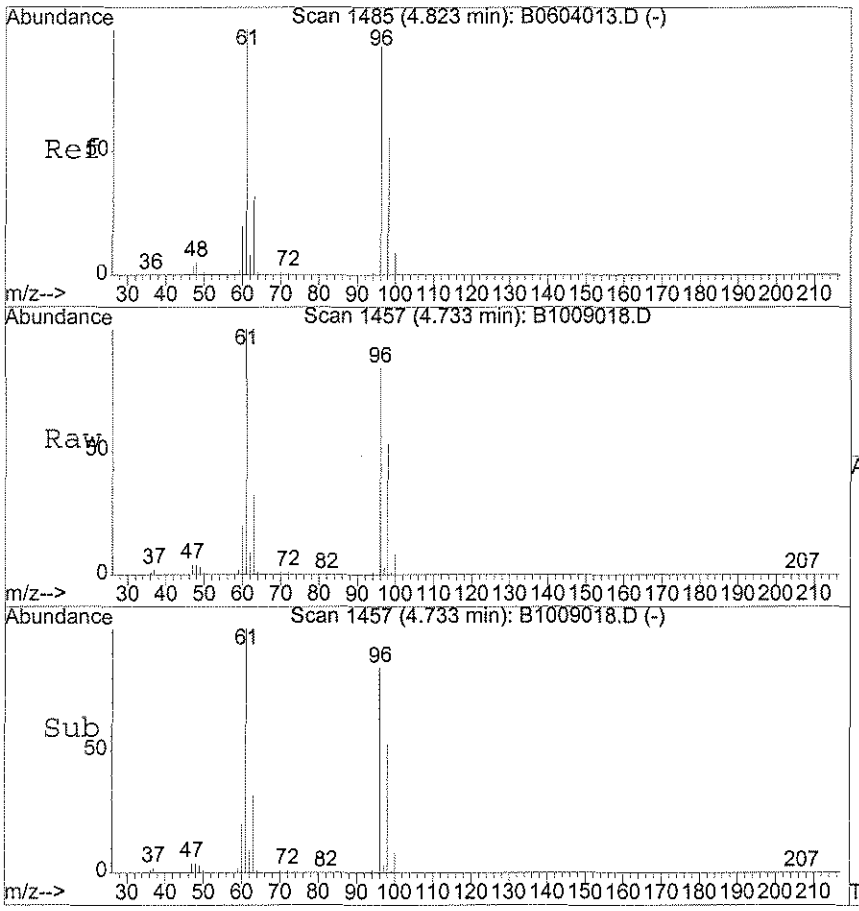


#23
1,1-Dichloroethane
Concen: 222.80 ug/l
RT: 3.83 min Scan# 1169
Delta R.T. 0.00 min
Lab File: B1009018.D
Acq: 9 Oct 2007 12:18

Tgt Ion: 63 Resp: 1230863

Ion	Ratio	Lower	Upper
63	100		
65	31.9	10.2	50.2

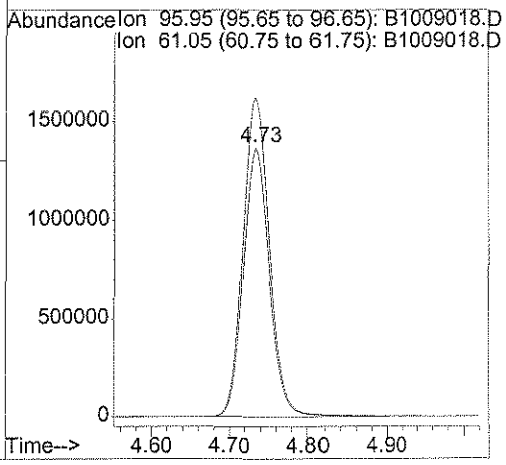


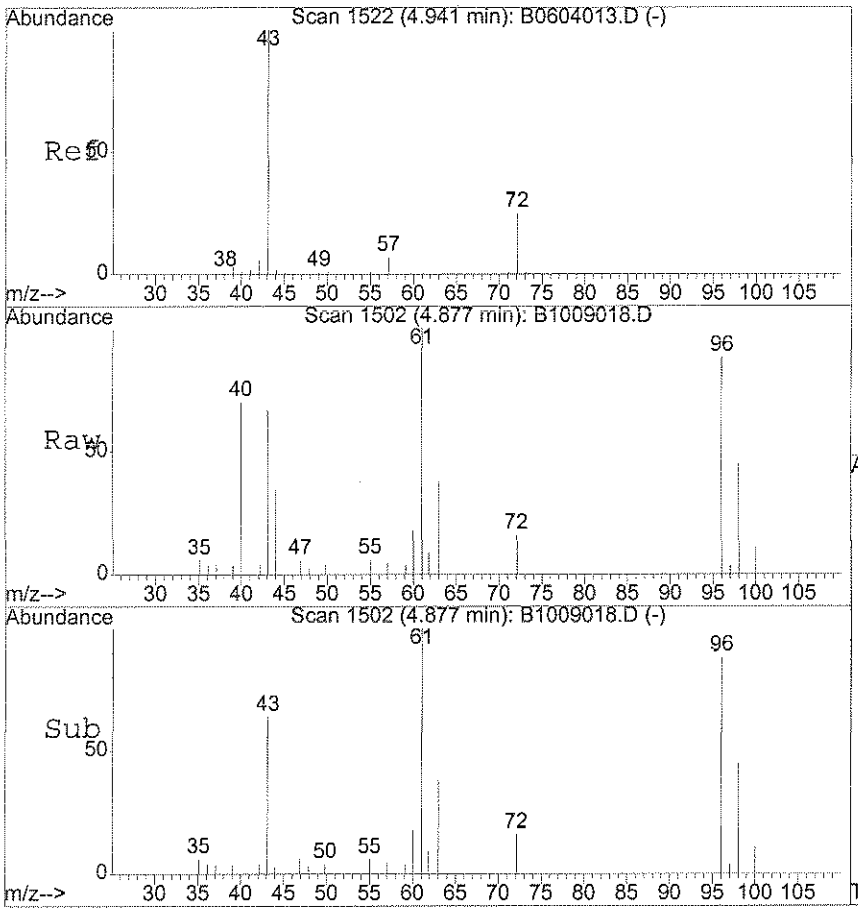


#29
cis-1,2-Dichloroethene
Concen: 883.65 ug/l
RT: 4.73 min Scan# 1457
Delta R.T. -0.00 min
Lab File: B1009018.D
Acq: 9 Oct 2007 12:18

Tgt Ion: 96 Resp: 3212167

Ion	Ratio	Lower	Upper
96	100		
61	120.1	107.4	161.0

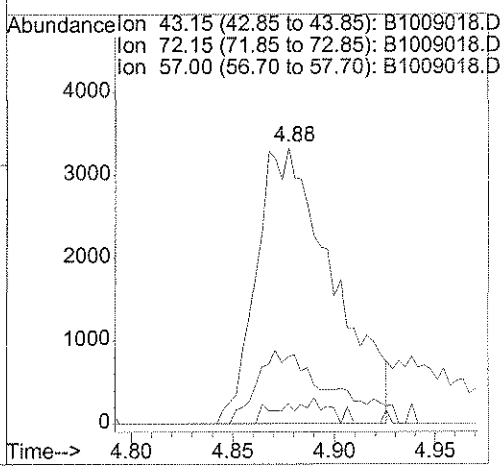


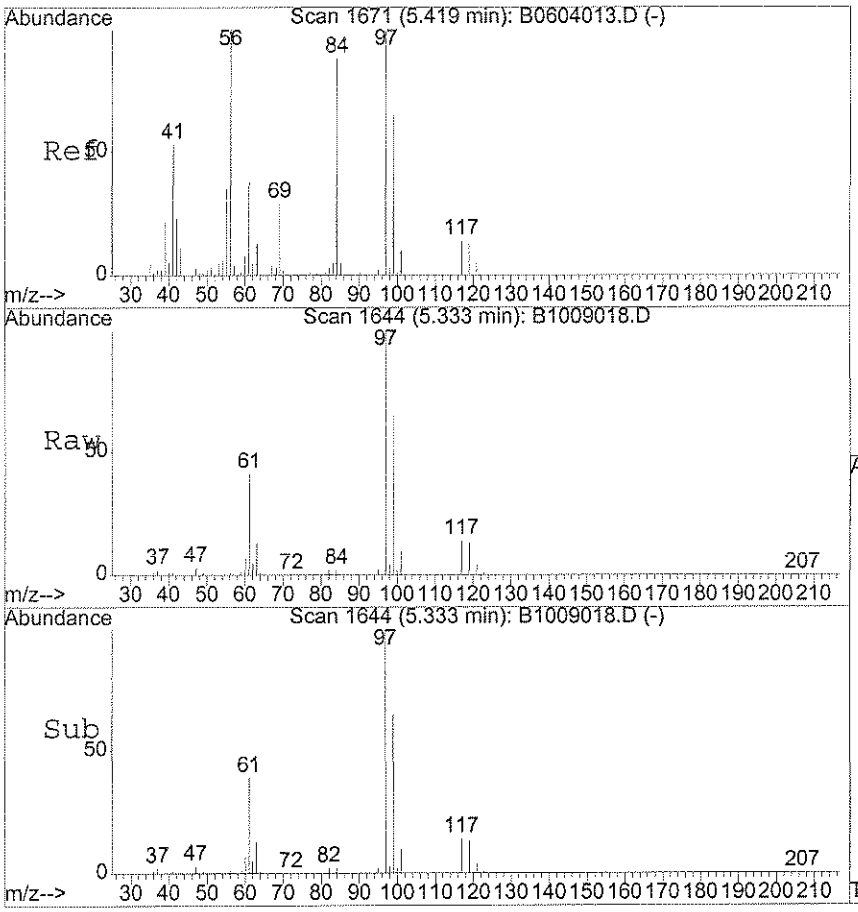


#30
2-Butanone
Concen: 5.38 ug/l m
RT: 4.88 min Scan# 1502
Delta R.T. 0.02 min
Lab File: B1009018.D
Acq: 9 Oct 2007 12:18

Tgt Ion: 43 Resp: 8676

Ion	Ratio	Lower	Upper
43	100		
72	19.4	16.7	25.1
57	1.5	6.1	9.1#

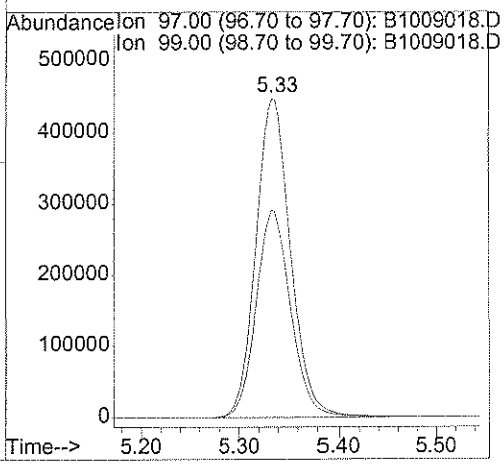


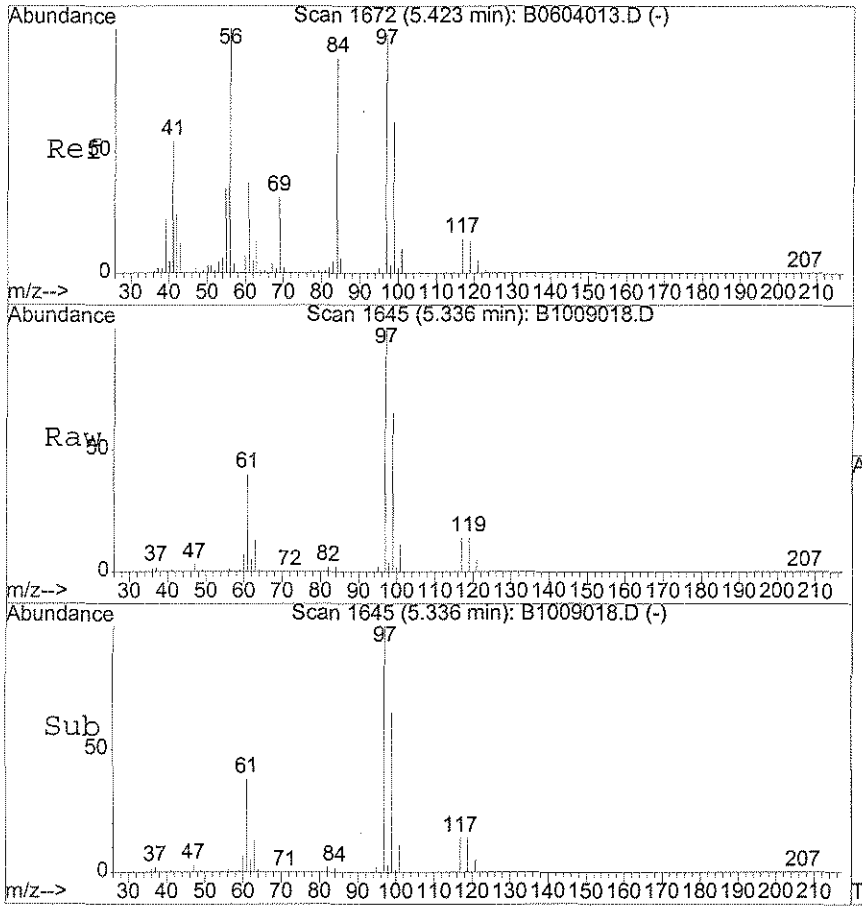


#35
1,1,1-Trichloroethane
Concen: 256.90 ug/l
RT: 5.33 min Scan# 1644
Delta R.T. 0.00 min
Lab File: B1009018.D
Acq: 9 Oct 2007 12:18

Tgt Ion: 97 Resp: 1104418

Ion	Ratio	Lower	Upper
97	100		
99	64.7	40.3	80.3

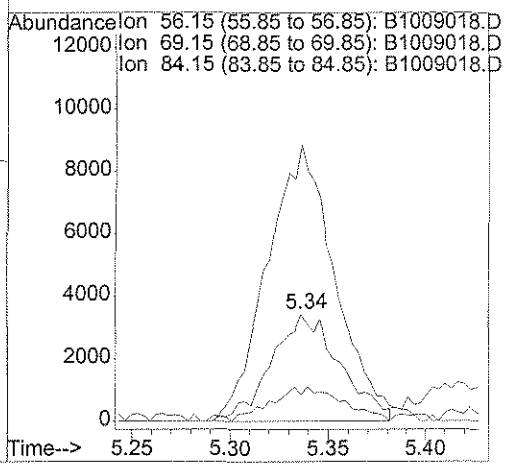


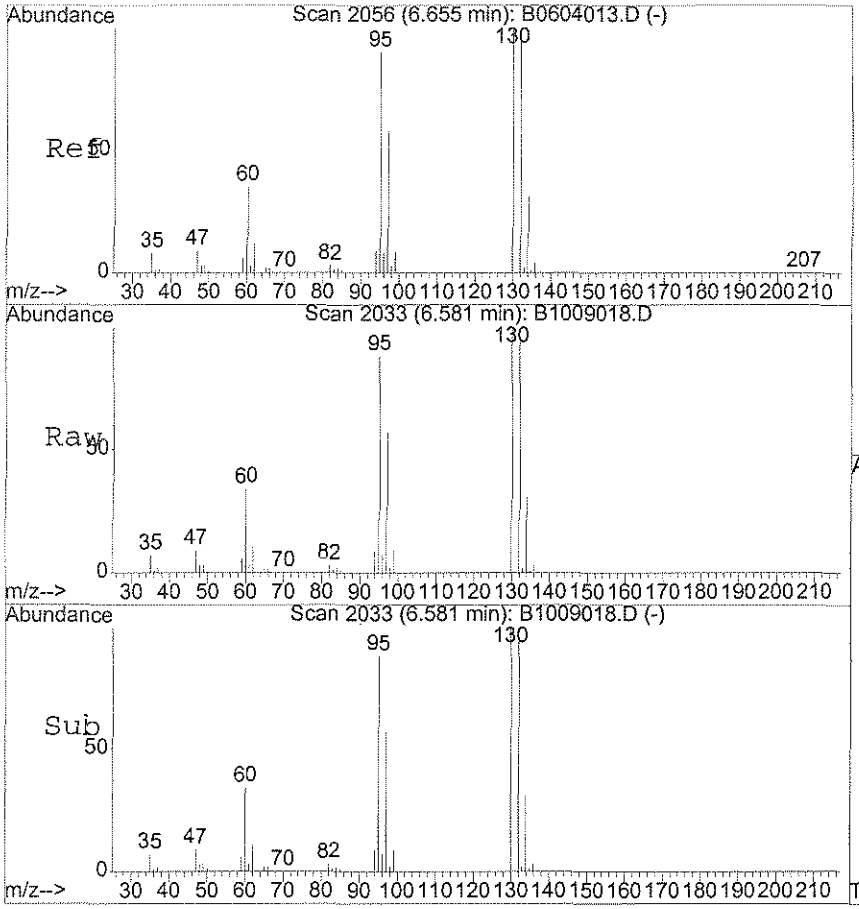


#36
Cyclohexane
Concen: 1.73 ug/l
RT: 5.34 min Scan# 1645
Delta R.T. -0.00 min
Lab File: B1009018.D
Acq: 9 Oct 2007 12:18

Tgt Ion: 56 Resp: 8247

Ion	Ratio	Lower	Upper
56	100		
69	15.3	24.2	36.4#
84	258.7	67.4	101.2#

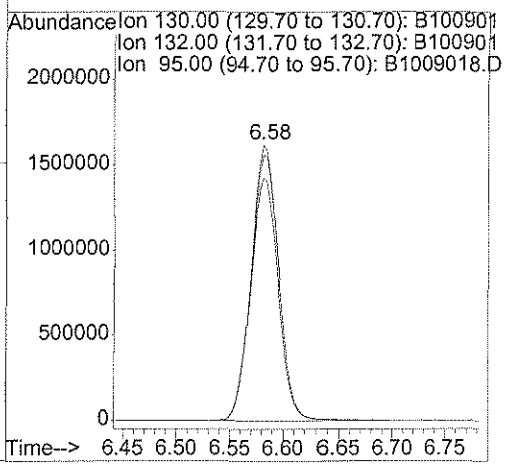


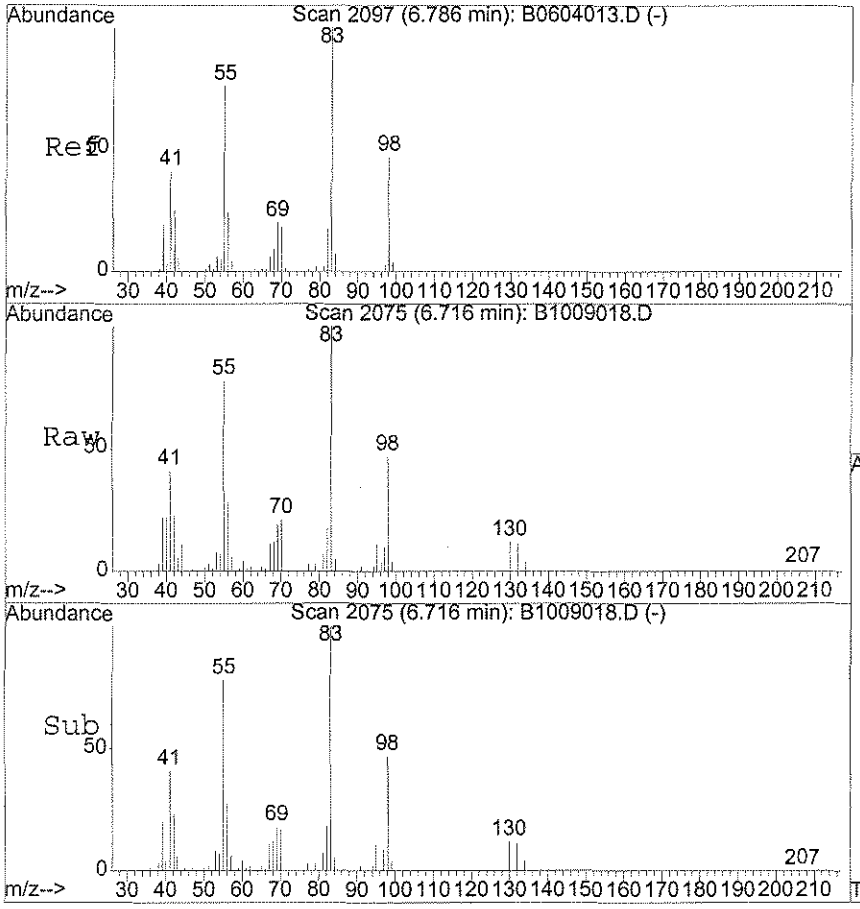


#45
Trichloroethene
Concen: 882.88 ug/l
RT: 6.58 min Scan# 2033
Delta R.T. -0.00 min
Lab File: B1009018.D
Acq: 9 Oct 2007 12:18

Tgt Ion:130 Resp: 2919801

Ion	Ratio	Lower	Upper
130	100		
132	96.6	80.2	120.2
95	88.6	75.8	115.8

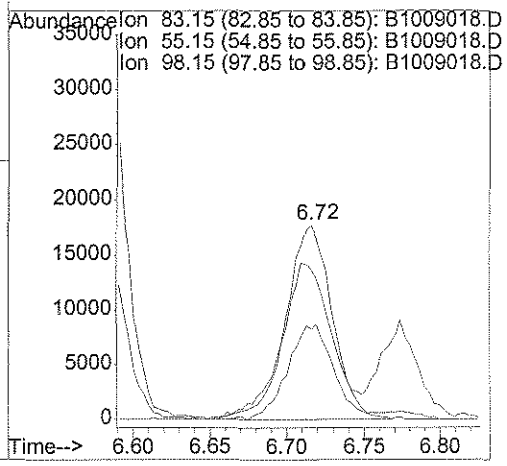


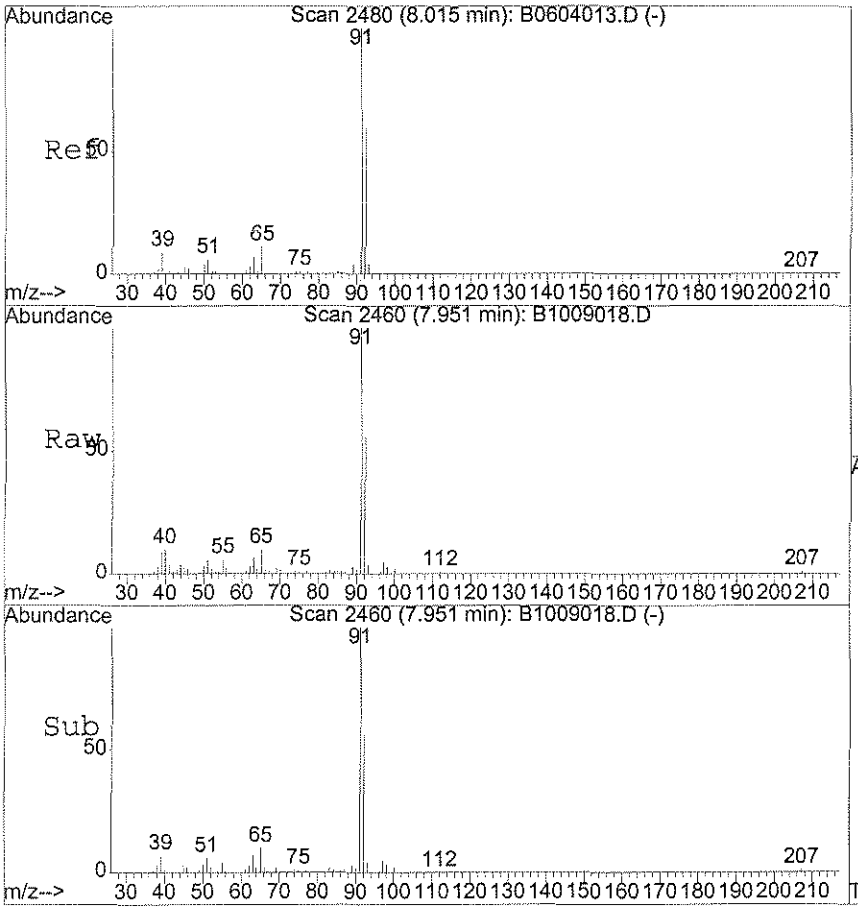


#46
Methylcyclohexane
Concen: 7.46 ug/l
RT: 6.72 min Scan# 2075
Delta R.T. 0.00 min
Lab File: B1009018.D
Acq: 9 Oct 2007 12:18

Tgt Ion: 83 Resp: 37241

Ion	Ratio	Lower	Upper
83	100		
55	87.7	62.1	93.1
98	45.6	36.2	54.2

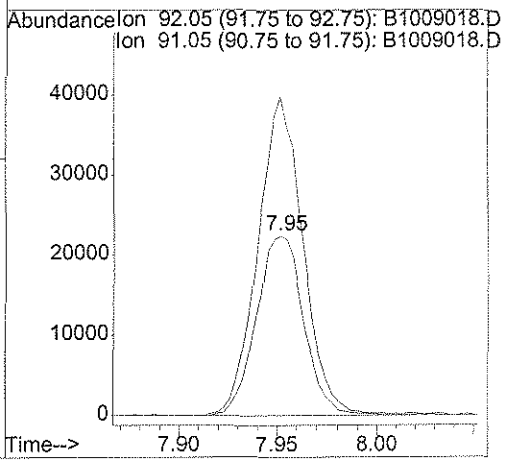


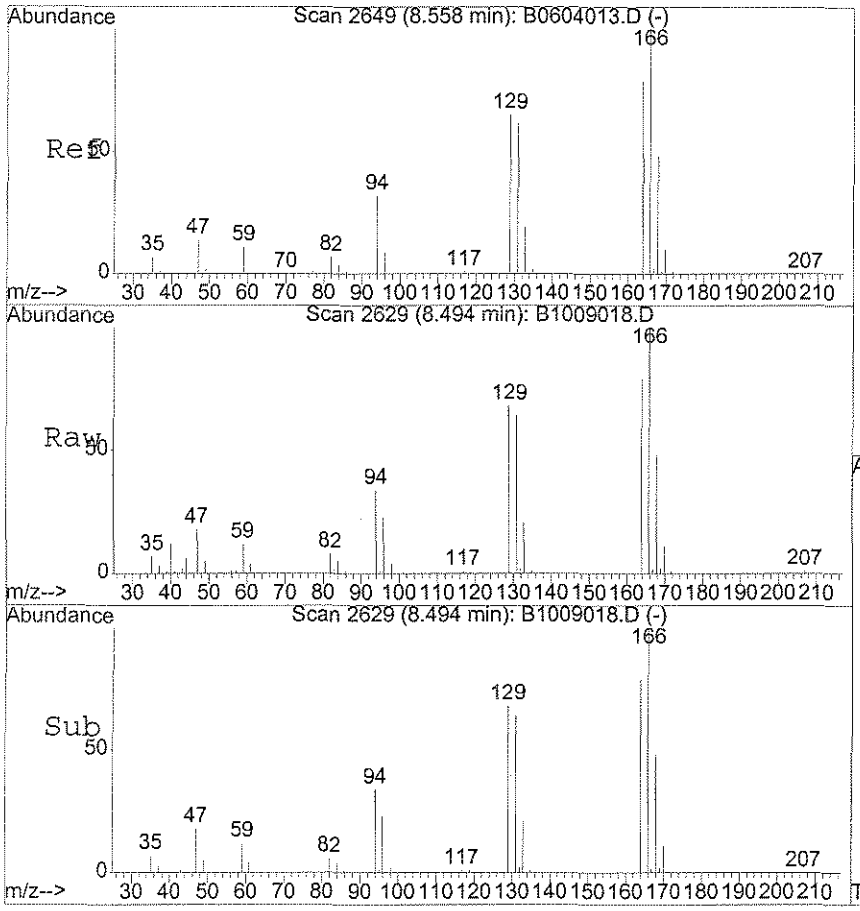


#56
Toluene
Concen: 5.19 ug/l
RT: 7.95 min Scan# 2460
Delta R.T. 0.00 min
Lab File: B1009018.D
Acq: 9 Oct 2007 12:18

Tgt Ion: 92 Resp: 37286

Ion	Ratio	Lower	Upper
92	100		
91	170.1	137.6	206.4

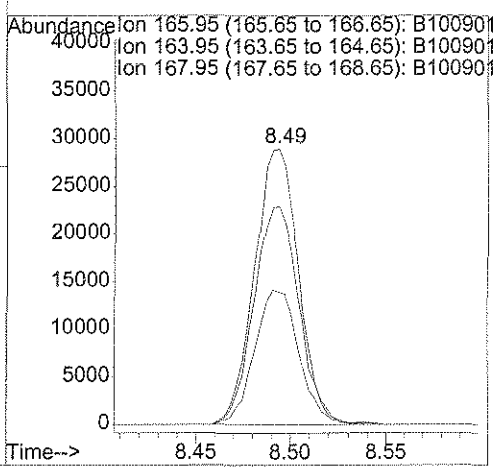


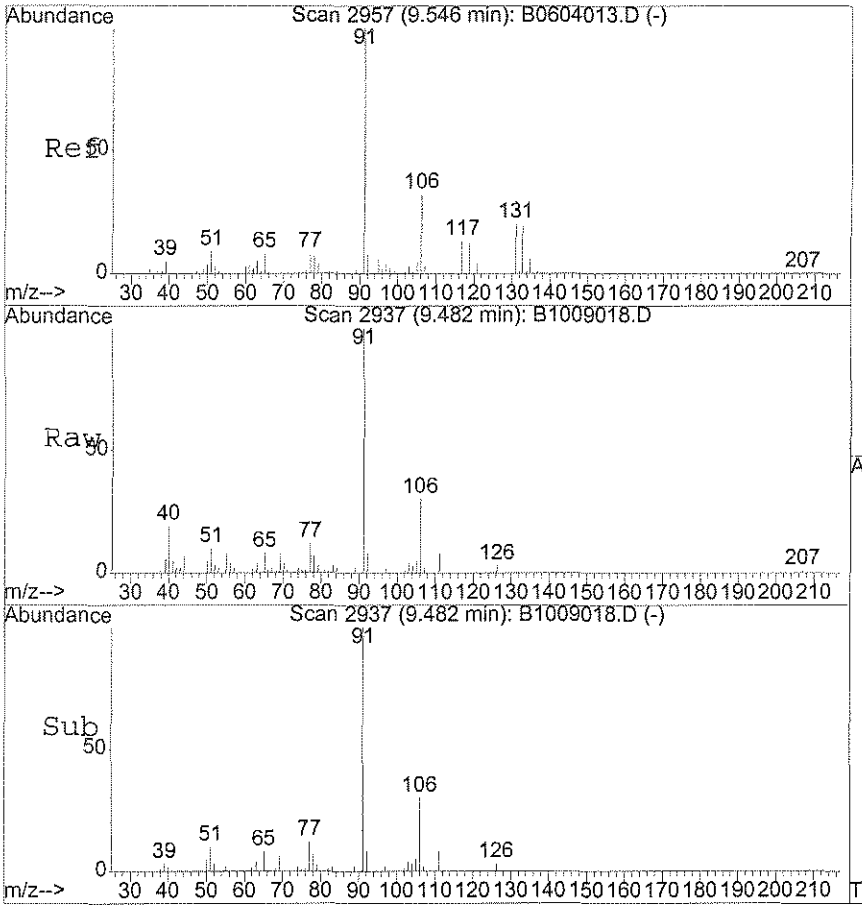


#60
Tetrachloroethene
Concen: 14.94 ug/l
RT: 8.49 min Scan# 2629
Delta R.T. 0.00 min
Lab File: B1009018.D
Acq: 9 Oct 2007 12:18

Tgt Ion:166 Resp: 47359

Ion	Ratio	Lower	Upper
166	100		
164	80.3	65.6	98.4
168	48.9	41.1	61.7

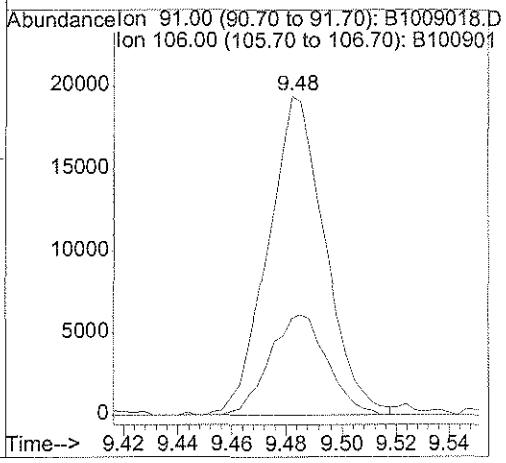


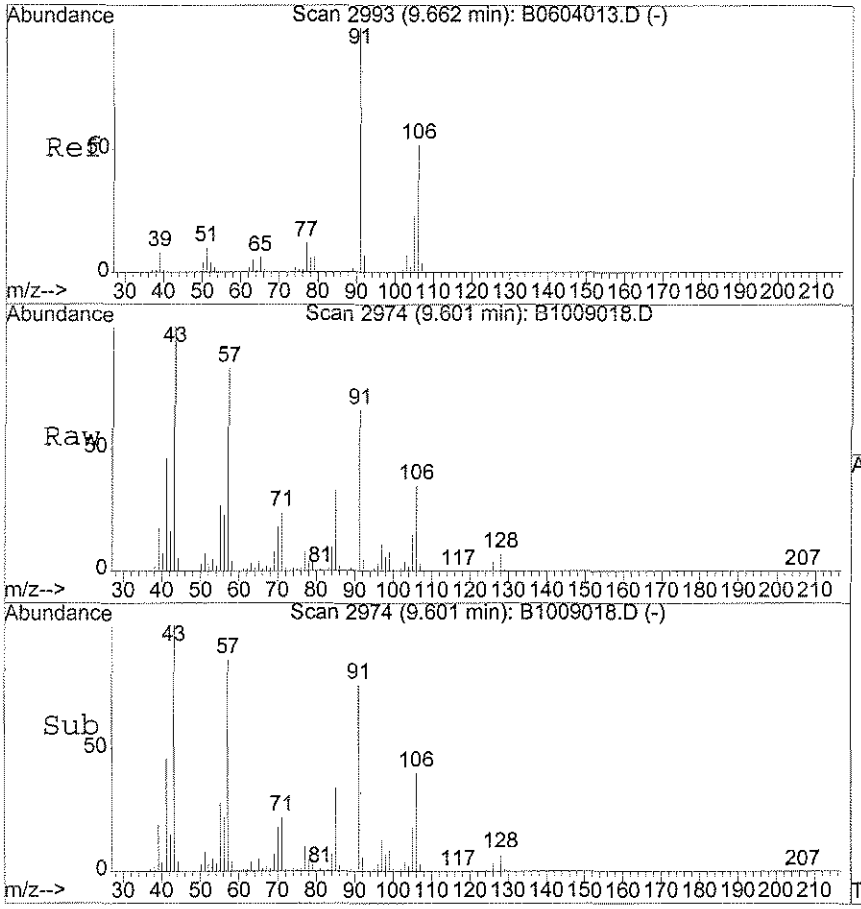


#68
Ethylbenzene
Concen: 2.00 ug/l
RT: 9.48 min Scan# 2937
Delta R.T. -0.00 min
Lab File: B1009018.D
Acq: 9 Oct 2007 12:18

Tgt Ion: 91 Resp: 27956

Ion	Ratio	Lower	Upper
91	100		
106	30.3	25.6	38.4

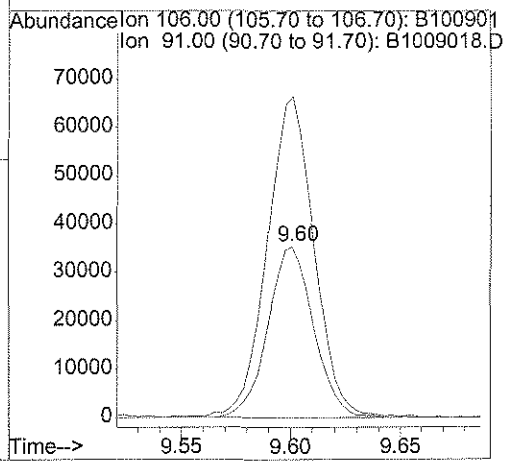


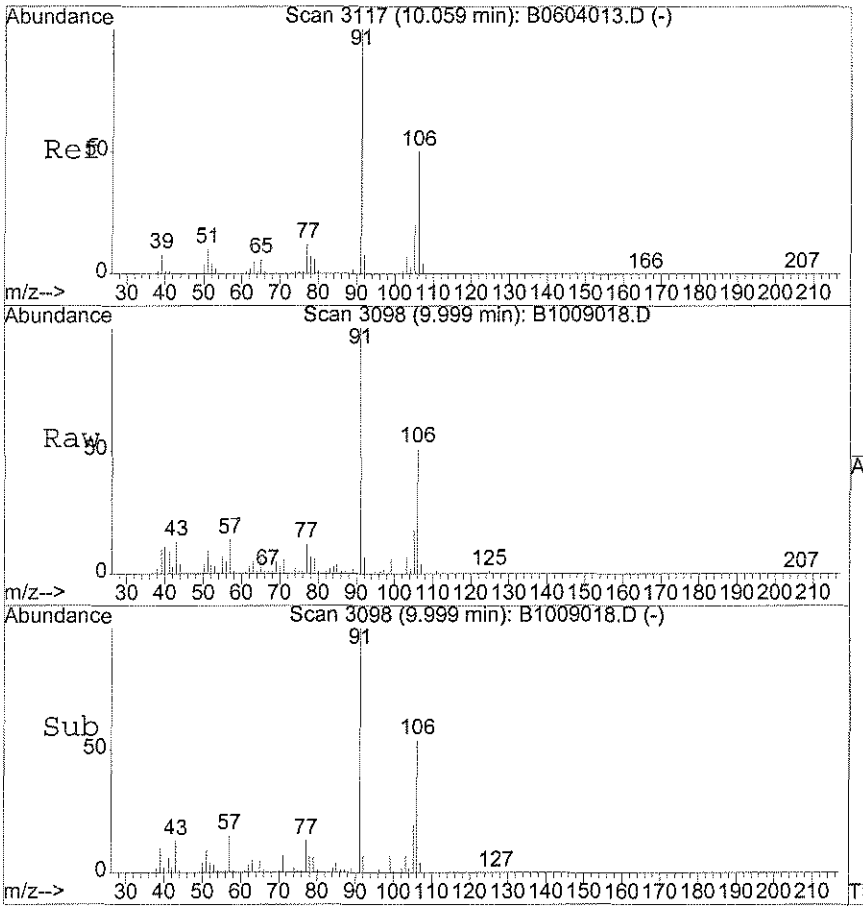


#69
m,p-Xylene
Concen: 9.13 ug/l
RT: 9.60 min Scan# 2974
Delta R.T. 0.00 min
Lab File: B1009018.D
Acq: 9 Oct 2007 12:18

Tgt Ion:106 Resp: 51365

Ion	Ratio	Lower	Upper
106	100		
91	189.7	174.3	214.3

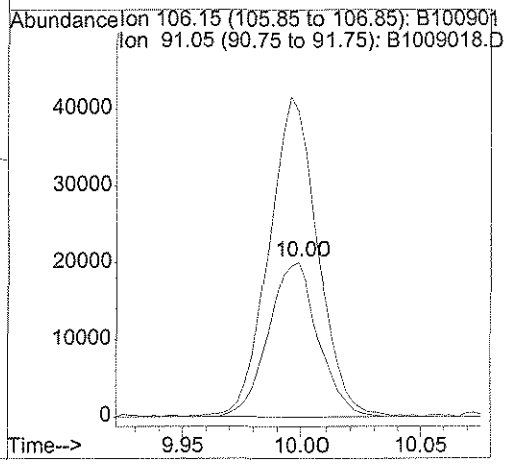


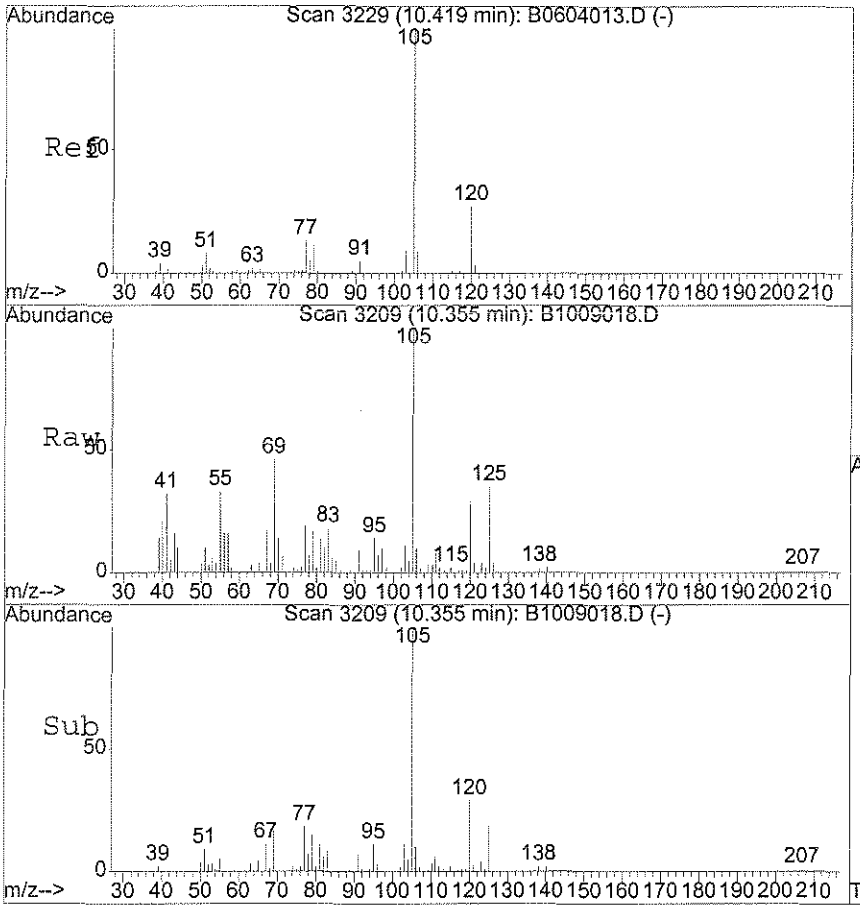


#70
o-xylene
Concen: 4.90 ug/l
RT: 10.00 min Scan# 3098
Delta R.T. 0.00 min
Lab File: B1009018.D
Acq: 9 Oct 2007 12:18

Tgt Ion:106 Resp: 28933

Ion	Ratio	Lower	Upper
106	100		
91	203.7	165.9	248.9

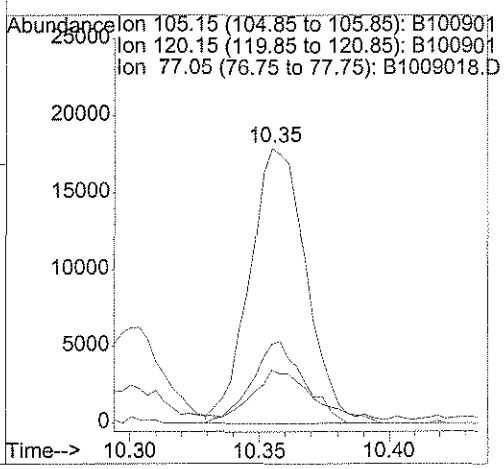


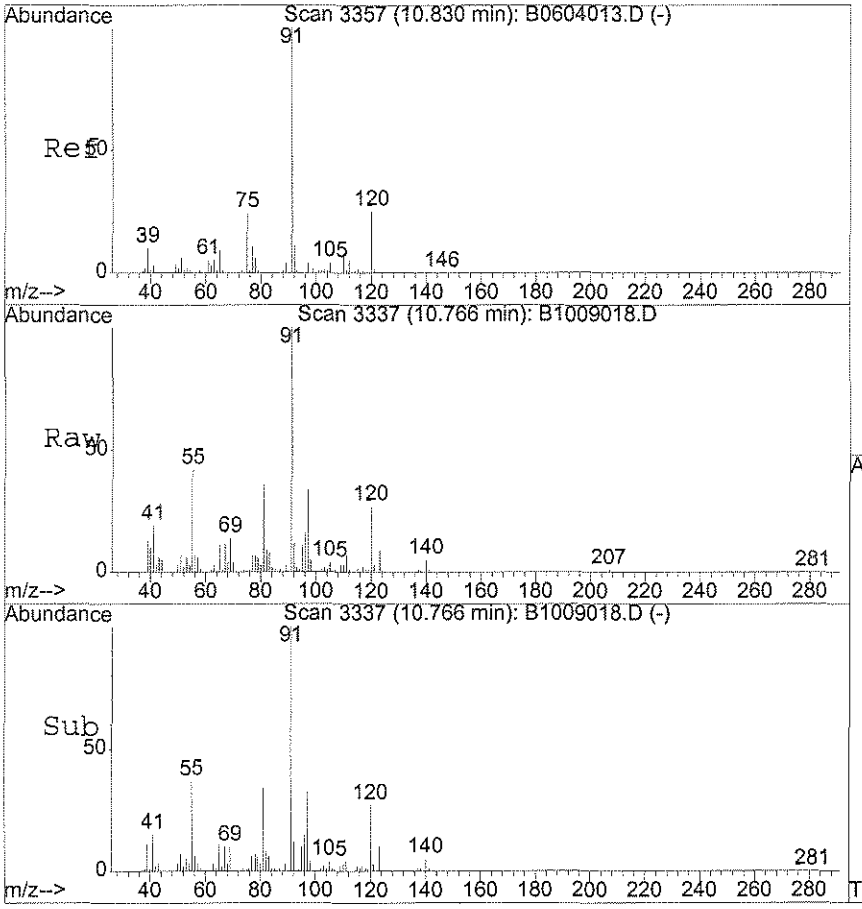


#73
Isopropylbenzene
Concen: 2.01 ug/l
RT: 10.35 min Scan# 3209
Delta R.T. -0.00 min
Lab File: B1009018.D
Acq: 9 Oct 2007 12:18

Tgt Ion:105 Resp: 27291

Ion	Ratio	Lower	Upper
105	100		
120	27.1	22.1	33.1
77	18.1	11.8	17.8#

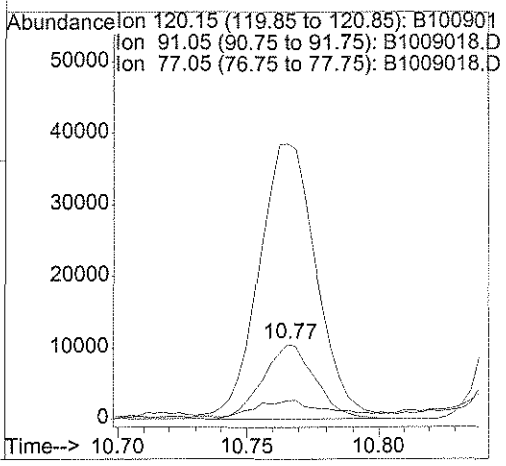


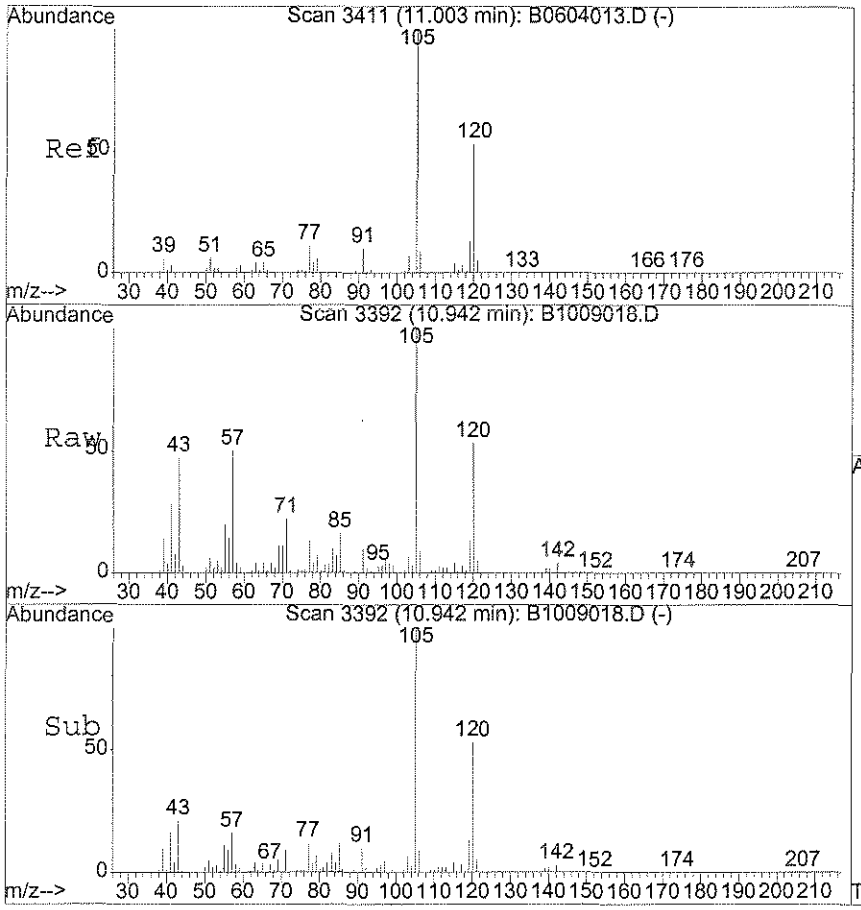


#80
n-Propylbenzene
Concen: 4.61 ug/l
RT: 10.77 min Scan# 3337
Delta R.T. 0.00 min
Lab File: B1009018.D
Acq: 9 Oct 2007 12:18

Tgt Ion:120 Resp: 14508

Ion	Ratio	Lower	Upper
120	100		
91	392.9	316.6	474.8
77	32.9	35.0	52.4#

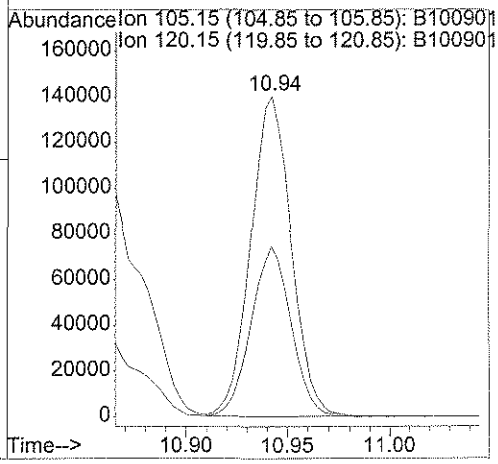


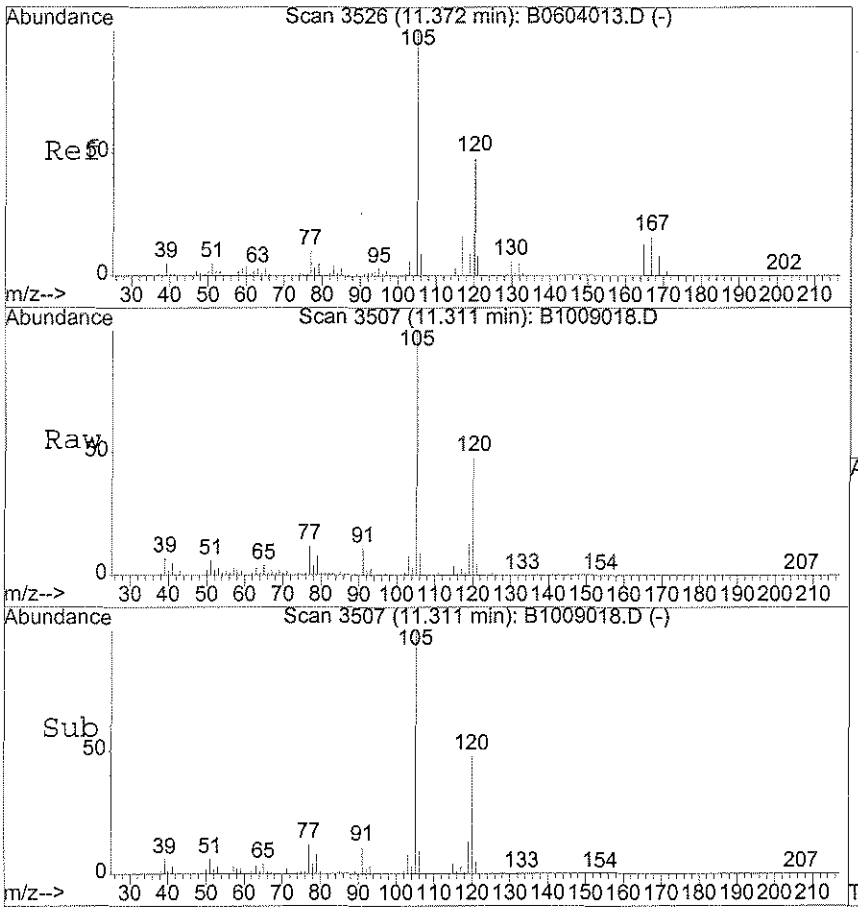


#83
1,3,5-Trimethylbenzene
Concen: 19.15 ug/l
RT: 10.94 min Scan# 3392
Delta R.T. 0.00 min
Lab File: B1009018.D
Acq: 9 Oct 2007 12:18

Tgt Ion:105 Resp: 196066

Ion	Ratio	Lower	Upper
105	100		
120	52.6	40.6	60.8

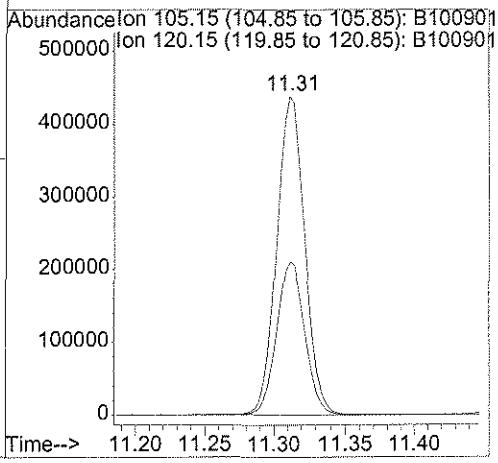


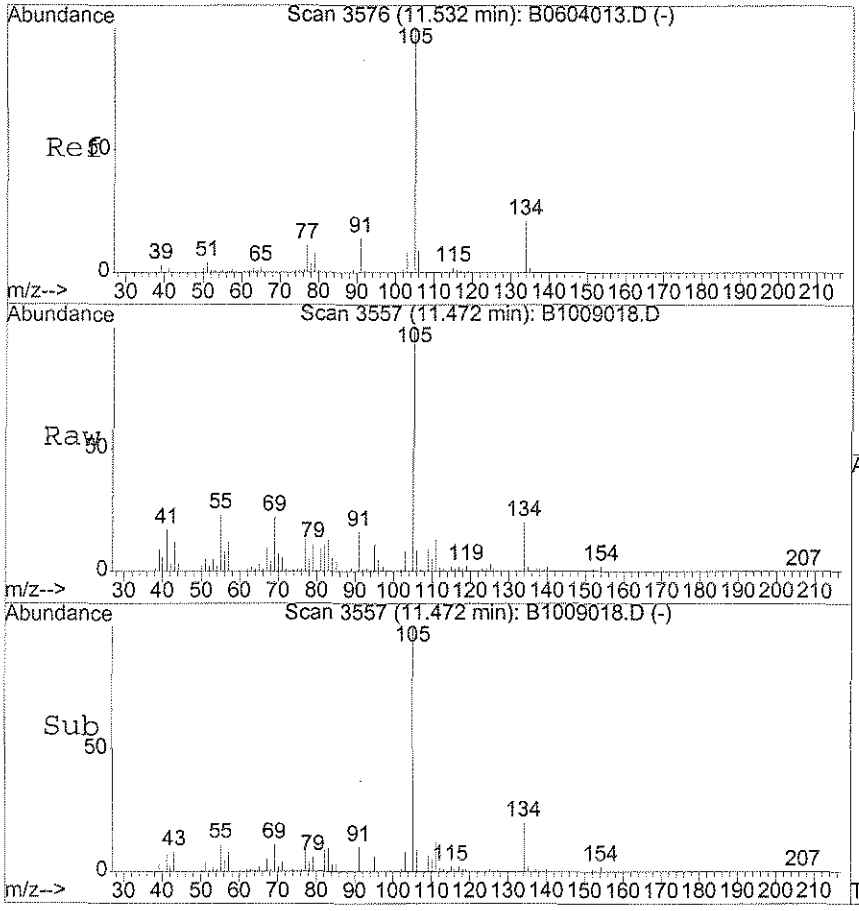


#85
1,2,4-Trimethylbenzene
Concen: 57.83 ug/l
RT: 11.31 min Scan# 3507
Delta R.T. -0.00 min
Lab File: B1009018.D
Acq: 9 Oct 2007 12:18

Tgt Ion:105 Resp: 614692

Ion	Ratio	Lower	Upper
105	100		
120	48.2	37.9	56.9

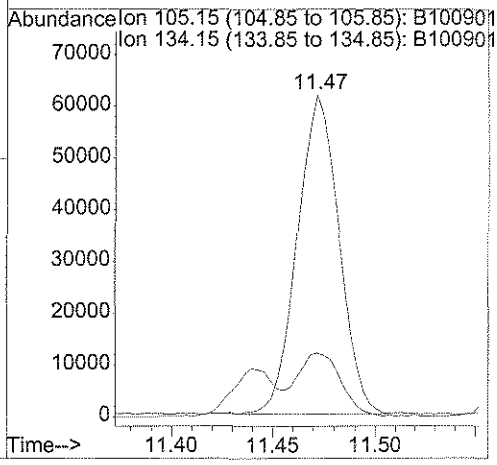


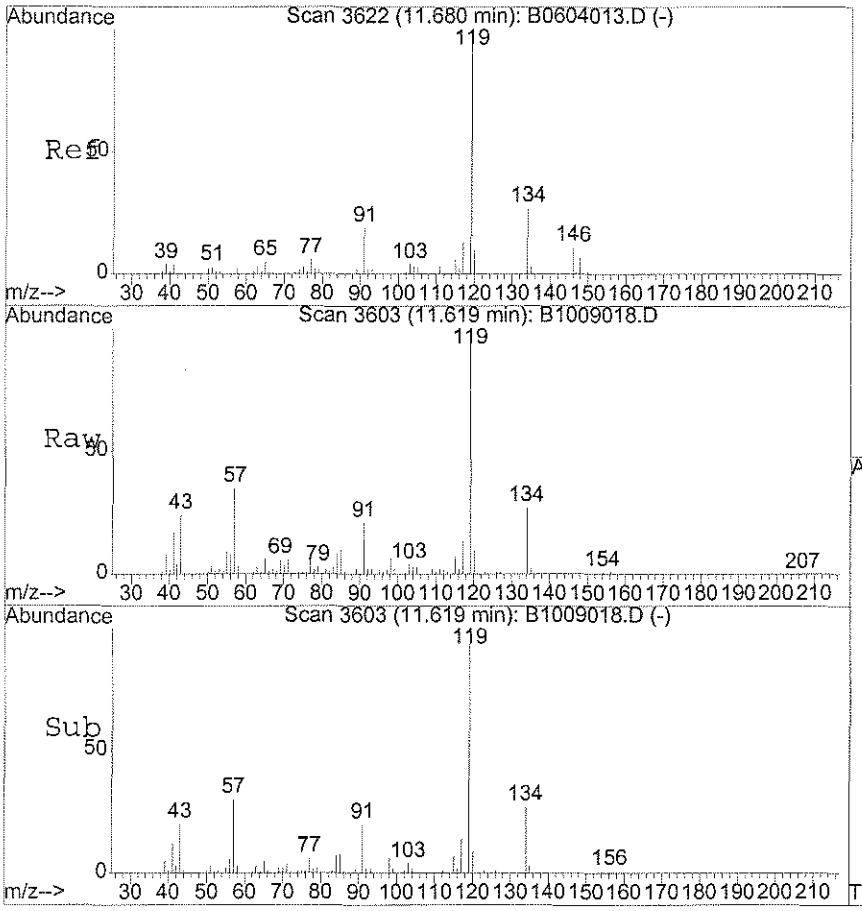


#86
sec-butylbenzene
Concen: 7.04 ug/l
RT: 11.47 min Scan# 3557
Delta R.T. 0.00 min
Lab File: B1009018.D
Acq: 9 Oct 2007 12:18

Tgt Ion:105 Resp: 86556

Ion	Ratio	Lower	Upper
105	100		
134	20.6	17.1	25.7

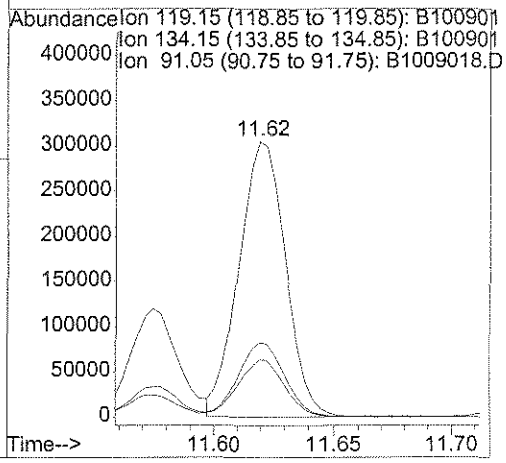


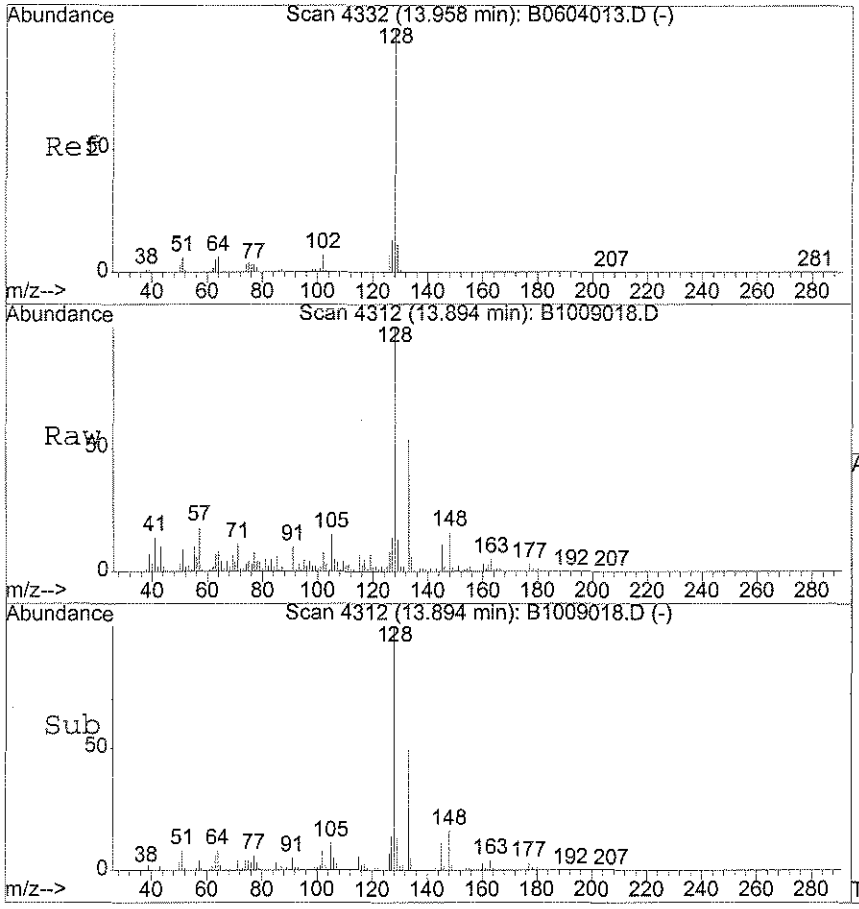


#88
4-Isopropyltoluene
Concen: 36.43 ug/l
RT: 11.62 min Scan# 3603
Delta R.T. -0.00 min
Lab File: B1009018.D
Acq: 9 Oct 2007 12:18

Tgt Ion:119 Resp: 419956

Ion	Ratio	Lower	Upper
119	100		
134	26.9	20.8	31.2
91	20.5	17.3	25.9

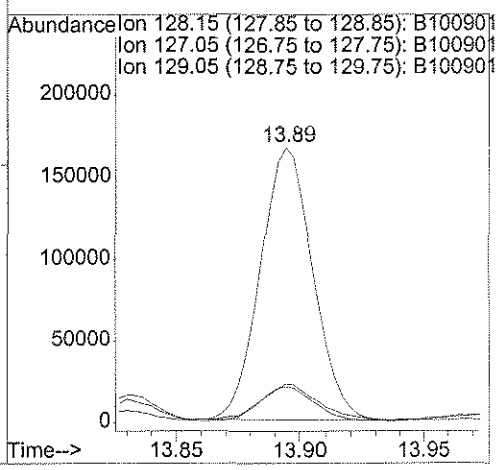




#95
Naphthalene
Concen: 21.12 ug/l
RT: 13.89 min Scan# 4312
Delta R.T. 0.00 min
Lab File: B1009018.D
Acq: 9 Oct 2007 12:18

Tgt Ion:128 Resp: 244725

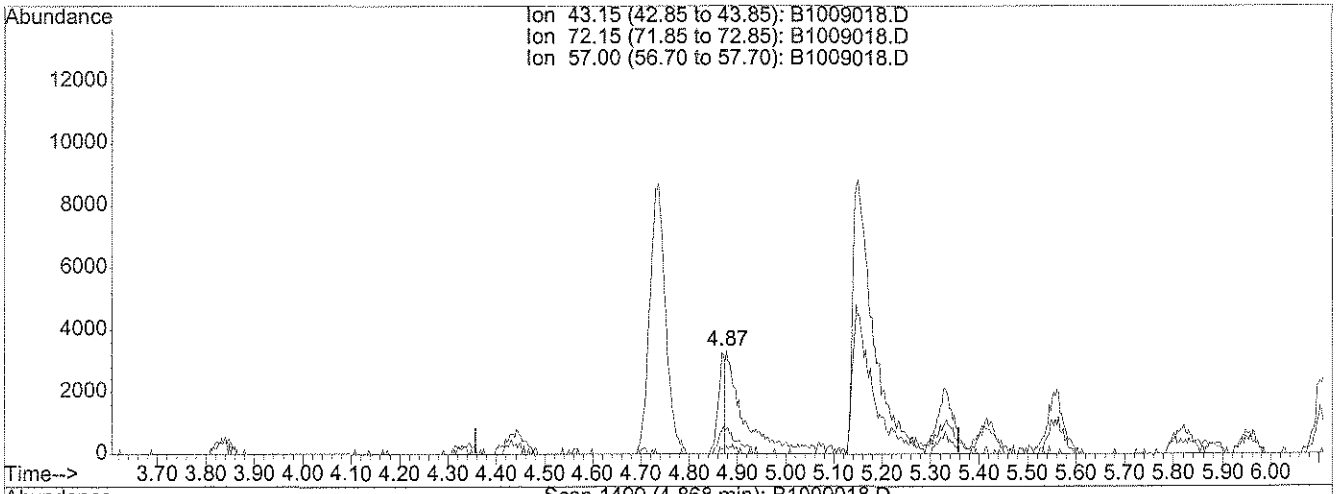
Ion	Ratio	Lower	Upper
128	100		
127	14.8	9.8	14.6#
129	14.0	8.4	12.6#

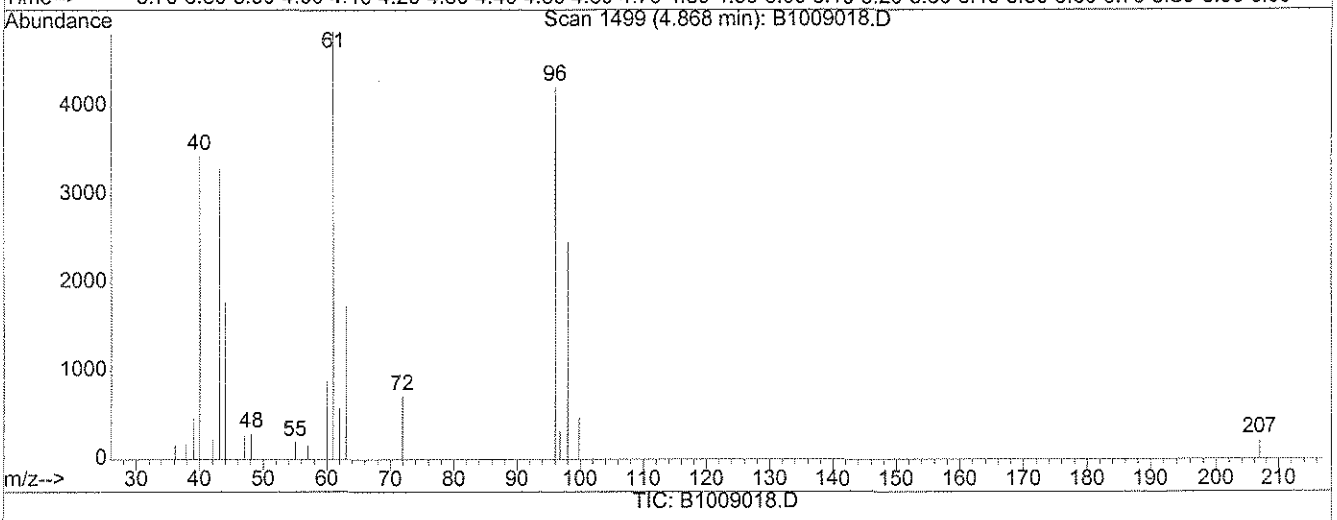


Quantitation Report (Qedit)

Data File : X:\MSVOA\BUDDHA\100907\B1009018.D Vial: 12
Acq On : 9 Oct 2007 12:18 Operator: LPM
Sample : TT02001-004 Inst : Buddha
Misc : #2 5.72GM+ 5ML PFW+IS/SS Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Oct 10 7:54 2007 Quant Results File: temp.res

Method : X:\MSVOA\BUDDHA\QUANT\B8260S.M (RTE Integrator)
Title : VOA 8260- 5ML Soil Calibration 5973B
Last Update : Fri Sep 28 16:30:36 2007
Response via : Multiple Level Calibration





(30) 2-Butanone (T)

4.87min 1.97ug/l

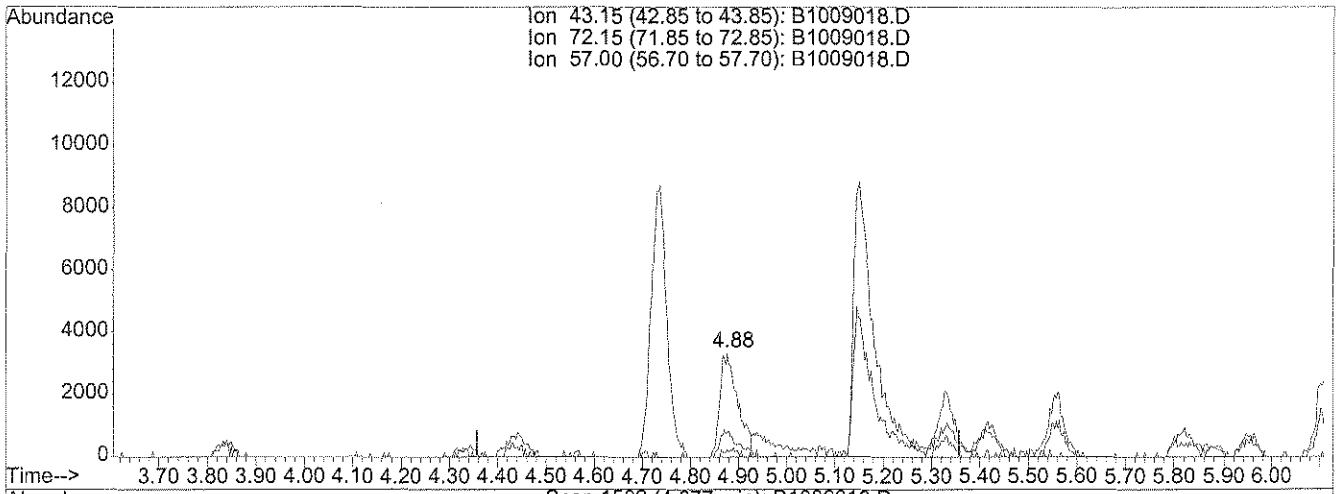
response 3185

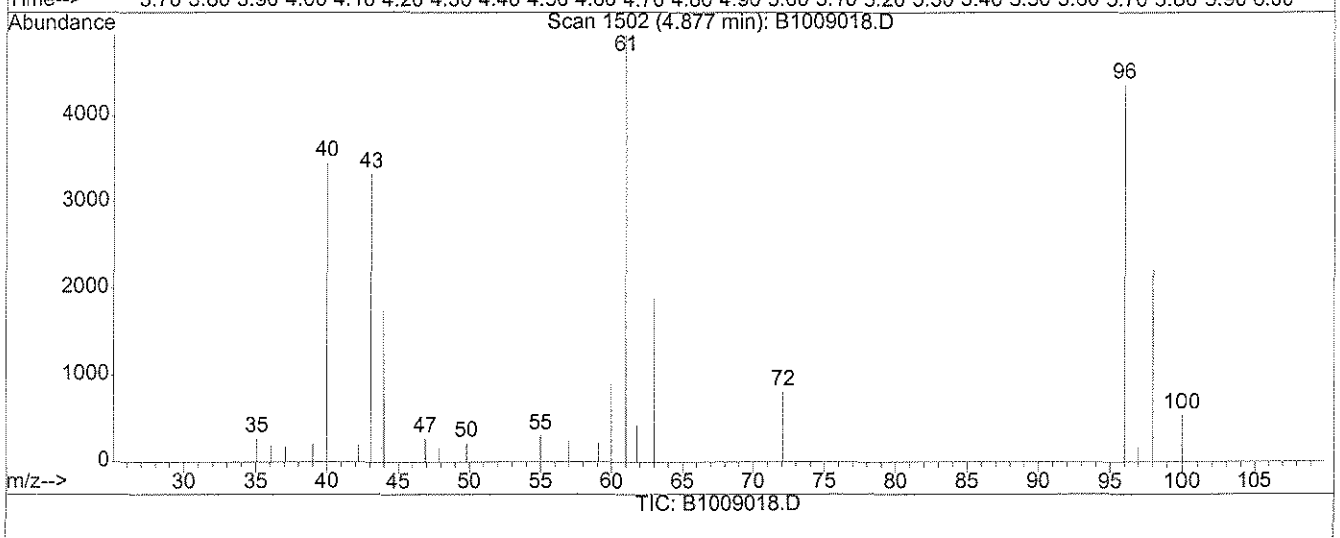
Ion	Exp%	Act%
43.15	100	100
72.15	20.90	52.81#
57.00	7.60	4.18#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data File : X:\MSVOA\BUDDHA\100907\B1009018.D Vial: 12
Acq On : 9 Oct 2007 12:18 Operator: LPM
Sample : TT02001-004 Inst : Buddha
Misc : #2 5.72GM+ 5ML PFW+IS/SS Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Oct 10 7:54 2007 Quant Results File: temp.res

Method : X:\MSVOA\BUDDHA\QUANT\B8260S.M (RTE Integrator)
Title : VOA 8260- 5ML Soil Calibration 5973B
Last Update : Fri Sep 28 16:30:36 2007
Response via : Multiple Level Calibration





(30) 2-Butanone (T)

4.88min 5.38ug/l m

response 8676

Ion	Exp%	Act%
43.15	100	100
72.15	20.90	19.39
57.00	7.60	1.53#
0.00	0.00	0.00

1

VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

08SSW004DL

Lab Name: _____ Contract: _____

SDG No.: TT02001 Run Sequence: R022374

Matrix: (SOIL/SED/WATER) Soil Lab Sample ID: TT02001-004DL

Sample wt/vol: 0.46 (g/mL) gm Lab File ID: B1010019.D

Level: (LOW/MED) _____ Date Collected: 10/03/2007

% Moisture: not dec. 15.0 Date/Time Analyzed: 10/10/2007 13:39

GC Column: ZB-624 20m ID: 0.18 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____(uL) Soil Aliquot Volume: _____(uL)

Heated Purge: (Y/N) Y

CAS NO.	COMPOUND	CONCENTRATION UNITS: ug/kg	Q
1330-20-7	XYLENES, TOTAL	13	U
75-71-8	DICHLORODIFLUOROMETHANE	13	U
74-87-3	CHLOROMETHANE	13	U
75-01-4	VINYL CHLORIDE	13	U
74-83-9	BROMOMETHANE	13	U
75-00-3	CHLOROETHANE	15	J
75-69-4	TRICHLOROFLUOROMETHANE	13	U
75-35-4	1,1-DICHLOROETHENE	13	U
76-13-1	1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	13	U
67-64-1	ACETONE	100	JB
75-15-0	CARBON DISULFIDE	13	U
79-20-9	METHYL ACETATE	13	U
75-09-2	METHYLENE CHLORIDE	60	B
1634-04-4	METHYL TERT-BUTYL ETHER	13	U
156-60-5	TRANS-1,2-DICHLOROETHENE	13	U
75-34-3	1,1-DICHLOROETHANE	33	J
156-59-2	CIS-1,2-DICHLOROETHENE	240	
78-93-3	2-BUTANONE	13	U
67-66-3	CHLOROFORM	13	U
71-55-6	1,1,1-TRICHLOROETHANE	180	
110-82-7	CYCLOHEXANE	13	U
56-23-5	CARBON TETRACHLORIDE	13	U
71-43-2	BENZENE	13	U
107-06-2	1,2-DICHLOROETHANE	13	U
79-01-6	TRICHLOROETHENE	550	
108-87-2	METHYLCYCLOHEXANE	13	U
78-87-5	1,2-DICHLOROPROPANE	13	U
75-27-4	BROMODICHLOROMETHANE	13	U
10061-01-	CIS-1,3-DICHLOROPROPENE	13	U

1

VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

08SSW004DL

Lab Name: _____ Contract: _____

SDG No.: TT02001 Run Sequence: R022374

Matrix: (SOIL/SED/WATER) Soil Lab Sample ID: TT02001-004DL

Sample wt/vol: 0.46 (g/mL) gm Lab File ID: B1010019.D

Level: (LOW/MED) _____ Date Collected: 10/03/2007

% Moisture: not dec. 15.0 Date/Time Analyzed: 10/10/2007 13:39

GC Column: ZB-624 20m ID: 0.18 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____(uL) Soil Aliquot Volume: _____(uL)

Heated Purge: (Y/N) Y

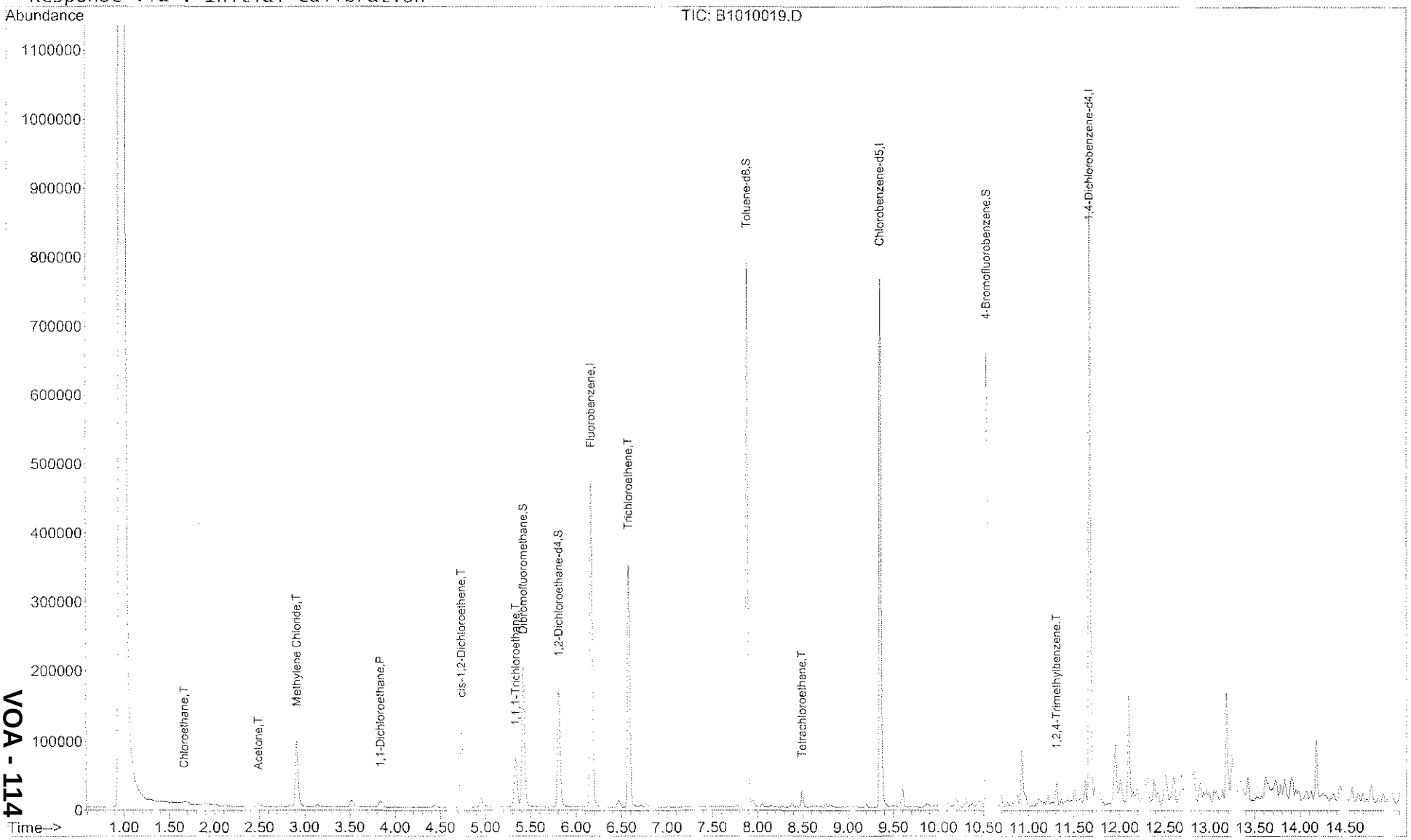
CAS NO.	COMPOUND	CONCENTRATION UNITS: ug/kg	Q
108-10-1	4-METHYL-2-PENTANONE	13	U
108-88-3	TOLUENE	13	U
10061-02-	TRANS-1,3-DICHLOROPROPENE	13	U
79-00-5	1,1,2-TRICHLOROETHANE	13	U
127-18-4	TETRACHLOROETHENE	28	J
591-78-6	2-HEXANONE	13	U
124-48-1	DIBROMOCHLOROMETHANE	13	U
106-93-4	1,2-DIBROMOETHANE	13	U
108-90-7	CHLOROBENZENE	13	U
100-41-4	ETHYLBENZENE	13	U
179601-23	M,P-XYLENE	13	U
95-47-6	O-XYLENE	13	U
100-42-5	STYRENE	13	U
75-25-2	BROMOFORM	13	U
98-82-8	ISOPROPYLBENZENE	13	U
79-34-5	1,1,2,2-TETRACHLOROETHANE	13	U
541-73-1	1,3-DICHLOROBENZENE	13	U
106-46-7	1,4-DICHLOROBENZENE	13	U
95-50-1	1,2-DICHLOROBENZENE	13	U
96-12-8	1,2-DIBROMO-3-CHLOROPROPANE	13	U
120-82-1	1,2,4-TRICHLOROBENZENE	13	U

Comments:

Quantitation Report

Data File : X:\MSVOA\BUDDHA\101007\B1010019.D Vial: 15
Acq On : 10 Oct 2007 13:39 Operator: LPM
Sample : TT02001-004DL Inst : Buddha
Misc : #3 0.46G+ 5ML+IS/SS Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Oct 11 5:40 2007 Quant Results File: B8260S.RES

Method : X:\MSVOA\BUDDHA\QUANT\B8260S.M (RTE Integrator)
Title : VOA 8260- 5ML Soil Calibration 5973B
Last Update : Fri Sep 28 16:30:36 2007
Response via : Initial Calibration



VOA - 114

Quantitation Report

Data File : X:\MSVOA\BUDDHA\101007\B1010019.D Vial: 15
Acq On : 10 Oct 2007 13:39 Operator: LPM
Sample : TT02001-004DL Inst : Buddha
Misc : #3 0.46G+ 5ML+IS/SS Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Oct 11 5:40 2007 Quant Results File: B8260S.RES

Quant Method : X:\MSVOA\BUDDHA\QUANT\B8260S.M (RTE Integrator)
Title : VOA 8260- 5ML Soil Calibration 5973B
Last Update : Fri Sep 28 16:30:36 2007
Response via : Initial Calibration
DataAcq Meth : 8260
IS QA File : X:\MSVOA\BUDDHA\092807\B0928013.D (28 Sep 2007 12:55)

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min) Rcv(Ar)
1) Fluorobenzene	6.17	96	442471	50.00 ug/l	0.00 70.78%
54) Chlorobenzene-d5	9.36	117	415146	50.00 ug/l	0.00 82.32%
74) 1,4-Dichlorobenzene-d4	11.67	152	241549	50.00 ug/l	0.00 72.91%

System Monitoring Compounds					
37) Dibromofluoromethane	5.42	111	142459	57.06 ug/l	0.00
Spiked Amount 50.000	Range 65 - 135		Recovery = 114.12%		
40) 1,2-Dichloroethane-d4	5.81	65	121309	54.41 ug/l	0.00
Spiked Amount 50.000	Range 52 - 149		Recovery = 108.82%		
55) Toluene-d8	7.88	98	485740	51.57 ug/l	0.00
Spiked Amount 50.000	Range 85 - 115		Recovery = 103.14%		
76) 4-Bromofluorobenzene	10.53	95	191091	50.32 ug/l	0.00
Spiked Amount 50.000	Range 85 - 120		Recovery = 100.64%		

Target Compounds					Qvalue
2) Dichlorodifluoromethane	1.09	85	72	N.D.	
3) Chloromethane	1.21	50	26	N.D.	
4) Vinyl Chloride	1.31	62	755	N.D.	
5) Bromomethane	1.57	96	30	N.D.	
6) Chloroethane	1.65	64	1982	1.14 ug/l	85
7) Trichlorofluoromethane	1.85	101	26	N.D.	
8) Acrolein	2.30	56	60	Below Cal #	13
9) 1,1-Dichloroethene	2.33	96	28	N.D.	
10) 1,1,2-Trichloro-1,2,2-trif	0.00	101	0	N.D.	
11) Acetone	2.48	43	8217	8.18 ug/l #	69
12) Iodomethane	0.00	142	0	N.D.	
13) Bromoethane	0.00	108	0	N.D.	
14) Carbon Disulfide	2.53	76	930	N.D.	
15) Allyl chloride	0.00	76	0	N.D.	
16) Acetonitrile	2.82	41	209	N.D.	
17) Methyl Acetate	2.83	43	720	N.D.	
18) Methylene Chloride	2.91	84	51908	4.68 ug/l	94
19) trans-1,2-Dichloroethene	3.22	96	97	N.D.	
20) t-Butyl alcohol	3.20	59	32	N.D.	
21) Methyl tert-butyl ether	3.24	73	61	N.D.	
22) Acrylonitrile	0.00	53	0	N.D.	
23) 1,1-Dichloroethane	3.83	63	13026	2.61 ug/l	98
24) Chloroprene	0.00	53	0	N.D.	
25) Isopropyl ether	0.00	45	0	N.D.	
26) Vinyl acetate	0.00	43	0	N.D.	
27) Ethyl-t-butyl ether	0.00	59	0	N.D.	
28) 2,2-Dichloropropane	0.00	77	0	N.D.	
29) cis-1,2-Dichloroethene	4.74	96	61001	18.55 ug/l	92
30) 2-Butanone	4.90	43	1205	N.D.	
31) Propionitrile	0.00	54	0	N.D.	
32) Bromochloromethane	0.00	128	0	N.D.	
33) Methacrylonitrile	5.22	41	39	N.D.	
34) Chloroform	5.22	83	903	N.D.	
35) 1,1,1-Trichloroethane	5.34	97	54859	14.11 ug/l	94
36) Cyclohexane	5.34	56	116	N.D.	

(#) = qualifier out of range (m) = manual integration
B1010019.D B8260S.M Thu Oct 11 13:37:10 2007

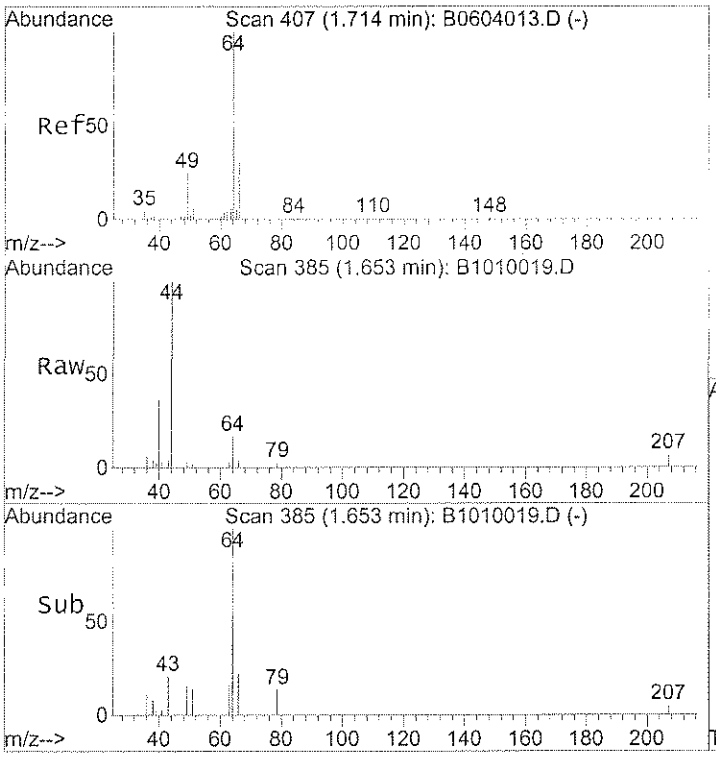
Quantitation Report

Data File : X:\MSVOA\BUDDHA\101007\B1010019.D Vial: 15
Acq On : 10 Oct 2007 13:39 Operator: LPM
Sample : TT02001-004DL Inst : Buddha
Misc : #3 0.46G+ 5ML+IS/SS Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Oct 11 5:40 2007 Quant Results File: B8260S.RES

Quant Method : X:\MSVOA\BUDDHA\QUANT\B8260S.M (RTE Integrator)
Title : VOA 8260- 5ML Soil Calibration 5973B
Last Update : Fri Sep 28 16:30:36 2007
Response via : Initial Calibration
DataAcq Meth : 8260

	Compound	R.T.	QIon	Response	Conc Unit	Qvalue
38)	Carbon Tetrachloride	0.00	117	0	N.D.	
39)	1,1-Dichloropropene	5.56	75	37	N.D.	
41)	Benzene	5.81	78	701	N.D.	
42)	1,2-Dichloroethane	0.00	62	0	N.D.	
43)	t-Amyl methyl ether	0.00	73	0	N.D.	
44)	Isobutanol	5.90	43	29	N.D.	
45)	Trichloroethene	6.58	130	128226	42.86 ug/l	95
46)	Methylcyclohexane	6.71	83	1061	N.D.	
47)	1,2-Dichloropropane	0.00	63	0	N.D.	
48)	Dibromomethane	0.00	93	0	N.D.	
49)	Methyl methacrylate	7.01	41	81	N.D.	
50)	Bromodichloromethane	0.00	83	0	N.D.	
51)	2-Chloroethyl vinyl ether	0.00	63	0	N.D.	
52)	cis-1,3-Dichloropropene	0.00	75	0	N.D.	
53)	4-Methyl-2-pentanone	7.88	43	1984	N.D.	
56)	Toluene	7.95	92	2933	N.D.	
57)	trans-1,3-Dichloropropene	0.00	75	0	N.D.	
58)	Ethyl methacrylate	8.14	69	279	N.D.	
59)	1,1,2-Trichloroethane	8.30	97	32	N.D.	
60)	Tetrachloroethene	8.49	166	7285	2.16 ug/l	96
61)	1,3-Dichloropropane	0.00	76	0	N.D.	
62)	2-Hexanone	8.71	43	186	N.D.	
63)	Dibromochloromethane	0.00	129	0	N.D.	
64)	1,2-Dibromoethane	0.00	107	0	N.D.	
65)	1-Chlorohexane	9.35	91	829	N.D.	
66)	Chlorobenzene	9.38	112	36	N.D.	
67)	1,1,1,2-Tetrachloroethane	0.00	131	0	N.D.	
68)	Ethylbenzene	9.48	91	1825	N.D.	
69)	m,p-Xylene	9.61	106	1734	N.D.	
70)	o-xylene	10.00	106	931	N.D.	
71)	Styrene	10.02	104	225	N.D.	
72)	Bromoform	0.00	173	0	N.D.	
73)	Isopropylbenzene	10.35	105	463	N.D.	
75)	trans-1,4-Dichloro-2-buten	10.46	53	61	N.D.	
77)	Bromobenzene	0.00	156	0	N.D.	
78)	1,1,2,2-Tetrachloroethane	10.75	83	80	N.D.	
79)	1,2,3-Trichloropropane	10.61	110	110	N.D.	
80)	n-Propylbenzene	10.76	120	476	N.D.	
81)	2-Chlorotoluene	10.86	91	1034	N.D.	
82)	4-Chlorotoluene	10.97	91	3462	N.D.	
83)	1,3,5-Trimethylbenzene	10.94	105	6069	N.D.	
84)	tert-Butylbenzene	11.27	119	421	N.D.	
85)	1,2,4-Trimethylbenzene	11.31	105	14441	1.09 ug/l	99
86)	sec-butylbenzene	11.47	105	3073	N.D.	
87)	1,3-Dichlorobenzene	11.60	146	286	N.D.	
88)	4-Isopropyltoluene	11.62	119	10549	N.D.	
89)	1,4-Dichlorobenzene	11.69	146	738	N.D.	
90)	1,2-Dichlorobenzene	12.07	146	108	N.D.	
91)	n-Butylbenzene	12.02	91	7975	N.D.	
92)	1,2-Dibromo-3-chloropropan	12.84	75	199	N.D.	
93)	1,2,4-Trichlorobenzene	13.65	180	373	N.D.	
94)	Hexachlorobutadiene	13.79	225	264	N.D.	
95)	Naphthalene	13.90	128	10179	N.D.	
96)	1,2,3-Trichlorobenzene	14.14	180	253	N.D.	

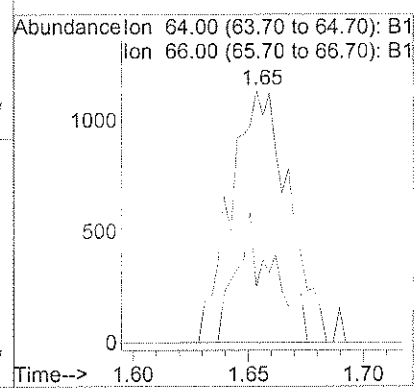
(#) = qualifier out of range (m) = manual integration

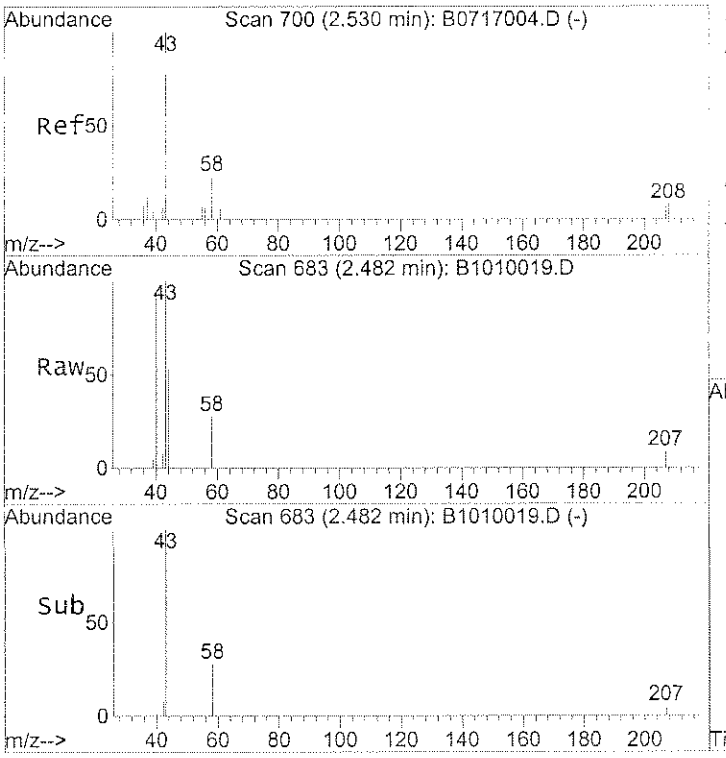


#6
Chloroethane
Concen: 1.14 ug/l
RT: 1.65 min Scan# 385
Delta R.T. 0.00 min
Lab File: B1010019.D
Acq: 10 Oct 2007 13:39

Tgt Ion: 64 Resp: 1982

Ion	Ratio	Lower	Upper
64	100		
66	23.1	11.6	51.6

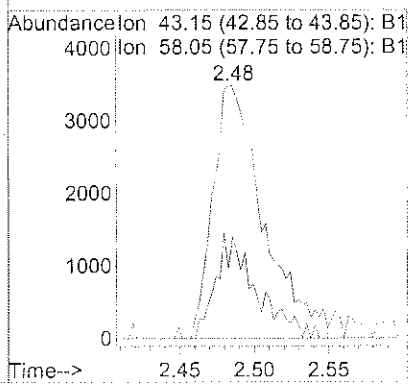


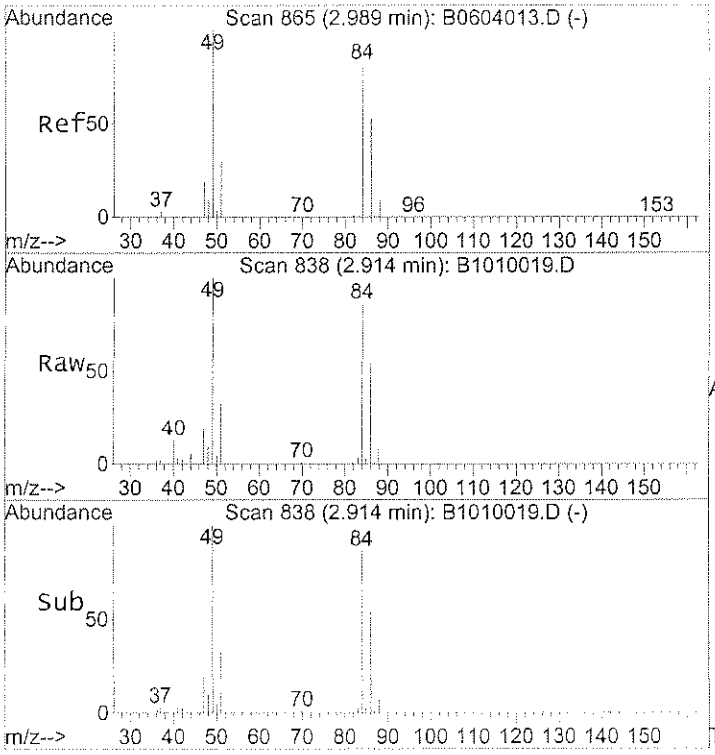


#11
Acetone
Concen: 8.18 ug/l
RT: 2.48 min Scan# 683
Delta R.T. 0.01 min
Lab File: B1010019.D
Acq: 10 Oct 2007 13:39

Tgt Ion: 43 Resp: 8217

Ion	Ratio	Lower	Upper
43	100		
58	11.5	22.0	33.0#

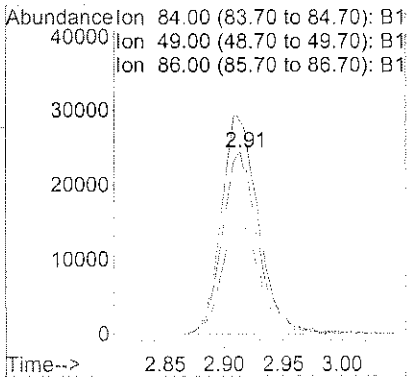


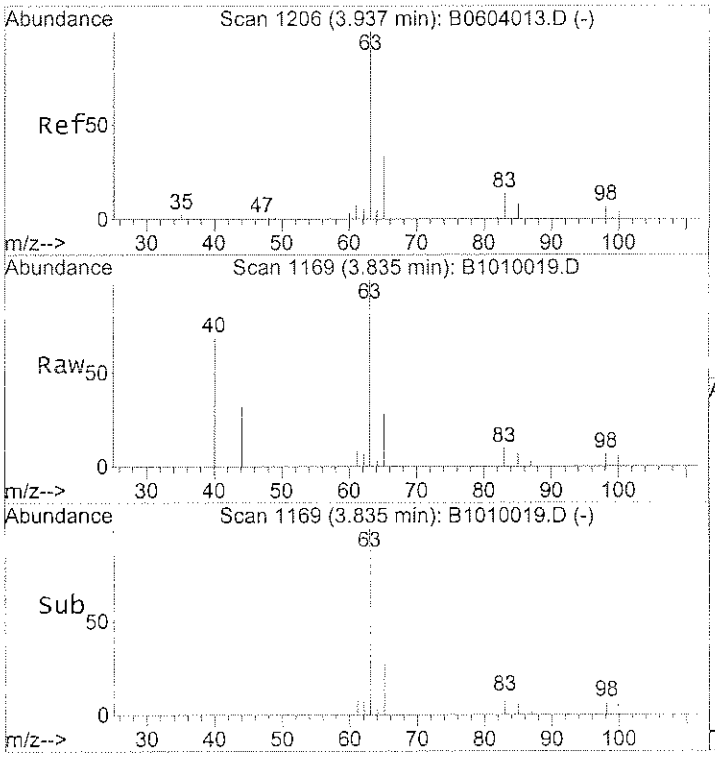


#18
Methylene Chloride
Concen: 4.68 ug/l
RT: 2.91 min Scan# 838
Delta R.T. 0.00 min
Lab File: B1010019.D
Acq: 10 Oct 2007 13:39

Tgt Ion: 84 Resp: 51908

Ion	Ratio	Lower	Upper
84	100		
49	122.9	113.6	153.6
86	65.1	45.8	85.8

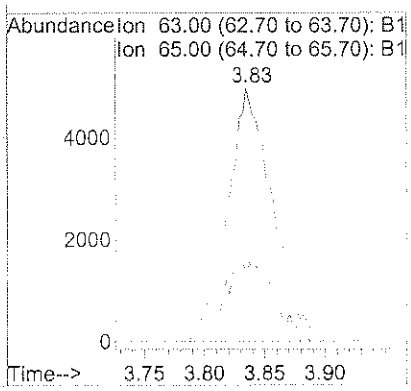


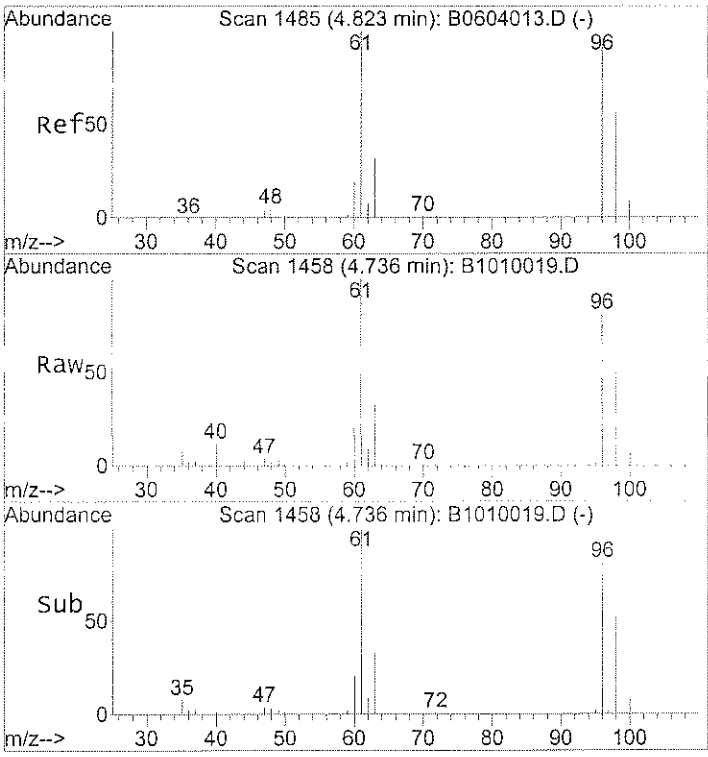


#23
1,1-Dichloroethane
Concen: 2.61 ug/l
RT: 3.83 min Scan# 1169
Delta R.T. -0.00 min
Lab File: B1010019.D
Acq: 10 Oct 2007 13:39

Tgt Ion: 63 Resp: 13026

Ion	Ratio	Lower	Upper
63	100		
65	31.3	10.2	50.2

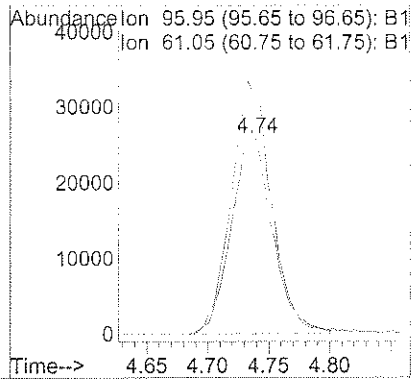


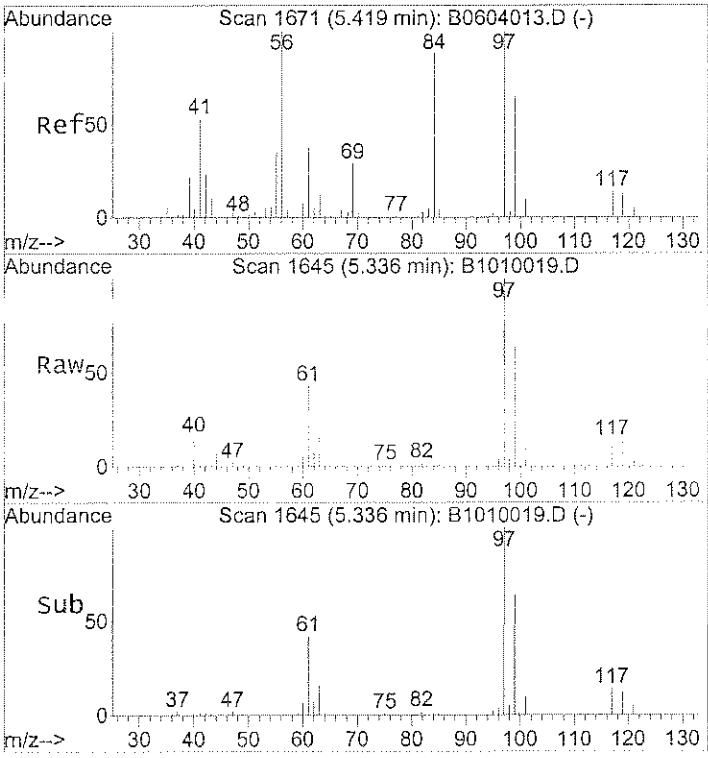


#29
cis-1,2-Dichloroethene
Concen: 18.55 ug/l
RT: 4.74 min Scan# 1458
Delta R.T. -0.00 min
Lab File: B1010019.D
Acq: 10 Oct 2007 13:39

Tgt Ion: 96 Resp: 61001

Ion	Ratio	Lower	Upper
96	100		
61	125.1	107.4	161.0

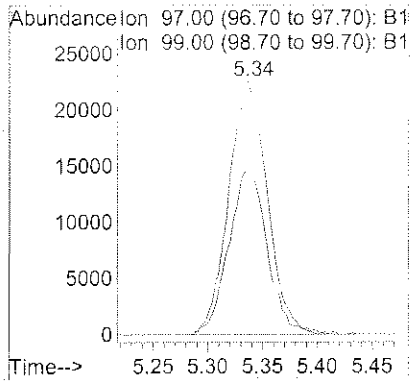


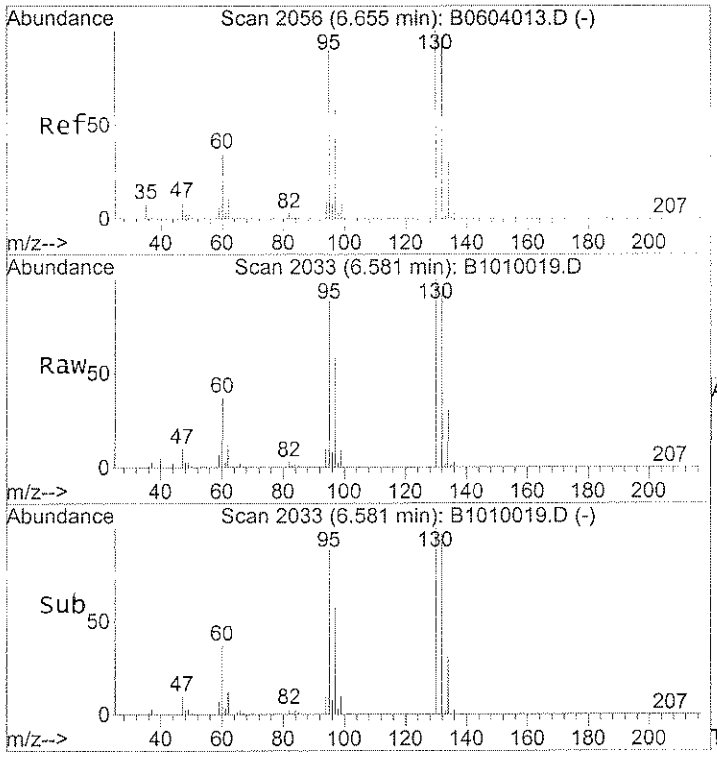


#35
1,1,1-Trichloroethane
Concen: 14.11 ug/l
RT: 5.34 min Scan# 1645
Delta R.T. 0.00 min
Lab File: B1010019.D
Acq: 10 Oct 2007 13:39

Tgt Ion: 97 Resp: 54859

Ion	Ratio	Lower	Upper
97	100		
99	64.5	40.3	80.3

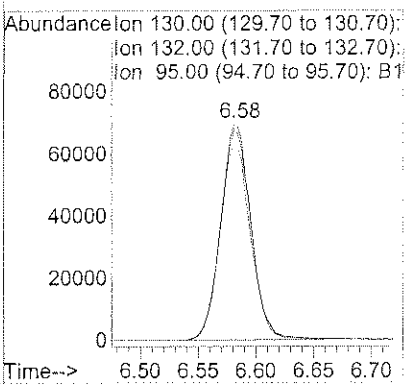


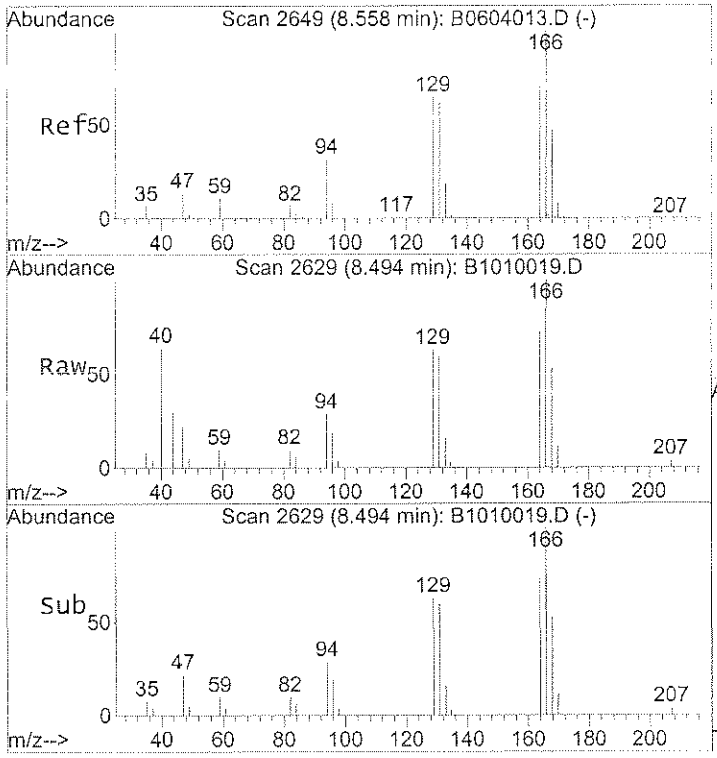


#45
Trichloroethene
Concen: 42.86 ug/l
RT: 6.58 min Scan# 2033
Delta R.T. -0.00 min
Lab File: B1010019.D
Acq: 10 Oct 2007 13:39

Tgt Ion:130 Resp: 128226

Ion	Ratio	Lower	Upper
130	100		
132	96.3	80.2	120.2
95	90.1	75.8	115.8

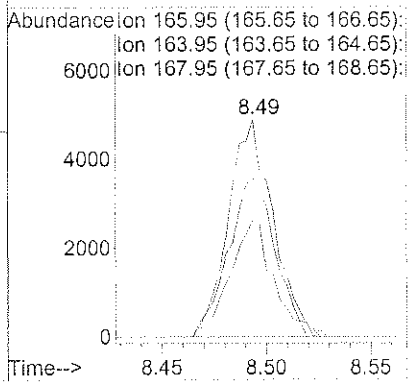


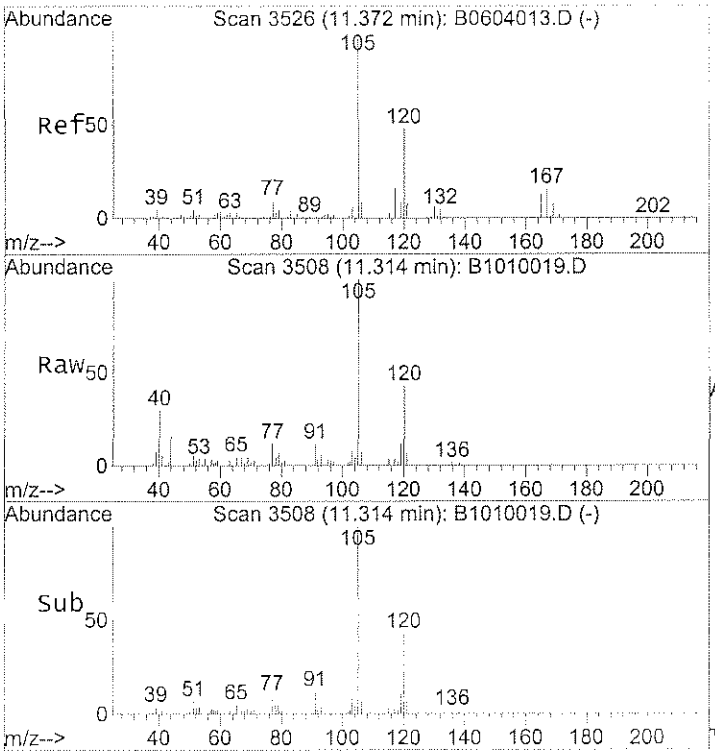


#60
Tetrachloroethene
Concen: 2.16 ug/l
RT: 8.49 min Scan# 2629
Delta R.T. 0.00 min
Lab File: B1010019.D
Acq: 10 Oct 2007 13:39

Tgt Ion:166 Resp: 7285

Ion	Ratio	Lower	Upper
166	100		
164	75.7	65.6	98.4
168	51.3	41.1	61.7

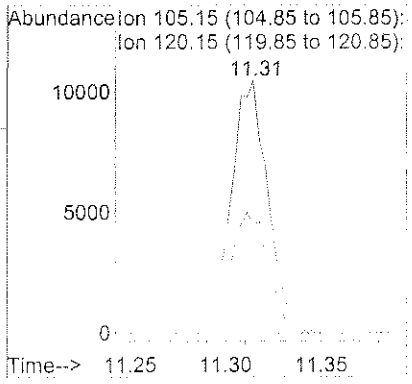




#85
1,2,4-Trimethylbenzene
Concen: 1.09 ug/l
RT: 11.31 min Scan# 3508
Delta R.T. -0.00 min
Lab File: B1010019.D
Acq: 10 Oct 2007 13:39

Tgt Ion:105 Resp: 14441

Ion	Ratio	Lower	Upper
105	100		
120	47.8	37.9	56.9



VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

08SSW004DL2

Lab Name: _____ Contract: _____

SDG No.: TT02001 Run Sequence: R022490

Matrix: (SOIL/SED/WATER) Soil Lab Sample ID: TT02001-004DL2

Sample wt/vol: 2.43 (g/mL) gm Lab File ID: B1015029.D

Level: (LOW/MED) _____ Date Collected: 10/03/2007

% Moisture: not dec. 15.0 Date/Time Analyzed: 10/15/2007 18:31

GC Column: ZB-624 20m ID: 0.18 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____(uL) Soil Aliquot Volume: _____(uL)

Heated Purge: (Y/N) Y

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/kg	Q
1330-20-7	XYLENES, TOTAL	2.7	J
75-71-8	DICHLORODIFLUOROMETHANE	2.4	U
74-87-3	CHLOROMETHANE	2.4	U
75-01-4	VINYL CHLORIDE	8.1	
74-83-9	BROMOMETHANE	2.4	U
75-00-3	CHLOROETHANE	42	
75-69-4	TRICHLOROFLUOROMETHANE	2.4	U
75-35-4	1,1-DICHLOROETHENE	2.4	U
76-13-1	1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	2.4	U
67-64-1	ACETONE	59	B
75-15-0	CARBON DISULFIDE	2.4	U
79-20-9	METHYL ACETATE	2.4	U
75-09-2	METHYLENE CHLORIDE	47	
1634-04-4	METHYL TERT-BUTYL ETHER	2.4	U
156-60-5	TRANS-1,2-DICHLOROETHENE	2.4	U
75-34-3	1,1-DICHLOROETHANE	41	
156-59-2	CIS-1,2-DICHLOROETHENE	290	
78-93-3	2-BUTANONE	2.4	U
67-66-3	CHLOROFORM	2.4	U
71-55-6	1,1,1-TRICHLOROETHANE	47	
110-82-7	CYCLOHEXANE	2.4	U
56-23-5	CARBON TETRACHLORIDE	2.4	U
71-43-2	BENZENE	2.4	U
107-06-2	1,2-DICHLOROETHANE	2.4	U
79-01-6	TRICHLOROETHENE	380	
108-87-2	METHYLCYCLOHEXANE	5.1	J
78-87-5	1,2-DICHLOROPROPANE	2.4	U
75-27-4	BROMODICHLOROMETHANE	2.4	U
10061-01-	CIS-1,3-DICHLOROPROPENE	2.4	U

VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

08SSW004DL2

Lab Name: _____ Contract: _____

SDG No.: TT02001 Run Sequence: R022490

Matrix: (SOIL/SED/WATER) Soil Lab Sample ID: TT02001-004DL2

Sample wt/vol: 2.43 (g/mL) gm Lab File ID: B1015029.D

Level: (LOW/MED) _____ Date Collected: 10/03/2007

% Moisture: not dec. 15.0 Date/Time Analyzed: 10/15/2007 18:31

GC Column: ZB-624 20m ID: 0.18 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____(uL) Soil Aliquot Volume: _____(uL)

Heated Purge: (Y/N) Y

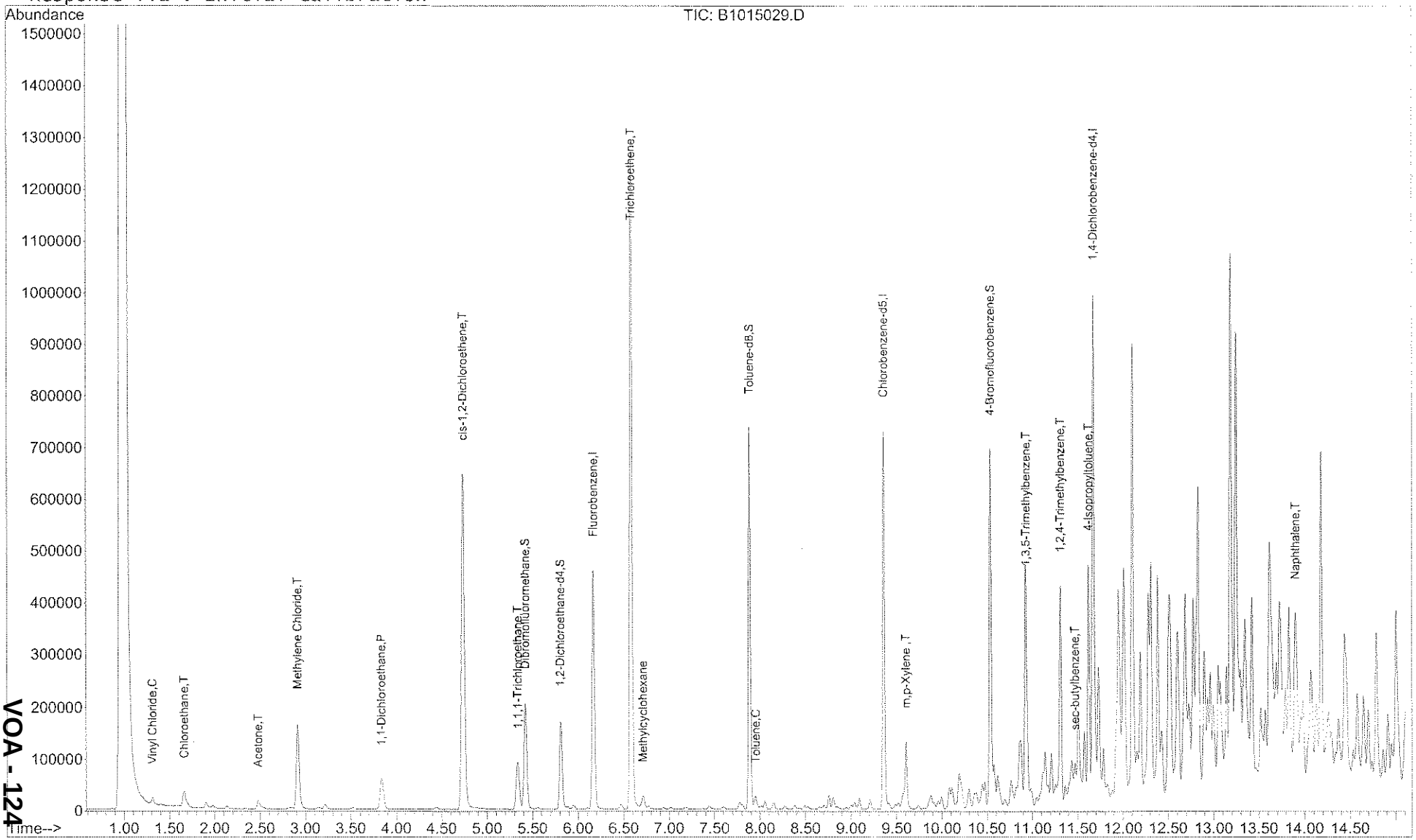
CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/kg	Q
108-10-1	4-METHYL-2-PENTANONE	2.4	U
108-88-3	TOLUENE	2.4	J
10061-02-	TRANS-1,3-DICHLOROPROPENE	2.4	U
79-00-5	1,1,2-TRICHLOROETHANE	2.4	U
127-18-4	TETRACHLOROETHENE	2.4	U
591-78-6	2-HEXANONE	2.4	U
124-48-1	DIBROMOCHLOROMETHANE	2.4	U
106-93-4	1,2-DIBROMOETHANE	2.4	U
108-90-7	CHLOROBENZENE	2.4	U
100-41-4	ETHYLBENZENE	2.4	U
179601-23	M,P-XYLENE	2.7	J
95-47-6	O-XYLENE	2.4	U
100-42-5	STYRENE	2.4	U
75-25-2	BROMOFORM	2.4	U
98-82-8	ISOPROPYLBENZENE	2.4	U
79-34-5	1,1,2,2-TETRACHLOROETHANE	2.4	U
541-73-1	1,3-DICHLOROBENZENE	2.4	U
106-46-7	1,4-DICHLOROBENZENE	2.4	U
95-50-1	1,2-DICHLOROBENZENE	2.4	U
96-12-8	1,2-DIBROMO-3-CHLOROPROPANE	2.4	U
120-82-1	1,2,4-TRICHLOROBENZENE	2.4	U

Comments:

Quantitation Report

Data File : X:\MSVOA\BUDDHA\101507\B1015029.D Vial: 23
Acq On : 15 Oct 2007 18:31 Operator: LPM
Sample : TT02001-004DL2 Inst : Buddha
Misc : #3 2.43G/5ML+IS/SS(MV-8-42-9) Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Oct 16 6:34 2007 Quant Results File: B8260S.RES

Method : X:\MSVOA\BUDDHA\QUANT\B8260S.M (RTE Integrator)
Title : VOA 8260- 5ML Soil Calibration 5973B
Last Update : Fri Sep 28 16:30:36 2007
Response via : Initial Calibration



Quantitation Report

Data File : X:\MSVOA\BUDDHA\101507\B1015029.D Vial: 23
Acq On : 15 Oct 2007 18:31 Operator: LPM
Sample : TT02001-004DL2 Inst : Buddha
Misc : #3 2.43G/5ML+IS/SS(MV-8-42-9) Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Oct 16 6:34 2007 Quant Results File: B8260S.RES

Quant Method : X:\MSVOA\BUDDHA\QUANT\B8260S.M (RTE Integrator)
Title : VOA 8260- 5ML Soil Calibration 5973B
Last Update : Fri Sep 28 16:30:36 2007
Response via : Initial Calibration
DataAcq Meth : 8260
IS QA File : X:\MSVOA\BUDDHA\092807\B0928013.D (28 Sep 2007 12:55)

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min) Rcv(Ar)
1) Fluorobenzene	6.17	96	434165	50.00 ug/l	0.00 69.45%
54) Chlorobenzene-d5	9.36	117	404012	50.00 ug/l	0.00 80.12%
74) 1,4-Dichlorobenzene-d4	11.67	152	239523	50.00 ug/l	0.00 72.30%

System Monitoring Compounds					
37) Dibromofluoromethane	5.42	111	142310	58.09 ug/l	0.00
Spiked Amount 50.000	Range 65 - 135		Recovery = 116.18%		
40) 1,2-Dichloroethane-d4	5.81	65	118088	53.98 ug/l	0.00
Spiked Amount 50.000	Range 52 - 149		Recovery = 107.96%		
55) Toluene-d8	7.88	98	465584	50.79 ug/l	0.00
Spiked Amount 50.000	Range 85 - 115		Recovery = 101.58%		
76) 4-Bromofluorobenzene	10.53	95	197837	52.54 ug/l	0.00
Spiked Amount 50.000	Range 85 - 120		Recovery = 105.08%		

Target Compounds					Qvalue
2) Dichlorodifluoromethane	0.00	85	0	N.D.	
3) Chloromethane	1.23	50	28	N.D.	
4) Vinyl Chloride	1.31	62	9843	3.34 ug/l	98
5) Bromomethane	1.57	96	30	N.D.	
6) Chloroethane	1.66	64	29703	17.45 ug/l	97
7) Trichlorofluoromethane	0.00	101	0	N.D.	
8) Acrolein	2.29	56	73	Below Cal #	13
9) 1,1-Dichloroethene	2.33	96	203	N.D.	
10) 1,1,2-Trichloro-1,2,2-trif	0.00	101	0	N.D.	
11) Acetone	2.48	43	23822	24.18 ug/l	91
12) Iodomethane	0.00	142	0	N.D.	
13) Bromoethane	2.55	108	28	N.D.	
14) Carbon Disulfide	2.53	76	1319	N.D.	
15) Allyl chloride	0.00	76	0	N.D.	
16) Acetonitrile	0.00	41	0	N.D. d	
17) Methyl Acetate	2.84	43	1542	N.D.	
18) Methylene Chloride	2.91	84	91790	19.32 ug/l	92
19) trans-1,2-Dichloroethene	3.21	96	2393	N.D.	
20) t-Butyl alcohol	3.22	59	25	N.D.	
21) Methyl tert-butyl ether	3.24	73	405	N.D.	
22) Acrylonitrile	0.00	53	0	N.D.	
23) 1,1-Dichloroethane	3.83	63	83836	17.10 ug/l	98
24) Chloroprene	0.00	53	0	N.D.	
25) Isopropyl ether	0.00	45	0	N.D.	
26) Vinyl acetate	3.87	43	52	N.D.	
27) Ethyl-t-butyl ether	0.00	59	0	N.D.	
28) 2,2-Dichloropropane	0.00	77	0	N.D.	
29) cis-1,2-Dichloroethene	4.74	96	381473	118.22 ug/l	88
30) 2-Butanone	4.88	43	537	N.D.	
31) Propionitrile	0.00	54	0	N.D.	
32) Bromochloromethane	0.00	128	0	N.D.	
33) Methacrylonitrile	0.00	41	0	N.D.	
34) Chloroform	5.20	83	909	N.D.	
35) 1,1,1-Trichloroethane	5.34	97	73730	19.32 ug/l	94
36) Cyclohexane	5.34	56	891	N.D.	

(#) = qualifier out of range (m) = manual integration

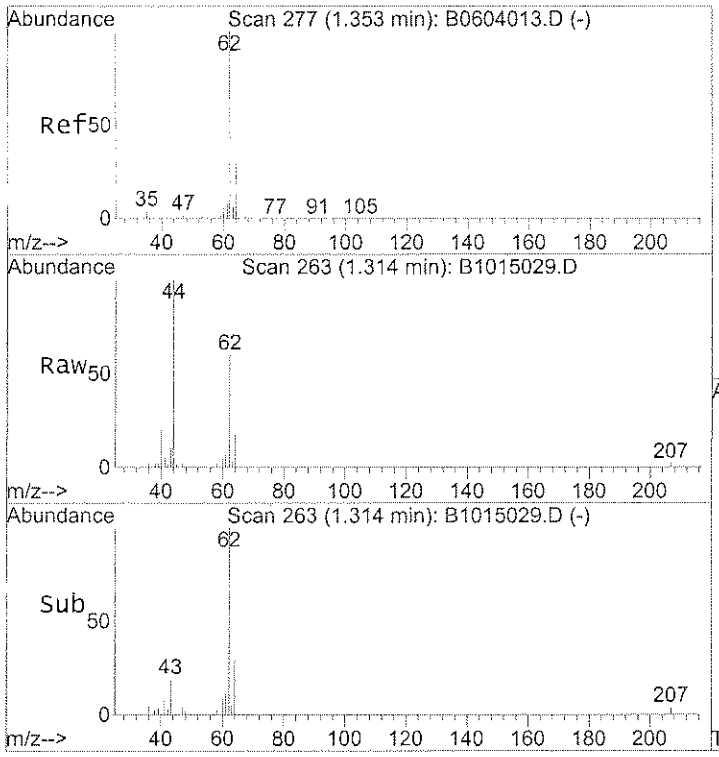
Quantitation Report

Data File : X:\MSVOA\BUDDHA\101507\B1015029.D Vial: 23
Acq On : 15 Oct 2007 18:31 Operator: LPM
Sample : TT02001-004DL2 Inst : Buddha
Misc : #3 2.43G/5ML+IS/SS(MV-8-42-9) Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Oct 16 6:34 2007 Quant Results File: B8260S.RES

Quant Method : X:\MSVOA\BUDDHA\QUANT\B8260S.M (RTE Integrator)
Title : VOA 8260- 5ML Soil Calibration 5973B
Last Update : Fri Sep 28 16:30:36 2007
Response via : Initial Calibration
DataAcq Meth : 8260

	Compound	R.T.	QIon	Response	Conc Unit	Qvalue
38)	Carbon Tetrachloride	0.00	117	0	N.D.	
39)	1,1-Dichloropropene	0.00	75	0	N.D.	
41)	Benzene	5.81	78	1449	N.D.	
42)	1,2-Dichloroethane	5.91	62	510	N.D.	
43)	t-Amyl methyl ether	0.00	73	0	N.D.	
44)	Isobutanol	5.97	43	38	N.D.	
45)	Trichloroethene	6.58	130	466484	158.90 ug/l	94
46)	Methylcyclohexane	6.71	83	9331	2.11 ug/l	92
47)	1,2-Dichloropropane	0.00	63	0	N.D.	
48)	Dibromomethane	0.00	93	0	N.D.	
49)	Methyl methacrylate	7.01	41	408	N.D.	
50)	Bromodichloromethane	0.00	83	0	N.D.	
51)	2-Chloroethyl vinyl ether	0.00	63	0	N.D.	
52)	cis-1,3-Dichloropropene	0.00	75	0	N.D.	
53)	4-Methyl-2-pentanone	7.80	43	200	N.D.	
56)	Toluene	7.95	92	7487	1.01 ug/l	96
57)	trans-1,3-Dichloropropene	0.00	75	0	N.D.	
58)	Ethyl methacrylate	8.38	69	306	N.D.	
59)	1,1,2-Trichloroethane	8.28	97	1935	N.D.	
60)	Tetrachloroethene	8.49	166	2262	N.D.	
61)	1,3-Dichloropropane	0.00	76	0	N.D.	
62)	2-Hexanone	8.70	43	257	N.D.	
63)	Dibromochloromethane	0.00	129	0	N.D.	
64)	1,2-Dibromoethane	8.82	107	39	N.D.	
65)	1-Chlorohexane	9.36	91	794	N.D.	
66)	Chlorobenzene	9.38	112	129	N.D.	
67)	1,1,1,2-Tetrachloroethane	0.00	131	0	N.D.	
68)	Ethylbenzene	9.49	91	4654	N.D.	
69)	m,p-Xylene	9.60	106	6515	1.12 ug/l	91
70)	o-xylene	10.00	106	4656	N.D.	
71)	Styrene	10.02	104	215	N.D.	
72)	Bromoform	0.00	173	0	N.D.	
73)	Isopropylbenzene	10.36	105	6857	N.D.	
75)	trans-1,4-Dichloro-2-buten	10.47	53	754	N.D.	
77)	Bromobenzene	0.00	156	0	N.D.	
78)	1,1,2,2-Tetrachloroethane	10.76	83	938	N.D.	
79)	1,2,3-Trichloropropane	10.75	110	478	N.D.	
80)	n-Propylbenzene	10.76	120	3524	N.D.	
81)	2-Chlorotoluene	10.58	91	2112	N.D.	
82)	4-Chlorotoluene	10.95	91	10338	N.D.	
83)	1,3,5-Trimethylbenzene	10.94	105	65920	5.19 ug/l	100
84)	tert-Butylbenzene	0.00	119	0	N.D. d	
85)	1,2,4-Trimethylbenzene	11.31	105	187233	14.19 ug/l	97
86)	sec-butylbenzene	11.47	105	32842	2.15 ug/l	99
87)	1,3-Dichlorobenzene	11.61	146	223	N.D.	
88)	4-Isopropyltoluene	11.62	119	194995	13.63 ug/l	98
89)	1,4-Dichlorobenzene	11.70	146	515	N.D.	
90)	1,2-Dichlorobenzene	12.07	146	188	N.D.	
91)	n-Butylbenzene	0.00	91	0	N.D. d	
92)	1,2-Dibromo-3-chloropropan	12.90	75	744	N.D.	
93)	1,2,4-Trichlorobenzene	13.65	180	831	N.D.	
94)	Hexachlorobutadiene	13.79	225	271	N.D.	
95)	Naphthalene	13.90	128	97941	6.81 ug/l #	91
96)	1,2,3-Trichlorobenzene	14.13	180	88	N.D.	

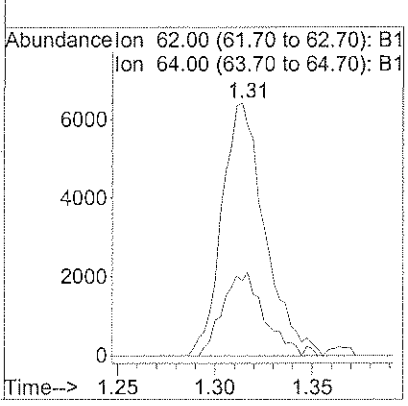
(#) = qualifier out of range (m) = manual integration

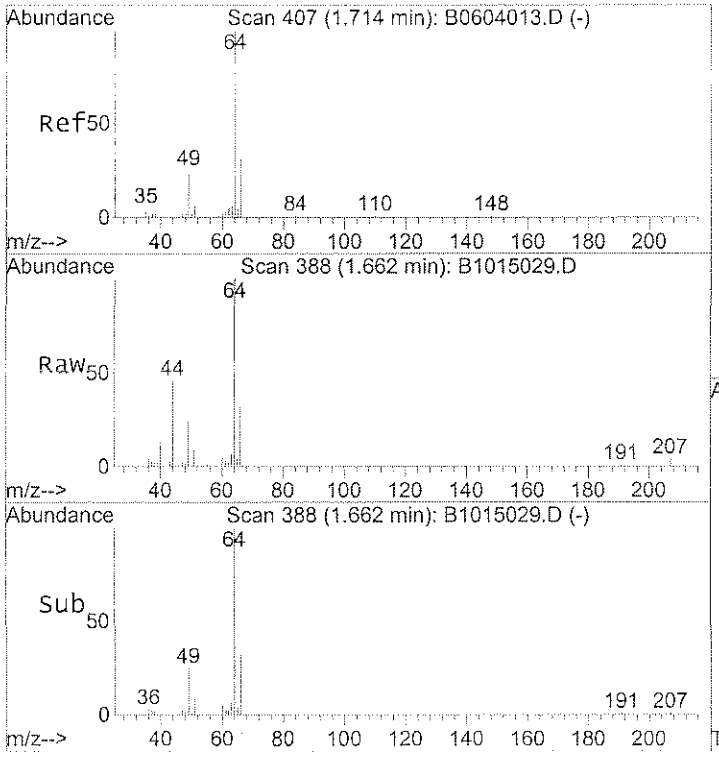


#4
Vinyl Chloride
Concen: 3.34 ug/l
RT: 1.31 min Scan# 263
Delta R.T. 0.01 min
Lab File: B1015029.D
Acq: 15 Oct 2007 18:31

Tgt Ion: 62 Resp: 9843

Ion	Ratio	Lower	Upper
62	100		
64	31.4	10.2	50.2

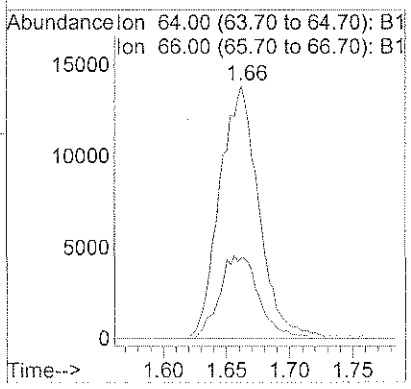


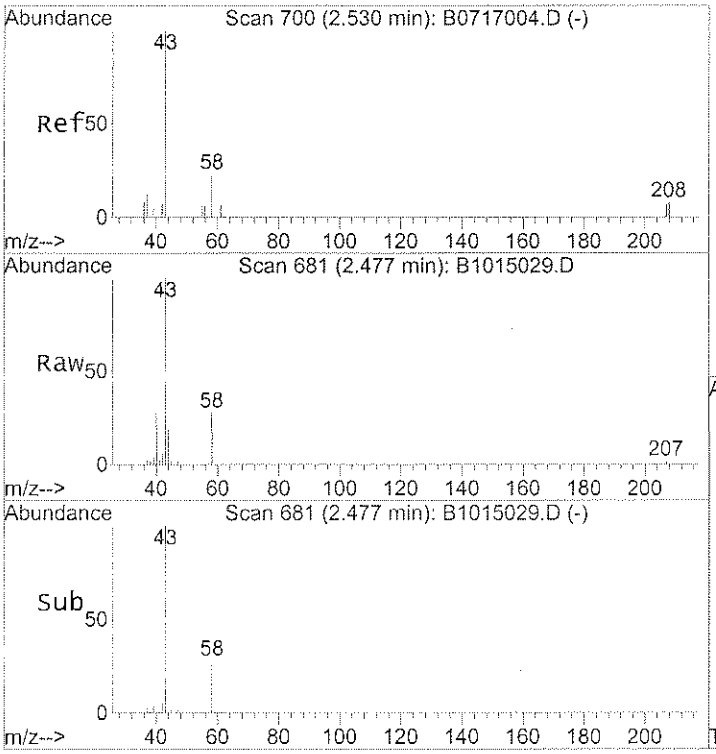


#6
Chloroethane
Concen: 17.45 ug/l
RT: 1.66 min Scan# 388
Delta R.T. 0.01 min
Lab File: B1015029.D
Acq: 15 Oct 2007 18:31

Tgt Ion: 64 Resp: 29703

Ion	Ratio	Lower	Upper
64	100		
66	33.2	11.6	51.6

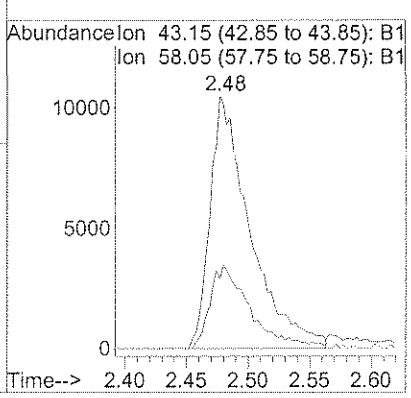


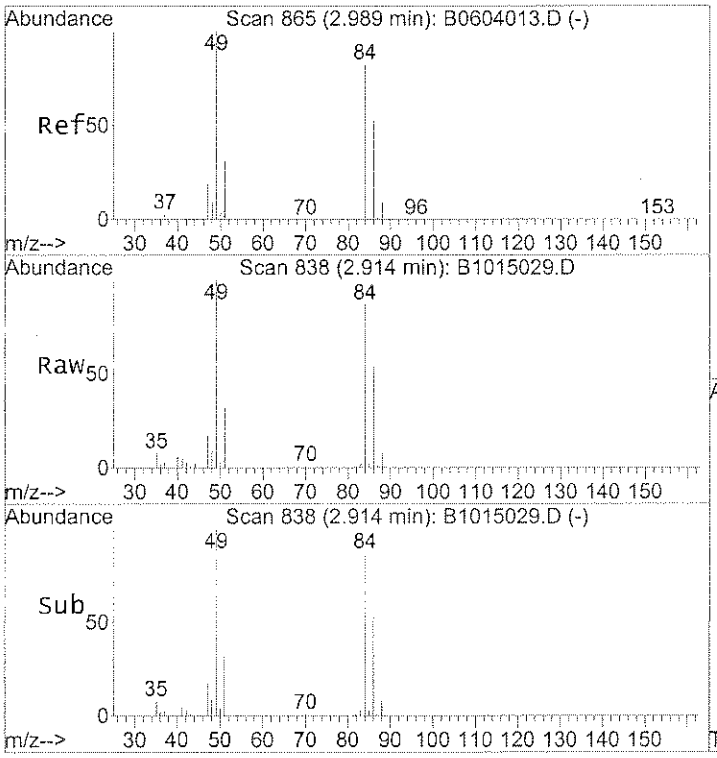


#11
Acetone
Concen: 24.18 ug/l
RT: 2.48 min Scan# 681
Delta R.T. 0.00 min
Lab File: B1015029.D
Acq: 15 Oct 2007 18:31

Tgt Ion: 43 Resp: 23822

Ion	Ratio	Lower	Upper
43	100		
58	32.4	22.0	33.0

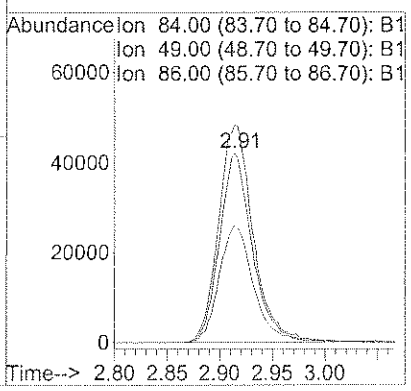


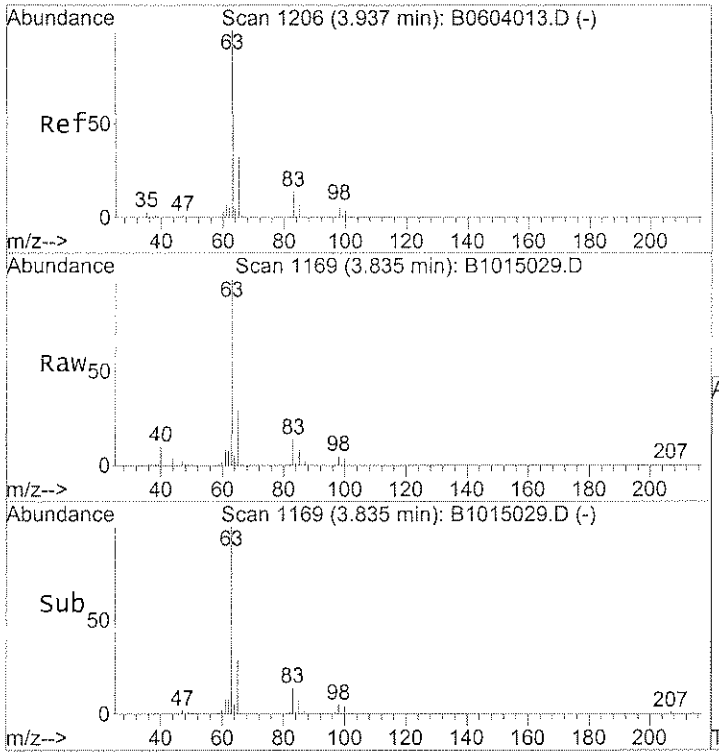


#18
Methylene Chloride
Concen: 19.32 ug/l
RT: 2.91 min Scan# 838
Delta R.T. 0.00 min
Lab File: B1015029.D
Acq: 15 Oct 2007 18:31

Tgt Ion: 84 Resp: 91790

Ion	Ratio	Lower	Upper
84	100		
49	120.3	113.6	153.6
86	64.2	45.8	85.8

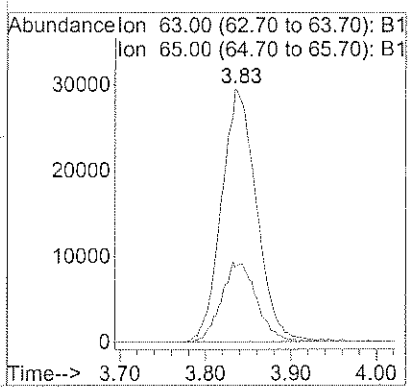


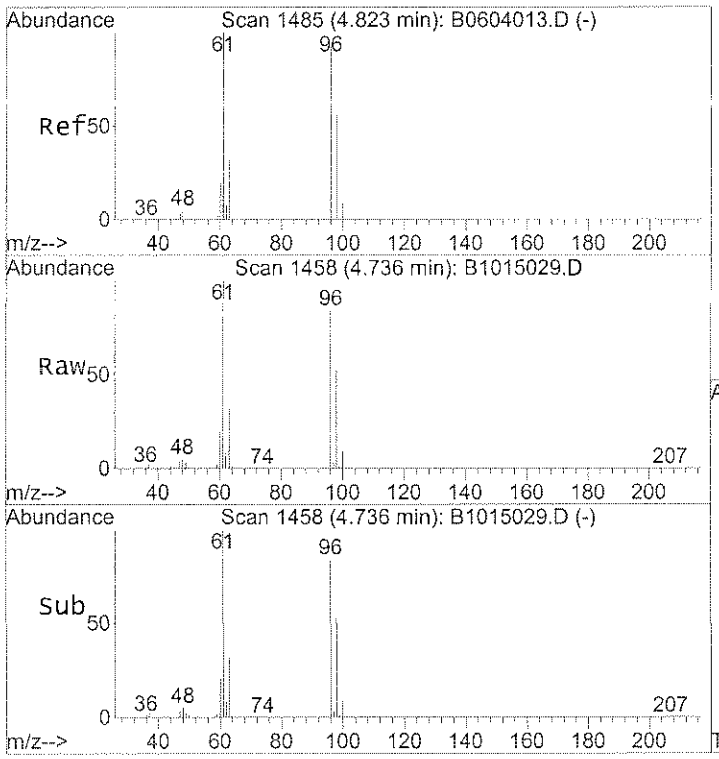


#23
1,1-Dichloroethane
Concen: 17.10 ug/l
RT: 3.83 min Scan# 1169
Delta R.T. -0.00 min
Lab File: B1015029.D
Acq: 15 Oct 2007 18:31

Tgt Ion: 63 Resp: 83836

Ion	Ratio	Lower	Upper
63	100		
65	31.4	10.2	50.2

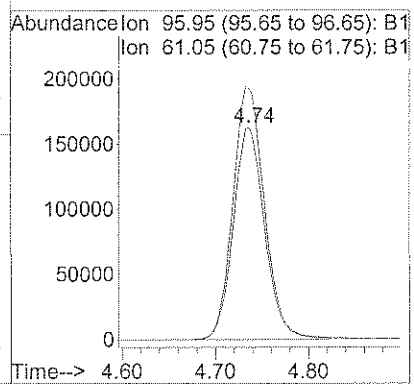


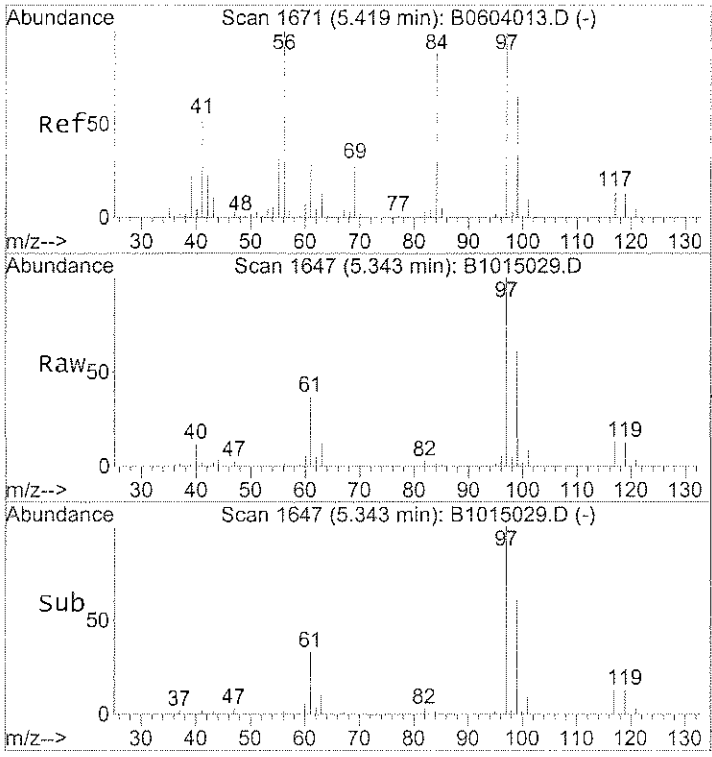


#29
cis-1,2-Dichloroethene
Concen: 118.22 ug/l
RT: 4.74 min Scan# 1458
Delta R.T. 0.00 min
Lab File: B1015029.D
Acq: 15 Oct 2007 18:31

Tgt Ion: 96 Resp: 381473

Ion	Ratio	Lower	Upper
96	100		
61	120.2	107.4	161.0

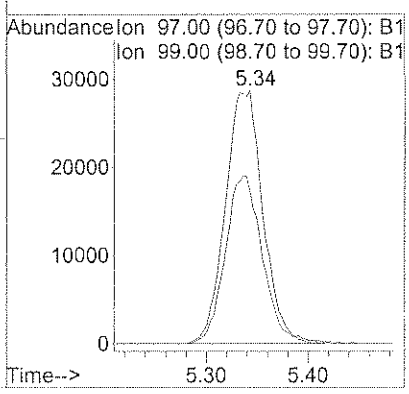


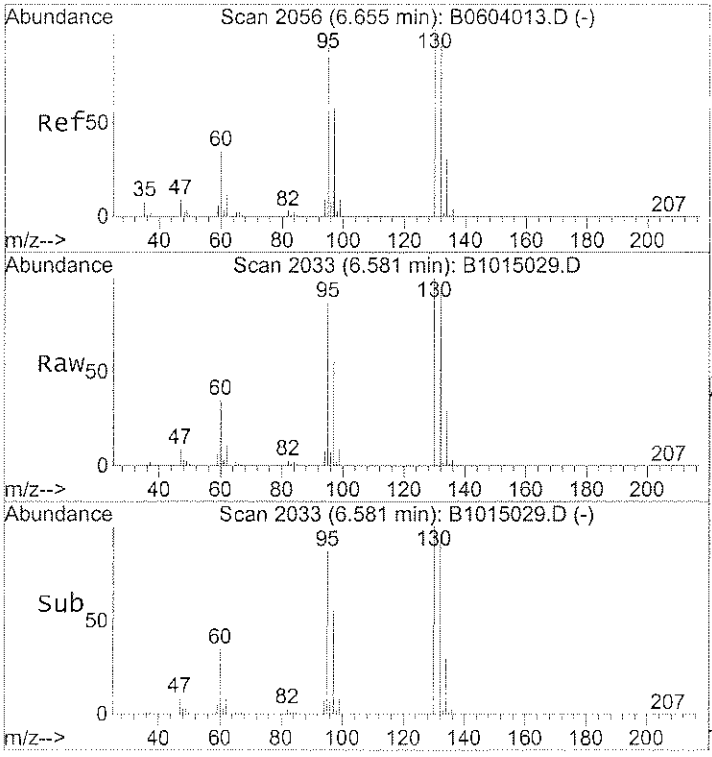


#35
1,1,1-Trichloroethane
Concen: 19.32 ug/l
RT: 5.34 min Scan# 1647
Delta R.T. 0.01 min
Lab File: B1015029.D
Acq: 15 Oct 2007 18:31

Tgt Ion: 97 Resp: 73730

Ion	Ratio	Lower	Upper
97	100		
99	65.0	40.3	80.3

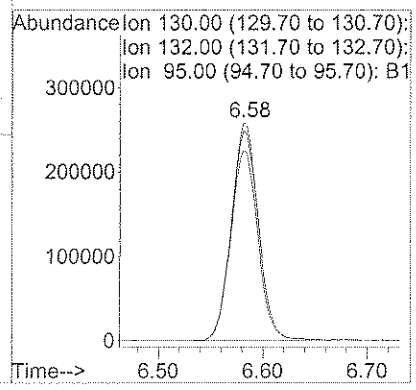


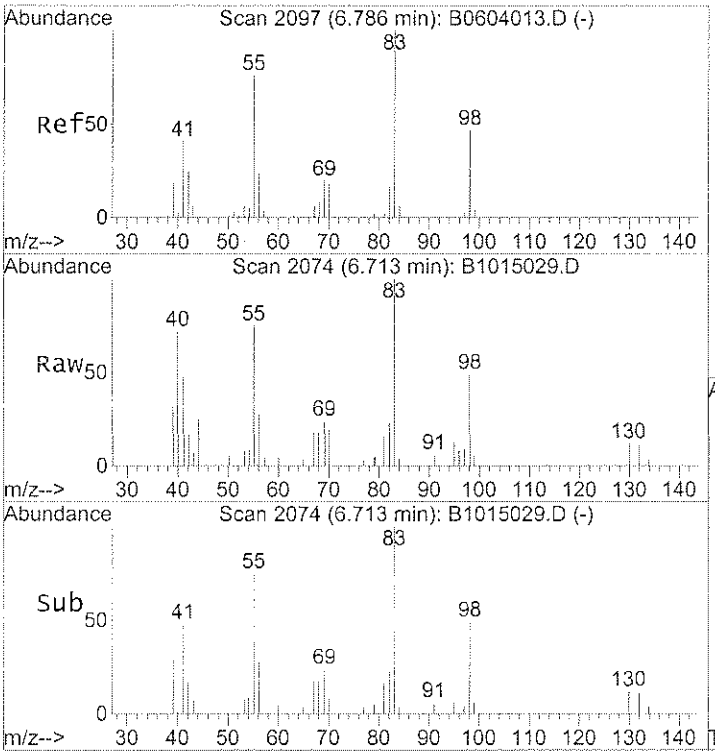


#45
Trichloroethene
Concen: 158.90 ug/l
RT: 6.58 min Scan# 2033
Delta R.T. -0.00 min
Lab File: B1015029.D
Acq: 15 Oct 2007 18:31

Tgt Ion:130 Resp: 466484

Ion	Ratio	Lower	Upper
130	100		
132	96.9	80.2	120.2
95	87.5	75.8	115.8

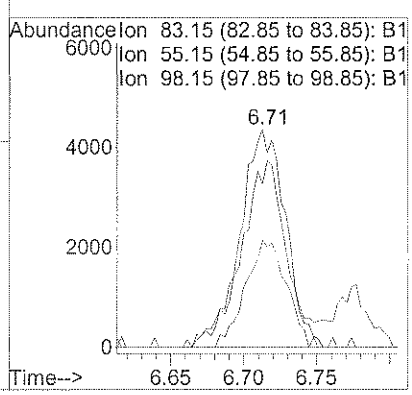


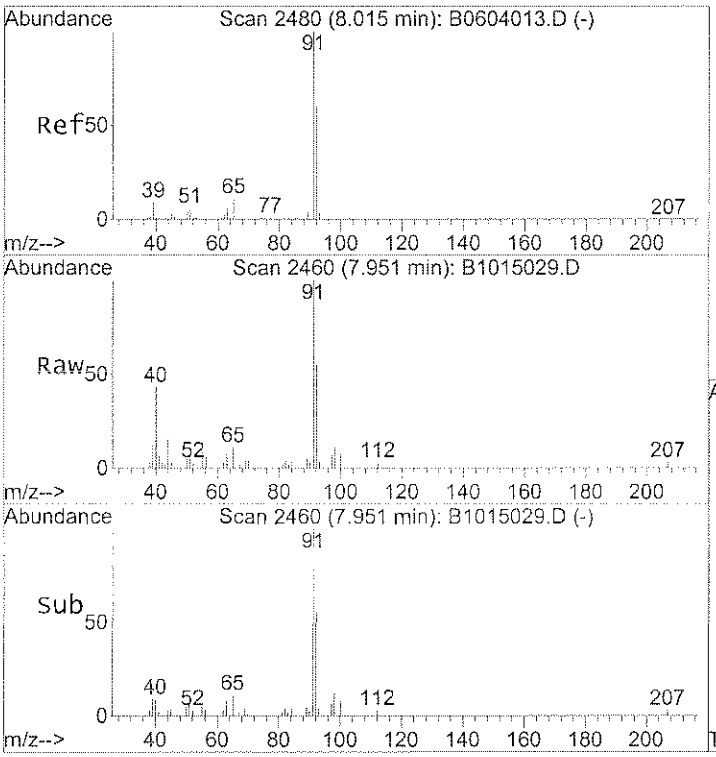


#46
Methylcyclohexane
Concen: 2.11 ug/l
RT: 6.71 min Scan# 2074
Delta R.T. -0.00 min
Lab File: B1015029.D
Acq: 15 Oct 2007 18:31

Tgt Ion: 83 Resp: 9331

Ion	Ratio	Lower	Upper
83	100		
55	88.1	62.1	93.1
98	45.0	36.2	54.2

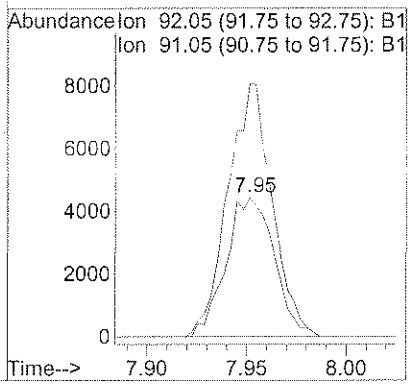


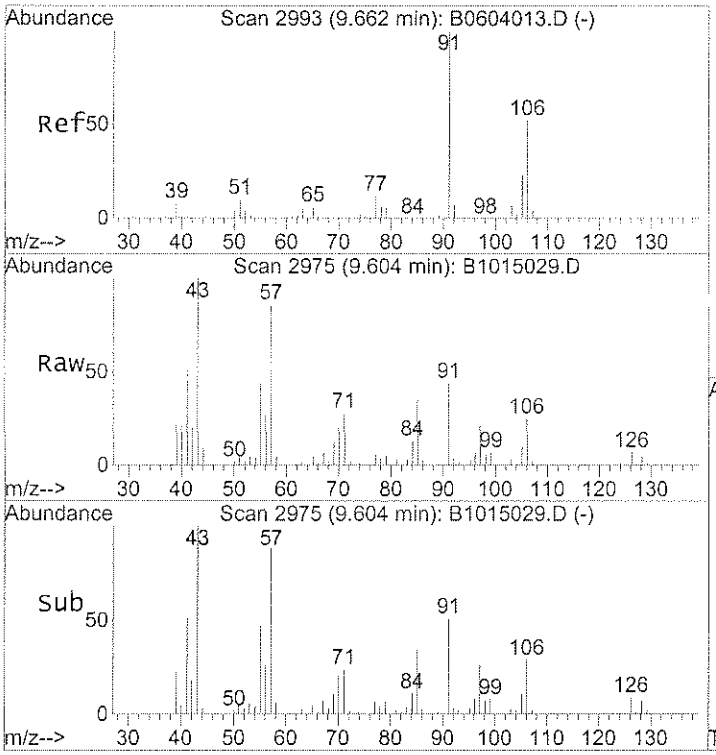


#56
Toluene
Concen: 1.01 ug/l
RT: 7.95 min Scan# 2460
Delta R.T. 0.00 min
Lab File: B1015029.D
Acq: 15 Oct 2007 18:31

Tgt Ion: 92 Resp: 7487

Ion	Ratio	Lower	Upper
92	100		
91	166.6	137.6	206.4

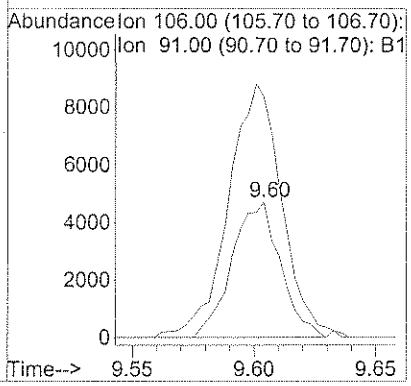


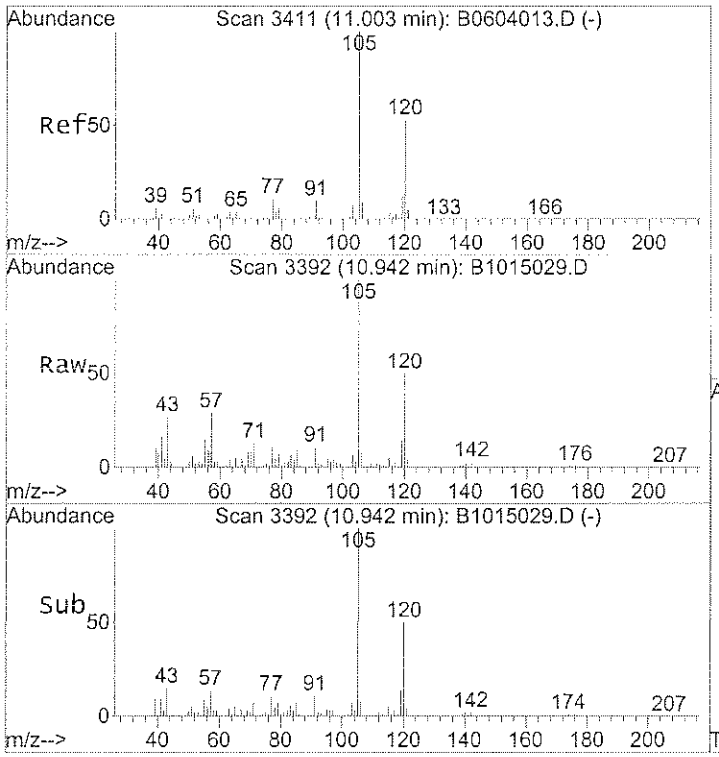


#69
m,p-Xylene
Concen: 1.12 ug/l
RT: 9.60 min Scan# 2975
Delta R.T. 0.00 min
Lab File: B1015029.D
Acq: 15 Oct 2007 18:31

Tgt Ion:106 Resp: 6515

Ion	Ratio	Lower	Upper
106	100		
91	207.0	174.3	214.3

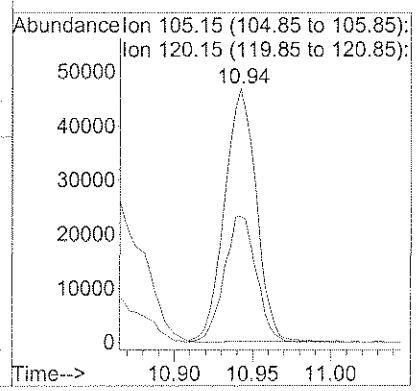


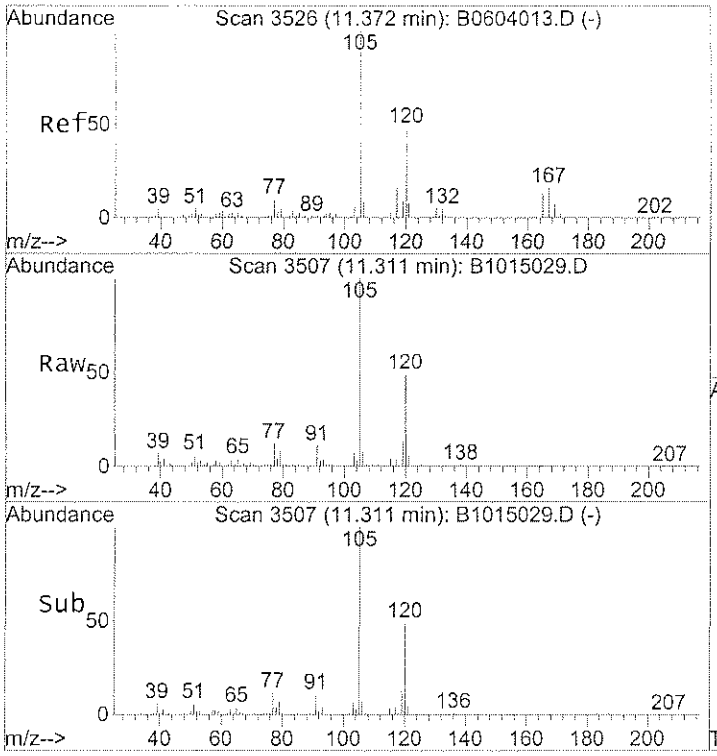


#83
1,3,5-Trimethylbenzene
Concen: 5.19 ug/l
RT: 10.94 min Scan# 3392
Delta R.T. -0.00 min
Lab File: B1015029.D
Acq: 15 Oct 2007 18:31

Tgt Ion:105 Resp: 65920

Ion	Ratio	Lower	Upper
105	100		
120	50.5	40.6	60.8

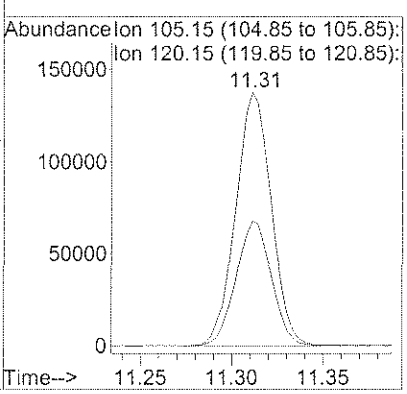


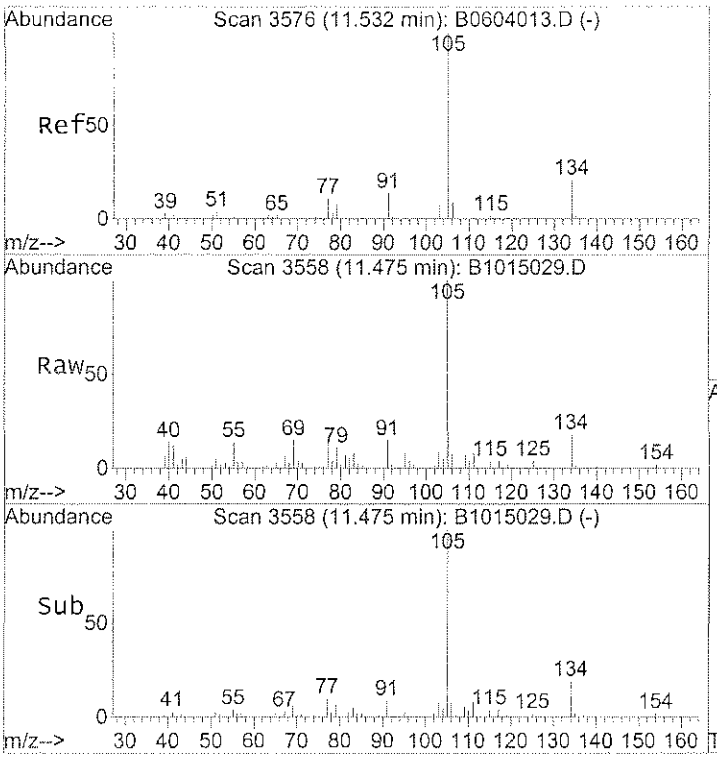


#85
1,2,4-Trimethylbenzene
Concen: 14.19 ug/l
RT: 11.31 min Scan# 3507
Delta R.T. -0.00 min
Lab File: B1015029.D
Acq: 15 Oct 2007 18:31

Tgt Ion:105 Resp: 187233

Ion	Ratio	Lower	Upper
105	100		
120	49.1	37.9	56.9

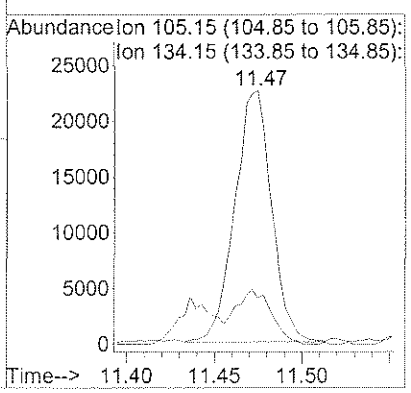


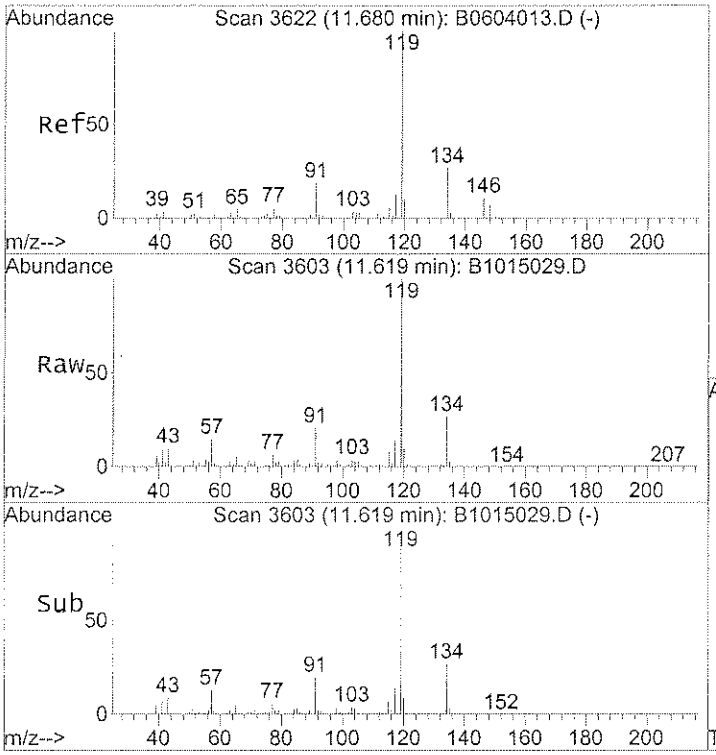


#86
sec-butylbenzene
Concen: 2.15 ug/l
RT: 11.47 min Scan# 3558
Delta R.T. 0.00 min
Lab File: B1015029.D
Acq: 15 Oct 2007 18:31

Tgt Ion:105 Resp: 32842

Ion	Ratio	Lower	Upper
105	100		
134	21.0	17.1	25.7

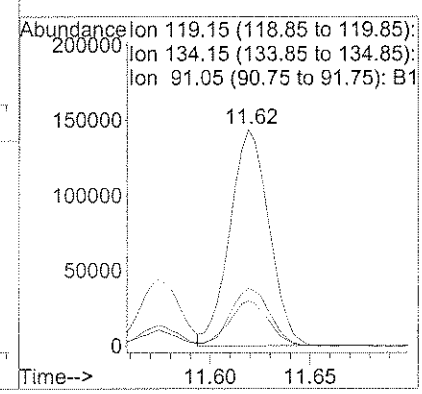


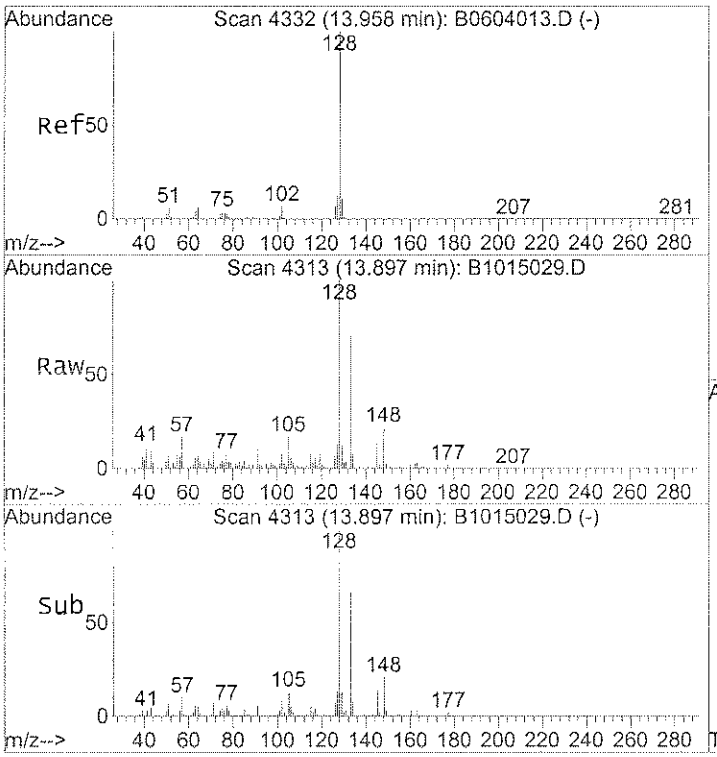


#88
4-Isopropyltoluene
Concen: 13.63 ug/l
RT: 11.62 min Scan# 3603
Delta R.T. -0.00 min
Lab File: B1015029.D
Acq: 15 Oct 2007 18:31

Tgt Ion:119 Resp: 194995

Ion	Ratio	Lower	Upper
119	100		
134	26.9	20.8	31.2
91	20.2	17.3	25.9

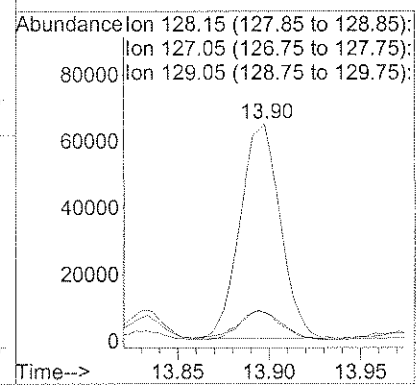




#95
Naphthalene
Concen: 6.81 ug/l
RT: 13.90 min Scan# 4313
Delta R.T. 0.00 min
Lab File: B1015029.D
Acq: 15 Oct 2007 18:31

Tgt Ion:128 Resp: 97941

Ion	Ratio	Lower	Upper
128	100		
127	14.4	9.8	14.6
129	15.2	8.4	12.6#



1

VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

08SSW005

Lab Name: _____ Contract: _____

SDG No.: TT02001 Run Sequence: R022318

Matrix: (SOIL/SED/WATER) Soil Lab Sample ID: TT02001-005

Sample wt/vol: 5.41 (g/mL) gm Lab File ID: B1009019.D

Level: (LOW/MED) _____ Date Collected: 10/03/2007

% Moisture: not dec. 17.0 Date/Time Analyzed: 10/09/2007 12:45

GC Column: ZB-624 20m ID: 0.18 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____(uL) Soil Aliquot Volume: _____(uL)

Heated Purge: (Y/N) Y

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/kg	Q
1330-20-7	XYLENES, TOTAL	1.1	U
75-71-8	DICHLORODIFLUOROMETHANE	1.1	U
74-87-3	CHLOROMETHANE	1.1	U
75-01-4	VINYL CHLORIDE	1.1	U
74-83-9	BROMOMETHANE	1.1	U
75-00-3	CHLOROETHANE	10	
75-69-4	TRICHLOROFLUOROMETHANE	1.1	U
75-35-4	1,1-DICHLOROETHENE	1.1	U
76-13-1	1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	1.1	U
67-64-1	ACETONE	16	B
75-15-0	CARBON DISULFIDE	1.1	U
79-20-9	METHYL ACETATE	1.1	U
75-09-2	METHYLENE CHLORIDE	1.1	U
1634-04-4	METHYL TERT-BUTYL ETHER	1.1	U
156-60-5	TRANS-1,2-DICHLOROETHENE	1.1	U
75-34-3	1,1-DICHLOROETHANE	4.6	
156-59-2	CIS-1,2-DICHLOROETHENE	2.1	J
78-93-3	2-BUTANONE	1.1	U
67-66-3	CHLOROFORM	1.1	U
71-55-6	1,1,1-TRICHLOROETHANE	1.1	U
110-82-7	CYCLOHEXANE	1.1	U
56-23-5	CARBON TETRACHLORIDE	1.1	U
71-43-2	BENZENE	1.1	U
107-06-2	1,2-DICHLOROETHANE	1.1	U
79-01-6	TRICHLOROETHENE	2.0	J
108-87-2	METHYLCYCLOHEXANE	1.1	U
78-87-5	1,2-DICHLOROPROPANE	1.1	U
75-27-4	BROMODICHLOROMETHANE	1.1	U
10061-01-	CIS-1,3-DICHLOROPROPENE	1.1	U

1

VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

08SSW005

Lab Name: _____ Contract: _____

SDG No.: TT02001 Run Sequence: R022318

Matrix: (SOIL/SED/WATER) Soil Lab Sample ID: TT02001-005

Sample wt/vol: 5.41 (g/mL) gm Lab File ID: B1009019.D

Level: (LOW/MED) _____ Date Collected: 10/03/2007

% Moisture: not dec. 17.0 Date/Time Analyzed: 10/09/2007 12:45

GC Column: ZB-624 20m ID: 0.18 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____(uL) Soil Aliquot Volume: _____(uL)

Heated Purge: (Y/N) Y

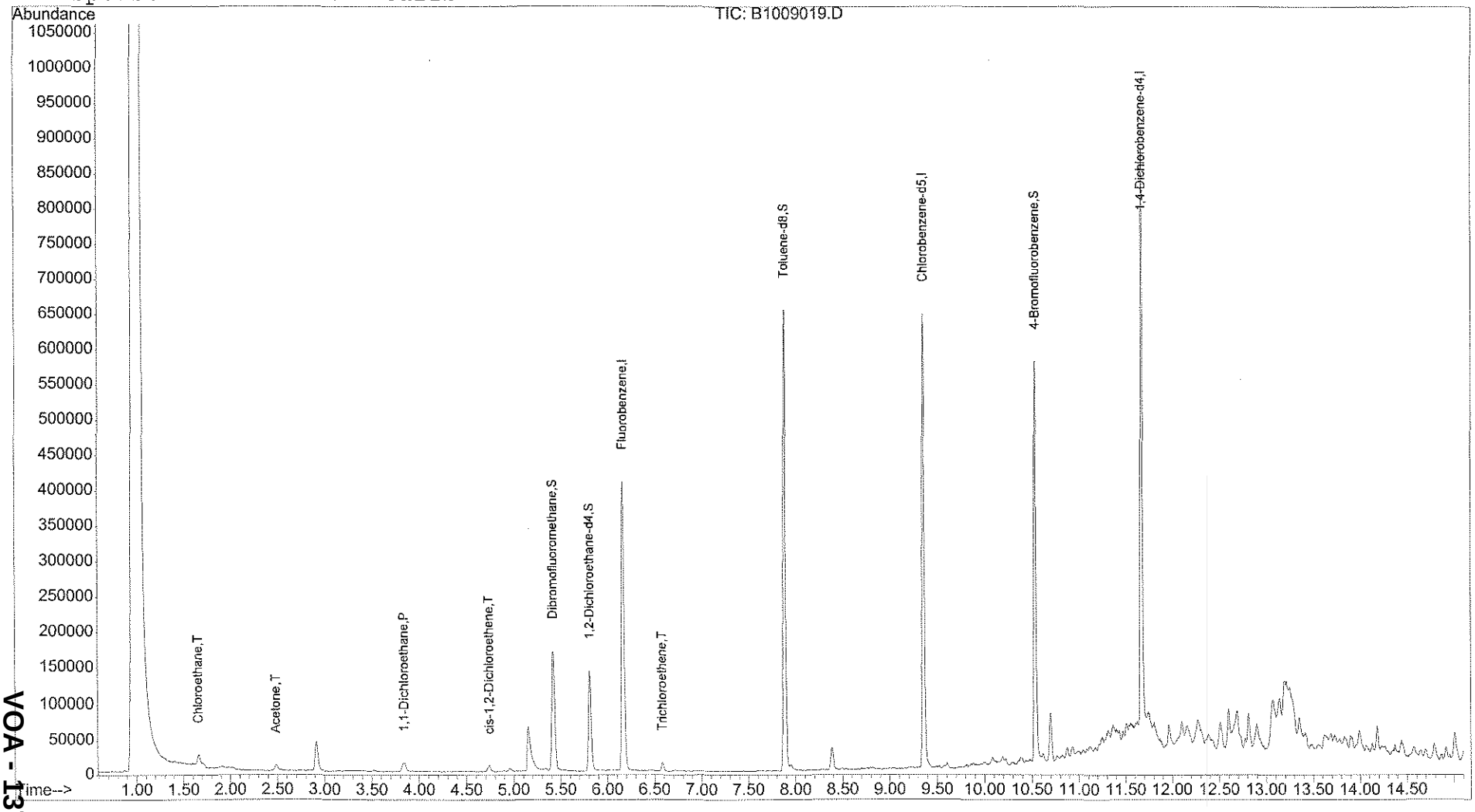
CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/kg	Q
108-10-1	4-METHYL-2-PENTANONE	1.1	U
108-88-3	TOLUENE	1.1	U
10061-02-	TRANS-1,3-DICHLOROPROPENE	1.1	U
79-00-5	1,1,2-TRICHLOROETHANE	1.1	U
127-18-4	TETRACHLOROETHENE	1.1	U
591-78-6	2-HEXANONE	1.1	U
124-48-1	DIBROMOCHLOROMETHANE	1.1	U
106-93-4	1,2-DIBROMOETHANE	1.1	U
108-90-7	CHLOROBENZENE	1.1	U
100-41-4	ETHYLBENZENE	1.1	U
179601-23	M,P-XYLENE	1.1	U
95-47-6	O-XYLENE	1.1	U
100-42-5	STYRENE	1.1	U
75-25-2	BROMOFORM	1.1	U
98-82-8	ISOPROPYLBENZENE	1.1	U
79-34-5	1,1,2,2-TETRACHLOROETHANE	1.1	U
541-73-1	1,3-DICHLOROBENZENE	1.1	U
106-46-7	1,4-DICHLOROBENZENE	1.1	U
95-50-1	1,2-DICHLOROBENZENE	1.1	U
96-12-8	1,2-DIBROMO-3-CHLOROPROPANE	1.1	U
120-82-1	1,2,4-TRICHLOROBENZENE	1.1	U

Comments:

Quantitation Report

Data File : X:\MSVOA\BUDDHA\100907\B1009019.D Vial: 13
Acq On : 9 Oct 2007 12:45 Operator: LPM
Sample : TT02001-005 Inst : Buddha
Misc : #2 5.41GM+ 5ML PFW+IS/SS Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Oct 10 8:00 2007 Quant Results File: B8260S.RES

Method : X:\MSVOA\BUDDHA\QUANT\B8260S.M (RTE Integrator)
Title : VOA 8260- 5ML Soil Calibration 5973B
Last Update : Fri Sep 28 16:30:36 2007
Response via : Initial Calibration



Quantitation Report

Data File : X:\MSVOA\BUDDHA\100907\B1009019.D Vial: 13
Acq On : 9 Oct 2007 12:45 Operator: LPM
Sample : TT02001-005 Inst : Buddha
Misc : #2 5.41GM+ 5ML PFW+IS/SS Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Oct 10 8:00 2007 Quant Results File: B8260S.RES

Quant Method : X:\MSVOA\BUDDHA\QUANT\B8260S.M (RTE Integrator)
Title : VOA 8260- 5ML Soil Calibration 5973B
Last Update : Fri Sep 28 16:30:36 2007
Response via : Initial Calibration
DataAcq Meth : 8260
IS QA File : X:\MSVOA\BUDDHA\092807\B0928013.D (28 Sep 2007 12:55)

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min) Rcv(Ar)
1) Fluorobenzene	6.17	96	398493	50.00 ug/l	0.00 63.75%
54) Chlorobenzene-d5	9.36	117	361133	50.00 ug/l	0.00 71.61%
74) 1,4-Dichlorobenzene-d4	11.67	152	218779	50.00 ug/l	0.00 66.03%

System Monitoring Compounds

37) Dibromofluoromethane	5.42	111	120266	53.49 ug/l	0.00
Spiked Amount 50.000	Range 65 - 135		Recovery = 106.98%		
40) 1,2-Dichloroethane-d4	5.81	65	100357	49.98 ug/l	0.00
Spiked Amount 50.000	Range 52 - 149		Recovery = 99.96%		
55) Toluene-d8	7.88	98	422030	51.50 ug/l	0.00
Spiked Amount 50.000	Range 85 - 115		Recovery = 103.00%		
76) 4-Bromofluorobenzene	10.54	95	170478	49.56 ug/l	0.00
Spiked Amount 50.000	Range 85 - 120		Recovery = 99.12%		

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.09	85	62	N.D.	
3) Chloromethane	1.23	50	28	N.D.	
4) Vinyl Chloride	1.31	62	36	N.D.	
5) Bromomethane	1.56	96	57	N.D.	
6) Chloroethane	1.66	64	14502	9.28 ug/l	92
7) Trichlorofluoromethane	0.00	101	0	N.D.	
8) Acrolein	2.30	56	336	Below Cal #	45
9) 1,1-Dichloroethene	2.35	96	28	N.D.	
10) 1,1,2-Trichloro-1,2,2-trif	2.35	101	36	N.D.	
11) Acetone	2.48	43	13380	14.80 ug/l	91
12) Iodomethane	0.00	142	0	N.D.	
13) Bromoethane	0.00	108	0	N.D.	
14) Carbon Disulfide	2.54	76	1602	N.D.	
15) Allyl chloride	0.00	76	0	N.D.	
16) Acetonitrile	2.82	41	128	N.D.	
17) Methyl Acetate	0.00	43	0	N.D.	
18) Methylene Chloride	2.91	84	23751	Below Cal	92
19) trans-1,2-Dichloroethene	3.23	96	26	N.D.	
20) t-Butyl alcohol	0.00	59	0	N.D.	
21) Methyl tert-butyl ether	0.00	73	0	N.D.	
22) Acrylonitrile	0.00	53	0	N.D.	

(#) = qualifier out of range (m) = manual integration

Quantitation Report

Data File : X:\MSVOA\BUDDHA\100907\B1009019.D Vial: 13
Acq On : 9 Oct 2007 12:45 Operator: LPM
Sample : TT02001-005 Inst : Buddha
Misc : #2 5.41GM+ 5ML PFW+IS/SS Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Oct 10 8:00 2007 Quant Results File: B8260S.RES

Quant Method : X:\MSVOA\BUDDHA\QUANT\B8260S.M (RTE Integrator)
Title : VOA 8260- 5ML Soil Calibration 5973B
Last Update : Fri Sep 28 16:30:36 2007
Response via : Initial Calibration
DataAcq Meth : 8260

Compound	R.T.	QIon	Response	Conc Unit	Qvalue
23) 1,1-Dichloroethane	3.84	63	18709	4.16 ug/l	69
24) Chloroprene	0.00	53	0	N.D.	
25) Isopropyl ether	0.00	45	0	N.D.	
26) Vinyl acetate	0.00	43	0	N.D.	
27) Ethyl-t-butyl ether	0.00	59	0	N.D.	
28) 2,2-Dichloropropane	0.00	77	0	N.D.	
29) cis-1,2-Dichloroethene	4.74	96	5549	1.87 ug/l	80
30) 2-Butanone	4.90	43	1798	N.D.	
31) Propionitrile	0.00	54	0	N.D.	
32) Bromochloromethane	0.00	128	0	N.D.	
33) Methacrylonitrile	0.00	41	0	N.D. d	
34) Chloroform	5.21	83	139	N.D.	
35) 1,1,1-Trichloroethane	5.33	97	1437	N.D.	
36) Cyclohexane	5.35	56	36	N.D.	
38) Carbon Tetrachloride	0.00	117	0	N.D.	
39) 1,1-Dichloropropene	0.00	75	0	N.D.	
41) Benzene	5.80	78	474	N.D.	
42) 1,2-Dichloroethane	0.00	62	0	N.D.	
43) t-Amyl methyl ether	0.00	73	0	N.D.	
44) Isobutanol	6.06	43	30	N.D.	
45) Trichloroethene	6.58	130	4735	1.76 ug/l	94
46) Methylcyclohexane	6.71	83	426	N.D.	
47) 1,2-Dichloropropane	0.00	63	0	N.D.	
48) Dibromomethane	0.00	93	0	N.D.	
49) Methyl methacrylate	7.03	41	69	N.D.	
50) Bromodichloromethane	0.00	83	0	N.D.	
51) 2-Chloroethyl vinyl ether	0.00	63	0	N.D.	
52) cis-1,3-Dichloropropene	0.00	75	0	N.D.	
53) 4-Methyl-2-pentanone	7.85	43	276	N.D.	
56) Toluene	7.95	92	1673	N.D.	
57) trans-1,3-Dichloropropene	8.37	75	40	N.D.	
58) Ethyl methacrylate	8.35	69	94	N.D.	
59) 1,1,2-Trichloroethane	8.45	97	243	N.D.	
60) Tetrachloroethene	8.49	166	644	N.D.	
61) 1,3-Dichloropropane	8.61	76	34	N.D.	
62) 2-Hexanone	8.70	43	104	N.D.	
63) Dibromochloromethane	8.82	129	36	N.D.	
64) 1,2-Dibromoethane	8.83	107	33	N.D.	
65) 1-Chlorohexane	9.36	91	1368	N.D.	
66) Chlorobenzene	9.39	112	87	N.D.	
67) 1,1,1,2-Tetrachloroethane	9.48	131	68	N.D.	

(#) = qualifier out of range (m) = manual integration

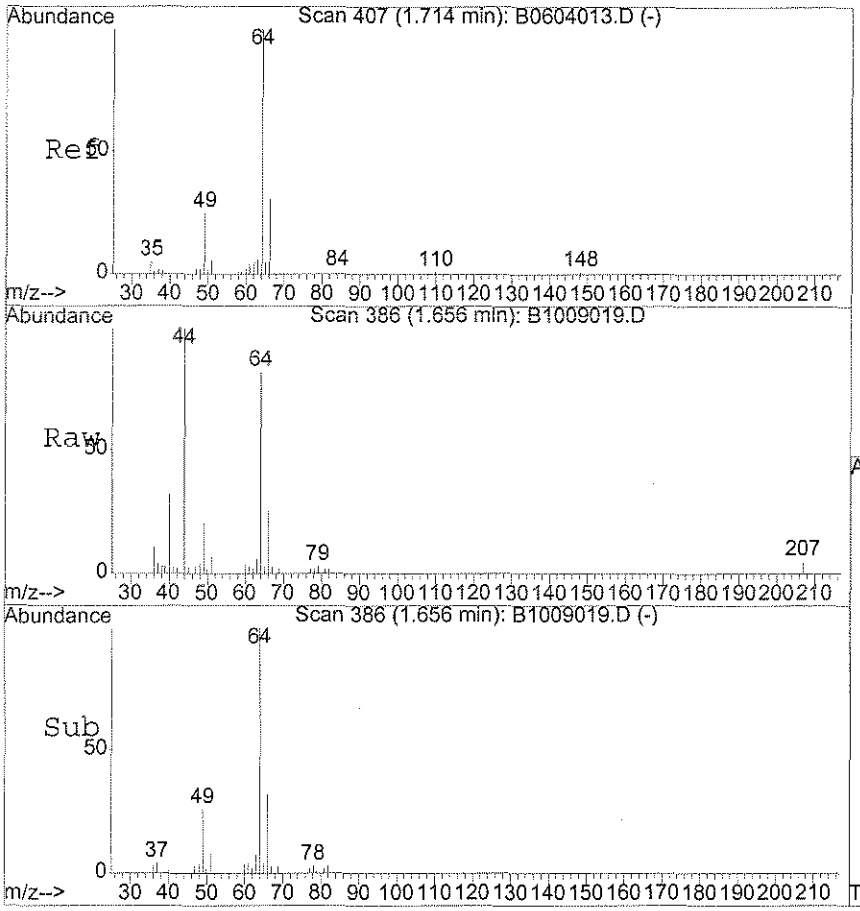
Quantitation Report

Data File : X:\MSVOA\BUDDHA\100907\B1009019.D Vial: 13
Acq On : 9 Oct 2007 12:45 Operator: LPM
Sample : TT02001-005 Inst : Buddha
Misc : #2 5.41GM+ 5ML PFW+IS/SS Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Oct 10 8:00 2007 Quant Results File: B8260S.RES

Quant Method : X:\MSVOA\BUDDHA\QUANT\B8260S.M (RTE Integrator)
Title : VOA 8260- 5ML Soil Calibration 5973B
Last Update : Fri Sep 28 16:30:36 2007
Response via : Initial Calibration
DataAcq Meth : 8260

	Compound	R.T.	QIon	Response	Conc Unit	Qvalue
68)	Ethylbenzene	9.49	91	1697	N.D.	
69)	m,p-Xylene	9.60	106	1044	N.D.	
70)	o-xylene	10.00	106	720	N.D.	
71)	Styrene	9.79	104	141	N.D.	
72)	Bromoform	10.26	173	37	N.D.	
73)	Isopropylbenzene	10.35	105	688	N.D.	
75)	trans-1,4-Dichloro-2-buten	10.50	53	49	N.D.	
77)	Bromobenzene	10.67	156	30	N.D.	
78)	1,1,2,2-Tetrachloroethane	10.76	83	423	N.D.	
79)	1,2,3-Trichloropropane	10.74	110	258	N.D.	
80)	n-Propylbenzene	10.76	120	382	N.D.	
81)	2-Chlorotoluene	10.85	91	90	N.D.	
82)	4-Chlorotoluene	10.96	91	435	N.D.	
83)	1,3,5-Trimethylbenzene	11.06	105	199	N.D.	
84)	tert-Butylbenzene	11.17	119	258	N.D.	
85)	1,2,4-Trimethylbenzene	11.14	105	1841	N.D.	
86)	sec-butylbenzene	11.47	105	1641	N.D.	
87)	1,3-Dichlorobenzene	11.61	146	933	N.D.	
88)	4-Isopropyltoluene	11.62	119	2760	N.D.	
89)	1,4-Dichlorobenzene	11.70	146	1861	N.D.	
90)	1,2-Dichlorobenzene	12.07	146	317	N.D.	
91)	n-Butylbenzene	12.02	91	2397	N.D.	
92)	1,2-Dibromo-3-chloropropan	12.88	75	372	N.D.	
93)	1,2,4-Trichlorobenzene	13.65	180	769	N.D.	
94)	Hexachlorobutadiene	0.00	225	0	N.D.	
95)	Naphthalene	13.89	128	9753	N.D.	
96)	1,2,3-Trichlorobenzene	14.14	180	703	N.D.	

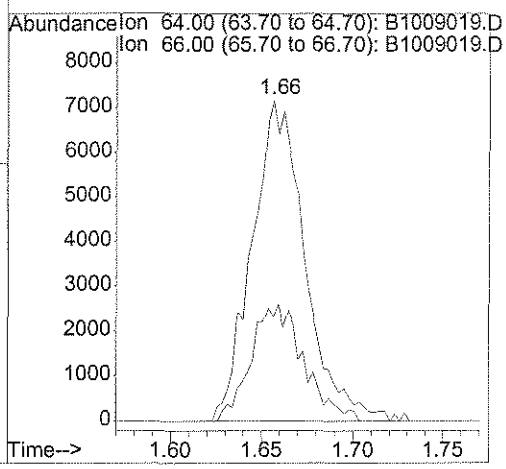
(#) = qualifier out of range (m) = manual integration

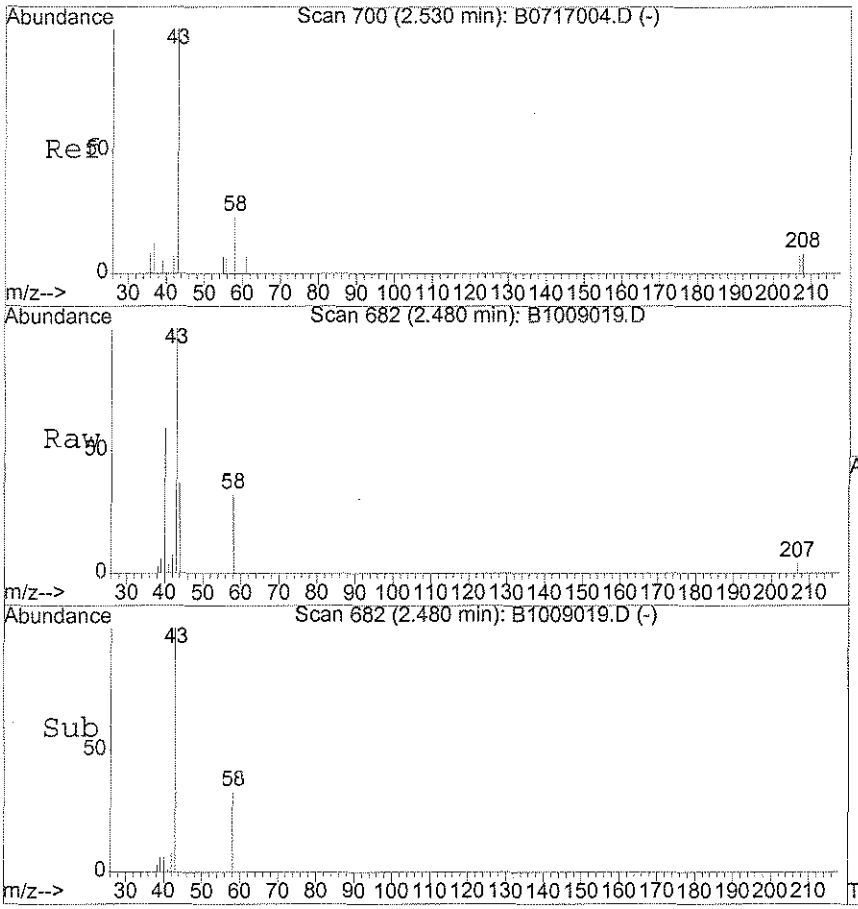


#6
Chloroethane
Concen: 9.28 ug/l
RT: 1.66 min Scan# 386
Delta R.T. 0.01 min
Lab File: B1009019.D
Acq: 9 Oct 2007 12:45

Tgt Ion: 64 Resp: 14502

Ion	Ratio	Lower	Upper
64	100		
66	35.9	11.6	51.6

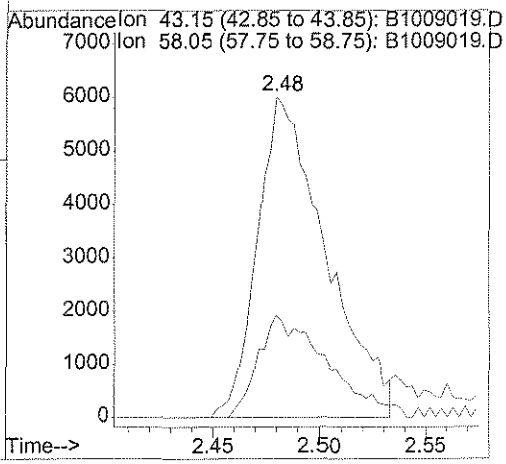


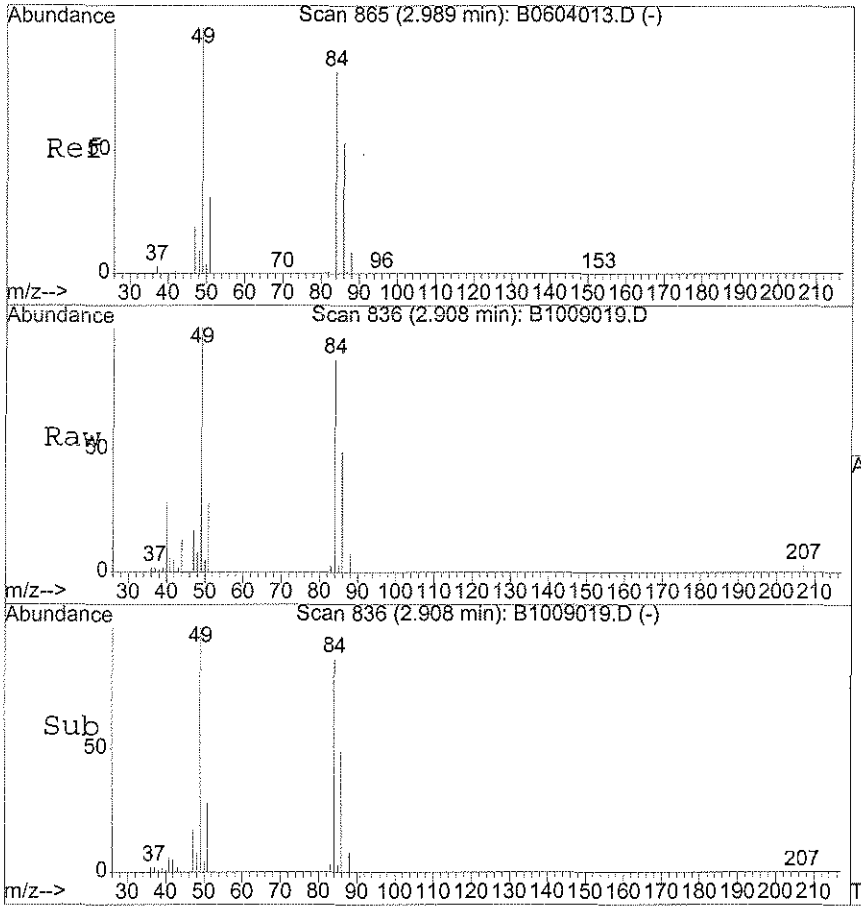


#11
Acetone
Concen: 14.80 ug/l
RT: 2.48 min Scan# 682
Delta R.T. 0.00 min
Lab File: B1009019.D
Acq: 9 Oct 2007 12:45

Tgt Ion: 43 Resp: 13380

Ion	Ratio	Lower	Upper
43	100		
58	32.3	22.0	33.0

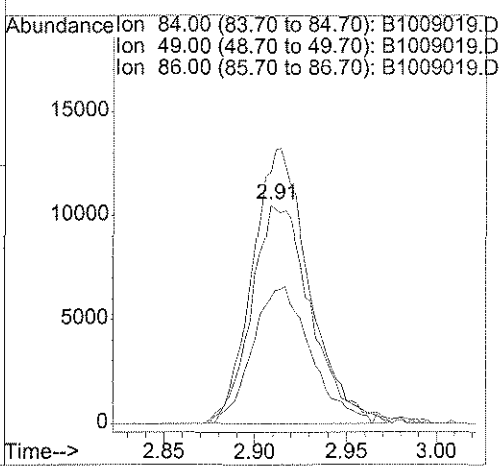


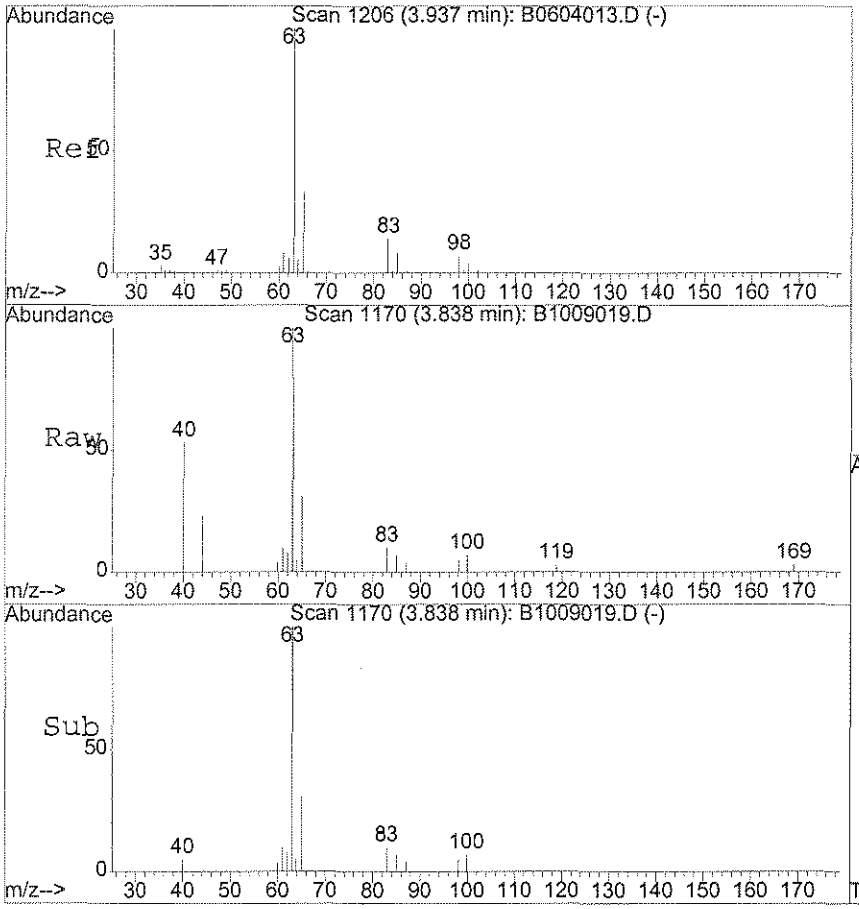


#18
Methylene Chloride
Concen: Below Cal
RT: 2.91 min Scan# 836
Delta R.T. -0.00 min
Lab File: B1009019.D
Acq: 9 Oct 2007 12:45

Tgt Ion: 84 Resp: 23751

Ion	Ratio	Lower	Upper
84	100		
49	121.8	113.6	153.6
86	61.5	45.8	85.8

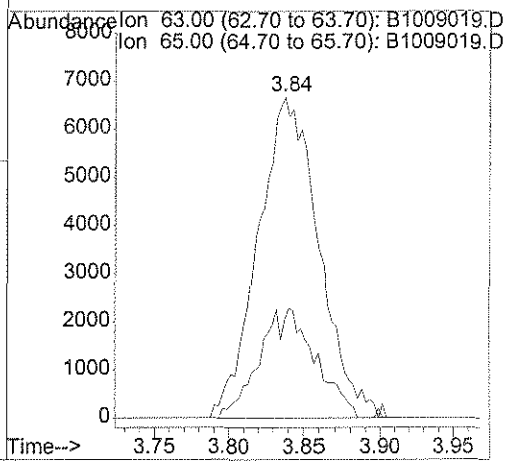


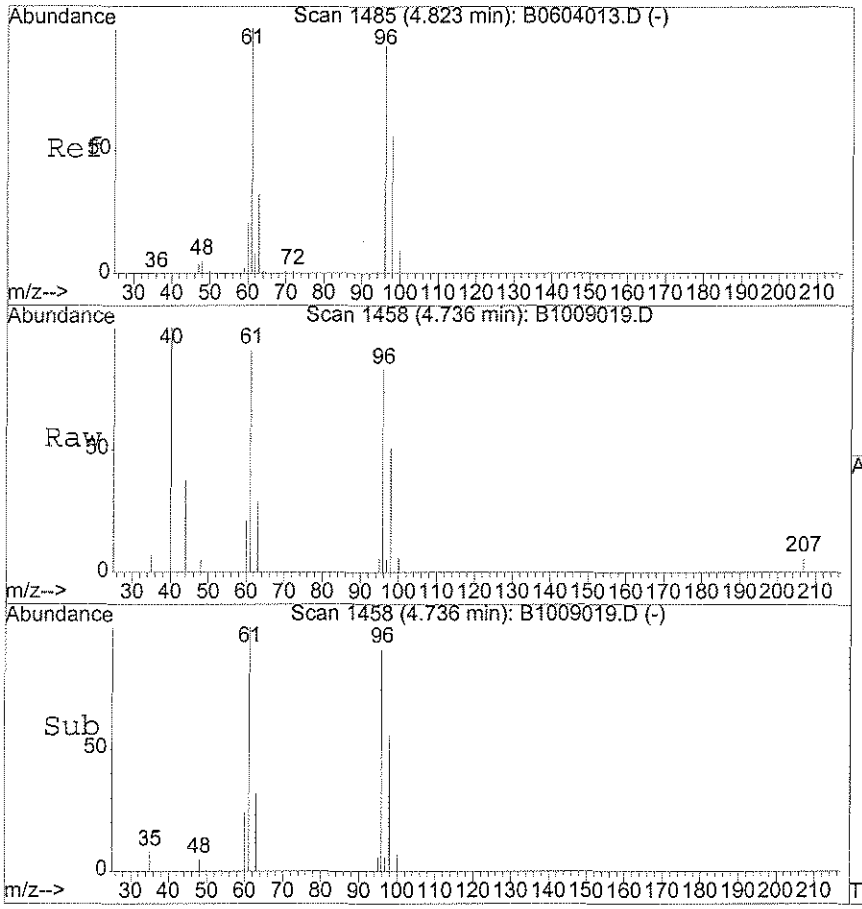


#23
1,1-Dichloroethane
Concen: 4.16 ug/l
RT: 3.84 min Scan# 1170
Delta R.T. 0.00 min
Lab File: B1009019.D
Acq: 9 Oct 2007 12:45

Tgt Ion: 63 Resp: 18709

Ion	Ratio	Lower	Upper
63	100		
65	13.5	10.2	50.2

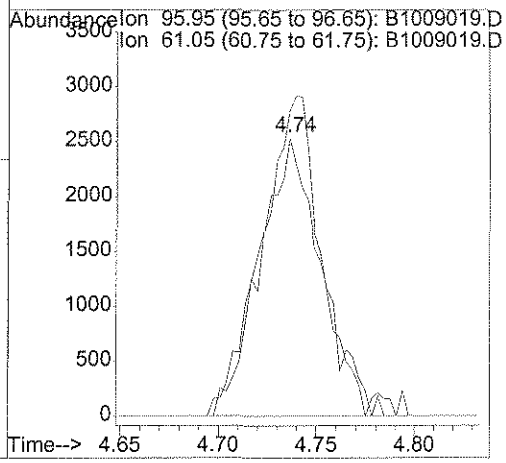


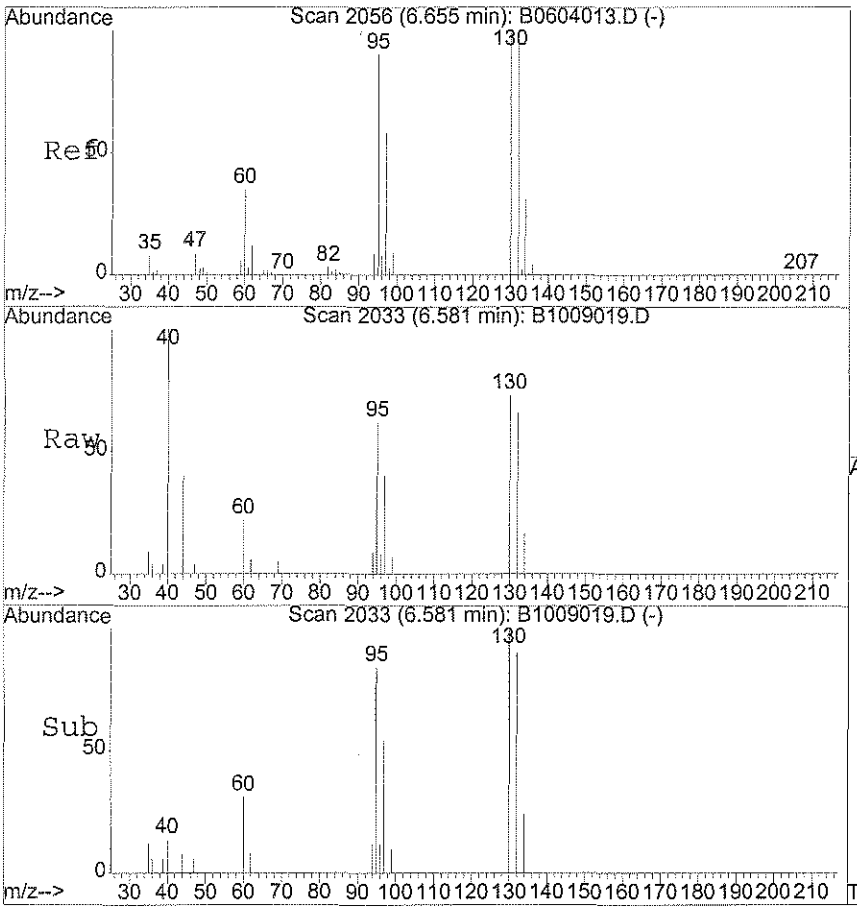


#29
cis-1,2-Dichloroethene
Concen: 1.87 ug/l
RT: 4.74 min Scan# 1458
Delta R.T. 0.00 min
Lab File: B1009019.D
Acq: 9 Oct 2007 12:45

Tgt Ion: 96 Resp: 5549

Ion	Ratio	Lower	Upper
96	100		
61	110.6	107.4	161.0

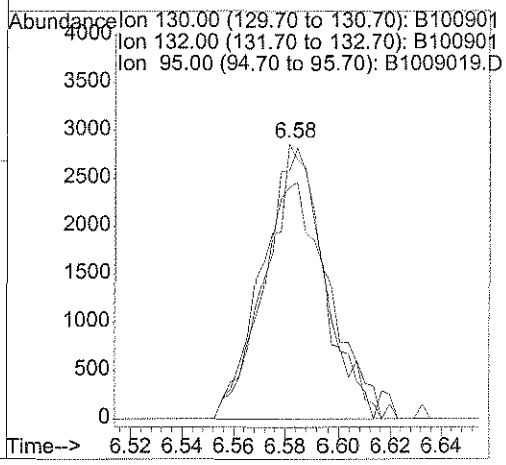




#45
Trichloroethene
Concen: 1.76 ug/l
RT: 6.58 min Scan# 2033
Delta R.T. -0.00 min
Lab File: B1009019.D
Acq: 9 Oct 2007 12:45

Tgt Ion:130 Resp: 4735

Ion	Ratio	Lower	Upper
130	100		
132	95.2	80.2	120.2
95	89.2	75.8	115.8



1

VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

08SSW006

Lab Name: _____ Contract: _____

SDG No.: TT02001 Run Sequence: R022318

Matrix: (SOIL/SED/WATER) Soil Lab Sample ID: TT02001-006

Sample wt/vol: 4.01 (g/mL) gm Lab File ID: B1009020.D

Level: (LOW/MED) _____ Date Collected: 10/03/2007

% Moisture: not dec. 18.0 Date/Time Analyzed: 10/09/2007 13:11

GC Column: ZB-624 20m ID: 0.18 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____(uL) Soil Aliquot Volume: _____(uL)

Heated Purge: (Y/N) Y

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/kg	Q
1330-20-7	XYLENES, TOTAL	1.5	U
75-71-8	DICHLORODIFLUOROMETHANE	1.5	U
74-87-3	CHLOROMETHANE	1.5	U
75-01-4	VINYL CHLORIDE	2.8	J
74-83-9	BROMOMETHANE	1.5	U
75-00-3	CHLOROETHANE	17	
75-69-4	TRICHLOROFLUOROMETHANE	1.5	U
75-35-4	1,1-DICHLOROETHENE	1.5	U
76-13-1	1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	1.5	U
67-64-1	ACETONE	1.5	U
75-15-0	CARBON DISULFIDE	1.5	U
79-20-9	METHYL ACETATE	1.5	U
75-09-2	METHYLENE CHLORIDE	29	B
1634-04-4	METHYL TERT-BUTYL ETHER	1.5	U
156-60-5	TRANS-1,2-DICHLOROETHENE	1.5	U
75-34-3	1,1-DICHLOROETHANE	8.2	
156-59-2	CIS-1,2-DICHLOROETHENE	21	
78-93-3	2-BUTANONE	1.5	U
67-66-3	CHLOROFORM	1.5	U
71-55-6	1,1,1-TRICHLOROETHANE	21	
110-82-7	CYCLOHEXANE	1.5	U
56-23-5	CARBON TETRACHLORIDE	1.5	U
71-43-2	BENZENE	1.5	U
107-06-2	1,2-DICHLOROETHANE	1.5	U
79-01-6	TRICHLOROETHENE	8.5	
108-87-2	METHYLCYCLOHEXANE	1.5	U
78-87-5	1,2-DICHLOROPROPANE	1.5	U
75-27-4	BROMODICHLOROMETHANE	1.5	U
10061-01-	CIS-1,3-DICHLOROPROPENE	1.5	U

1

VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

08SSW006

Lab Name: _____ Contract: _____

SDG No.: TT02001 Run Sequence: R022318

Matrix: (SOIL/SED/WATER) Soil Lab Sample ID: TT02001-006

Sample wt/vol: 4.01 (g/mL) gm Lab File ID: B1009020.D

Level: (LOW/MED) _____ Date Collected: 10/03/2007

% Moisture: not dec. 18.0 Date/Time Analyzed: 10/09/2007 13:11

GC Column: ZB-624 20m ID: 0.18 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____(uL) Soil Aliquot Volume: _____(uL)

Heated Purge: (Y/N) Y

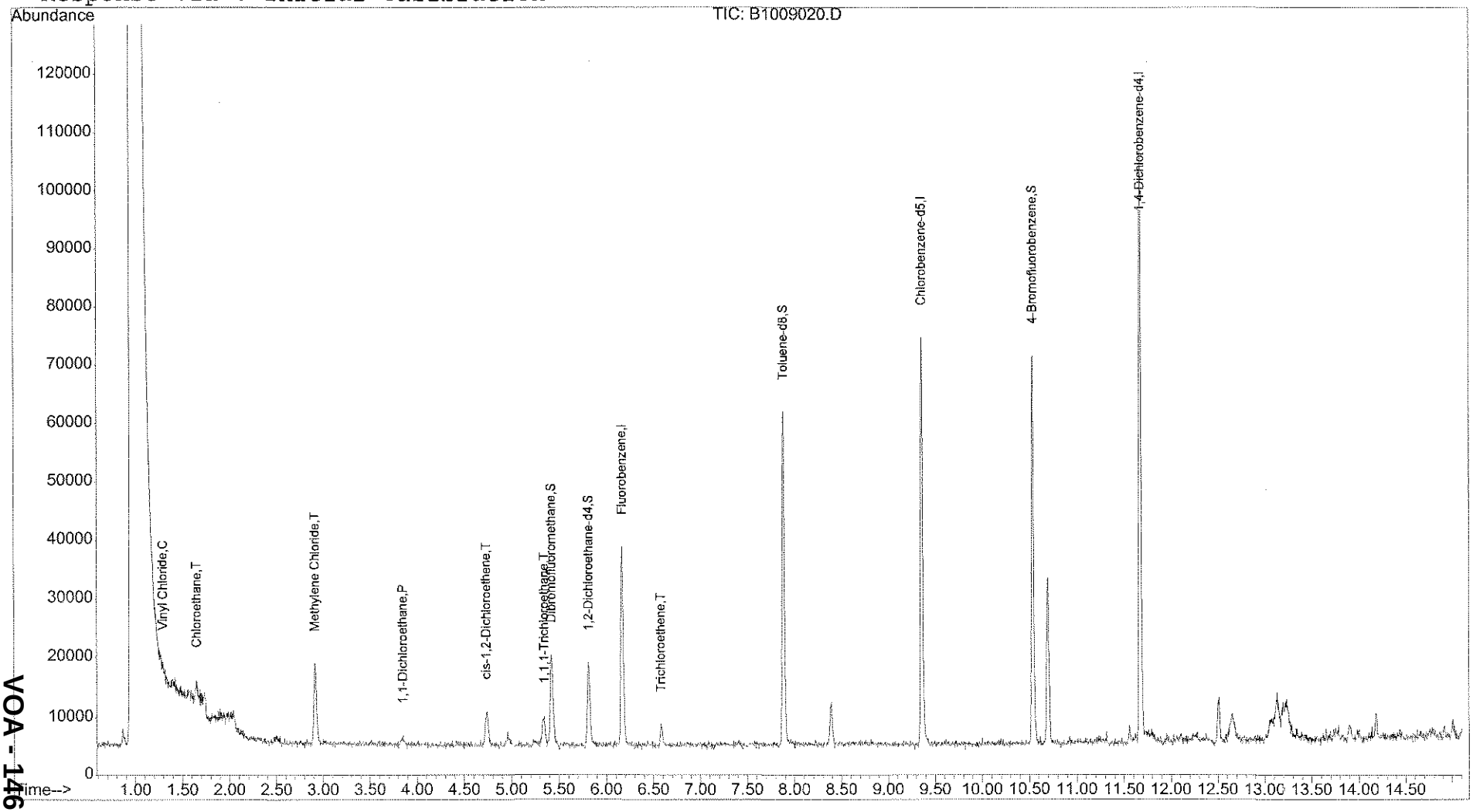
CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/kg	Q
108-10-1	4-METHYL-2-PENTANONE	1.5	U
108-88-3	TOLUENE	1.5	U
10061-02-	TRANS-1,3-DICHLOROPROPENE	1.5	U
79-00-5	1,1,2-TRICHLOROETHANE	1.5	U
127-18-4	TETRACHLOROETHENE	1.5	U
591-78-6	2-HEXANONE	1.5	U
124-48-1	DIBROMOCHLOROMETHANE	1.5	U
106-93-4	1,2-DIBROMOETHANE	1.5	U
108-90-7	CHLOROBENZENE	1.5	U
100-41-4	ETHYLBENZENE	1.5	U
179601-23	M,P-XYLENE	1.5	U
95-47-6	O-XYLENE	1.5	U
100-42-5	STYRENE	1.5	U
75-25-2	BROMOFORM	1.5	U
98-82-8	ISOPROPYLBENZENE	1.5	U
79-34-5	1,1,2,2-TETRACHLOROETHANE	1.5	U
541-73-1	1,3-DICHLOROBENZENE	1.5	U
106-46-7	1,4-DICHLOROBENZENE	1.5	U
95-50-1	1,2-DICHLOROBENZENE	1.5	U
96-12-8	1,2-DIBROMO-3-CHLOROPROPANE	1.5	U
120-82-1	1,2,4-TRICHLOROBENZENE	1.5	U

Comments:

Quantitation Report

Data File : X:\MSVOA\BUDDHA\100907\B1009020.D Vial: 14
Acq On : 9 Oct 2007 13:11 Operator: LPM
Sample : TT02001-006 Inst : Buddha
Misc : #2 4.01GM+ 5ML PFW+IS/SS Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Oct 10 8:04 2007 Quant Results File: B8260S.RES

Method : X:\MSVOA\BUDDHA\QUANT\B8260S.M (RTE Integrator)
Title : VOA 8260- 5ML Soil Calibration 5973B
Last Update : Fri Sep 28 16:30:36 2007
Response via : Initial Calibration



VOA - 146

Quantitation Report

Data File : X:\MSVOA\BUDDHA\100907\B1009020.D Vial: 14
Acq On : 9 Oct 2007 13:11 Operator: LPM
Sample : TT02001-006 Inst : Buddha
Misc : #2 4.01GM+ 5ML PFW+IS/SS Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Oct 10 8:04 2007 Quant Results File: B8260S.RES

Quant Method : X:\MSVOA\BUDDHA\QUANT\B8260S.M (RTE Integrator)
Title : VOA 8260- 5ML Soil Calibration 5973B
Last Update : Fri Sep 28 16:30:36 2007
Response via : Initial Calibration
DataAcq Meth : 8260
IS QA File : X:\MSVOA\BUDDHA\092807\B0928013.D (28 Sep 2007 12:55)

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min) Rcv(Ar)
1) Fluorobenzene	6.17	96	33235	50.00 ug/l	0.00 5.32%
54) Chlorobenzene-d5	9.36	117	40954	50.00 ug/l	0.00 8.12%
74) 1,4-Dichlorobenzene-d4	11.67	152	27361	50.00 ug/l	0.00 8.26%

System Monitoring Compounds					
37) Dibromofluoromethane	5.42	111	10632	56.70 ug/l	0.00
Spiked Amount 50.000	Range 65 - 135		Recovery = 113.40%		
40) 1,2-Dichloroethane-d4	5.81	65	10265	61.30 ug/l	0.00
Spiked Amount 50.000	Range 52 - 149		Recovery = 122.60%		
55) Toluene-d8	7.88	98	38428	41.35 ug/l	0.00
Spiked Amount 50.000	Range 85 - 115		Recovery = 82.70%#		
76) 4-Bromofluorobenzene	10.54	95	20668	48.05 ug/l	0.00
Spiked Amount 50.000	Range 85 - 120		Recovery = 96.10%		

Target Compounds					Qvalue
2) Dichlorodifluoromethane	0.00	85	0	N.D.	
3) Chloromethane	0.00	50	0	N.D.	
4) Vinyl Chloride	1.30	62	415	1.84 ug/l	81
5) Bromomethane	1.59	96	34	N.D.	
6) Chloroethane	1.65	64	1443	11.07 ug/l	100
7) Trichlorofluoromethane	0.00	101	0	N.D.	
8) Acrolein	2.30	56	34	Below Cal #	13
9) 1,1-Dichloroethene	0.00	96	0	N.D.	
10) 1,1,2-Trichloro-1,2,2-trif	0.00	101	0	N.D.	
11) Acetone	0.00	43	0	N.D. d	
12) Iodomethane	0.00	142	0	N.D.	
13) Bromoethane	0.00	108	0	N.D.	
14) Carbon Disulfide	2.54	76	53	N.D.	
15) Allyl chloride	0.00	76	0	N.D.	
16) Acetonitrile	2.82	41	27	N.D.	
17) Methyl Acetate	2.83	43	25	N.D.	
18) Methylene Chloride	2.91	84	6964	19.02 ug/l	93
19) trans-1,2-Dichloroethene	0.00	96	0	N.D.	
20) t-Butyl alcohol	0.00	59	0	N.D.	
21) Methyl tert-butyl ether	0.00	73	0	N.D.	
22) Acrylonitrile	0.00	53	0	N.D.	

(#) = qualifier out of range (m) = manual integration

Quantitation Report

Data File : X:\MSVOA\BUDDHA\100907\B1009020.D Vial: 14
Acq On : 9 Oct 2007 13:11 Operator: LPM
Sample : TT02001-006 Inst : Buddha
Misc : #2 4.01GM+ 5ML PFW+IS/SS Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Oct 10 8:04 2007 Quant Results File: B8260S.RES

Quant Method : X:\MSVOA\BUDDHA\QUANT\B8260S.M (RTE Integrator)
Title : VOA 8260- 5ML Soil Calibration 5973B
Last Update : Fri Sep 28 16:30:36 2007
Response via : Initial Calibration
DataAcq Meth : 8260

	Compound	R.T.	QIon	Response	Conc Unit	Qvalue
23)	1,1-Dichloroethane	3.84	63	2013m	5.36 ug/l #	69
24)	Chloroprene	0.00	53	0	N.D.	
25)	Isopropyl ether	0.00	45	0	N.D.	
26)	Vinyl acetate	0.00	43	0	N.D.	
27)	Ethyl-t-butyl ether	0.00	59	0	N.D.	
28)	2,2-Dichloropropane	0.00	77	0	N.D.	
29)	cis-1,2-Dichloroethene	4.74	96	3335	13.50 ug/l	95
30)	2-Butanone	4.92	43	33	N.D.	
31)	Propionitrile	0.00	54	0	N.D.	
32)	Bromochloromethane	0.00	128	0	N.D.	
33)	Methacrylonitrile	0.00	41	0	N.D. d	
34)	Chloroform	0.00	83	0	N.D.	
35)	1,1,1-Trichloroethane	5.34	97	4128	14.13 ug/l #	56
36)	Cyclohexane	0.00	56	0	N.D.	
38)	Carbon Tetrachloride	0.00	117	0	N.D.	
39)	1,1-Dichloropropene	0.00	75	0	N.D.	
41)	Benzene	5.81	78	33	N.D.	
42)	1,2-Dichloroethane	0.00	62	0	N.D.	
43)	t-Amyl methyl ether	0.00	73	0	N.D.	
44)	Isobutanol	0.00	43	0	N.D.	
45)	Trichloroethene	6.58	130	1251	5.57 ug/l	95
46)	Methylcyclohexane	0.00	83	0	N.D.	
47)	1,2-Dichloropropane	0.00	63	0	N.D.	
48)	Dibromomethane	0.00	93	0	N.D.	
49)	Methyl methacrylate	7.16	41	30	N.D.	
50)	Bromodichloromethane	0.00	83	0	N.D.	
51)	2-Chloroethyl vinyl ether	0.00	63	0	N.D.	
52)	cis-1,3-Dichloropropene	0.00	75	0	N.D.	
53)	4-Methyl-2-pentanone	7.87	43	109	N.D.	
56)	Toluene	7.95	92	29	N.D.	
57)	trans-1,3-Dichloropropene	0.00	75	0	N.D.	
58)	Ethyl methacrylate	0.00	69	0	N.D.	
59)	1,1,2-Trichloroethane	0.00	97	0	N.D.	
60)	Tetrachloroethene	0.00	166	0	N.D.	
61)	1,3-Dichloropropane	0.00	76	0	N.D.	
62)	2-Hexanone	8.70	43	69	N.D.	
63)	Dibromochloromethane	0.00	129	0	N.D.	
64)	1,2-Dibromoethane	0.00	107	0	N.D.	
65)	1-Chlorohexane	9.49	91	89	N.D.	
66)	Chlorobenzene	0.00	112	0	N.D.	
67)	1,1,1,2-Tetrachloroethane	0.00	131	0	N.D.	

(#) = qualifier out of range (m) = manual integration

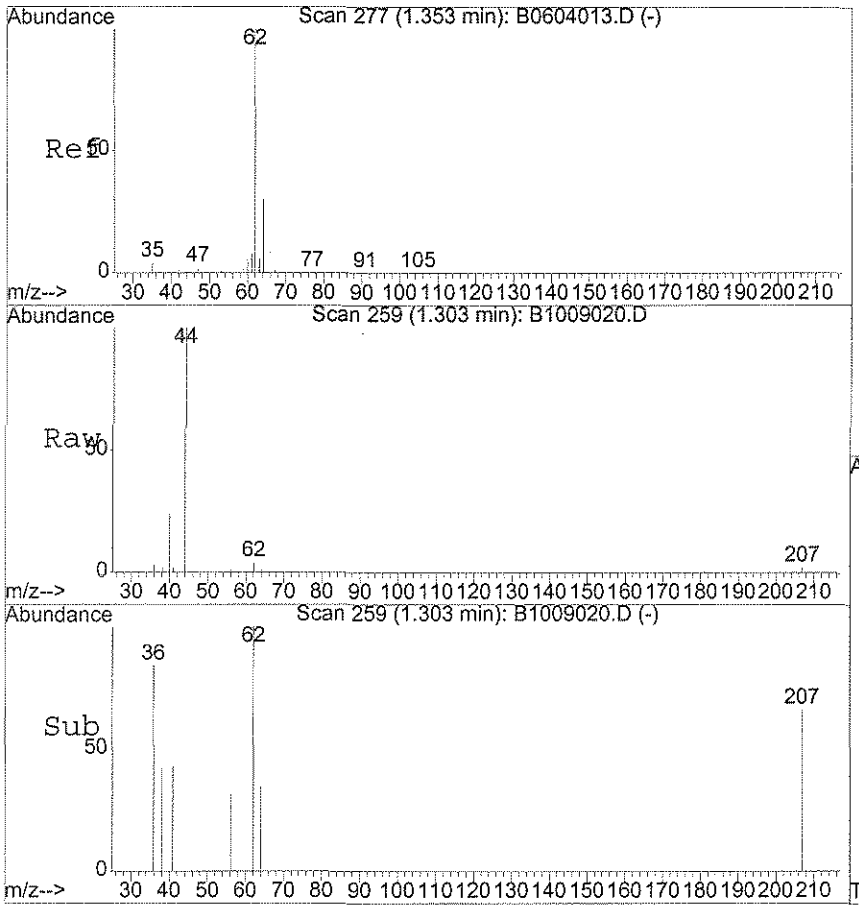
Quantitation Report

Data File : X:\MSVOA\BUDDHA\100907\B1009020.D Vial: 14
Acq On : 9 Oct 2007 13:11 Operator: LPM
Sample : TT02001-006 Inst : Buddha
Misc : #2 4.01GM+ 5ML PFW+IS/SS Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Oct 10 8:04 2007 Quant Results File: B8260S.RES

Quant Method : X:\MSVOA\BUDDHA\QUANT\B8260S.M (RTE Integrator)
Title : VOA 8260- 5ML Soil Calibration 5973B
Last Update : Fri Sep 28 16:30:36 2007
Response via : Initial Calibration
DataAcq Meth : 8260

	Compound	R.T.	QIon	Response	Conc Unit	Qvalue
68)	Ethylbenzene	9.49	91	89	N.D.	
69)	m,p-Xylene	0.00	106	0	N.D.	
70)	o-xylene	0.00	106	0	N.D.	
71)	Styrene	10.02	104	49	N.D.	
72)	Bromoform	10.42	173	30	N.D.	
73)	Isopropylbenzene	10.35	105	39	N.D.	
75)	trans-1,4-Dichloro-2-buten	0.00	53	0	N.D.	
77)	Bromobenzene	0.00	156	0	N.D.	
78)	1,1,2,2-Tetrachloroethane	0.00	83	0	N.D.	
79)	1,2,3-Trichloropropane	0.00	110	0	N.D.	
80)	n-Propylbenzene	0.00	120	0	N.D.	
81)	2-Chlorotoluene	10.86	91	61	N.D.	
82)	4-Chlorotoluene	10.97	91	196	N.D.	
83)	1,3,5-Trimethylbenzene	10.94	105	107	N.D.	
84)	tert-Butylbenzene	11.32	119	36	N.D.	
85)	1,2,4-Trimethylbenzene	11.31	105	446	N.D.	
86)	sec-butylbenzene	11.47	105	161	N.D.	
87)	1,3-Dichlorobenzene	11.60	146	34	N.D.	
88)	4-Isopropyltoluene	11.62	119	335	N.D.	
89)	1,4-Dichlorobenzene	11.70	146	226	N.D.	
90)	1,2-Dichlorobenzene	12.07	146	251	N.D.	
91)	n-Butylbenzene	12.03	91	369	N.D.	
92)	1,2-Dibromo-3-chloropropan	13.12	75	36	N.D.	
93)	1,2,4-Trichlorobenzene	13.65	180	263	N.D.	
94)	Hexachlorobutadiene	0.00	225	0	N.D.	
95)	Naphthalene	13.89	128	2166	N.D.	
96)	1,2,3-Trichlorobenzene	14.14	180	218	N.D.	

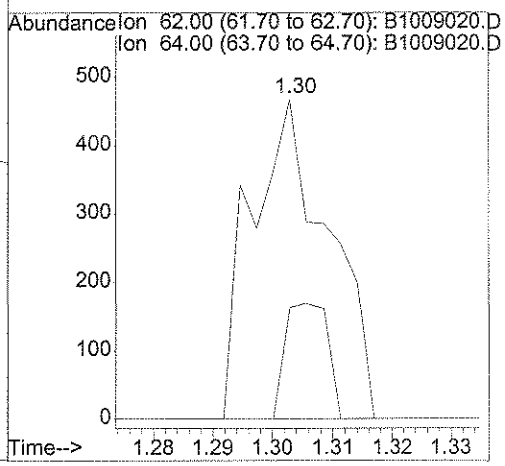
(#) = qualifier out of range (m) = manual integration

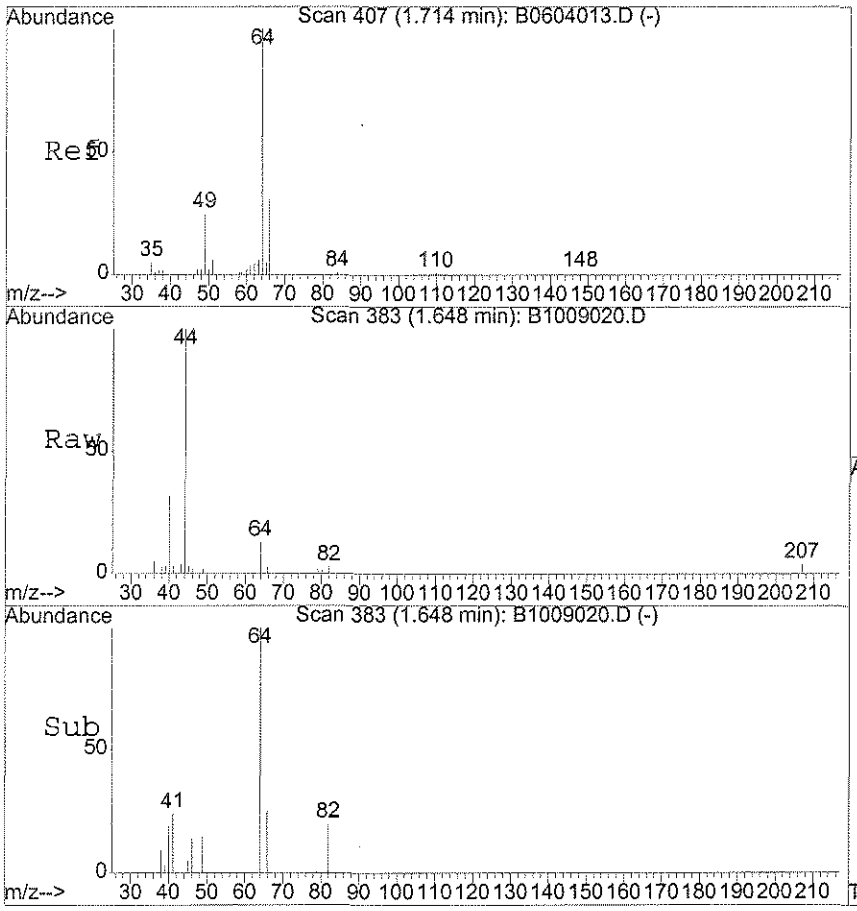


#4
Vinyl Chloride
Concen: 1.84 ug/l
RT: 1.30 min Scan# 259
Delta R.T. -0.01 min
Lab File: B1009020.D
Acq: 9 Oct 2007 13:11

Tgt Ion: 62 Resp: 415

Ion	Ratio	Lower	Upper
62	100		
64	19.8	10.2	50.2

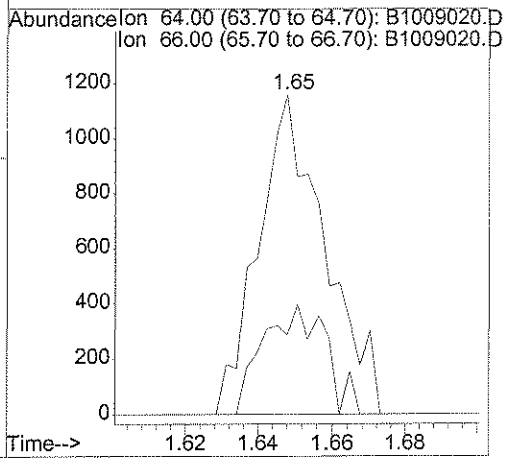


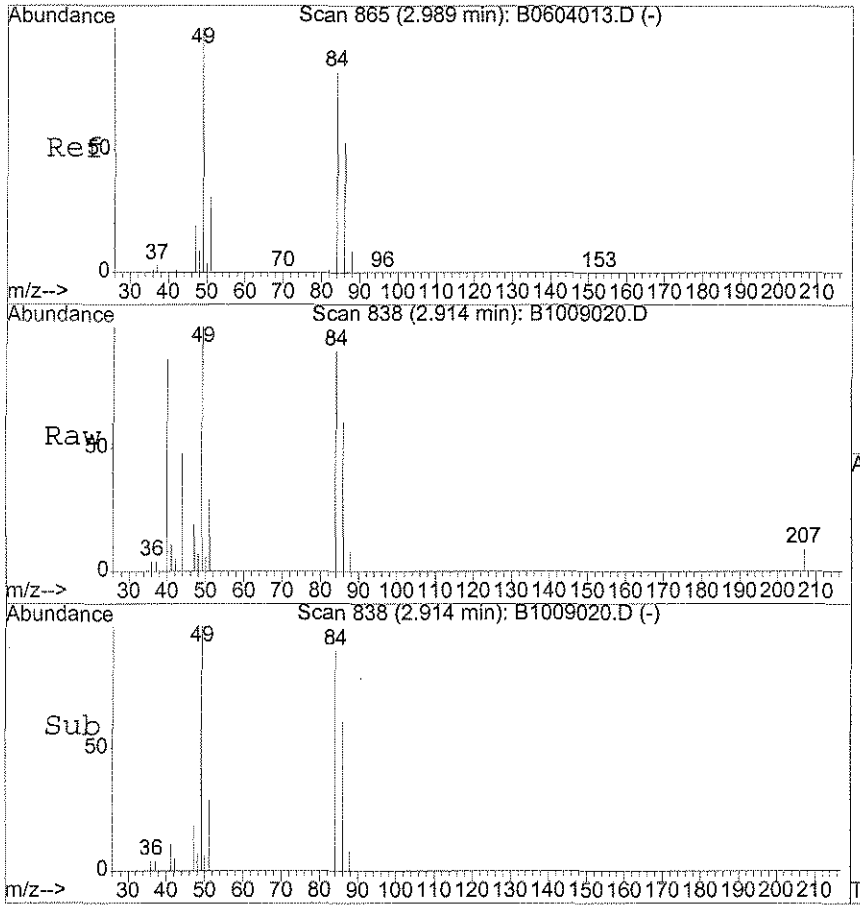


#6
Chloroethane
Concen: 11.07 ug/l
RT: 1.65 min Scan# 383
Delta R.T. -0.00 min
Lab File: B1009020.D
Acq: 9 Oct 2007 13:11

Tgt Ion: 64 Resp: 1443

Ion	Ratio	Lower	Upper
64	100		
66	31.8	11.6	51.6

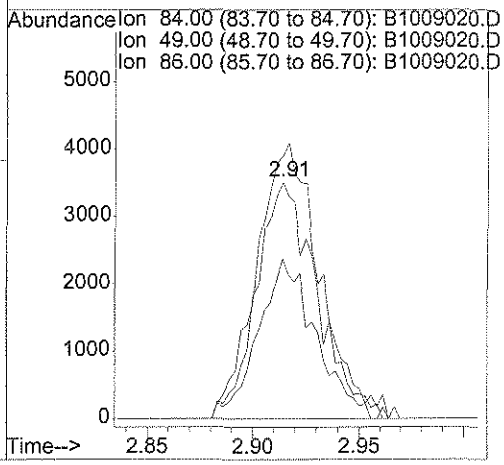


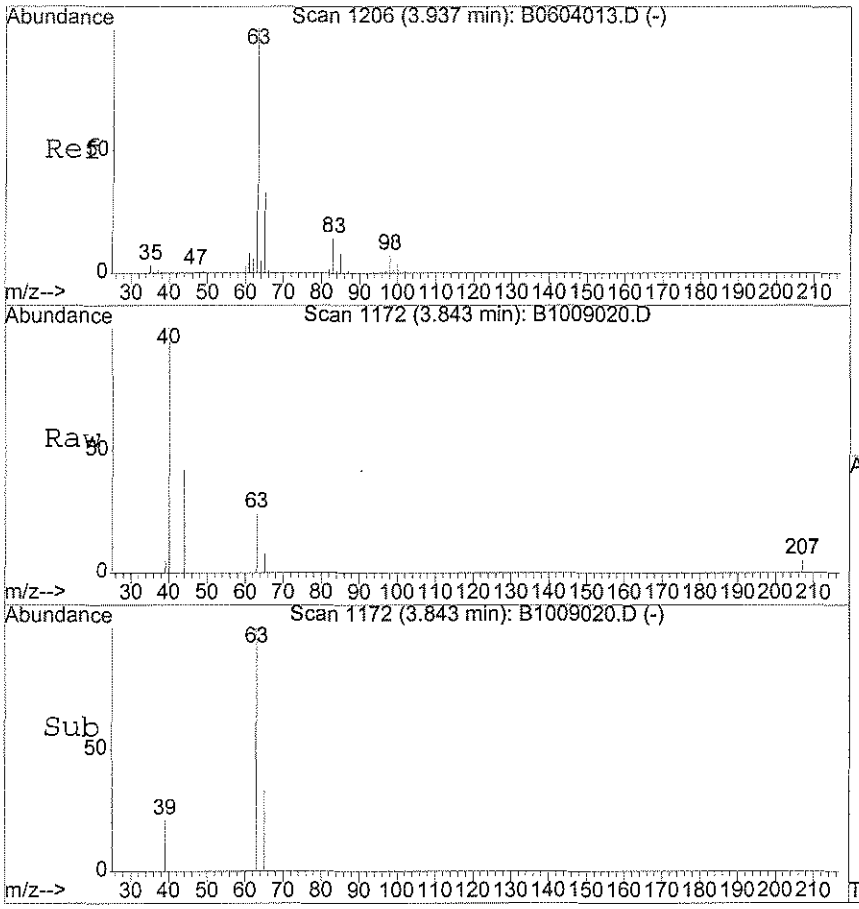


#18
Methylene Chloride
Concen: 19.02 ug/l
RT: 2.91 min Scan# 838
Delta R.T. 0.00 min
Lab File: B1009020.D
Acq: 9 Oct 2007 13:11

Tgt Ion: 84 Resp: 6964

Ion	Ratio	Lower	Upper
84	100		
49	122.3	113.6	153.6
86	63.9	45.8	85.8

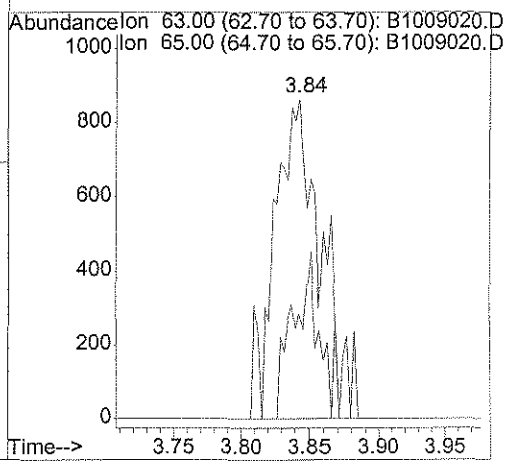


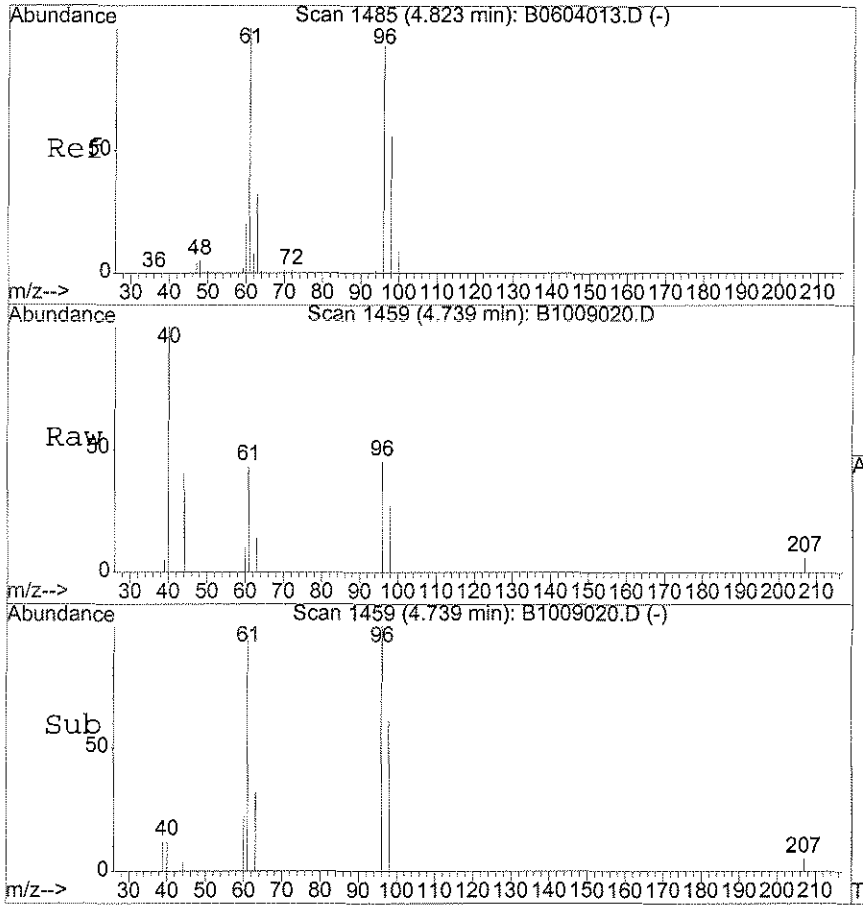


#23
1,1-Dichloroethane
Concen: 5.36 ug/l m
RT: 3.84 min Scan# 1172
Delta R.T. 0.01 min
Lab File: B1009020.D
Acq: 9 Oct 2007 13:11

Tgt Ion: 63 Resp: 2013

Ion	Ratio	Lower	Upper
63	100		
65	10.2	10.2	50.2#

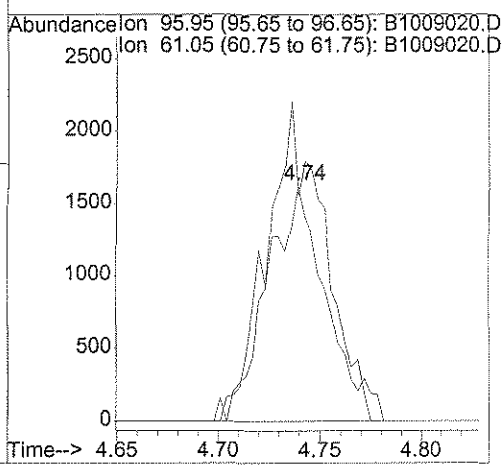


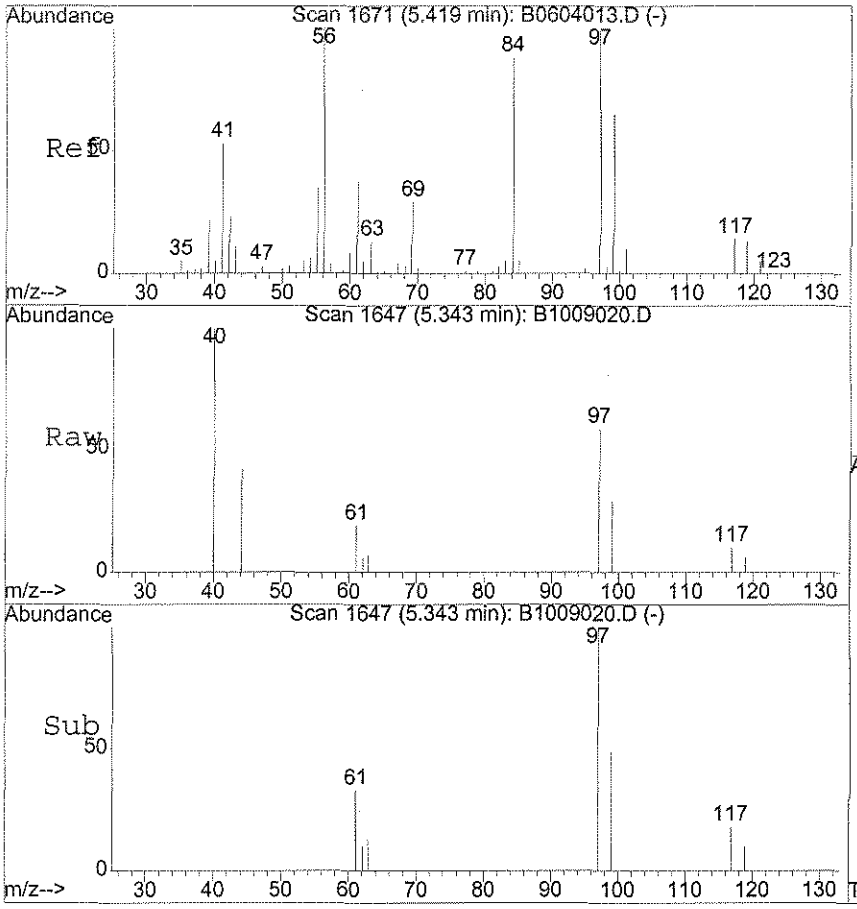


#29
cis-1,2-Dichloroethene
Concen: 13.50 ug/l
RT: 4.74 min Scan# 1459
Delta R.T. 0.00 min
Lab File: B1009020.D
Acq: 9 Oct 2007 13:11

Tgt Ion: 96 Resp: 3335

Ion	Ratio	Lower	Upper
96	100		
61	128.8	107.4	161.0

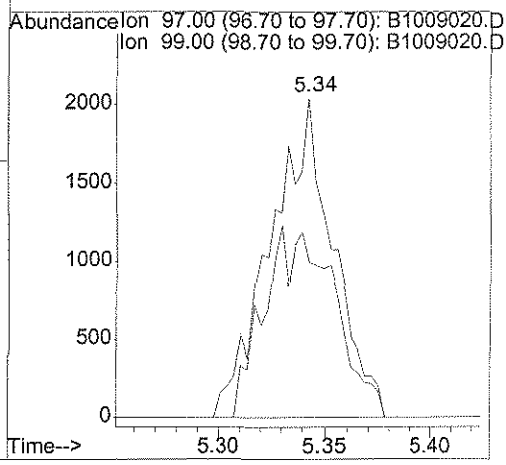


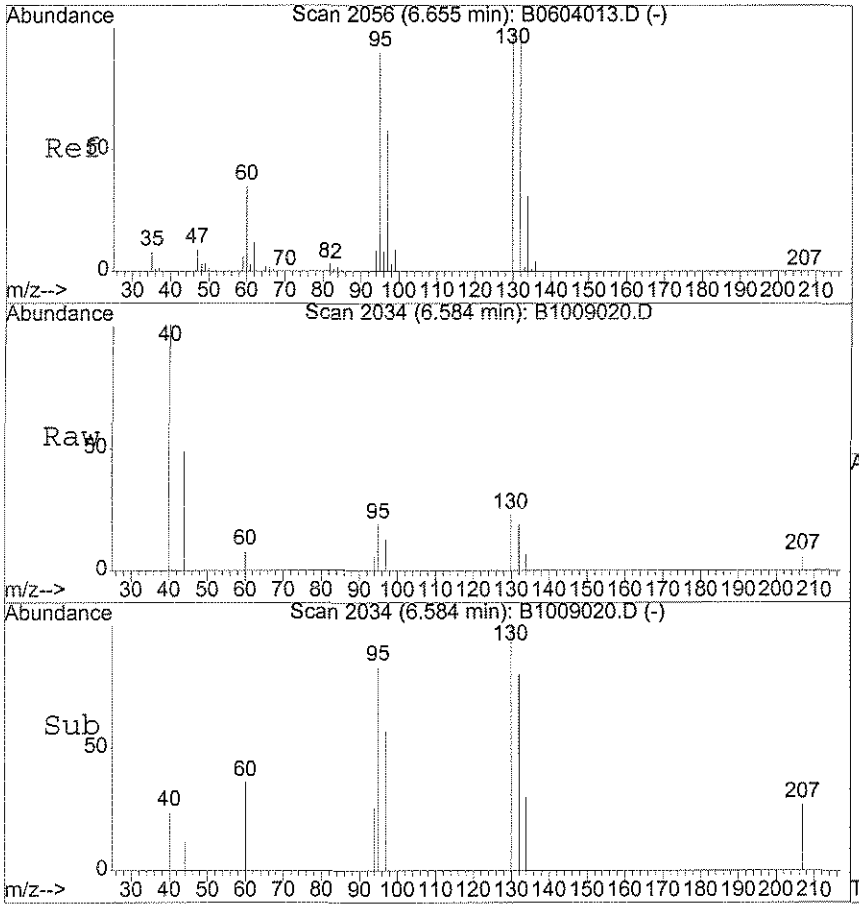


#35
1,1,1-Trichloroethane
Concen: 14.13 ug/l
RT: 5.34 min Scan# 1647
Delta R.T. 0.01 min
Lab File: B1009020.D
Acq: 9 Oct 2007 13:11

Tgt Ion: 97 Resp: 4128

Ion	Ratio	Lower	Upper
97	100		
99	26.8	40.3	80.3#

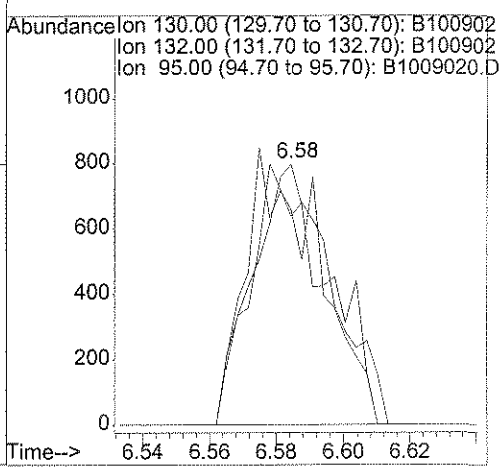




#45
Trichloroethene
Concen: 5.57 ug/l
RT: 6.58 min Scan# 2034
Delta R.T. 0.00 min
Lab File: B1009020.D
Acq: 9 Oct 2007 13:11

Tgt Ion:130 Resp: 1251

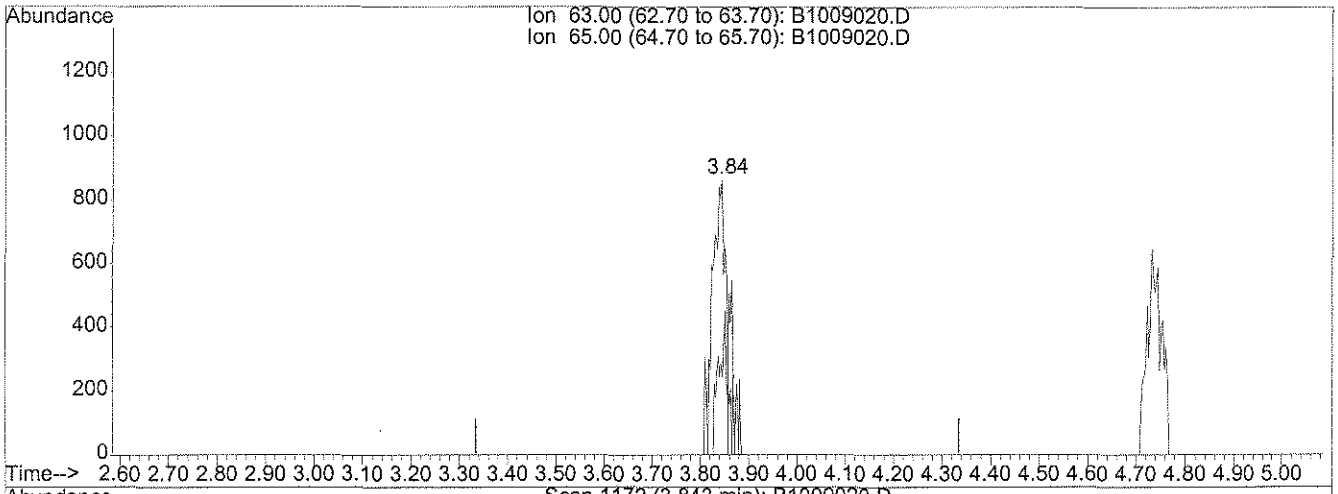
Ion	Ratio	Lower	Upper
130	100		
132	104.3	80.2	120.2
95	101.0	75.8	115.8

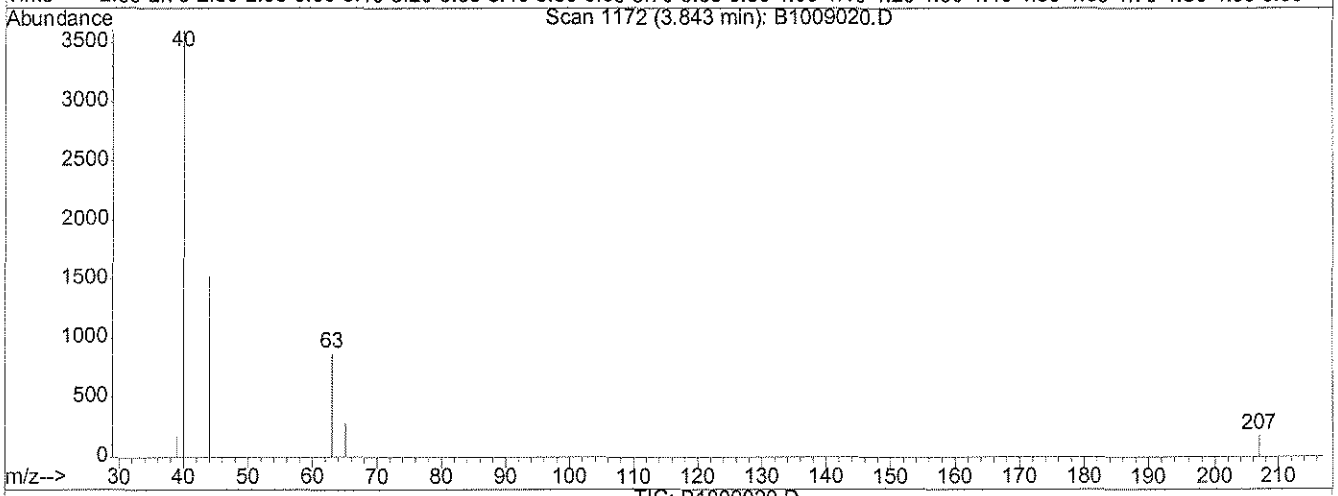


Quantitation Report (Qedit)

Data File : X:\MSVOA\BUDDHA\100907\B1009020.D Vial: 14
Acq On : 9 Oct 2007 13:11 Operator: LPM
Sample : TT02001-006 Inst : Buddha
Misc : #2 4.01GM+ 5ML PFW+IS/SS Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Oct 10 8:03 2007 Quant Results File: temp.res

Method : X:\MSVOA\BUDDHA\QUANT\B8260S.M (RTE Integrator)
Title : VOA 8260- 5ML Soil Calibration 5973B
Last Update : Fri Sep 28 16:30:36 2007
Response via : Multiple Level Calibration





TIC: B1009020.D

(23) 1,1-Dichloroethane (P)

3.84min 4.05ug/l

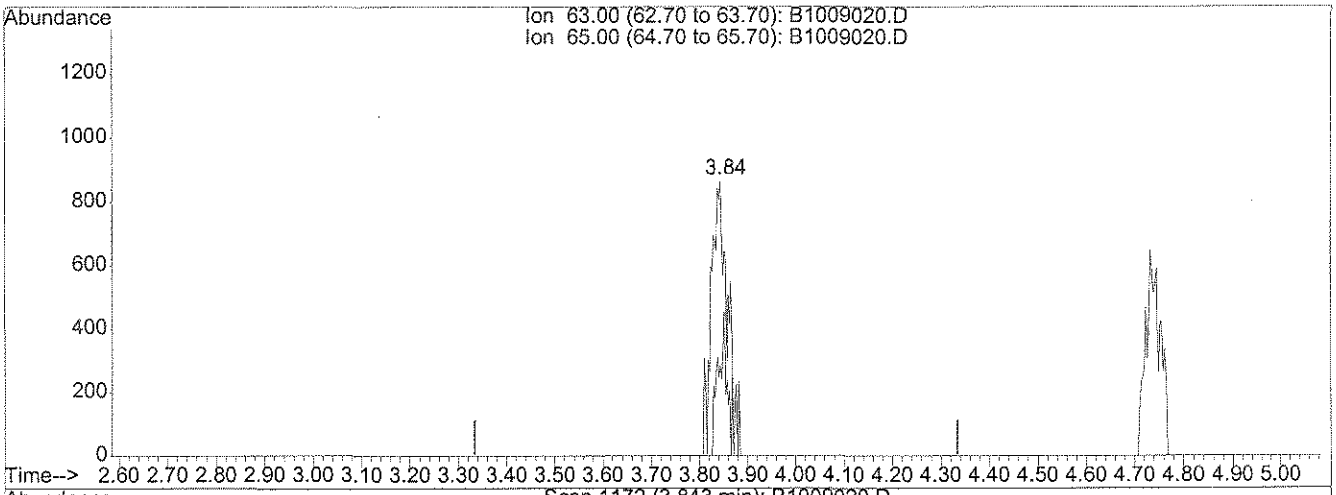
response 1520

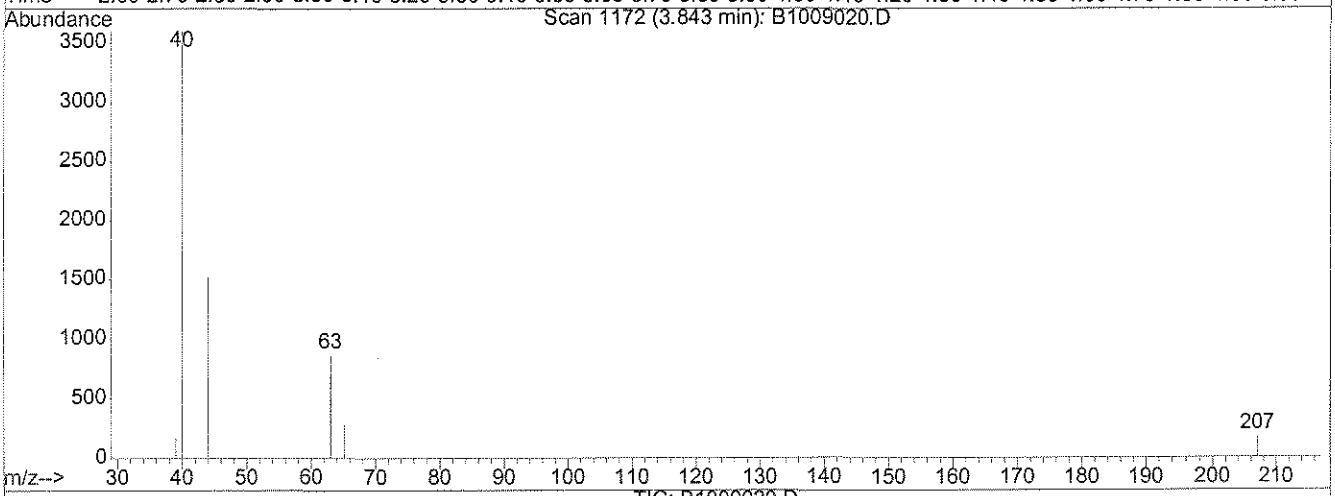
Ion	Exp%	Act%
63.00	100	100
65.00	30.20	13.49
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data File : X:\MSVOA\BUDDHA\100907\B1009020.D Vial: 14
Acq On : 9 Oct 2007 13:11 Operator: LPM
Sample : TT02001-006 Inst : Buddha
Misc : #2 4.01GM+ 5ML PFW+IS/SS Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Oct 10 8:03 2007 Quant Results File: temp.res

Method : X:\MSVOA\BUDDHA\QUANT\B8260S.M (RTE Integrator)
Title : VOA 8260- 5ML Soil Calibration 5973B
Last Update : Fri Sep 28 16:30:36 2007
Response via : Multiple Level Calibration





TIC: B1009020.D

(23) 1,1-Dichloroethane (P)

3.84min 5.36ug/l m

response 2013

Ion	Exp%	Act%
63.00	100	100
65.00	30.20	10.18#
0.00	0.00	0.00
0.00	0.00	0.00

1

VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

08SSW006RE

Lab Name: _____ Contract: _____

SDG No.: TT02001 Run Sequence: R022374

Matrix: (SOIL/SED/WATER) Soil Lab Sample ID: TT02001-006RE

Sample wt/vol: 3.59 (g/mL) gm Lab File ID: B1010013.D

Level: (LOW/MED) _____ Date Collected: 10/03/2007

% Moisture: not dec. 18.0 Date/Time Analyzed: 10/10/2007 11:02

GC Column: ZB-624 20m ID: 0.18 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____(uL) Soil Aliquot Volume: _____(uL)

Heated Purge: (Y/N) Y

CAS NO.	COMPOUND	CONCENTRATION UNITS: ug/kg	Q
1330-20-7	XYLENES, TOTAL	1.7	U
75-71-8	DICHLORODIFLUOROMETHANE	1.7	U
74-87-3	CHLOROMETHANE	1.7	U
75-01-4	VINYL CHLORIDE	1.7	U
74-83-9	BROMOMETHANE	1.7	U
75-00-3	CHLOROETHANE	4.8	J
75-69-4	TRICHLOROFLUOROMETHANE	1.7	U
75-35-4	1,1-DICHLOROETHENE	1.7	U
76-13-1	1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	1.7	U
67-64-1	ACETONE	12	JB
75-15-0	CARBON DISULFIDE	1.7	U
79-20-9	METHYL ACETATE	1.7	U
75-09-2	METHYLENE CHLORIDE	24	B
1634-04-4	METHYL TERT-BUTYL ETHER	1.7	U
156-60-5	TRANS-1,2-DICHLOROETHENE	1.7	U
75-34-3	1,1-DICHLOROETHANE	8.2	
156-59-2	CIS-1,2-DICHLOROETHENE	13	
78-93-3	2-BUTANONE	1.7	U
67-66-3	CHLOROFORM	1.7	U
71-55-6	1,1,1-TRICHLOROETHANE	13	
110-82-7	CYCLOHEXANE	1.7	U
56-23-5	CARBON TETRACHLORIDE	1.7	U
71-43-2	BENZENE	1.7	U
107-06-2	1,2-DICHLOROETHANE	1.7	U
79-01-6	TRICHLOROETHENE	2.1	J
108-87-2	METHYLCYCLOHEXANE	1.7	U
78-87-5	1,2-DICHLOROPROPANE	1.7	U
75-27-4	BROMODICHLOROMETHANE	1.7	U
10061-01-	CIS-1,3-DICHLOROPROPENE	1.7	U

1
VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

08SSW006RE

Lab Name: _____ Contract: _____

SDG No.: TT02001 Run Sequence: R022374

Matrix: (SOIL/SED/WATER) Soil Lab Sample ID: TT02001-006RE

Sample wt/vol: 3.59 (g/mL) gm Lab File ID: B1010013.D

Level: (LOW/MED) _____ Date Collected: 10/03/2007

% Moisture: not dec. 18.0 Date/Time Analyzed: 10/10/2007 11:02

GC Column: ZB-624 20m ID: 0.18 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____(uL) Soil Aliquot Volume: _____(uL)

Heated Purge: (Y/N) Y

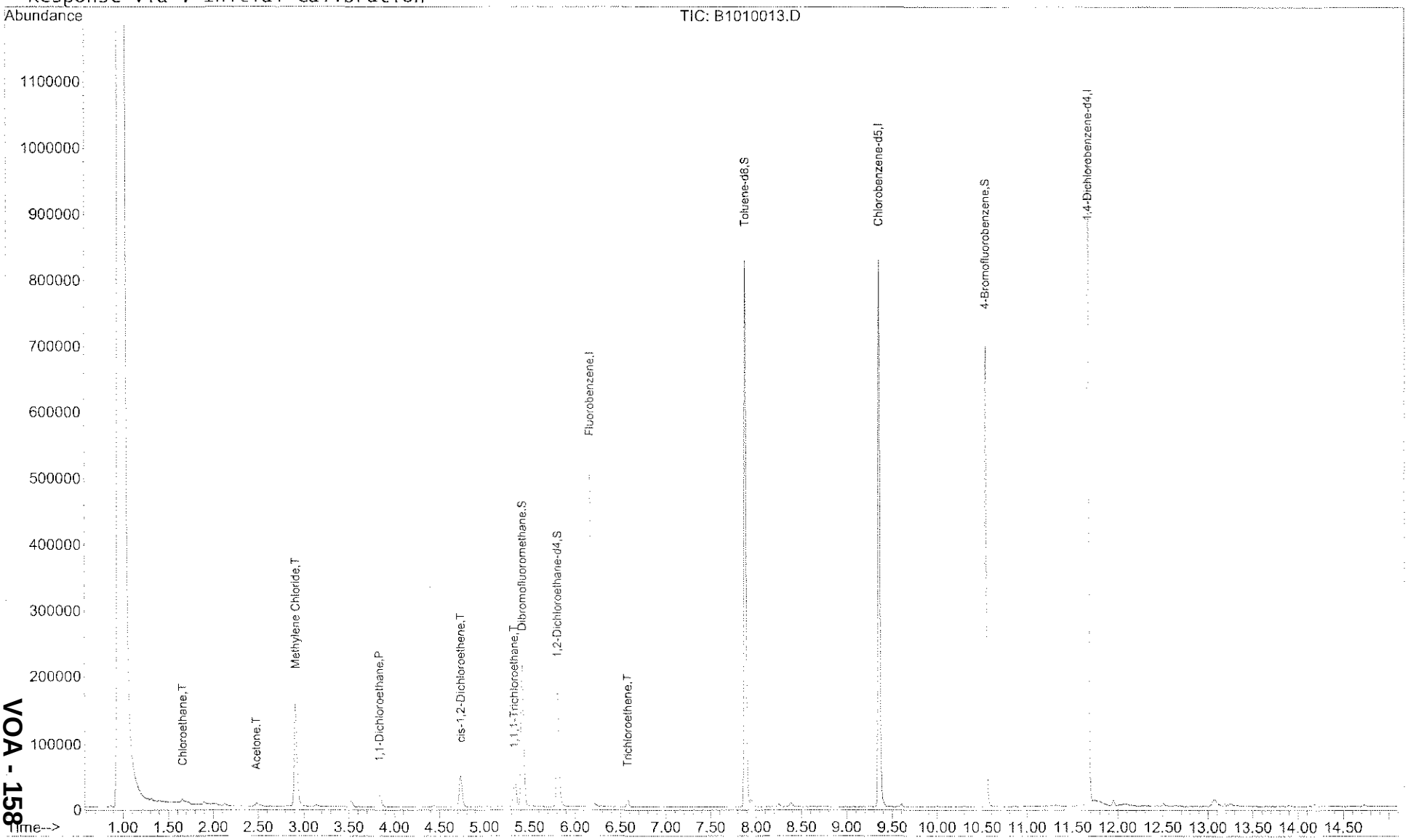
CAS NO.	COMPOUND	CONCENTRATION UNITS: ug/kg	Q
108-10-1	4-METHYL-2-PENTANONE	1.7	U
108-88-3	TOLUENE	1.7	U
10061-02-	TRANS-1,3-DICHLOROPROPENE	1.7	U
79-00-5	1,1,2-TRICHLOROETHANE	1.7	U
127-18-4	TETRACHLOROETHENE	1.7	U
591-78-6	2-HEXANONE	1.7	U
124-48-1	DIBROMOCHLOROMETHANE	1.7	U
106-93-4	1,2-DIBROMOETHANE	1.7	U
108-90-7	CHLOROBENZENE	1.7	U
100-41-4	ETHYLBENZENE	1.7	U
179601-23	M,P-XYLENE	1.7	U
95-47-6	O-XYLENE	1.7	U
100-42-5	STYRENE	1.7	U
75-25-2	BROMOFORM	1.7	U
98-82-8	ISOPROPYLBENZENE	1.7	U
79-34-5	1,1,2,2-TETRACHLOROETHANE	1.7	U
541-73-1	1,3-DICHLOROBENZENE	1.7	U
106-46-7	1,4-DICHLOROBENZENE	1.7	U
95-50-1	1,2-DICHLOROBENZENE	1.7	U
96-12-8	1,2-DIBROMO-3-CHLOROPROPANE	1.7	U
120-82-1	1,2,4-TRICHLOROBENZENE	1.7	U

Comments:

Quantitation Report

Data File : X:\MSVOA\BUDDHA\101007\B1010013.D Vial: 9
Acq On : 10 Oct 2007 11:02 Operator: LPM
Sample : TT02001-006RE Inst : Buddha
Misc : #3 3.59G+ 5ML+IS/SS Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Oct 11 5:36 2007 Quant Results File: B8260S.RES

Method : X:\MSVOA\BUDDHA\QUANT\B8260S.M (RTE Integrator)
Title : VOA 8260- 5ML Soil Calibration 5973B
Last Update : Fri Sep 28 16:30:36 2007
Response via : Initial Calibration



Quantitation Report

Data File : X:\MSVOA\BUDDHA\101007\B1010013.D Vial: 9
Acq On : 10 Oct 2007 11:02 Operator: LPM
Sample : TT02001-006RE Inst : Buddha
Misc : #3 3.59G+ 5ML+IS/SS Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Oct 11 5:36 2007 Quant Results File: B8260S.RES

Quant Method : X:\MSVOA\BUDDHA\QUANT\B8260S.M (RTE Integrator)
Title : VOA 8260- 5ML Soil Calibration 5973B
Last Update : Fri Sep 28 16:30:36 2007
Response via : Initial Calibration
DataAcq Meth : 8260
IS QA File : X:\MSVOA\BUDDHA\092807\B0928013.D (28 Sep 2007 12:55)

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min) Rcv(Ar)
1) Fluorobenzene	6.17	96	481705	50.00 ug/l	0.00 77.06%
54) Chlorobenzene-d5	9.36	117	443392	50.00 ug/l	0.00 87.93%
74) 1,4-Dichlorobenzene-d4	11.67	152	252248	50.00 ug/l	0.00 76.14%

System Monitoring Compounds					
37) Dibromofluoromethane	5.42	111	149114	54.86 ug/l	0.00
Spiked Amount 50.000	Range 65 - 135		Recovery = 109.72%		
40) 1,2-Dichloroethane-d4	5.81	65	126170	51.98 ug/l	0.00
Spiked Amount 50.000	Range 52 - 149		Recovery = 103.96%		
55) Toluene-d8	7.88	98	520055	51.69 ug/l	0.00
Spiked Amount 50.000	Range 85 - 115		Recovery = 103.38%		
76) 4-Bromofluorobenzene	10.53	95	202228	50.99 ug/l	0.00
Spiked Amount 50.000	Range 85 - 120		Recovery = 101.98%		

Target Compounds					Qvalue
2) Dichlorodifluoromethane	1.10	85	27	N.D.	
3) Chloromethane	1.22	50	32	N.D.	
4) Vinyl Chloride	1.31	62	1696	N.D.	
5) Bromomethane	1.58	96	84	N.D.	
6) Chloroethane	1.66	64	5329	2.82 ug/l	70
7) Trichlorofluoromethane	1.85	101	59	N.D.	
8) Acrolein	2.30	56	234	Below Cal #	26
9) 1,1-Dichloroethene	2.33	96	29	N.D.	
10) 1,1,2-Trichloro-1,2,2-trif	2.33	101	25	N.D.	
11) Acetone	2.48	43	7903	7.23 ug/l	97
12) Iodomethane	0.00	142	0	N.D.	
13) Bromoethane	0.00	108	0	N.D.	
14) Carbon Disulfide	2.54	76	1945	N.D.	
15) Allyl chloride	0.00	76	0	N.D.	
16) Acetonitrile	2.81	41	136	N.D.	
17) Methyl Acetate	2.85	43	446	N.D.	
18) Methylene Chloride	2.91	84	86469	14.35 ug/l	93
19) trans-1,2-Dichloroethene	0.00	96	0	N.D.	
20) t-Butyl alcohol	0.00	59	0	N.D.	
21) Methyl tert-butyl ether	3.22	73	35	N.D.	
22) Acrylonitrile	0.00	53	0	N.D.	
23) 1,1-Dichloroethane	3.83	63	26161	4.81 ug/l	96
24) Chloroprene	0.00	53	0	N.D.	
25) Isopropyl ether	0.00	45	0	N.D.	
26) Vinyl acetate	0.00	43	0	N.D.	
27) Ethyl-t-butyl ether	0.00	59	0	N.D.	
28) 2,2-Dichloropropane	0.00	77	0	N.D.	
29) cis-1,2-Dichloroethene	4.74	96	27500	7.68 ug/l	91
30) 2-Butanone	4.90	43	428	N.D.	
31) Propionitrile	0.00	54	0	N.D.	
32) Bromochloromethane	0.00	128	0	N.D.	
33) Methacrylonitrile	5.13	41	32	N.D.	
34) Chloroform	5.21	83	1104	N.D.	
35) 1,1,1-Trichloroethane	5.34	97	33292	7.86 ug/l	96
36) Cyclohexane	5.33	56	34	N.D.	

(#) = qualifier out of range (m) = manual integration
B1010013.D B8260S.M Thu Oct 11 13:32:07 2007

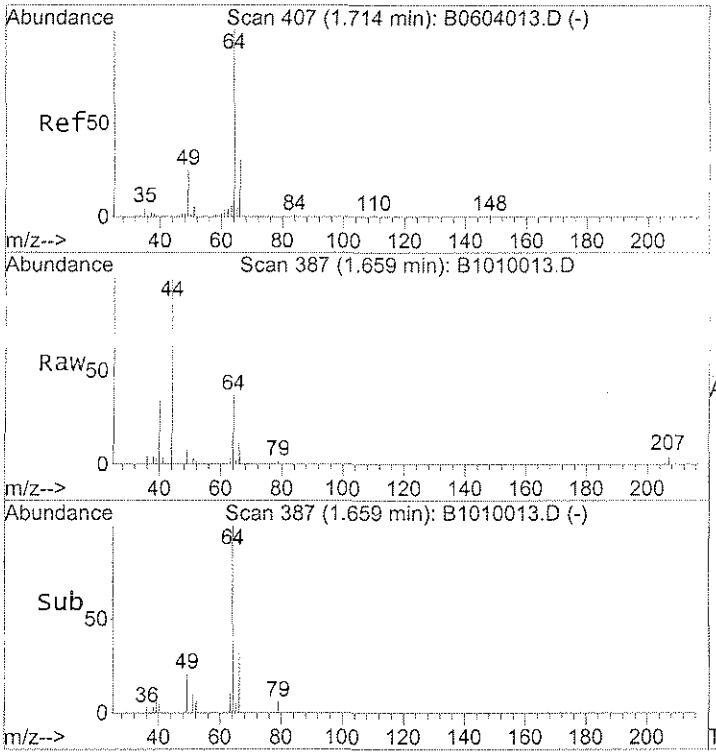
Quantitation Report

Data File : X:\MSVOA\BUDDHA\101007\B1010013.D Vial: 9
Acq On : 10 Oct 2007 11:02 Operator: LPM
Sample : TT02001-006RE Inst : Buddha
Misc : #3 3.59G+ 5ML+IS/SS Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Oct 11 5:36 2007 Quant Results File: B8260S.RES

Quant Method : X:\MSVOA\BUDDHA\QUANT\B8260S.M (RTE Integrator)
Title : VOA 8260- 5ML Soil Calibration 5973B
Last Update : Fri Sep 28 16:30:36 2007
Response via : Initial Calibration
DataAcq Meth : 8260

Compound	R.T.	QIon	Response	Conc Unit	Qvalue
38) Carbon Tetrachloride	0.00	117	0	N.D.	
39) 1,1-Dichloropropene	0.00	75	0	N.D.	
41) Benzene	5.80	78	1201	N.D.	
42) 1,2-Dichloroethane	0.00	62	0	N.D.	
43) t-Amyl methyl ether	0.00	73	0	N.D.	
44) Isobutanol	6.09	43	42	N.D.	
45) Trichloroethene	6.58	130	3968	1.22 ug/l	96
46) Methylcyclohexane	6.72	83	30	N.D.	
47) 1,2-Dichloropropane	0.00	63	0	N.D.	
48) Dibromomethane	0.00	93	0	N.D.	
49) Methyl methacrylate	7.02	41	33	N.D.	
50) Bromodichloromethane	0.00	83	0	N.D.	
51) 2-Chloroethyl vinyl ether	0.00	63	0	N.D.	
52) cis-1,3-Dichloropropene	0.00	75	0	N.D.	
53) 4-Methyl-2-pentanone	7.88	43	1987	N.D.	
56) Toluene	7.95	92	3817	N.D.	
57) trans-1,3-Dichloropropene	0.00	75	0	N.D.	
58) Ethyl methacrylate	0.00	69	0	N.D.	
59) 1,1,2-Trichloroethane	8.39	97	32	N.D.	
60) Tetrachloroethene	8.49	166	262	N.D.	
61) 1,3-Dichloropropane	0.00	76	0	N.D.	
62) 2-Hexanone	8.71	43	108	N.D.	
63) Dibromochloromethane	0.00	129	0	N.D.	
64) 1,2-Dibromoethane	0.00	107	0	N.D.	
65) 1-Chlorohexane	9.37	91	1027	N.D.	
66) Chlorobenzene	9.38	112	184	N.D.	
67) 1,1,1,2-Tetrachloroethane	0.00	131	0	N.D.	
68) Ethylbenzene	9.49	91	890	N.D.	
69) m,p-Xylene	9.60	106	1094	N.D.	
70) o-xylene	10.00	106	414	N.D.	
71) Styrene	10.02	104	413	N.D.	
72) Bromoform	0.00	173	0	N.D.	
73) Isopropylbenzene	10.37	105	325	N.D.	
75) trans-1,4-Dichloro-2-buten	10.53	53	29	N.D.	
77) Bromobenzene	10.68	156	33	N.D.	
78) 1,1,2,2-Tetrachloroethane	10.55	83	69	N.D.	
79) 1,2,3-Trichloropropane	10.53	110	33	N.D.	
80) n-Propylbenzene	10.77	120	30	N.D.	
81) 2-Chlorotoluene	10.85	91	403	N.D.	
82) 4-Chlorotoluene	10.97	91	727	N.D.	
83) 1,3,5-Trimethylbenzene	10.94	105	363	N.D.	
84) tert-Butylbenzene	11.25	119	172	N.D.	
85) 1,2,4-Trimethylbenzene	11.31	105	1169	N.D.	
86) sec-butylbenzene	11.47	105	580	N.D.	
87) 1,3-Dichlorobenzene	11.61	146	329	N.D.	
88) 4-Isopropyltoluene	11.62	119	956	N.D.	
89) 1,4-Dichlorobenzene	11.69	146	815	N.D.	
90) 1,2-Dichlorobenzene	12.07	146	371	N.D.	
91) n-Butylbenzene	12.02	91	937	N.D.	
92) 1,2-Dibromo-3-chloropropan	0.00	75	0	N.D.	
93) 1,2,4-Trichlorobenzene	13.65	180	382	N.D.	
94) Hexachlorobutadiene	0.00	225	0	N.D.	
95) Naphthalene	13.90	128	1849	N.D.	
96) 1,2,3-Trichlorobenzene	14.14	180	300	N.D.	

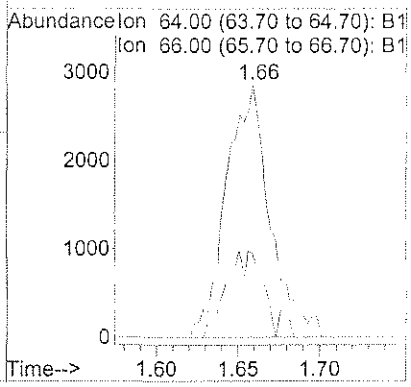
(#) = qualifier out of range (m) = manual integration

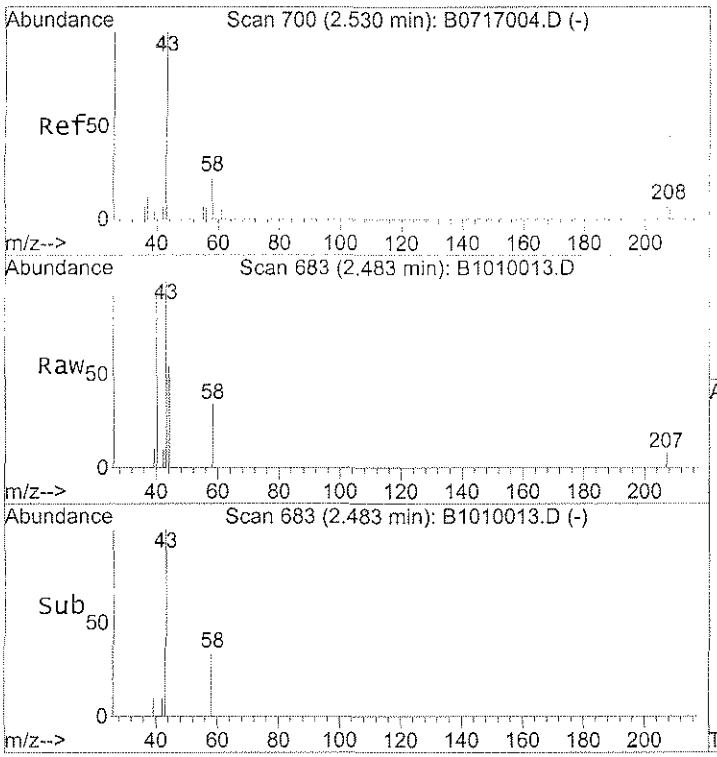


#6
Chloroethane
Concen: 2.82 ug/l
RT: 1.66 min Scan# 387
Delta R.T. 0.01 min
Lab File: B1010013.D
Acq: 10 Oct 2007 11:02

Tgt Ion: 64 Resp: 5329

Ion	Ratio	Lower	Upper
64	100		
66	15.1	11.6	51.6

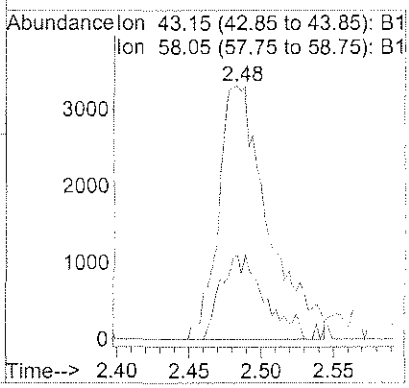


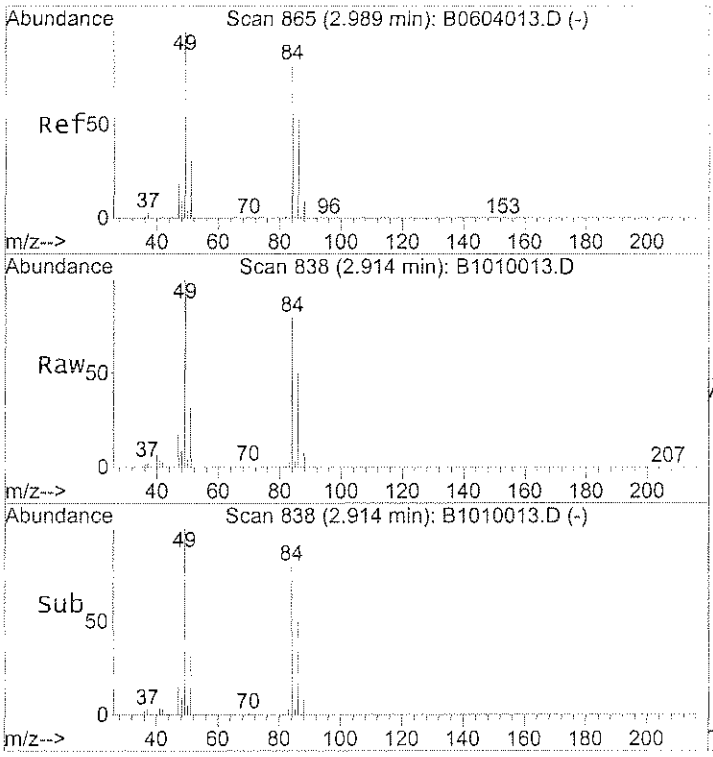


#11
Acetone
Concen: 7.23 ug/l
RT: 2.48 min Scan# 683
Delta R.T. 0.01 min
Lab File: B1010013.D
Acq: 10 Oct 2007 11:02

Tgt Ion: 43 Resp: 7903

Ion	Ratio	Lower	Upper
43	100		
58	29.3	22.0	33.0

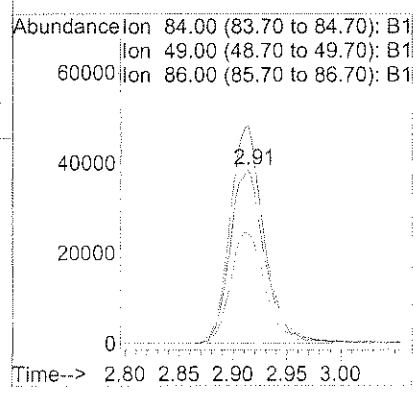


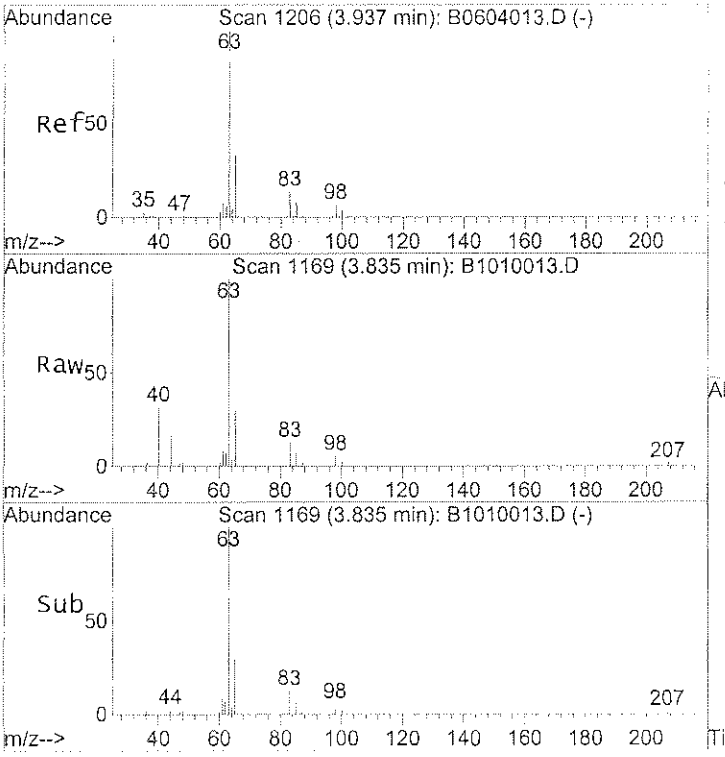


#18
Methylene Chloride
Concen: 14.35 ug/l
RT: 2.91 min Scan# 838
Delta R.T. 0.00 min
Lab File: B1010013.D
Acq: 10 Oct 2007 11:02

Tgt Ion: 84 Resp: 86469

Ion	Ratio	Lower	Upper
84	100		
49	122.9	113.6	153.6
86	64.1	45.8	85.8

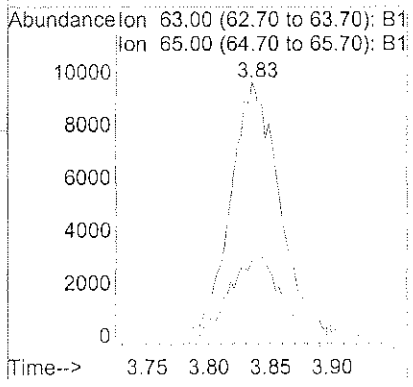


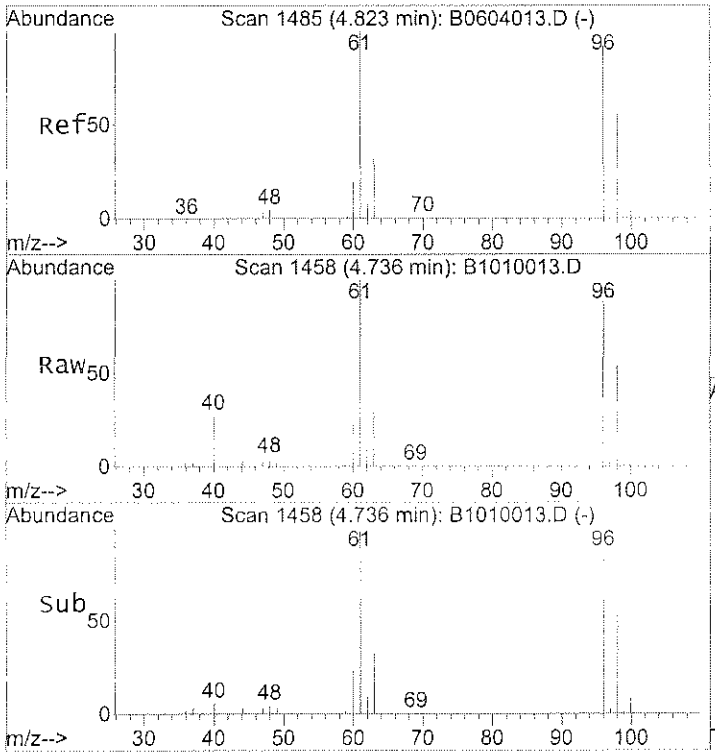


#23
1,1-Dichloroethane
Concen: 4.81 ug/l
RT: 3.83 min Scan# 1169
Delta R.T. 0.00 min
Lab File: B1010013.D
Acq: 10 Oct 2007 11:02

Tgt Ion: 63 Resp: 26161

Ion	Ratio	Lower	Upper
63	100		
65	32.1	10.2	50.2

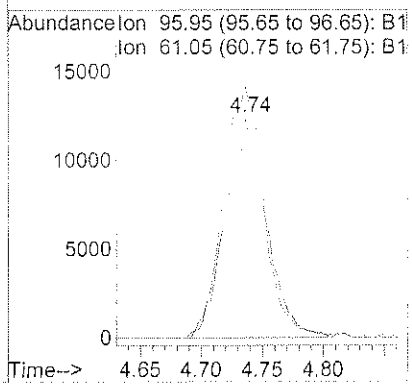


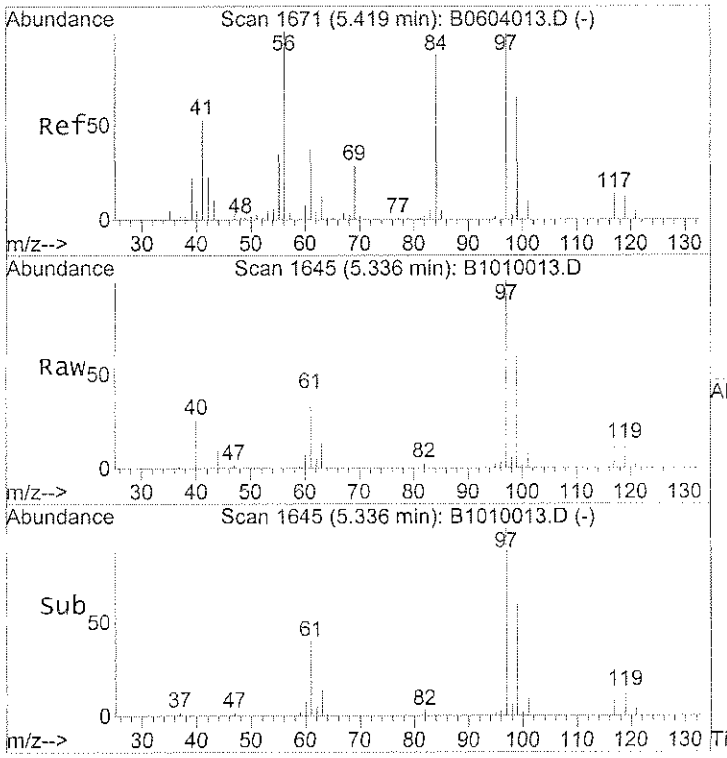


#29
cis-1,2-Dichloroethene
Concen: 7.68 ug/l
RT: 4.74 min Scan# 1458
Delta R.T. 0.00 min
Lab File: B1010013.D
Acq: 10 Oct 2007 11:02

Tgt Ion: 96 Resp: 27500

Ion	Ratio	Lower	Upper
96	100		
61	123.2	107.4	161.0

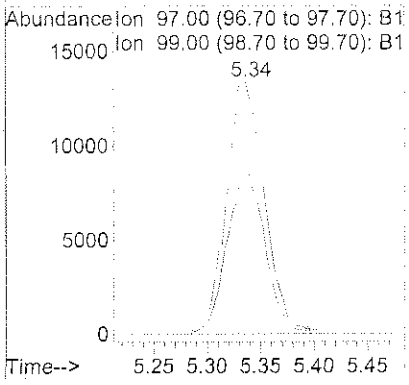


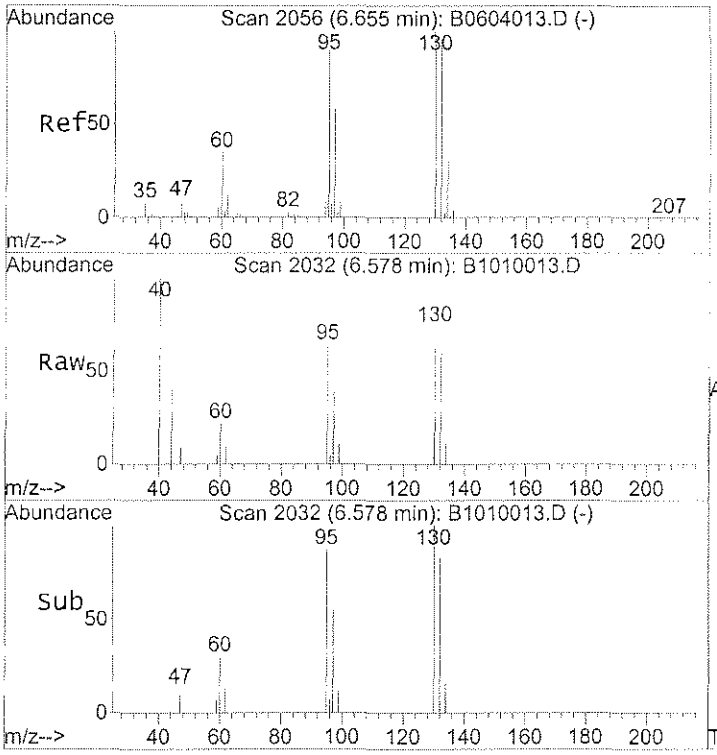


#35
1,1,1-Trichloroethane
Concen: 7.86 ug/l
RT: 5.34 min Scan# 1645
Delta R.T. 0.00 min
Lab File: B1010013.D
Acq: 10 Oct 2007 11:02

Tgt Ion: 97 Resp: 33292

Ion	Ratio	Lower	Upper
97	100		
99	63.1	40.3	80.3

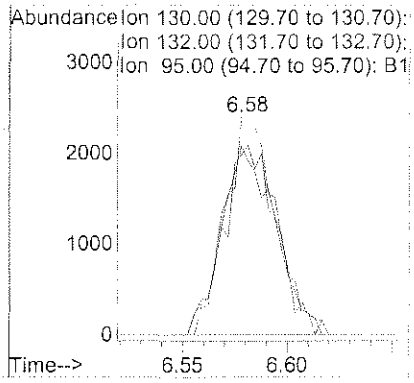




#45
Trichloroethene
Concen: 1.22 ug/l
RT: 6.58 min Scan# 2032
Delta R.T. -0.01 min
Lab File: B1010013.D
Acq: 10 Oct 2007 11:02

Tgt Ion:130 Resp: 3968

Ion	Ratio	Lower	Upper
130	100		
132	93.5	80.2	120.2
95	95.0	75.8	115.8



1

VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

08SSW007

Lab Name: _____ Contract: _____

SDG No.: TT02001 Run Sequence: R022318

Matrix: (SOIL/SED/WATER) Soil Lab Sample ID: TT02001-007

Sample wt/vol: 5.16 (g/mL) gm Lab File ID: B1009021.D

Level: (LOW/MED) _____ Date Collected: 10/03/2007

% Moisture: not dec. 26.0 Date/Time Analyzed: 10/09/2007 13:38

GC Column: ZB-624 20m ID: 0.18 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____(uL) Soil Aliquot Volume: _____(uL)

Heated Purge: (Y/N) Y

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/kg	Q
1330-20-7	XYLENES, TOTAL	1.3	U
75-71-8	DICHLORODIFLUOROMETHANE	1.3	U
74-87-3	CHLOROMETHANE	1.3	U
75-01-4	VINYL CHLORIDE	1.3	U
74-83-9	BROMOMETHANE	1.3	U
75-00-3	CHLOROETHANE	1.3	U
75-69-4	TRICHLOROFLUOROMETHANE	1.3	U
75-35-4	1,1-DICHLOROETHENE	1.3	U
76-13-1	1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	1.3	U
67-64-1	ACETONE	4.6	JB
75-15-0	CARBON DISULFIDE	1.3	U
79-20-9	METHYL ACETATE	1.3	U
75-09-2	METHYLENE CHLORIDE	1.3	U
1634-04-4	METHYL TERT-BUTYL ETHER	1.3	U
156-60-5	TRANS-1,2-DICHLOROETHENE	1.3	U
75-34-3	1,1-DICHLOROETHANE	1.3	U
156-59-2	CIS-1,2-DICHLOROETHENE	5.0	
78-93-3	2-BUTANONE	1.3	U
67-66-3	CHLOROFORM	1.3	U
71-55-6	1,1,1-TRICHLOROETHANE	7.1	
110-82-7	CYCLOHEXANE	1.3	U
56-23-5	CARBON TETRACHLORIDE	1.3	U
71-43-2	BENZENE	1.3	U
107-06-2	1,2-DICHLOROETHANE	1.3	U
79-01-6	TRICHLOROETHENE	7.5	
108-87-2	METHYLCYCLOHEXANE	1.3	U
78-87-5	1,2-DICHLOROPROPANE	1.3	U
75-27-4	BROMODICHLOROMETHANE	1.3	U
10061-01-	CIS-1,3-DICHLOROPROPENE	1.3	U

1

VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

08SSW007

Lab Name: _____ Contract: _____

SDG No.: TT02001 Run Sequence: R022318

Matrix: (SOIL/SED/WATER) Soil Lab Sample ID: TT02001-007

Sample wt/vol: 5.16 (g/mL) gm Lab File ID: B1009021.D

Level: (LOW/MED) _____ Date Collected: 10/03/2007

% Moisture: not dec. 26.0 Date/Time Analyzed: 10/09/2007 13:38

GC Column: ZB-624 20m ID: 0.18 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____(uL) Soil Aliquot Volume: _____(uL)

Heated Purge: (Y/N) Y

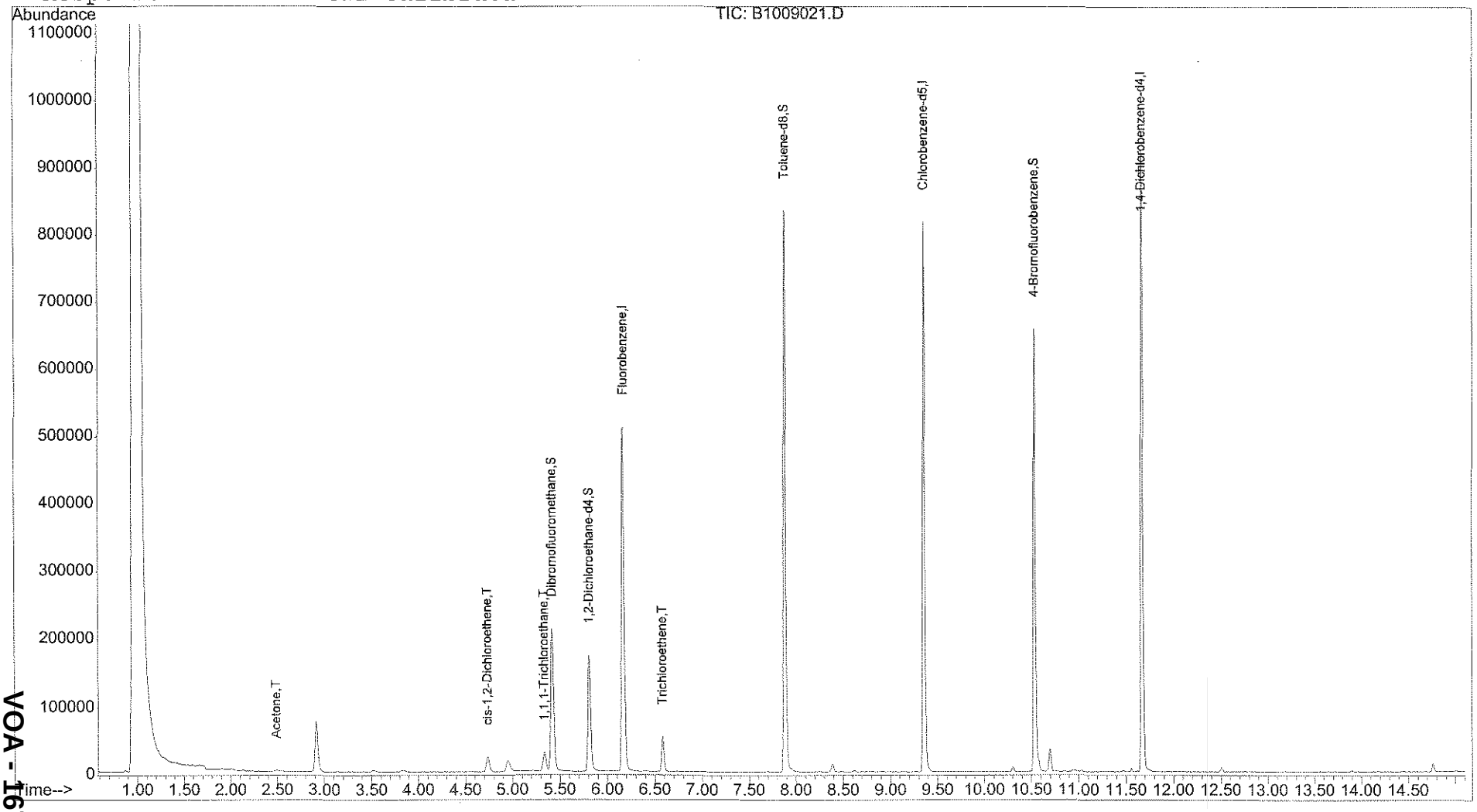
CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/kg	Q
108-10-1	4-METHYL-2-PENTANONE	1.3	U
108-88-3	TOLUENE	1.3	U
10061-02-	TRANS-1,3-DICHLOROPROPENE	1.3	U
79-00-5	1,1,2-TRICHLOROETHANE	1.3	U
127-18-4	TETRACHLOROETHENE	1.3	U
591-78-6	2-HEXANONE	1.3	U
124-48-1	DIBROMOCHLOROMETHANE	1.3	U
106-93-4	1,2-DIBROMOETHANE	1.3	U
108-90-7	CHLOROBENZENE	1.3	U
100-41-4	ETHYLBENZENE	1.3	U
179601-23	M,P-XYLENE	1.3	U
95-47-6	O-XYLENE	1.3	U
100-42-5	STYRENE	1.3	U
75-25-2	BROMOFORM	1.3	U
98-82-8	ISOPROPYLBENZENE	1.3	U
79-34-5	1,1,2,2-TETRACHLOROETHANE	1.3	U
541-73-1	1,3-DICHLOROBENZENE	1.3	U
106-46-7	1,4-DICHLOROBENZENE	1.3	U
95-50-1	1,2-DICHLOROBENZENE	1.3	U
96-12-8	1,2-DIBROMO-3-CHLOROPROPANE	1.3	U
120-82-1	1,2,4-TRICHLOROBENZENE	1.3	U

Comments:

Quantitation Report

Data File : X:\MSVOA\BUDDHA\100907\B1009021.D Vial: 15
Acq On : 9 Oct 2007 13:38 Operator: LPM
Sample : TT02001-007 Inst : Buddha
Misc : #2 5.16GM+ 5ML PFW+IS/SS Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Oct 10 8:04 2007 Quant Results File: B8260S.RES

Method : X:\MSVOA\BUDDHA\QUANT\B8260S.M (RTE Integrator)
Title : VOA 8260- 5ML Soil Calibration 5973B
Last Update : Fri Sep 28 16:30:36 2007
Response via : Initial Calibration



Quantitation Report

Data File : X:\MSVOA\BUDDHA\100907\B1009021.D Vial: 15
Acq On : 9 Oct 2007 13:38 Operator: LPM
Sample : TT02001-007 Inst : Buddha
Misc : #2 5.16GM+ 5ML PFW+IS/SS Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Oct 10 8:04 2007 Quant Results File: B8260S.RES

Quant Method : X:\MSVOA\BUDDHA\QUANT\B8260S.M (RTE Integrator)
Title : VOA 8260- 5ML Soil Calibration 5973B
Last Update : Fri Sep 28 16:30:36 2007
Response via : Initial Calibration
DataAcq Meth : 8260
IS QA File : X:\MSVOA\BUDDHA\092807\B0928013.D (28 Sep 2007 12:55)

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min) Rcv(Ar)
1) Fluorobenzene	6.17	96	484647	50.00 ug/l	0.00 77.53%
54) Chlorobenzene-d5	9.36	117	443738	50.00 ug/l	0.00 87.99%
74) 1,4-Dichlorobenzene-d4	11.67	152	240875	50.00 ug/l	0.00 72.70%

System Monitoring Compounds

37) Dibromofluoromethane	5.42	111	148400	54.27 ug/l	0.00
Spiked Amount 50.000	Range 65 - 135		Recovery = 108.54%		
40) 1,2-Dichloroethane-d4	5.81	65	124884	51.14 ug/l	0.00
Spiked Amount 50.000	Range 52 - 149		Recovery = 102.28%		
55) Toluene-d8	7.88	98	523725	52.02 ug/l	0.00
Spiked Amount 50.000	Range 85 - 115		Recovery = 104.04%		
76) 4-Bromofluorobenzene	10.53	95	196964	52.01 ug/l	0.00
Spiked Amount 50.000	Range 85 - 120		Recovery = 104.02%		

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	0.00	85	0	N.D.	
3) Chloromethane	0.00	50	0	N.D.	
4) Vinyl Chloride	1.31	62	386	N.D.	
5) Bromomethane	1.55	96	36	N.D.	
6) Chloroethane	1.65	64	464	N.D.	
7) Trichlorofluoromethane	0.00	101	0	N.D.	
8) Acrolein	2.31	56	121	Below Cal	93
9) 1,1-Dichloroethene	2.35	96	97	N.D.	
10) 1,1,2-Trichloro-1,2,2-trif	0.00	101	0	N.D.	
11) Acetone	2.49	43	3861	3.51 ug/l #	84
12) Iodomethane	0.00	142	0	N.D.	
13) Bromoethane	0.00	108	0	N.D.	
14) Carbon Disulfide	2.53	76	1071	N.D.	
15) Allyl chloride	0.00	76	0	N.D.	
16) Acetonitrile	0.00	41	0	N.D.	
17) Methyl Acetate	2.83	43	153	N.D.	
18) Methylene Chloride	2.92	84	39732	Below Cal	96
19) trans-1,2-Dichloroethene	0.00	96	0	N.D.	
20) t-Butyl alcohol	3.22	59	30	N.D.	
21) Methyl tert-butyl ether	3.26	73	66	N.D.	
22) Acrylonitrile	0.00	53	0	N.D.	

(#) = qualifier out of range (m) = manual integration
B1009021.D B8260S.M Wed Oct 10 08:05:04 2007 10/16/07 Page 1

Quantitation Report

Data File : X:\MSVOA\BUDDHA\100907\B1009021.D Vial: 15
Acq On : 9 Oct 2007 13:38 Operator: LPM
Sample : TT02001-007 Inst : Buddha
Misc : #2 5.16GM+ 5ML PFW+IS/SS Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Oct 10 8:04 2007 Quant Results File: B8260S.RES

Quant Method : X:\MSVOA\BUDDHA\QUANT\B8260S.M (RTE Integrator)
Title : VOA 8260- 5ML Soil Calibration 5973B
Last Update : Fri Sep 28 16:30:36 2007
Response via : Initial Calibration
DataAcq Meth : 8260

	Compound	R.T.	QIon	Response	Conc Unit	Qvalue
23)	1,1-Dichloroethane	3.84	63	5042	N.D.	
24)	Chloroprene	0.00	53	0	N.D.	
25)	Isopropyl ether	0.00	45	0	N.D.	
26)	Vinyl acetate	0.00	43	0	N.D.	
27)	Ethyl-t-butyl ether	4.50	59	34	N.D.	
28)	2,2-Dichloropropane	0.00	77	0	N.D.	
29)	cis-1,2-Dichloroethene	4.74	96	13796m	3.83 ug/l	1
30)	2-Butanone	4.83	43	29	N.D.	
31)	Propionitrile	0.00	54	0	N.D.	
32)	Bromochloromethane	0.00	128	0	N.D.	
33)	Methacrylonitrile	5.20	41	29	N.D.	
34)	Chloroform	5.22	83	563	N.D.	
35)	1,1,1-Trichloroethane	5.34	97	23160	5.44 ug/l	96
36)	Cyclohexane	5.34	56	33	N.D.	
38)	Carbon Tetrachloride	0.00	117	0	N.D.	
39)	1,1-Dichloropropene	5.54	75	135	N.D.	
41)	Benzene	5.81	78	809	N.D.	
42)	1,2-Dichloroethane	0.00	62	0	N.D.	
43)	t-Amyl methyl ether	0.00	73	0	N.D.	
44)	Isobutanol	6.03	43	30	N.D.	
45)	Trichloroethene	6.58	130	18782	5.73 ug/l	95
46)	Methylcyclohexane	6.58	83	48	N.D.	
47)	1,2-Dichloropropane	0.00	63	0	N.D.	
48)	Dibromomethane	0.00	93	0	N.D.	
49)	Methyl methacrylate	7.02	41	29	N.D.	
50)	Bromodichloromethane	0.00	83	0	N.D.	
51)	2-Chloroethyl vinyl ether	0.00	63	0	N.D.	
52)	cis-1,3-Dichloropropene	0.00	75	0	N.D.	
53)	4-Methyl-2-pentanone	7.88	43	2146	N.D.	
56)	Toluene	7.95	92	890	N.D.	
57)	trans-1,3-Dichloropropene	8.38	75	31	N.D.	
58)	Ethyl methacrylate	0.00	69	0	N.D.	
59)	1,1,2-Trichloroethane	8.39	97	40	N.D.	
60)	Tetrachloroethene	8.49	166	460	N.D.	
61)	1,3-Dichloropropane	0.00	76	0	N.D.	
62)	2-Hexanone	8.62	43	1737	N.D.	
63)	Dibromochloromethane	0.00	129	0	N.D.	
64)	1,2-Dibromoethane	0.00	107	0	N.D.	
65)	1-Chlorohexane	9.36	91	852	N.D.	
66)	Chlorobenzene	9.39	112	70	N.D.	
67)	1,1,1,2-Tetrachloroethane	0.00	131	0	N.D.	

(#) = qualifier out of range (m) = manual integration

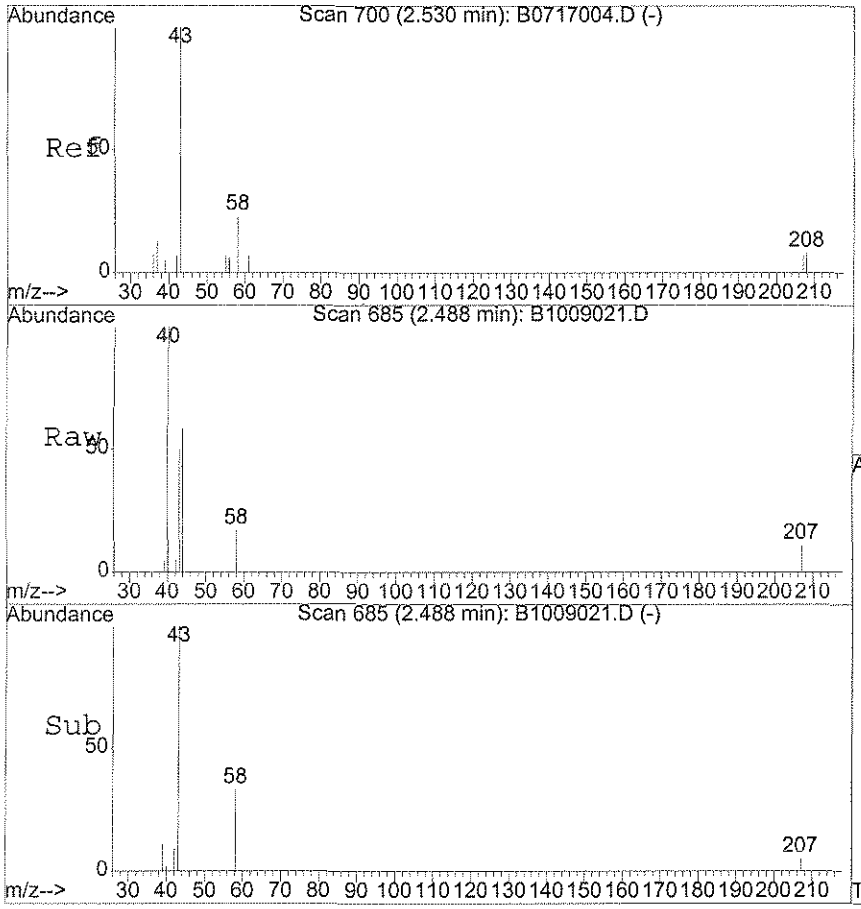
Quantitation Report

Data File : X:\MSVOA\BUDDHA\100907\B1009021.D Vial: 15
Acq On : 9 Oct 2007 13:38 Operator: LPM
Sample : TT02001-007 Inst : Buddha
Misc : #2 5.16GM+ 5ML PFW+IS/SS Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Oct 10 8:04 2007 Quant Results File: B8260S.RES

Quant Method : X:\MSVOA\BUDDHA\QUANT\B8260S.M (RTE Integrator)
Title : VOA 8260- 5ML Soil Calibration 5973B
Last Update : Fri Sep 28 16:30:36 2007
Response via : Initial Calibration
DataAcq Meth : 8260

	Compound	R.T.	QIon	Response	Conc Unit	Qvalue
68)	Ethylbenzene	9.48	91	428	N.D.	
69)	m,p-Xylene	9.60	106	274	N.D.	
70)	o-xylene	10.00	106	76	N.D.	
71)	Styrene	0.00	104	0	N.D.	
72)	Bromoform	0.00	173	0	N.D.	
73)	Isopropylbenzene	10.36	105	132	N.D.	
75)	trans-1,4-Dichloro-2-buten	10.57	53	120	N.D.	
77)	Bromobenzene	10.68	156	30	N.D.	
78)	1,1,2,2-Tetrachloroethane	0.00	83	0	N.D.	
79)	1,2,3-Trichloropropane	0.00	110	0	N.D.	
80)	n-Propylbenzene	10.86	120	35	N.D.	
81)	2-Chlorotoluene	10.86	91	198	N.D.	
82)	4-Chlorotoluene	10.97	91	764	N.D.	
83)	1,3,5-Trimethylbenzene	10.95	105	349	N.D.	
84)	tert-Butylbenzene	0.00	119	0	N.D.	
85)	1,2,4-Trimethylbenzene	11.31	105	417	N.D.	
86)	sec-butylbenzene	11.47	105	179	N.D.	
87)	1,3-Dichlorobenzene	11.60	146	236	N.D.	
88)	4-Isopropyltoluene	11.62	119	1096	N.D.	
89)	1,4-Dichlorobenzene	11.70	146	570	N.D.	
90)	1,2-Dichlorobenzene	12.07	146	202	N.D.	
91)	n-Butylbenzene	12.03	91	225	N.D.	
92)	1,2-Dibromo-3-chloropropan	0.00	75	0	N.D.	
93)	1,2,4-Trichlorobenzene	13.64	180	302	N.D.	
94)	Hexachlorobutadiene	0.00	225	0	N.D.	
95)	Naphthalene	13.90	128	1711	N.D.	
96)	1,2,3-Trichlorobenzene	14.14	180	277	N.D.	

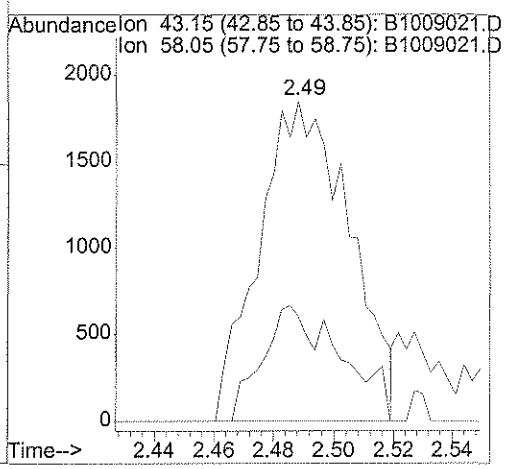
(#) = qualifier out of range (m) = manual integration

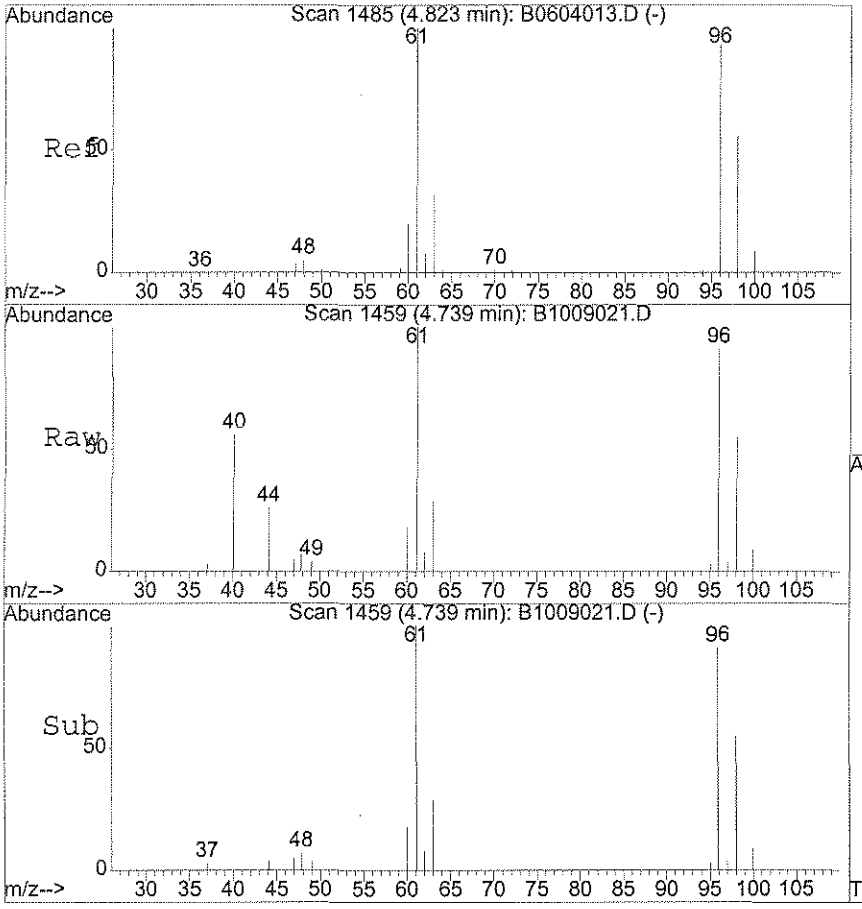


#11
Acetone
Concen: 3.51 ug/l
RT: 2.49 min Scan# 685
Delta R.T. 0.01 min
Lab File: B1009021.D
Acq: 9 Oct 2007 13:38

Tgt Ion: 43 Resp: 3861

Ion	Ratio	Lower	Upper
43	100		
58	19.1	22.0	33.0#

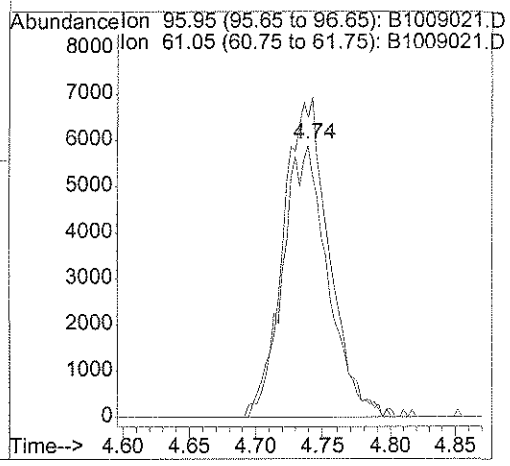




#29
cis-1,2-Dichloroethene
Concen: 3.83 ug/l m
RT: 4.74 min Scan# 1459
Delta R.T. 0.00 min
Lab File: B1009021.D
Acq: 9 Oct 2007 13:38

Tgt Ion: 96 Resp: 13796

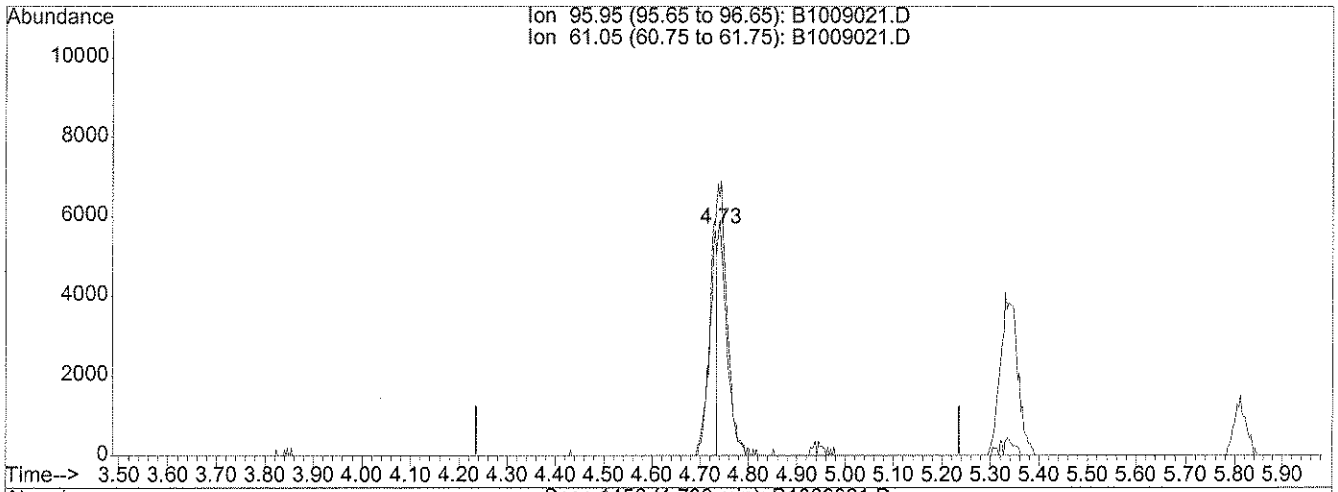
Ion	Ratio	Lower	Upper
96	100		
61	118.1	107.4	161.0

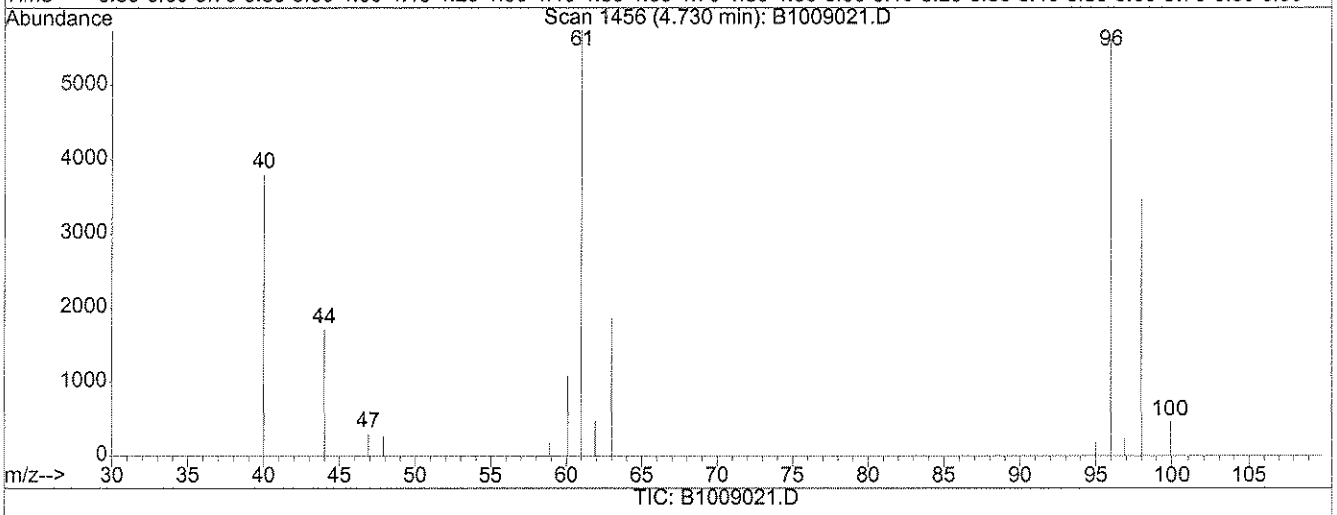


Quantitation Report (Qedit)

Data File : X:\MSVOA\BUDDHA\100907\B1009021.D Vial: 15
Acq On : 9 Oct 2007 13:38 Operator: LPM
Sample : TT02001-007 Inst : Buddha
Misc : #2 5.16GM+ 5ML PFW+IS/SS Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Oct 10 5:43 2007 Quant Results File: temp.res

Method : X:\MSVOA\BUDDHA\QUANT\B8260S.M (RTE Integrator)
Title : VOA 8260- 5ML Soil Calibration 5973B
Last Update : Fri Sep 28 16:30:36 2007
Response via : Multiple Level Calibration





(29) cis-1,2-Dichloroethene (T)

4.73min 1.66ug/l

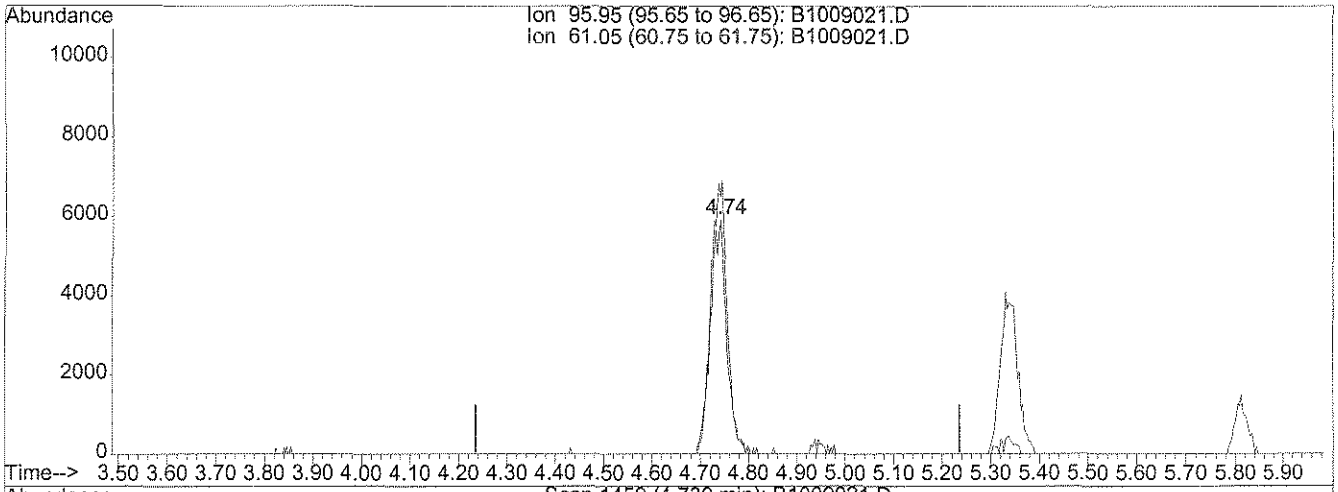
response 5970

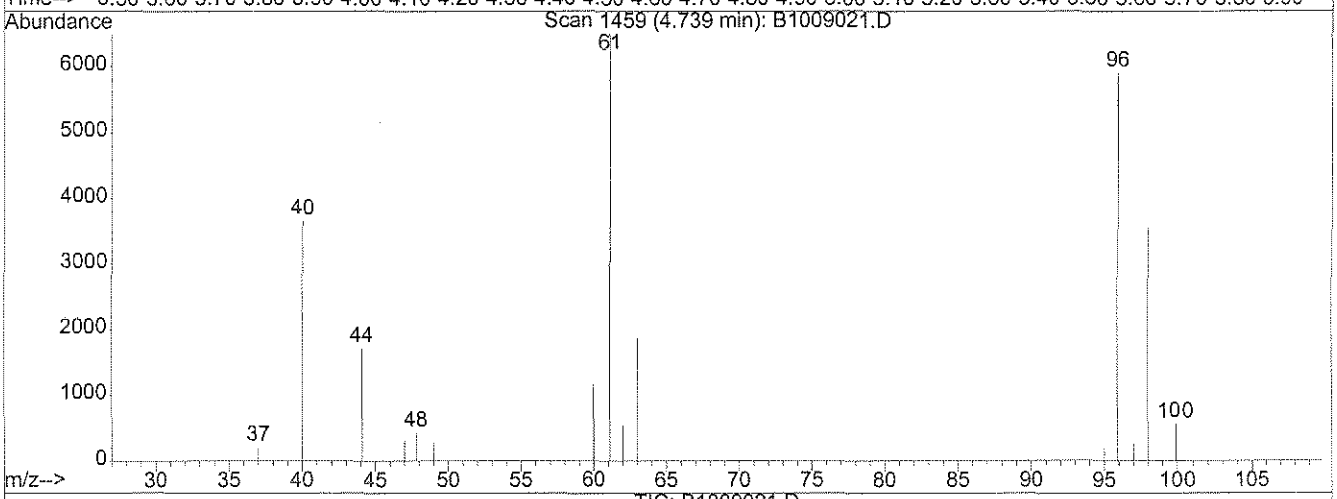
Ion	Exp%	Act%
95.95	100	100
61.05	134.20	272.85#
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data File : X:\MSVOA\BUDDHA\100907\B1009021.D Vial: 15
Acq On : 9 Oct 2007 13:38 Operator: LPM
Sample : TT02001-007 Inst : Buddha
Misc : #2 5.16GM+ 5ML PFW+IS/SS Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Oct 10 8:04 2007 Quant Results File: temp.res

Method : X:\MSVOA\BUDDHA\QUANT\B8260S.M (RTE Integrator)
Title : VOA 8260- 5ML Soil Calibration 5973B
Last Update : Fri Sep 28 16:30:36 2007
Response via : Multiple Level Calibration





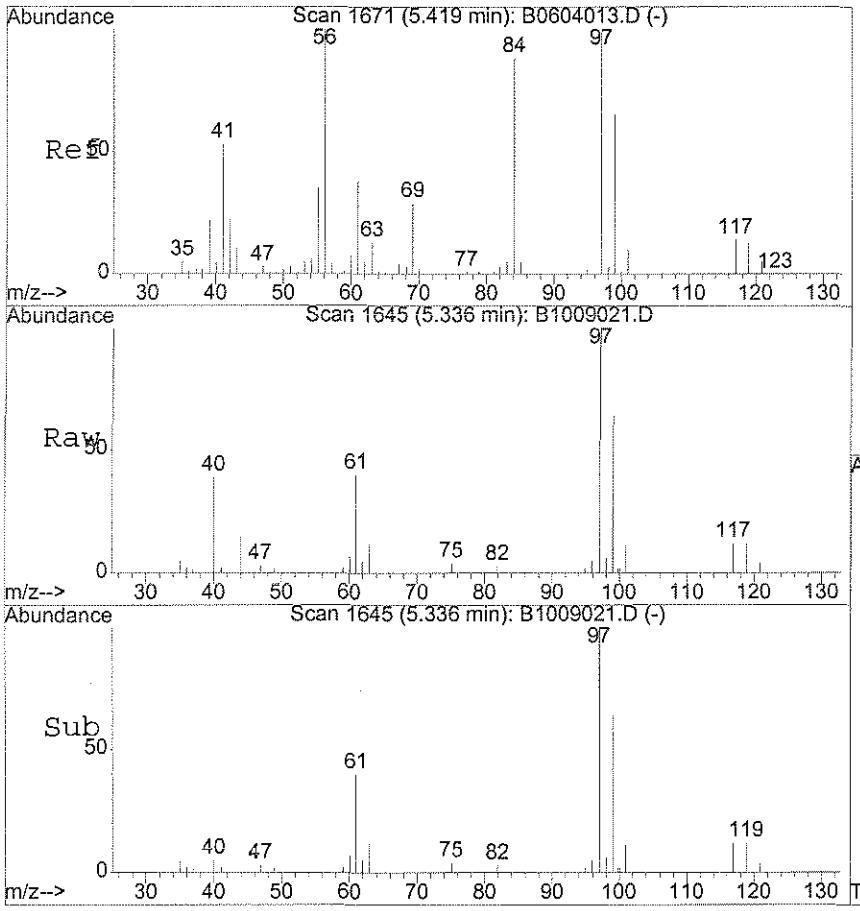
TIC: B1009021.D

(29) cis-1,2-Dichloroethene (T)

4.74min 3.83ug/l m

response 13796

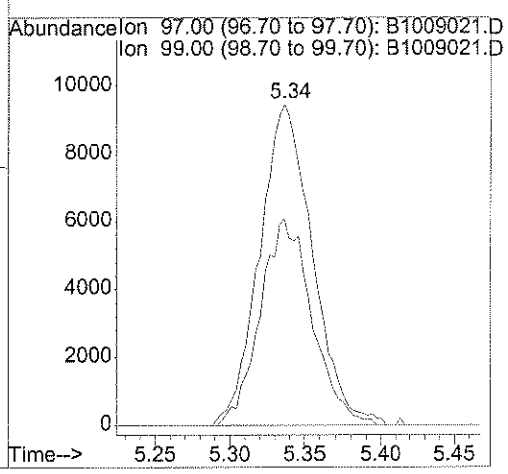
Ion	Exp%	Act%
95.95	100	100
61.05	134.20	118.07
0.00	0.00	0.00
0.00	0.00	0.00

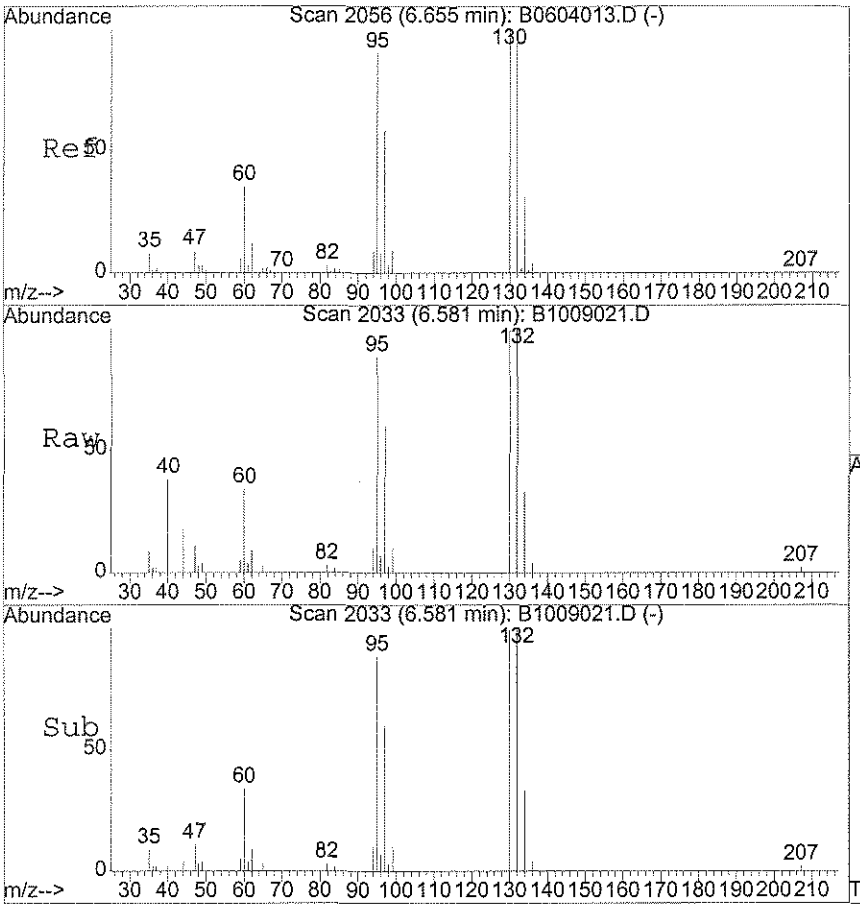


#35
1,1,1-Trichloroethane
Concen: 5.44 ug/l
RT: 5.34 min Scan# 1645
Delta R.T. 0.00 min
Lab File: B1009021.D
Acq: 9 Oct 2007 13:38

Tgt Ion: 97 Resp: 23160

Ion	Ratio	Lower	Upper
97	100		
99	63.1	40.3	80.3

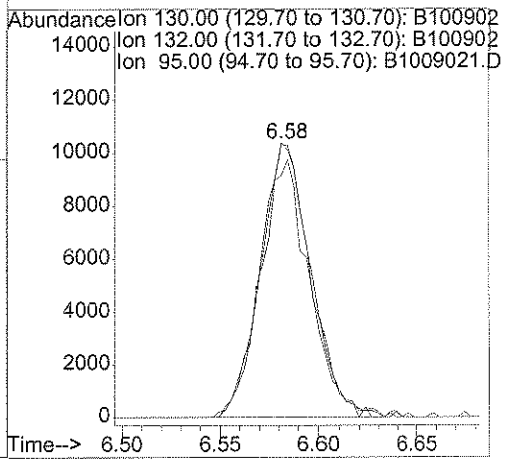




#45
Trichloroethene
Concen: 5.73 ug/l
RT: 6.58 min Scan# 2033
Delta R.T. -0.00 min
Lab File: B1009021.D
Acq: 9 Oct 2007 13:38

Tgt Ion:130 Resp: 18782

Ion	Ratio	Lower	Upper
130	100		
132	96.2	80.2	120.2
95	90.6	75.8	115.8



1

VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

08SSW008

Lab Name: _____ Contract: _____

SDG No.: TT02001 Run Sequence: R022318

Matrix: (SOIL/SED/WATER) Soil Lab Sample ID: TT02001-008

Sample wt/vol: 4.24 (g/mL) gm Lab File ID: B1009022.D

Level: (LOW/MED) _____ Date Collected: 10/03/2007

% Moisture: not dec. 20.0 Date/Time Analyzed: 10/09/2007 14:04

GC Column: ZB-624 20m ID: 0.18 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____(uL) Soil Aliquot Volume: _____(uL)

Heated Purge: (Y/N) Y

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/kg	Q
1330-20-7	XYLENES, TOTAL	1.5	U
75-71-8	DICHLORODIFLUOROMETHANE	1.5	U
74-87-3	CHLOROMETHANE	1.5	U
75-01-4	VINYL CHLORIDE	1.5	U
74-83-9	BROMOMETHANE	1.5	U
75-00-3	CHLOROETHANE	1.5	U
75-69-4	TRICHLOROFLUOROMETHANE	1.5	U
75-35-4	1,1-DICHLOROETHENE	1.5	U
76-13-1	1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	1.5	U
67-64-1	ACETONE	14	JB
75-15-0	CARBON DISULFIDE	1.5	U
79-20-9	METHYL ACETATE	1.5	U
75-09-2	METHYLENE CHLORIDE	4.4	B
1634-04-4	METHYL TERT-BUTYL ETHER	1.5	U
156-60-5	TRANS-1,2-DICHLOROETHENE	1.5	U
75-34-3	1,1-DICHLOROETHANE	1.5	U
156-59-2	CIS-1,2-DICHLOROETHENE	1.5	U
78-93-3	2-BUTANONE	1.5	U
67-66-3	CHLOROFORM	1.5	U
71-55-6	1,1,1-TRICHLOROETHANE	4.5	
110-82-7	CYCLOHEXANE	1.5	U
56-23-5	CARBON TETRACHLORIDE	1.5	U
71-43-2	BENZENE	1.5	U
107-06-2	1,2-DICHLOROETHANE	1.5	U
79-01-6	TRICHLOROETHENE	6.2	
108-87-2	METHYLCYCLOHEXANE	1.5	U
78-87-5	1,2-DICHLOROPROPANE	1.5	U
75-27-4	BROMODICHLOROMETHANE	1.5	U
10061-01-	CIS-1,3-DICHLOROPROPENE	1.5	U

VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

08SSW008

Lab Name: _____ Contract: _____

SDG No.: TT02001 Run Sequence: R022318

Matrix: (SOIL/SED/WATER) Soil Lab Sample ID: TT02001-008

Sample wt/vol: 4.24 (g/mL) gm Lab File ID: B1009022.D

Level: (LOW/MED) _____ Date Collected: 10/03/2007

% Moisture: not dec. 20.0 Date/Time Analyzed: 10/09/2007 14:04

GC Column: ZB-624 20m ID: 0.18 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____(uL) Soil Aliquot Volume: _____(uL)

Heated Purge: (Y/N) Y

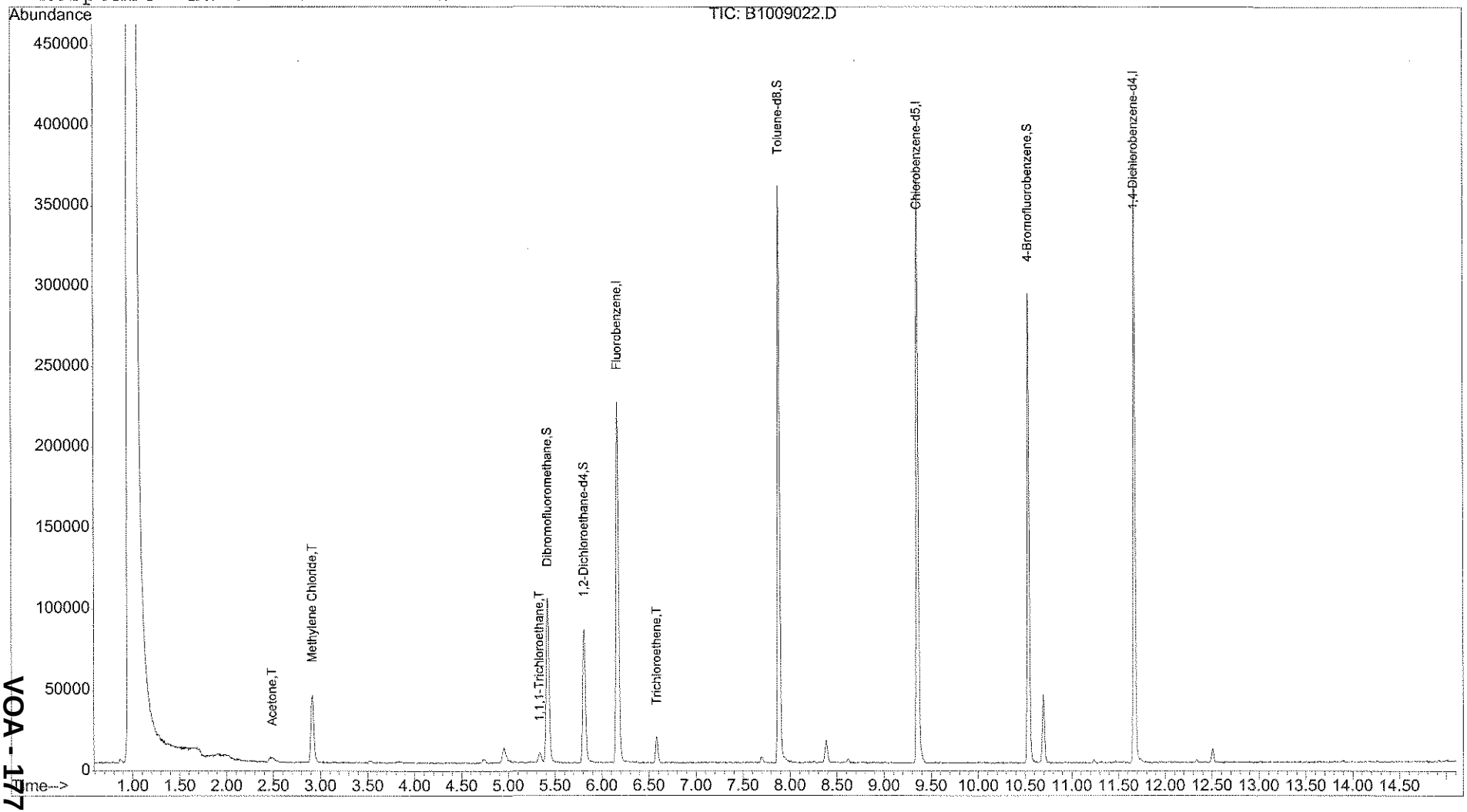
CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/kg	Q
108-10-1	4-METHYL-2-PENTANONE	1.5	U
108-88-3	TOLUENE	1.5	U
10061-02-	TRANS-1,3-DICHLOROPROPENE	1.5	U
79-00-5	1,1,2-TRICHLOROETHANE	1.5	U
127-18-4	TETRACHLOROETHENE	1.5	U
591-78-6	2-HEXANONE	1.5	U
124-48-1	DIBROMOCHLOROMETHANE	1.5	U
106-93-4	1,2-DIBROMOETHANE	1.5	U
108-90-7	CHLOROBENZENE	1.5	U
100-41-4	ETHYLBENZENE	1.5	U
179601-23	M,P-XYLENE	1.5	U
95-47-6	O-XYLENE	1.5	U
100-42-5	STYRENE	1.5	U
75-25-2	BROMOFORM	1.5	U
98-82-8	ISOPROPYLBENZENE	1.5	U
79-34-5	1,1,2,2-TETRACHLOROETHANE	1.5	U
541-73-1	1,3-DICHLOROBENZENE	1.5	U
106-46-7	1,4-DICHLOROBENZENE	1.5	U
95-50-1	1,2-DICHLOROBENZENE	1.5	U
96-12-8	1,2-DIBROMO-3-CHLOROPROPANE	1.5	U
120-82-1	1,2,4-TRICHLOROBENZENE	1.5	U

Comments:

Quantitation Report

Data File : X:\MSVOA\BUDDHA\100907\B1009022.D Vial: 16
Acq On : 9 Oct 2007 14:04 Operator: LPM
Sample : TT02001-008 Inst : Buddha
Misc : #2 4.24GM+ 5ML PFW+IS/SS Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Oct 10 8:05 2007 Quant Results File: B8260S.RES

Method : X:\MSVOA\BUDDHA\QUANT\B8260S.M (RTE Integrator)
Title : VOA 8260- 5ML Soil Calibration 5973B
Last Update : Fri Sep 28 16:30:36 2007
Response via : Initial Calibration



VOA - 177

Quantitation Report

Data File : X:\MSVOA\BUDDHA\100907\B1009022.D Vial: 16
Acq On : 9 Oct 2007 14:04 Operator: LPM
Sample : TT02001-008 Inst : Buddha
Misc : #2 4.24GM+ 5ML PFW+IS/SS Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Oct 10 8:05 2007 Quant Results File: B8260S.RES

Quant Method : X:\MSVOA\BUDDHA\QUANT\B8260S.M (RTE Integrator)
Title : VOA 8260- 5ML Soil Calibration 5973B
Last Update : Fri Sep 28 16:30:36 2007
Response via : Initial Calibration
DataAcq Meth : 8260
IS QA File : X:\MSVOA\BUDDHA\092807\B0928013.D (28 Sep 2007 12:55)

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min) Rcv(Ar)
1) Fluorobenzene	6.17	96	212067	50.00 ug/l	0.00 33.92%
54) Chlorobenzene-d5	9.36	117	203485	50.00 ug/l	0.00 40.35%
74) 1,4-Dichlorobenzene-d4	11.67	152	101039	50.00 ug/l	0.00 30.50%

System Monitoring Compounds					
37) Dibromofluoromethane	5.42	111	71373	59.65 ug/l	0.00
Spiked Amount 50.000	Range 65 - 135		Recovery = 119.30%		
40) 1,2-Dichloroethane-d4	5.81	65	60343	56.47 ug/l	0.00
Spiked Amount 50.000	Range 52 - 149		Recovery = 112.94%		
55) Toluene-d8	7.88	98	228690	49.53 ug/l	0.00
Spiked Amount 50.000	Range 85 - 115		Recovery = 99.06%		
76) 4-Bromofluorobenzene	10.53	95	85947	54.11 ug/l	0.00
Spiked Amount 50.000	Range 85 - 120		Recovery = 108.22%		

Target Compounds					Qvalue
2) Dichlorodifluoromethane	0.00	85	0	N.D.	
3) Chloromethane	0.00	50	0	N.D.	
4) Vinyl Chloride	1.31	62	496	N.D.	
5) Bromomethane	1.54	96	26	N.D.	
6) Chloroethane	1.65	64	595	N.D.	
7) Trichlorofluoromethane	1.85	101	27	N.D.	
8) Acrolein	2.30	56	27	Below Cal #	13
9) 1,1-Dichloroethene	2.34	96	26	N.D.	
10) 1,1,2-Trichloro-1,2,2-trif	0.00	101	0	N.D.	
11) Acetone	2.49	43	4446	9.24 ug/l #	71
12) Iodomethane	0.00	142	0	N.D.	
13) Bromoethane	0.00	108	0	N.D.	
14) Carbon Disulfide	2.54	76	737	N.D.	
15) Allyl chloride	0.00	76	0	N.D.	
16) Acetonitrile	2.82	41	89	N.D.	
17) Methyl Acetate	0.00	43	0	N.D.	
18) Methylene Chloride	2.92	84	22595	3.00 ug/l	94
19) trans-1,2-Dichloroethene	0.00	96	0	N.D.	
20) t-Butyl alcohol	3.22	59	65	N.D.	
21) Methyl tert-butyl ether	3.26	73	27	N.D.	
22) Acrylonitrile	0.00	53	0	N.D.	

(#) = qualifier out of range (m) = manual integration
B1009022.D B8260S.M Wed Oct 10 08:05:35 2007

Quantitation Report

Data File : X:\MSVOA\BUDDHA\100907\B1009022.D Vial: 16
Acq On : 9 Oct 2007 14:04 Operator: LPM
Sample : TT02001-008 Inst : Buddha
Misc : #2 4.24GM+ 5ML PFW+IS/SS Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Oct 10 8:05 2007 Quant Results File: B8260S.RES

Quant Method : X:\MSVOA\BUDDHA\QUANT\B8260S.M (RTE Integrator)
Title : VOA 8260- 5ML Soil Calibration 5973B
Last Update : Fri Sep 28 16:30:36 2007
Response via : Initial Calibration
DataAcq Meth : 8260

Compound	R.T.	QIon	Response	Conc Unit	Qvalue
23) 1,1-Dichloroethane	3.83	63	1014	N.D.	
24) Chloroprene	0.00	53	0	N.D.	
25) Isopropyl ether	0.00	45	0	N.D.	
26) Vinyl acetate	4.00	43	26	N.D.	
27) Ethyl-t-butyl ether	0.00	59	0	N.D.	
28) 2,2-Dichloropropane	0.00	77	0	N.D.	
29) cis-1,2-Dichloroethene	4.73	96	1552	N.D.	
30) 2-Butanone	4.90	43	66	N.D.	
31) Propionitrile	0.00	54	0	N.D.	
32) Bromochloromethane	0.00	128	0	N.D.	
33) Methacrylonitrile	0.00	41	0	N.D.	
34) Chloroform	5.22	83	136	N.D.	
35) 1,1,1-Trichloroethane	5.33	97	5660	3.04 ug/l	92
36) Cyclohexane	0.00	56	0	N.D.	
38) Carbon Tetrachloride	0.00	117	0	N.D.	
39) 1,1-Dichloropropene	5.55	75	34	N.D.	
41) Benzene	5.80	78	101	N.D.	
42) 1,2-Dichloroethane	0.00	62	0	N.D.	
43) t-Amyl methyl ether	0.00	73	0	N.D.	
44) Isobutanol	5.84	43	36	N.D.	
45) Trichloroethene	6.58	130	6071	4.23 ug/l	99
46) Methylcyclohexane	0.00	83	0	N.D.	
47) 1,2-Dichloropropane	0.00	63	0	N.D.	
48) Dibromomethane	0.00	93	0	N.D.	
49) Methyl methacrylate	6.93	41	30	N.D.	
50) Bromodichloromethane	0.00	83	0	N.D.	
51) 2-Chloroethyl vinyl ether	0.00	63	0	N.D.	
52) cis-1,3-Dichloropropene	0.00	75	0	N.D.	
53) 4-Methyl-2-pentanone	7.88	43	848	N.D.	
56) Toluene	7.96	92	238	N.D.	
57) trans-1,3-Dichloropropene	8.38	75	30	N.D.	
58) Ethyl methacrylate	0.00	69	0	N.D.	
59) 1,1,2-Trichloroethane	8.39	97	131	N.D.	
60) Tetrachloroethene	8.50	166	33	N.D.	
61) 1,3-Dichloropropane	0.00	76	0	N.D.	
62) 2-Hexanone	0.00	43	0	N.D. d	
63) Dibromochloromethane	0.00	129	0	N.D.	
64) 1,2-Dibromoethane	0.00	107	0	N.D.	
65) 1-Chlorohexane	9.35	91	256	N.D.	
66) Chlorobenzene	9.39	112	31	N.D.	
67) 1,1,1,2-Tetrachloroethane	0.00	131	0	N.D.	

(#) = qualifier out of range (m) = manual integration

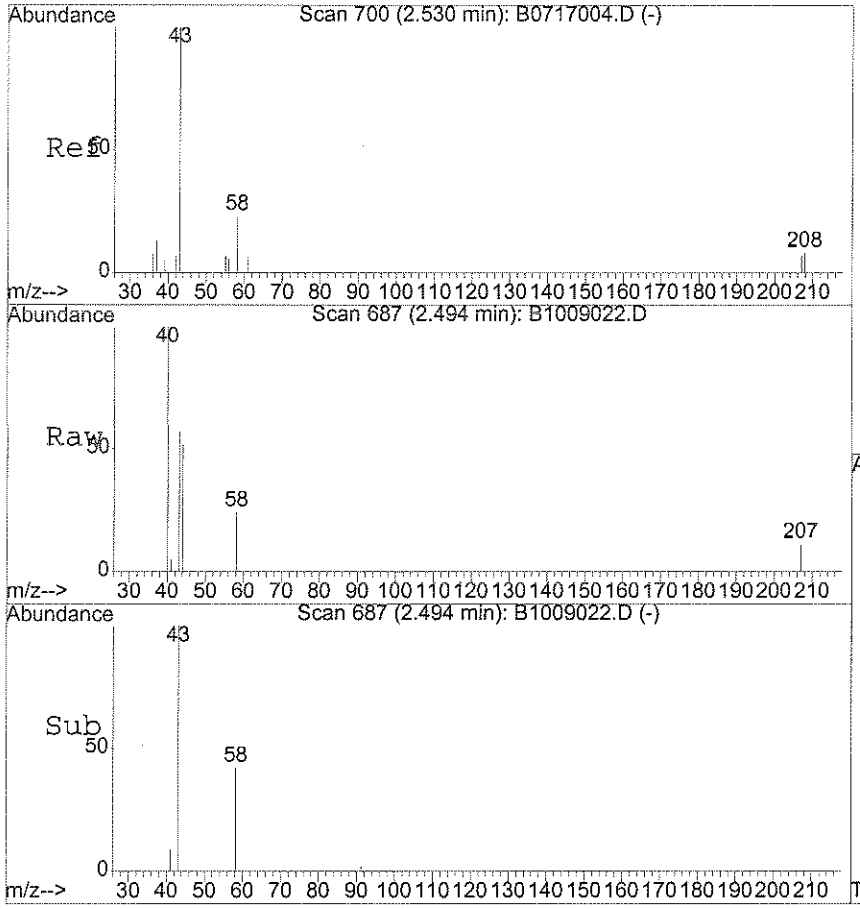
Quantitation Report

Data File : X:\MSVOA\BUDDHA\100907\B1009022.D Vial: 16
Acq On : 9 Oct 2007 14:04 Operator: LPM
Sample : TT02001-008 Inst : Buddha
Misc : #2 4.24GM+ 5ML PFW+IS/SS Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Oct 10 8:05 2007 Quant Results File: B8260S.RES

Quant Method : X:\MSVOA\BUDDHA\QUANT\B8260S.M (RTE Integrator)
Title : VOA 8260- 5ML Soil Calibration 5973B
Last Update : Fri Sep 28 16:30:36 2007
Response via : Initial Calibration
DataAcq Meth : 8260

	Compound	R.T.	QIon	Response	Conc Unit	Qvalue
68)	Ethylbenzene	9.49	91	150	N.D.	
69)	m,p-Xylene	9.60	106	187	N.D.	
70)	o-xylene	10.00	106	31	N.D.	
71)	Styrene	10.03	104	65	N.D.	
72)	Bromoform	0.00	173	0	N.D.	
73)	Isopropylbenzene	10.36	105	32	N.D.	
75)	trans-1,4-Dichloro-2-buten	0.00	53	0	N.D.	
77)	Bromobenzene	0.00	156	0	N.D.	
78)	1,1,2,2-Tetrachloroethane	0.00	83	0	N.D.	
79)	1,2,3-Trichloropropane	0.00	110	0	N.D.	
80)	n-Propylbenzene	0.00	120	0	N.D.	
81)	2-Chlorotoluene	10.86	91	65	N.D.	
82)	4-Chlorotoluene	10.97	91	233	N.D.	
83)	1,3,5-Trimethylbenzene	10.94	105	71	N.D.	
84)	tert-Butylbenzene	0.00	119	0	N.D.	
85)	1,2,4-Trimethylbenzene	11.31	105	306	N.D.	
86)	sec-butylbenzene	11.31	105	306	N.D.	
87)	1,3-Dichlorobenzene	11.61	146	169	N.D.	
88)	4-Isopropyltoluene	11.62	119	117	N.D.	
89)	1,4-Dichlorobenzene	11.70	146	462	N.D.	
90)	1,2-Dichlorobenzene	12.06	146	176	N.D.	
91)	n-Butylbenzene	12.03	91	238	N.D.	
92)	1,2-Dibromo-3-chloropropan	0.00	75	0	N.D.	
93)	1,2,4-Trichlorobenzene	13.64	180	119	N.D.	
94)	Hexachlorobutadiene	0.00	225	0	N.D.	
95)	Naphthalene	13.89	128	1249	N.D.	
96)	1,2,3-Trichlorobenzene	14.14	180	35	N.D.	

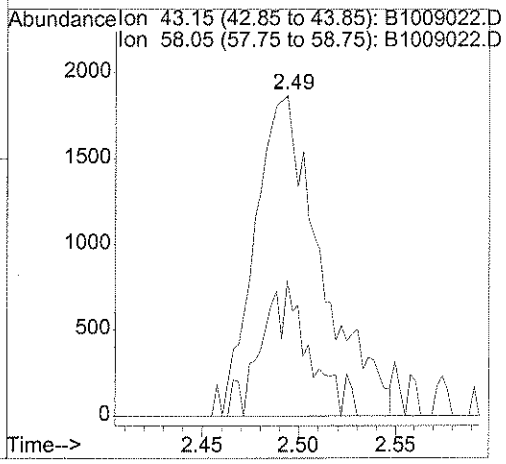
(#) = qualifier out of range (m) = manual integration

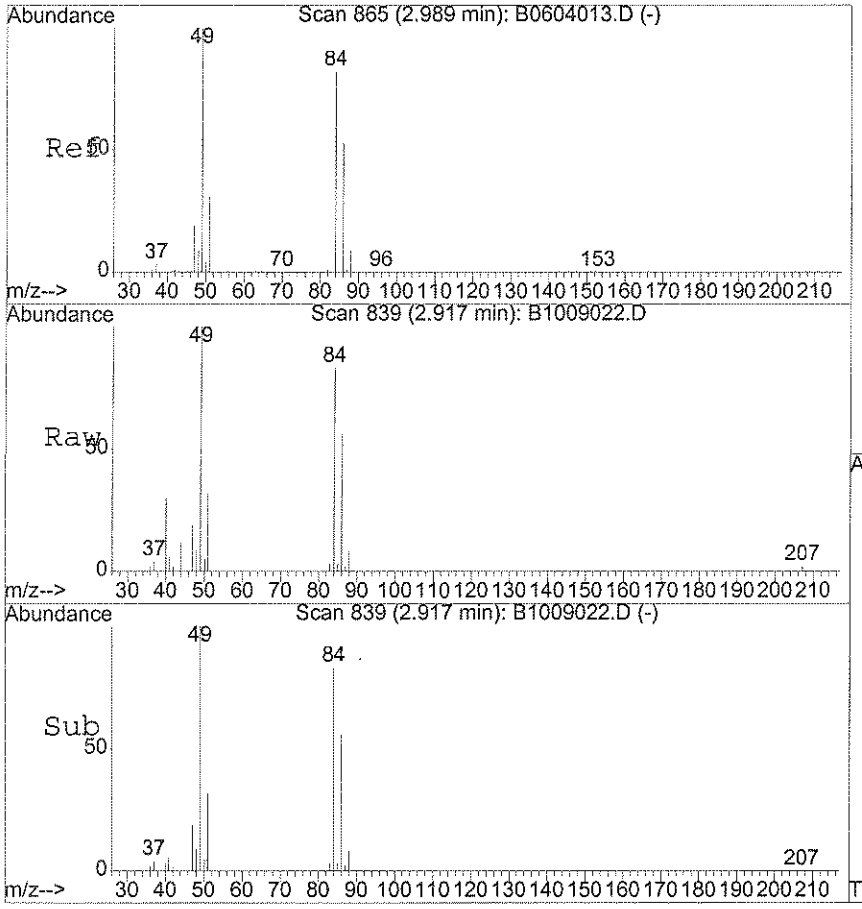


#11
Acetone
Concen: 9.24 ug/l
RT: 2.49 min Scan# 687
Delta R.T. 0.02 min
Lab File: B1009022.D
Acq: 9 Oct 2007 14:04

Tgt Ion: 43 Resp: 4446

Ion	Ratio	Lower	Upper
43	100		
58	12.5	22.0	33.0#

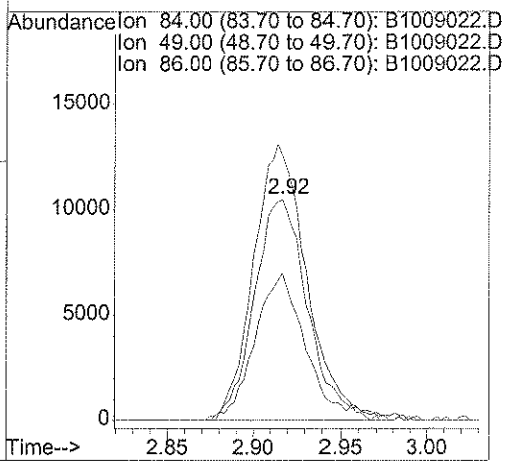


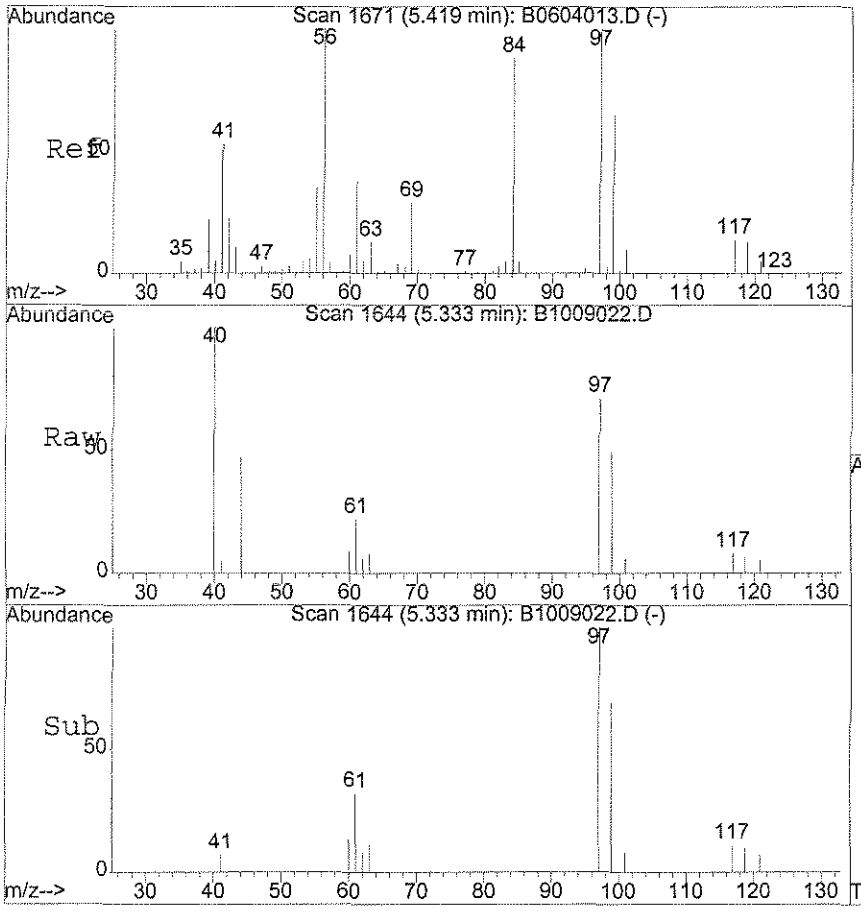


#18
Methylene Chloride
Concen: 3.00 ug/l
RT: 2.92 min Scan# 839
Delta R.T. 0.01 min
Lab File: B1009022.D
Acq: 9 Oct 2007 14:04

Tgt Ion: 84 Resp: 22595

Ion	Ratio	Lower	Upper
84	100		
49	124.5	113.6	153.6
86	62.8	45.8	85.8

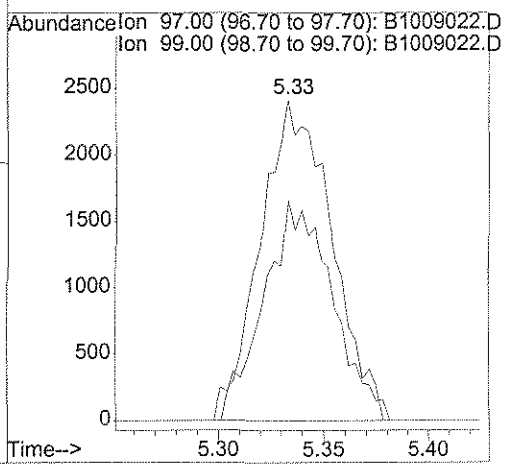


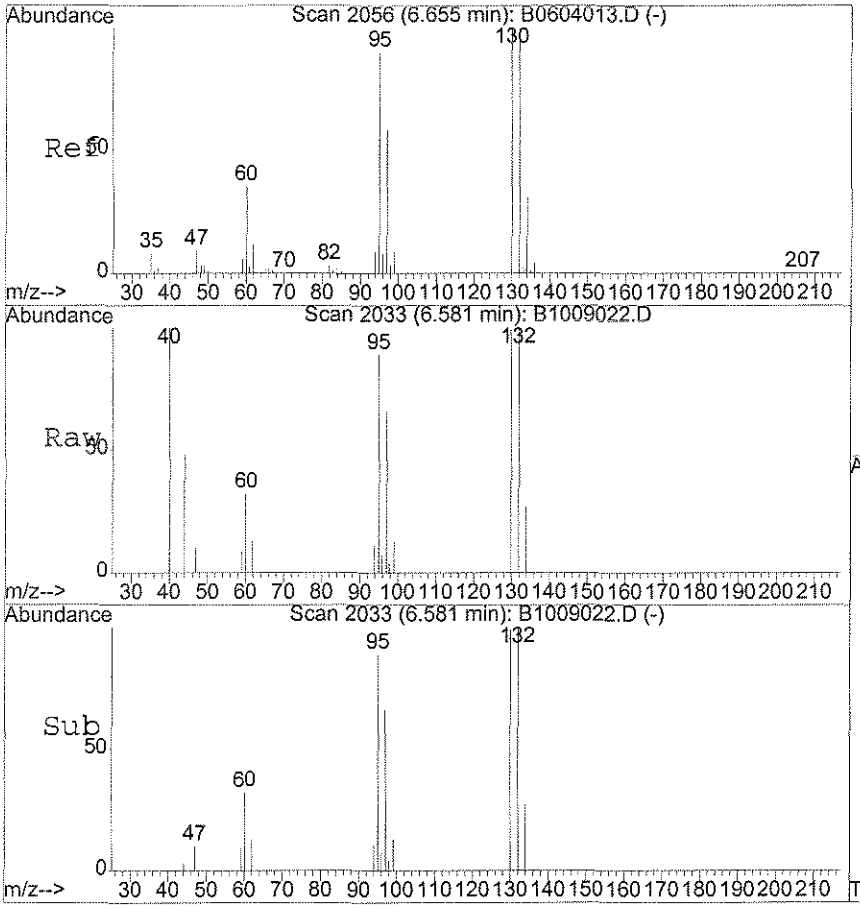


#35
1,1,1-Trichloroethane
Concen: 3.04 ug/l
RT: 5.33 min Scan# 1644
Delta R.T. 0.00 min
Lab File: B1009022.D
Acq: 9 Oct 2007 14:04

Tgt Ion: 97 Resp: 5660

Ion	Ratio	Lower	Upper
97	100		
99	66.2	40.3	80.3

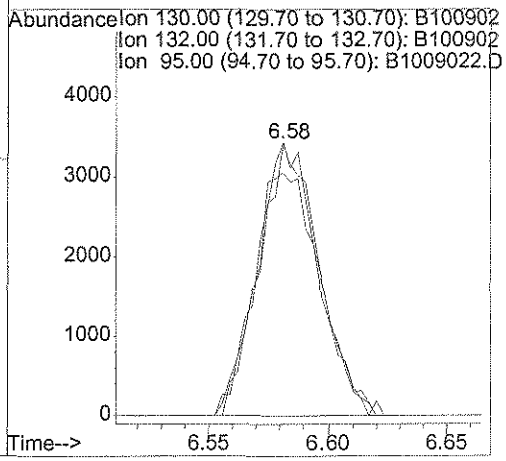




#45
Trichloroethene
Concen: 4.23 ug/l
RT: 6.58 min Scan# 2033
Delta R.T. -0.00 min
Lab File: B1009022.D
Acq: 9 Oct 2007 14:04

Tgt Ion:130 Resp: 6071

Ion	Ratio	Lower	Upper
130	100		
132	100.0	80.2	120.2
95	94.4	75.8	115.8



1

VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

08SSW008RE

Lab Name: _____ Contract: _____

SDG No.: TT02001 Run Sequence: R022374

Matrix: (SOIL/SED/WATER) Soil Lab Sample ID: TT02001-008RE

Sample wt/vol: 5.60 (g/mL) gm Lab File ID: B1010014.D

Level: (LOW/MED) _____ Date Collected: 10/03/2007

% Moisture: not dec. 20.0 Date/Time Analyzed: 10/10/2007 11:28

GC Column: ZB-624 20m ID: 0.18 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____(uL) Soil Aliquot Volume: _____(uL)

Heated Purge: (Y/N) Y

CAS NO.	COMPOUND	CONCENTRATION UNITS: ug/kg	Q
1330-20-7	XYLENES, TOTAL	1.1	U
75-71-8	DICHLORODIFLUOROMETHANE	1.1	U
74-87-3	CHLOROMETHANE	1.1	U
75-01-4	VINYL CHLORIDE	1.1	U
74-83-9	BROMOMETHANE	1.1	U
75-00-3	CHLOROETHANE	1.1	U
75-69-4	TRICHLOROFLUOROMETHANE	1.1	U
75-35-4	1,1-DICHLOROETHENE	1.1	U
76-13-1	1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	1.1	U
67-64-1	ACETONE	5.8	JB
75-15-0	CARBON DISULFIDE	1.1	U
79-20-9	METHYL ACETATE	1.1	U
75-09-2	METHYLENE CHLORIDE	22	B
1634-04-4	METHYL TERT-BUTYL ETHER	1.1	U
156-60-5	TRANS-1,2-DICHLOROETHENE	1.1	U
75-34-3	1,1-DICHLOROETHANE	1.1	U
156-59-2	CIS-1,2-DICHLOROETHENE	1.3	J
78-93-3	2-BUTANONE	1.1	U
67-66-3	CHLOROFORM	1.1	U
71-55-6	1,1,1-TRICHLOROETHANE	2.8	J
110-82-7	CYCLOHEXANE	1.1	U
56-23-5	CARBON TETRACHLORIDE	1.1	U
71-43-2	BENZENE	1.1	U
107-06-2	1,2-DICHLOROETHANE	1.1	U
79-01-6	TRICHLOROETHENE	5.9	
108-87-2	METHYLCYCLOHEXANE	1.1	U
78-87-5	1,2-DICHLOROPROPANE	1.1	U
75-27-4	BROMODICHLOROMETHANE	1.1	U
10061-01-	CIS-1,3-DICHLOROPROPENE	1.1	U

1
VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

08SSW008RE

Lab Name: _____ Contract: _____

SDG No.: TT02001 Run Sequence: R022374

Matrix: (SOIL/SED/WATER) Soil Lab Sample ID: TT02001-008RE

Sample wt/vol: 5.60 (g/mL) gm Lab File ID: B1010014.D

Level: (LOW/MED) _____ Date Collected: 10/03/2007

% Moisture: not dec. 20.0 Date/Time Analyzed: 10/10/2007 11:28

GC Column: ZB-624 20m ID: 0.18 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____(uL) Soil Aliquot Volume: _____(uL)

Heated Purge: (Y/N) Y

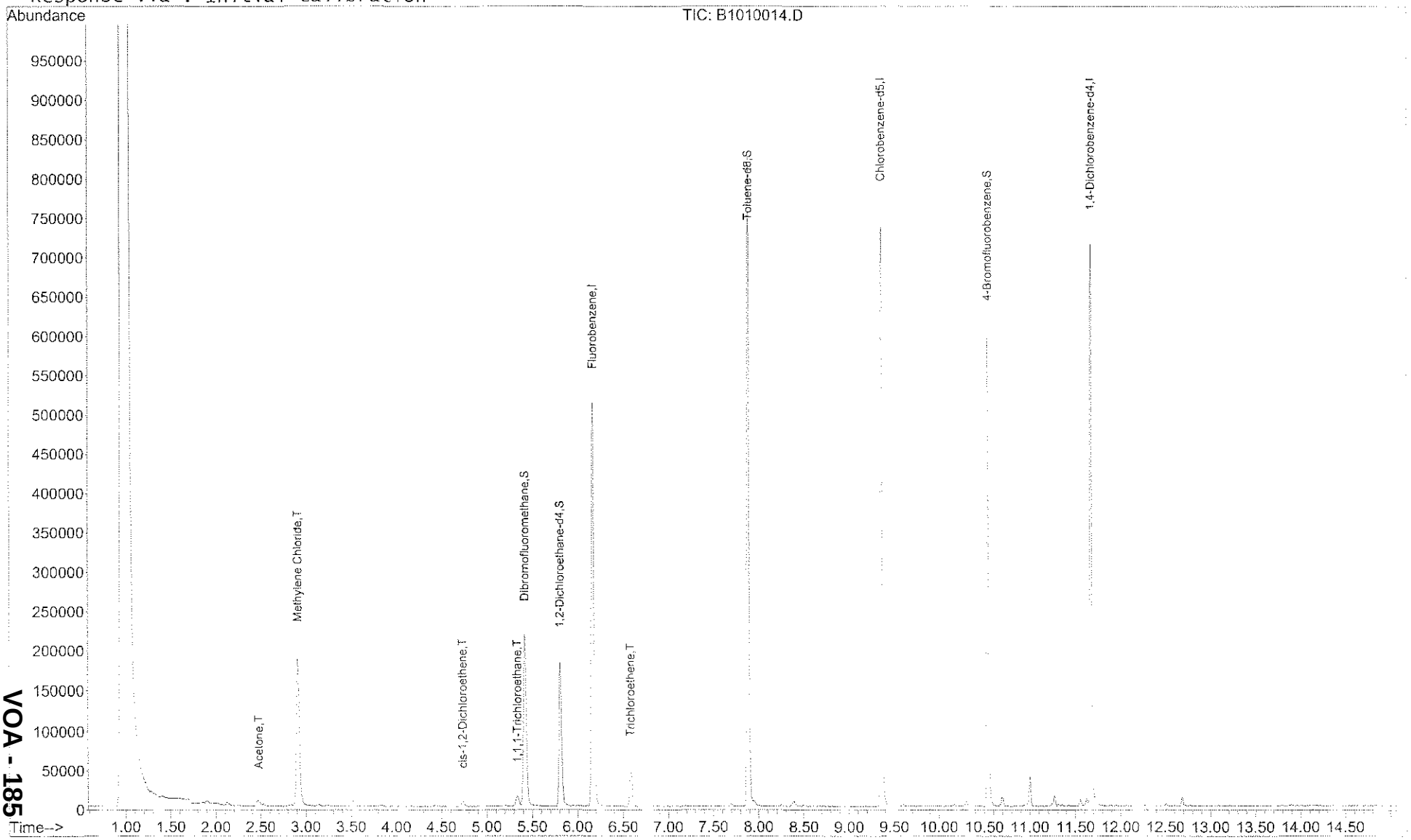
CAS NO.	COMPOUND	CONCENTRATION UNITS: ug/kg	Q
108-10-1	4-METHYL-2-PENTANONE	1.1	U
108-88-3	TOLUENE	1.1	U
10061-02-	TRANS-1,3-DICHLOROPROPENE	1.1	U
79-00-5	1,1,2-TRICHLOROETHANE	1.1	U
127-18-4	TETRACHLOROETHENE	1.1	U
591-78-6	2-HEXANONE	1.1	U
124-48-1	DIBROMOCHLOROMETHANE	1.1	U
106-93-4	1,2-DIBROMOETHANE	1.1	U
108-90-7	CHLOROBENZENE	1.1	U
100-41-4	ETHYLBENZENE	1.1	U
179601-23	M,P-XYLENE	1.1	U
95-47-6	O-XYLENE	1.1	U
100-42-5	STYRENE	1.1	U
75-25-2	BROMOFORM	1.1	U
98-82-8	ISOPROPYLBENZENE	1.1	U
79-34-5	1,1,2,2-TETRACHLOROETHANE	1.1	U
541-73-1	1,3-DICHLOROBENZENE	1.1	U
106-46-7	1,4-DICHLOROBENZENE	1.1	U
95-50-1	1,2-DICHLOROBENZENE	1.1	U
96-12-8	1,2-DIBROMO-3-CHLOROPROPANE	1.1	U
120-82-1	1,2,4-TRICHLOROBENZENE	1.1	U

Comments:

Quantitation Report

Data File : X:\MSVOA\BUDDHA\101007\B1010014.D Vial: 10
Acq On : 10 Oct 2007 11:28 Operator: LPM
Sample : TT02001-008RE Inst : Buddha
Misc : #3 5.60G+ 5ML+IS/SS Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Oct 11 5:36 2007 Quant Results File: B8260S.RES

Method : X:\MSVOA\BUDDHA\QUANT\B8260S.M (RTE Integrator)
Title : VOA 8260- 5ML Soil Calibration 5973B
Last Update : Fri Sep 28 16:30:36 2007
Response via : Initial Calibration



Quantitation Report

Data File : X:\MSVOA\BUDDHA\101007\B1010014.D Vial: 10
Acq On : 10 Oct 2007 11:28 Operator: LPM
Sample : TT02001-008RE Inst : Buddha
Misc : #3 5.60G+ 5ML+IS/SS Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Oct 11 5:36 2007 Quant Results File: B8260S.RES

Quant Method : X:\MSVOA\BUDDHA\QUANT\B8260S.M (RTE Integrator)
Title : VOA 8260- 5ML Soil Calibration 5973B
Last Update : Fri Sep 28 16:30:36 2007
Response via : Initial Calibration
DataAcq Meth : 8260
IS QA File : X:\MSVOA\BUDDHA\092807\B0928013.D (28 Sep 2007 12:55)

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min) Rcv(Ar)
1) Fluorobenzene	6.17	96	491417	50.00 ug/l	0.00 78.61%
54) Chlorobenzene-d5	9.36	117	417082	50.00 ug/l	0.00 82.71%
74) 1,4-Dichlorobenzene-d4	11.67	152	190292	50.00 ug/l	0.00 57.44%

System Monitoring Compounds

37) Dibromofluoromethane	5.42	111	149985	54.09 ug/l	0.00
Spiked Amount 50.000	Range 65 - 135		Recovery = 108.18%		
40) 1,2-Dichloroethane-d4	5.81	65	129295	52.22 ug/l	0.00
Spiked Amount 50.000	Range 52 - 149		Recovery = 104.44%		
55) Toluene-d8	7.88	98	516146	54.54 ug/l	0.00
Spiked Amount 50.000	Range 85 - 115		Recovery = 109.08%		
76) 4-Bromofluorobenzene	10.53	95	172644	57.71 ug/l	0.00
Spiked Amount 50.000	Range 85 - 120		Recovery = 115.42%		

Target Compounds					Qvalue
2) Dichlorodifluoromethane	0.00	85	0	N.D.	
3) Chloromethane	1.23	50	31	N.D.	
4) Vinyl Chloride	0.00	62	0	N.D.	
5) Bromomethane	1.57	96	51	N.D.	
6) Chloroethane	1.66	64	29	N.D.	
7) Trichlorofluoromethane	1.85	101	505	N.D.	
8) Acrolein	2.29	56	26	Below Cal #	13
9) 1,1-Dichloroethene	0.00	96	0	N.D.	
10) 1,1,2-Trichloro-1,2,2-trif	0.00	101	0	N.D.	
11) Acetone	2.49	43	5794	5.20 ug/l	90
12) Iodomethane	0.00	142	0	N.D.	
13) Bromoethane	0.00	108	0	N.D.	
14) Carbon Disulfide	2.53	76	2334	N.D.	
15) Allyl chloride	0.00	76	0	N.D.	
16) Acetonitrile	2.83	41	222	N.D.	
17) Methyl Acetate	2.82	43	214	N.D.	
18) Methylene Chloride	2.91	84	104018	19.36 ug/l	96
19) trans-1,2-Dichloroethene	3.24	96	33	N.D.	
20) t-Butyl alcohol	0.00	59	0	N.D.	
21) Methyl tert-butyl ether	3.24	73	264	N.D.	
22) Acrylonitrile	0.00	53	0	N.D.	
23) 1,1-Dichloroethane	3.81	63	221	N.D.	
24) Chloroprene	0.00	53	0	N.D.	
25) Isopropyl ether	0.00	45	0	N.D.	
26) Vinyl acetate	0.00	43	0	N.D.	
27) Ethyl-t-butyl ether	0.00	59	0	N.D.	
28) 2,2-Dichloropropane	0.00	77	0	N.D.	
29) cis-1,2-Dichloroethene	4.73	96	4215	1.15 ug/l	87
30) 2-Butanone	4.89	43	29	N.D.	
31) Propionitrile	0.00	54	0	N.D.	
32) Bromochloromethane	0.00	128	0	N.D.	
33) Methacrylonitrile	5.18	41	30	N.D.	
34) Chloroform	5.21	83	1290	N.D.	
35) 1,1,1-Trichloroethane	5.34	97	10801	2.50 ug/l	94
36) Cyclohexane	5.33	56	30	N.D.	

(#) = qualifier out of range (m) = manual integration
B1010014.D B8260S.M Thu Oct 11 13:33:23 2007

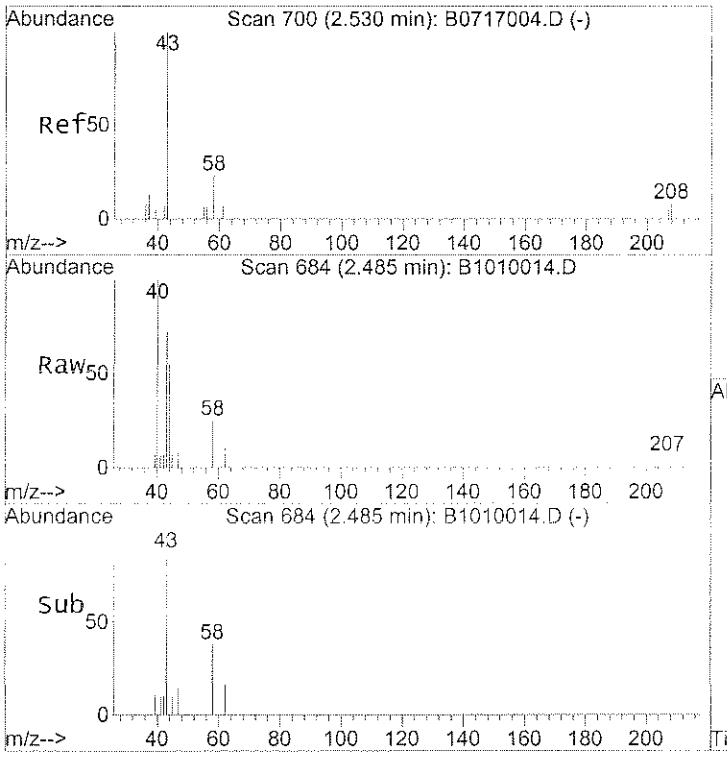
Quantitation Report

Data File : X:\MSVOA\BUDDHA\101007\B1010014.D Vial: 10
Acq On : 10 Oct 2007 11:28 Operator: LPM
Sample : TT02001-008RE Inst : Buddha
Misc : #3 5.60G+ 5ML+IS/SS Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Oct 11 5:36 2007 Quant Results File: B8260S.RES

Quant Method : X:\MSVOA\BUDDHA\QUANT\B8260S.M (RTE Integrator)
Title : VOA 8260- 5ML Soil Calibration 5973B
Last Update : Fri Sep 28 16:30:36 2007
Response via : Initial Calibration
DataAcq Meth : 8260

Compound	R.T.	QIon	Response	Conc Unit	Qvalue
38) Carbon Tetrachloride	0.00	117	0	N.D.	
39) 1,1-Dichloropropene	0.00	75	0	N.D.	
41) Benzene	5.81	78	556	N.D.	
42) 1,2-Dichloroethane	0.00	62	0	N.D.	
43) t-Amyl methyl ether	0.00	73	0	N.D.	
44) Isobutanol	6.10	43	67	N.D.	
45) Trichloroethene	6.58	130	17506	5.27 ug/l	97
46) Methylcyclohexane	6.59	83	33	N.D.	
47) 1,2-Dichloropropane	0.00	63	0	N.D.	
48) Dibromomethane	0.00	93	0	N.D.	
49) Methyl methacrylate	6.98	41	29	N.D.	
50) Bromodichloromethane	0.00	83	0	N.D.	
51) 2-Chloroethyl vinyl ether	0.00	63	0	N.D.	
52) cis-1,3-Dichloropropene	0.00	75	0	N.D.	
53) 4-Methyl-2-pentanone	7.88	43	2087	N.D.	
56) Toluene	7.95	92	1937	N.D.	
57) trans-1,3-Dichloropropene	0.00	75	0	N.D.	
58) Ethyl methacrylate	0.00	69	0	N.D.	
59) 1,1,2-Trichloroethane	0.00	97	0	N.D.	
60) Tetrachloroethene	8.49	166	442	N.D.	
61) 1,3-Dichloropropane	0.00	76	0	N.D.	
62) 2-Hexanone	8.72	43	97	N.D.	
63) Dibromochloromethane	0.00	129	0	N.D.	
64) 1,2-Dibromoethane	0.00	107	0	N.D.	
65) 1-Chlorohexane	9.35	91	810	N.D.	
66) Chlorobenzene	9.38	112	198	N.D.	
67) 1,1,1,2-Tetrachloroethane	0.00	131	0	N.D.	
68) Ethylbenzene	9.49	91	730	N.D.	
69) m,p-Xylene	9.60	106	618	N.D.	
70) o-xylene	9.99	106	172	N.D.	
71) Styrene	10.02	104	436	N.D.	
72) Bromoform	0.00	173	0	N.D.	
73) Isopropylbenzene	10.36	105	103	N.D.	
75) trans-1,4-Dichloro-2-buten	10.30	53	43	N.D.	
77) Bromobenzene	0.00	156	0	N.D.	
78) 1,1,2,2-Tetrachloroethane	10.55	83	29	N.D.	
79) 1,2,3-Trichloropropane	0.00	110	0	N.D.	
80) n-Propylbenzene	10.77	120	30	N.D.	
81) 2-Chlorotoluene	10.76	91	265	N.D.	
82) 4-Chlorotoluene	11.00	91	4104	N.D.	
83) 1,3,5-Trimethylbenzene	10.94	105	105	N.D.	
84) tert-Butylbenzene	11.27	119	1548	N.D.	
85) 1,2,4-Trimethylbenzene	11.27	105	75	N.D.	
86) sec-butylbenzene	11.47	105	74	N.D.	
87) 1,3-Dichlorobenzene	11.61	146	418	N.D.	
88) 4-Isopropyltoluene	11.62	119	5290	N.D.	
89) 1,4-Dichlorobenzene	11.69	146	356	N.D.	
90) 1,2-Dichlorobenzene	12.07	146	388	N.D.	
91) n-Butylbenzene	12.03	91	164	N.D.	
92) 1,2-Dibromo-3-chloropropan	0.00	75	0	N.D.	
93) 1,2,4-Trichlorobenzene	13.64	180	340	N.D.	
94) Hexachlorobutadiene	0.00	225	0	N.D.	
95) Naphthalene	13.89	128	1261	N.D.	
96) 1,2,3-Trichlorobenzene	14.14	180	104	N.D.	

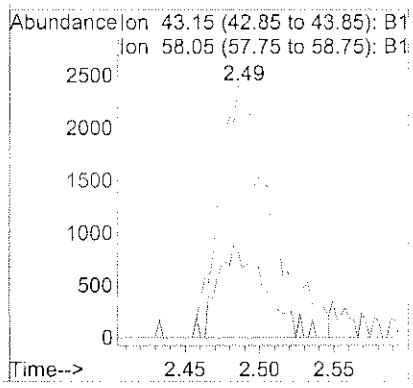
(#) = qualifier out of range (m) = manual integration
B1010014.D B8260S.M Thu Oct 11 13:33:23 2007

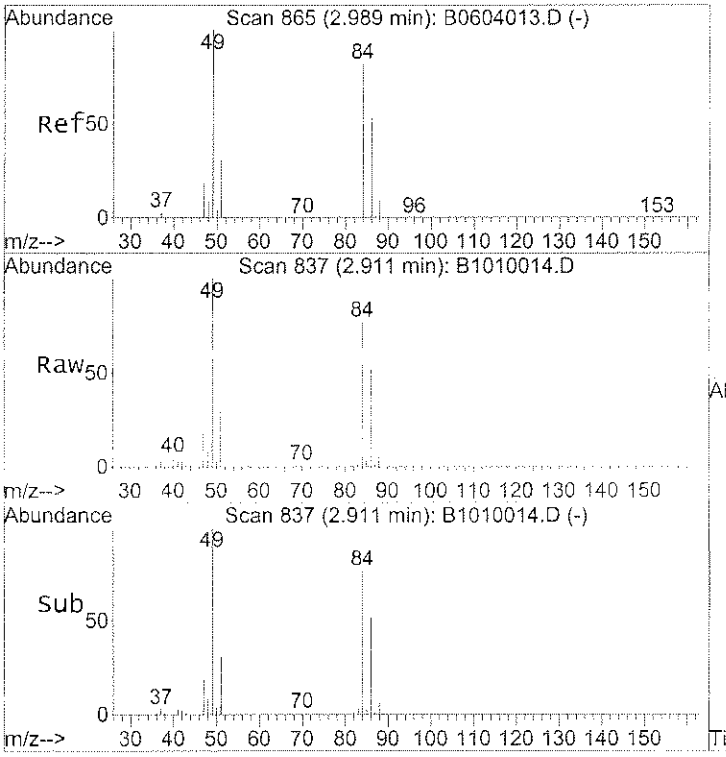


#11
Acetone
Concen: 5.20 ug/l
RT: 2.49 min Scan# 684
Delta R.T. 0.01 min
Lab File: B1010014.D
Acq: 10 Oct 2007 11:28

Tgt Ion: 43 Resp: 5794

Ion	Ratio	Lower	Upper
43	100		
58	32.6	22.0	33.0

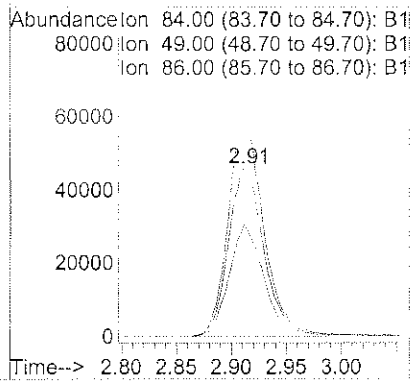


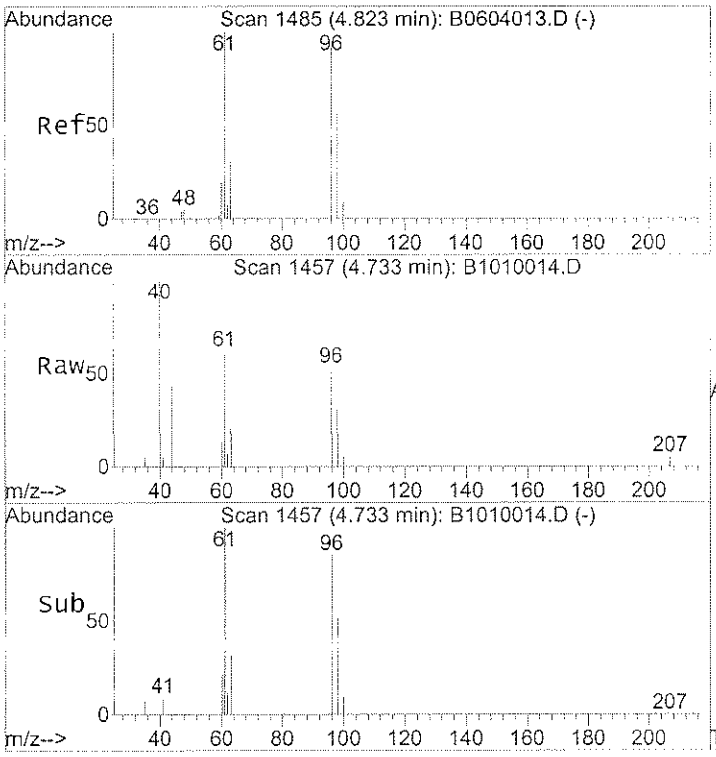


#18
Methylene Chloride
Concen: 19.36 ug/l
RT: 2.91 min Scan# 837
Delta R.T. 0.00 min
Lab File: B1010014.D
Acq: 10 Oct 2007 11:28

Tgt Ion: 84 Resp: 104018

Ion	Ratio	Lower	Upper
84	100		
49	127.0	113.6	153.6
86	64.8	45.8	85.8

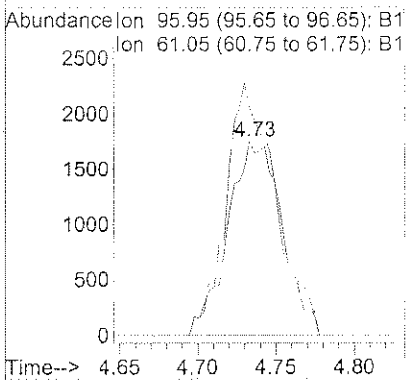


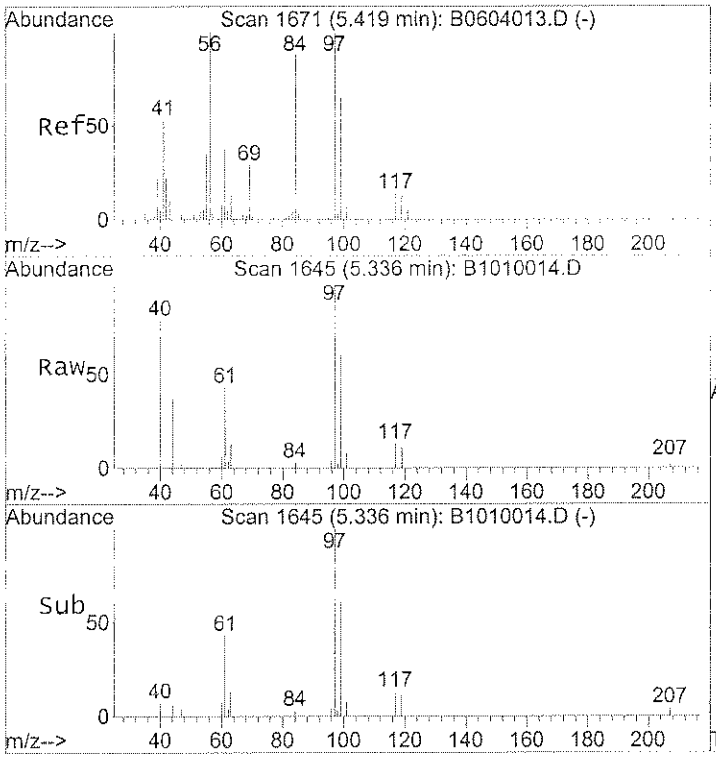


#29
cis-1,2-Dichloroethene
Concen: 1.15 ug/l
RT: 4.73 min Scan# 1457
Delta R.T. -0.00 min
Lab File: B1010014.D
Acq: 10 Oct 2007 11:28

Tgt Ion: 96 Resp: 4215

Ion	Ratio	Lower	Upper
96	100		
61	118.6	107.4	161.0

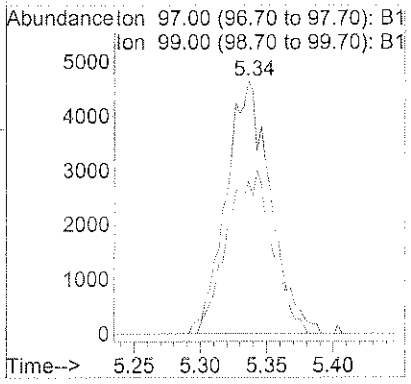


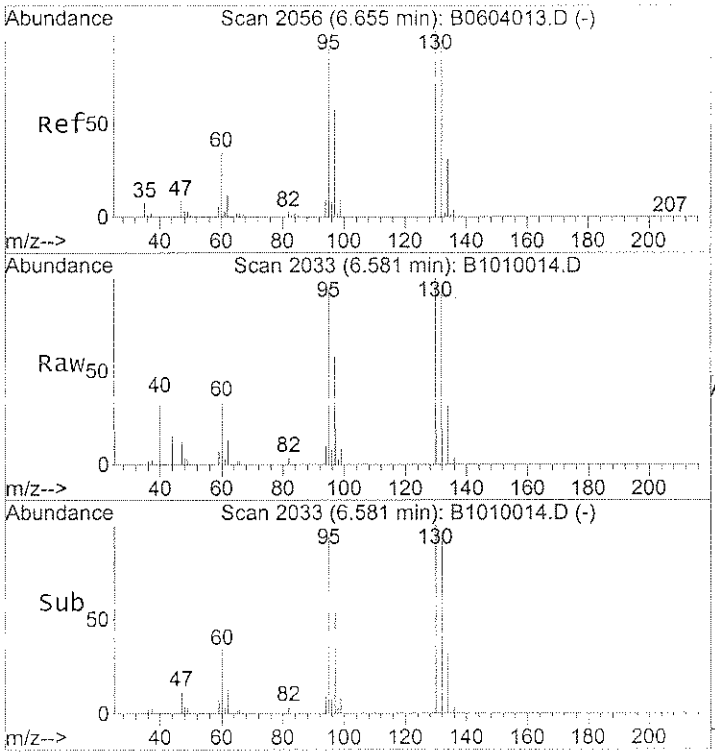


#35
1,1,1-Trichloroethane
Concen: 2.50 ug/l
RT: 5.34 min Scan# 1645
Delta R.T. 0.00 min
Lab File: B1010014.D
Acq: 10 Oct 2007 11:28

Tgt Ion: 97 Resp: 10801

Ion	Ratio	Lower	Upper
97	100		
99	65.0	40.3	80.3

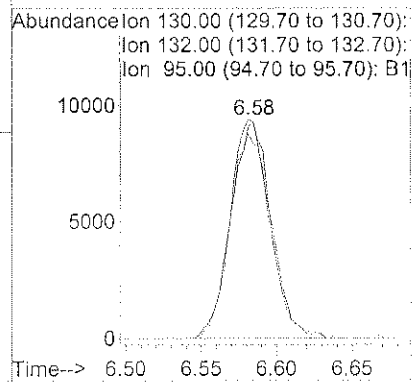




#45
Trichloroethene
Concen: 5.27 ug/l
RT: 6.58 min Scan# 2033
Delta R.T. -0.00 min
Lab File: B1010014.D
Acq: 10 Oct 2007 11:28

Tgt Ion:130 Resp: 17506

Ion	Ratio	Lower	Upper
130	100		
132	97.9	80.2	120.2
95	92.0	75.8	115.8



VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

08SSW009

Lab Name: _____ Contract: _____

SDG No.: TT02001 Run Sequence: R022318

Matrix: (SOIL/SED/WATER) Soil Lab Sample ID: TT02001-009

Sample wt/vol: 6.08 (g/mL) gm Lab File ID: B1009023.D

Level: (LOW/MED) _____ Date Collected: 10/03/2007

% Moisture: not dec. 14.0 Date/Time Analyzed: 10/09/2007 14:31

GC Column: ZB-624 20m ID: 0.18 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____(uL) Soil Aliquot Volume: _____(uL)

Heated Purge: (Y/N) Y

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/kg	Q
1330-20-7	XYLENES, TOTAL	0.96	U
75-71-8	DICHLORODIFLUOROMETHANE	0.96	U
74-87-3	CHLOROMETHANE	0.96	U
75-01-4	VINYL CHLORIDE	0.96	U
74-83-9	BROMOMETHANE	0.96	U
75-00-3	CHLOROETHANE	0.96	U
75-69-4	TRICHLOROFLUOROMETHANE	0.96	U
75-35-4	1,1-DICHLOROETHENE	0.96	U
76-13-1	1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	0.96	U
67-64-1	ACETONE	11	B
75-15-0	CARBON DISULFIDE	0.96	U
79-20-9	METHYL ACETATE	0.96	U
75-09-2	METHYLENE CHLORIDE	0.96	U
1634-04-4	METHYL TERT-BUTYL ETHER	0.96	U
156-60-5	TRANS-1,2-DICHLOROETHENE	0.96	U
75-34-3	1,1-DICHLOROETHANE	11	
156-59-2	CIS-1,2-DICHLOROETHENE	87	
78-93-3	2-BUTANONE	0.96	U
67-66-3	CHLOROFORM	0.96	U
71-55-6	1,1,1-TRICHLOROETHANE	99	
110-82-7	CYCLOHEXANE	0.96	U
56-23-5	CARBON TETRACHLORIDE	0.96	U
71-43-2	BENZENE	0.96	U
107-06-2	1,2-DICHLOROETHANE	0.96	U
79-01-6	TRICHLOROETHENE	150	
108-87-2	METHYLCYCLOHEXANE	0.96	U
78-87-5	1,2-DICHLOROPROPANE	0.96	U
75-27-4	BROMODICHLOROMETHANE	0.96	U
10061-01-	CIS-1,3-DICHLOROPROPENE	0.96	U

1

VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

08SSW009

Lab Name: _____ Contract: _____

SDG No.: TT02001 Run Sequence: R022318

Matrix: (SOIL/SED/WATER) Soil Lab Sample ID: TT02001-009

Sample wt/vol: 6.08 (g/mL) gm Lab File ID: B1009023.D

Level: (LOW/MED) _____ Date Collected: 10/03/2007

% Moisture: not dec. 14.0 Date/Time Analyzed: 10/09/2007 14:31

GC Column: ZB-624 20m ID: 0.18 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____(uL) Soil Aliquot Volume: _____(uL)

Heated Purge: (Y/N) Y

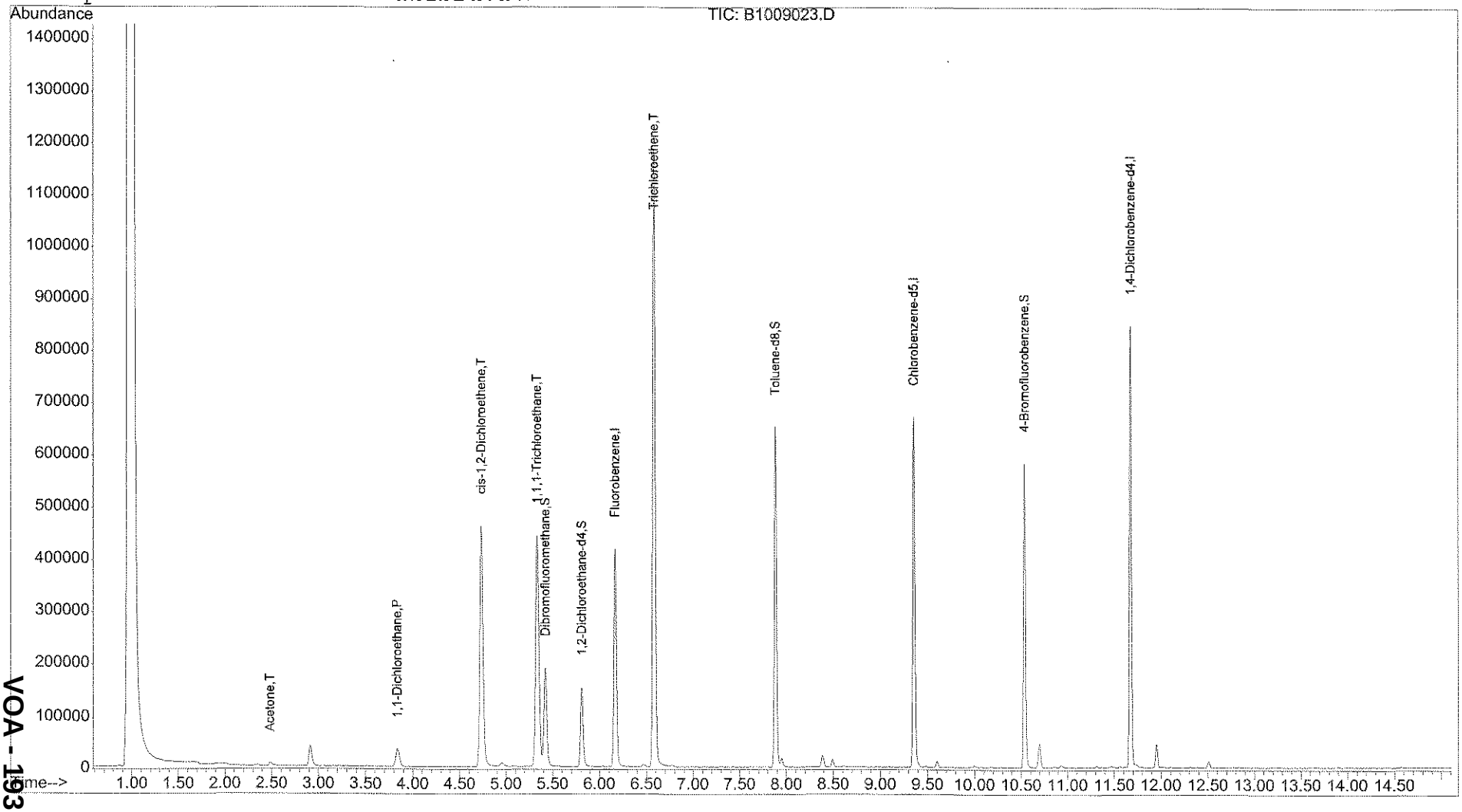
CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/kg	Q
108-10-1	4-METHYL-2-PENTANONE	0.96	U
108-88-3	TOLUENE	0.96	U
10061-02-	TRANS-1,3-DICHLOROPROPENE	0.96	U
79-00-5	1,1,2-TRICHLOROETHANE	0.96	U
127-18-4	TETRACHLOROETHENE	0.96	U
591-78-6	2-HEXANONE	0.96	U
124-48-1	DIBROMOCHLOROMETHANE	0.96	U
106-93-4	1,2-DIBROMOETHANE	0.96	U
108-90-7	CHLOROBENZENE	0.96	U
100-41-4	ETHYLBENZENE	0.96	U
179601-23	M,P-XYLENE	0.96	U
95-47-6	O-XYLENE	0.96	U
100-42-5	STYRENE	0.96	U
75-25-2	BROMOFORM	0.96	U
98-82-8	ISOPROPYLBENZENE	0.96	U
79-34-5	1,1,2,2-TETRACHLOROETHANE	0.96	U
541-73-1	1,3-DICHLOROBENZENE	0.96	U
106-46-7	1,4-DICHLOROBENZENE	0.96	U
95-50-1	1,2-DICHLOROBENZENE	0.96	U
96-12-8	1,2-DIBROMO-3-CHLOROPROPANE	0.96	U
120-82-1	1,2,4-TRICHLOROBENZENE	0.96	U

Comments:

Quantitation Report

Data File : X:\MSVOA\BUDDHA\100907\B1009023.D Vial: 17
Acq On : 9 Oct 2007 14:31 Operator: LPM
Sample : TT02001-009 Inst : Buddha
Misc : #2 6.08GM+ 5ML PFW+IS/SS Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Oct 10 5:44 2007 Quant Results File: B8260S.RES

Method : X:\MSVOA\BUDDHA\QUANT\B8260S.M (RTE Integrator)
Title : VOA 8260- 5ML Soil Calibration 5973B
Last Update : Fri Sep 28 16:30:36 2007
Response via : Initial Calibration



Quantitation Report

Data File : X:\MSVOA\BUDDHA\100907\B1009023.D Vial: 17
Acq On : 9 Oct 2007 14:31 Operator: LPM
Sample : TT02001-009 Inst : Buddha
Misc : #2 6.08GM+ 5ML PFW+IS/SS Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Oct 10 5:44 2007 Quant Results File: B8260S.RES

Quant Method : X:\MSVOA\BUDDHA\QUANT\B8260S.M (RTE Integrator)
Title : VOA 8260- 5ML Soil Calibration 5973B
Last Update : Fri Sep 28 16:30:36 2007
Response via : Initial Calibration
DataAcq Meth : 8260
IS QA File : X:\MSVOA\BUDDHA\092807\B0928013.D (28 Sep 2007 12:55)

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min) Rcv(Ar)
1) Fluorobenzene	6.17	96	397611	50.00 ug/l	0.00 63.61%
54) Chlorobenzene-d5	9.36	117	366433	50.00 ug/l	0.00 72.66%
74) 1,4-Dichlorobenzene-d4	11.67	152	221789	50.00 ug/l	0.00 66.94%

System Monitoring Compounds

37) Dibromofluoromethane	5.42	111	126168	56.24 ug/l	0.00
Spiked Amount 50.000	Range 65 - 135		Recovery = 112.48%		
40) 1,2-Dichloroethane-d4	5.81	65	108694	54.25 ug/l	0.00
Spiked Amount 50.000	Range 52 - 149		Recovery = 108.50%		
55) Toluene-d8	7.88	98	419728	50.48 ug/l	0.00
Spiked Amount 50.000	Range 85 - 115		Recovery = 100.96%		
76) 4-Bromofluorobenzene	10.54	95	169732	48.68 ug/l	0.00
Spiked Amount 50.000	Range 85 - 120		Recovery = 97.36%		

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	0.00	85	0	N.D.	
3) Chloromethane	0.00	50	0	N.D.	
4) Vinyl Chloride	1.31	62	960	N.D.	
5) Bromomethane	1.53	96	34	N.D.	
6) Chloroethane	1.65	64	432	N.D.	
7) Trichlorofluoromethane	0.00	101	0	N.D.	
8) Acrolein	2.29	56	26	Below Cal #	13
9) 1,1-Dichloroethene	2.34	96	1353	N.D.	
10) 1,1,2-Trichloro-1,2,2-trif	0.00	101	0	N.D.	
11) Acetone	2.48	43	10628	11.78 ug/l #	78
12) Iodomethane	0.00	142	0	N.D.	
13) Bromoethane	0.00	108	0	N.D.	
14) Carbon Disulfide	2.53	76	621	N.D.	
15) Allyl chloride	0.00	76	0	N.D.	
16) Acetonitrile	2.82	41	215	N.D.	
17) Methyl Acetate	2.83	43	351	N.D.	
18) Methylene Chloride	2.91	84	22773	Below Cal	94
19) trans-1,2-Dichloroethene	3.21	96	129	N.D.	
20) t-Butyl alcohol	0.00	59	0	N.D.	
21) Methyl tert-butyl ether	0.00	73	0	N.D.	
22) Acrylonitrile	0.00	53	0	N.D.	

(#) = qualifier out of range (m) = manual integration
B1009023.D B8260S.M Wed Oct 10 08:05:58 2007 10/10/07 Page 1

Quantitation Report

Data File : X:\MSVOA\BUDDHA\100907\B1009023.D Vial: 17
Acq On : 9 Oct 2007 14:31 Operator: LPM
Sample : TT02001-009 Inst : Buddha
Misc : #2 6.08GM+ 5ML PFW+IS/SS Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Oct 10 5:44 2007 Quant Results File: B8260S.RES

Quant Method : X:\MSVOA\BUDDHA\QUANT\B8260S.M (RTE Integrator)
Title : VOA 8260- 5ML Soil Calibration 5973B
Last Update : Fri Sep 28 16:30:36 2007
Response via : Initial Calibration
DataAcq Meth : 8260

Compound	R.T.	QIon	Response	Conc Unit	Qvalue
23) 1,1-Dichloroethane	3.83	63	50342	11.21 ug/l	98
24) Chloroprene	0.00	53	0	N.D.	
25) Isopropyl ether	0.00	45	0	N.D.	
26) Vinyl acetate	0.00	43	0	N.D.	
27) Ethyl-t-butyl ether	0.00	59	0	N.D.	
28) 2,2-Dichloropropane	0.00	77	0	N.D.	
29) cis-1,2-Dichloroethene	4.74	96	268744	90.94 ug/l	90
30) 2-Butanone	4.89	43	389	N.D.	
31) Propionitrile	0.00	54	0	N.D.	
32) Bromochloromethane	0.00	128	0	N.D.	
33) Methacrylonitrile	5.23	41	90	N.D.	
34) Chloroform	5.34	83	197	N.D.	
35) 1,1,1-Trichloroethane	5.34	97	363440	103.99 ug/l	94
36) Cyclohexane	0.00	56	0	N.D.	
38) Carbon Tetrachloride	0.00	117	0	N.D.	
39) 1,1-Dichloropropene	5.55	75	41	N.D.	
41) Benzene	5.80	78	414	N.D.	
42) 1,2-Dichloroethane	0.00	62	0	N.D.	
43) t-Amyl methyl ether	0.00	73	0	N.D.	
44) Isobutanol	6.07	43	30	N.D.	
45) Trichloroethene	6.58	130	426687	158.70 ug/l	95
46) Methylcyclohexane	6.72	83	344	N.D.	
47) 1,2-Dichloropropane	0.00	63	0	N.D.	
48) Dibromomethane	0.00	93	0	N.D.	
49) Methyl methacrylate	7.00	41	32	N.D.	
50) Bromodichloromethane	0.00	83	0	N.D.	
51) 2-Chloroethyl vinyl ether	0.00	63	0	N.D.	
52) cis-1,3-Dichloropropene	0.00	75	0	N.D.	
53) 4-Methyl-2-pentanone	7.86	43	422	N.D.	
56) Toluene	7.95	92	6391	N.D.	
57) trans-1,3-Dichloropropene	8.37	75	35	N.D.	
58) Ethyl methacrylate	0.00	69	0	N.D.	
59) 1,1,2-Trichloroethane	8.39	97	111	N.D.	
60) Tetrachloroethene	8.50	166	4445	N.D.	
61) 1,3-Dichloropropane	0.00	76	0	N.D.	
62) 2-Hexanone	8.72	43	59	N.D.	
63) Dibromochloromethane	0.00	129	0	N.D.	
64) 1,2-Dibromoethane	0.00	107	0	N.D.	
65) 1-Chlorohexane	9.36	91	745	N.D.	
66) Chlorobenzene	9.39	112	170	N.D.	
67) 1,1,1,2-Tetrachloroethane	0.00	131	0	N.D.	

(#) = qualifier out of range (m) = manual integration

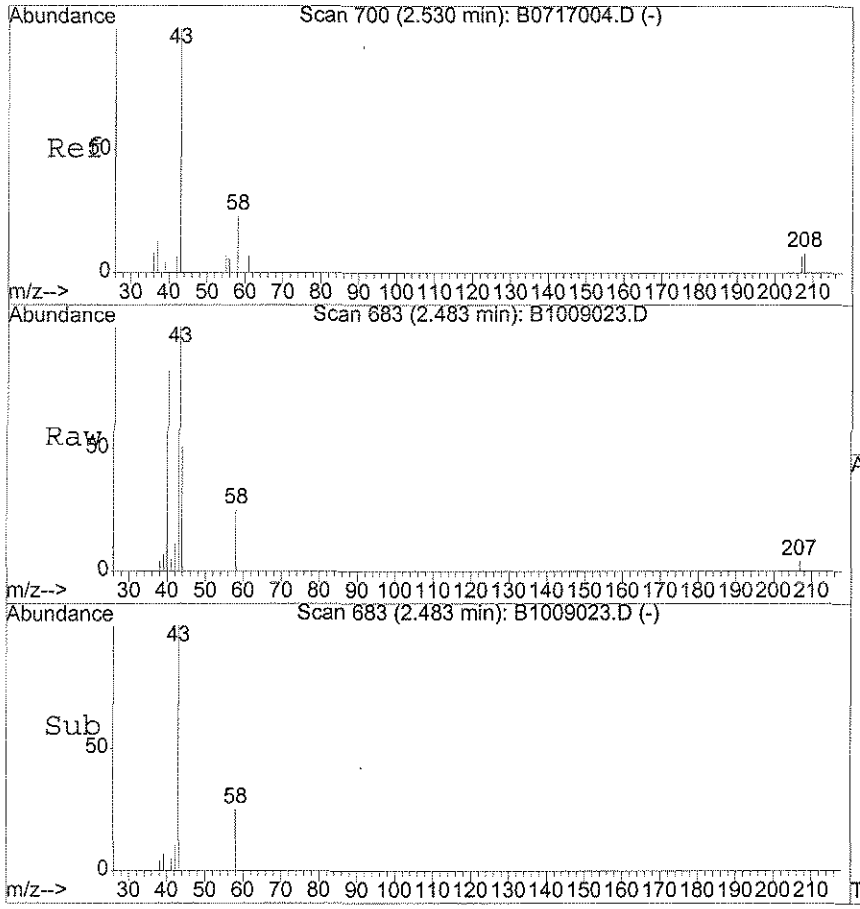
Quantitation Report

Data File : X:\MSVOA\BUDDHA\100907\B1009023.D Vial: 17
Acq On : 9 Oct 2007 14:31 Operator: LPM
Sample : TT02001-009 Inst : Buddha
Misc : #2 6.08GM+ 5ML PFW+IS/SS Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Oct 10 5:44 2007 Quant Results File: B8260S.RES

Quant Method : X:\MSVOA\BUDDHA\QUANT\B8260S.M (RTE Integrator)
Title : VOA 8260- 5ML Soil Calibration 5973B
Last Update : Fri Sep 28 16:30:36 2007
Response via : Initial Calibration
DataAcq Meth : 8260

	Compound	R.T.	QIon	Response	Conc Unit	Qvalue
68)	Ethylbenzene	9.49	91	1842	N.D.	
69)	m,p-Xylene	9.60	106	2957	N.D.	
70)	o-xylene	10.00	106	1106	N.D.	
71)	Styrene	10.03	104	229	N.D.	
72)	Bromoform	0.00	173	0	N.D.	
73)	Isopropylbenzene	10.35	105	301	N.D.	
75)	trans-1,4-Dichloro-2-buten	10.71	53	166	N.D.	
77)	Bromobenzene	0.00	156	0	N.D.	
78)	1,1,2,2-Tetrachloroethane	0.00	83	0	N.D.	
79)	1,2,3-Trichloropropane	0.00	110	0	N.D.	
80)	n-Propylbenzene	10.77	120	186	N.D.	
81)	2-Chlorotoluene	10.86	91	244	N.D.	
82)	4-Chlorotoluene	10.96	91	249	N.D.	
83)	1,3,5-Trimethylbenzene	10.95	105	1040	N.D.	
84)	tert-Butylbenzene	11.32	119	269	N.D.	
85)	1,2,4-Trimethylbenzene	11.31	105	2657	N.D.	
86)	sec-butylbenzene	11.47	105	464	N.D.	
87)	1,3-Dichlorobenzene	11.60	146	300	N.D.	
88)	4-Isopropyltoluene	11.62	119	716	N.D.	
89)	1,4-Dichlorobenzene	11.69	146	611	N.D.	
90)	1,2-Dichlorobenzene	12.07	146	159	N.D.	
91)	n-Butylbenzene	12.02	91	753	N.D.	
92)	1,2-Dibromo-3-chloropropan	0.00	75	0	N.D.	
93)	1,2,4-Trichlorobenzene	13.65	180	373	N.D.	
94)	Hexachlorobutadiene	13.79	225	43	N.D.	
95)	Naphthalene	13.89	128	1746	N.D.	
96)	1,2,3-Trichlorobenzene	14.14	180	234	N.D.	

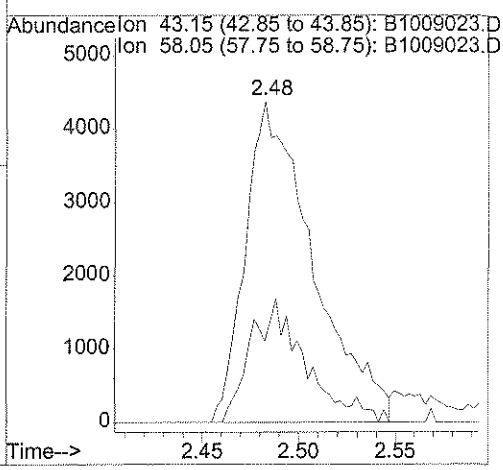
(#) = qualifier out of range (m) = manual integration

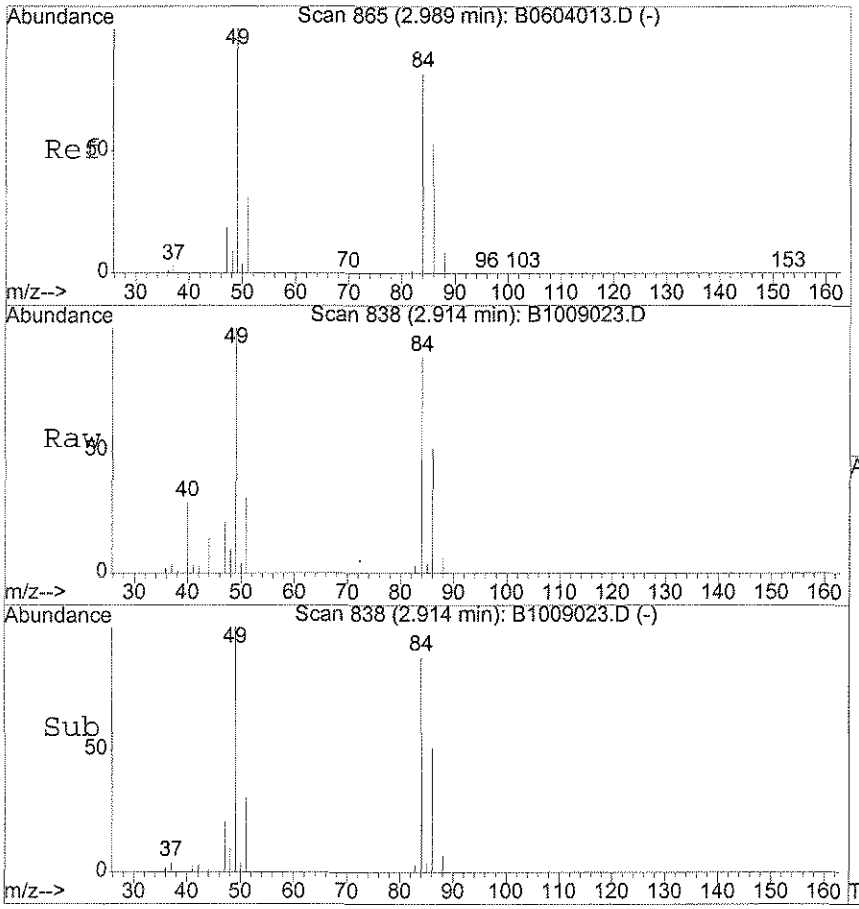


#11
Acetone
Concen: 11.78 ug/l
RT: 2.48 min Scan# 683
Delta R.T. 0.01 min
Lab File: B1009023.D
Acq: 9 Oct 2007 14:31

Tgt Ion: 43 Resp: 10628

Ion	Ratio	Lower	Upper
43	100		
58	15.9	22.0	33.0#

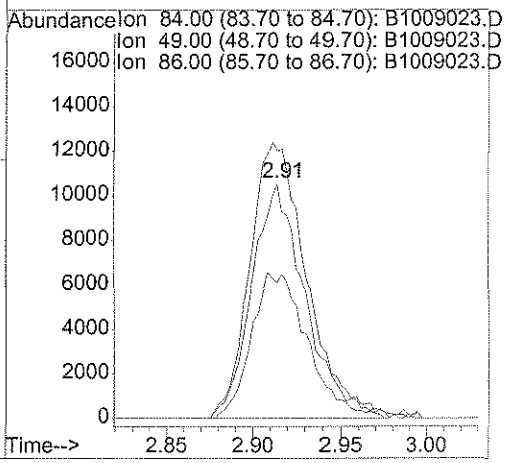


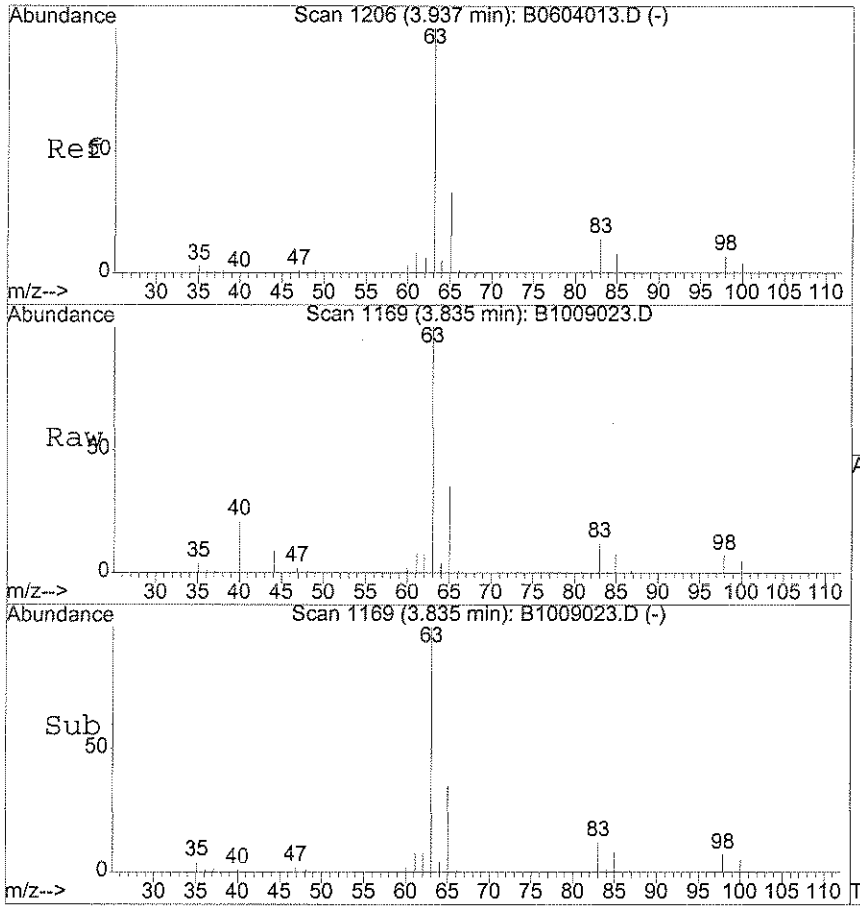


#18
Methylene Chloride
Concen: Below Cal
RT: 2.91 min Scan# 838
Delta R.T. 0.00 min
Lab File: B1009023.D
Acq: 9 Oct 2007 14:31

Tgt Ion: 84 Resp: 22773

Ion	Ratio	Lower	Upper
84	100		
49	124.7	113.6	153.6
86	64.5	45.8	85.8

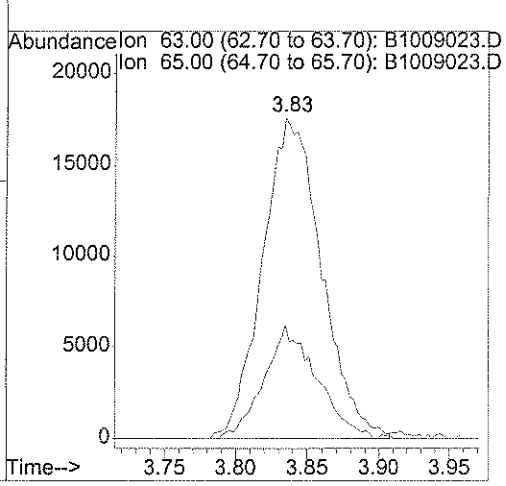


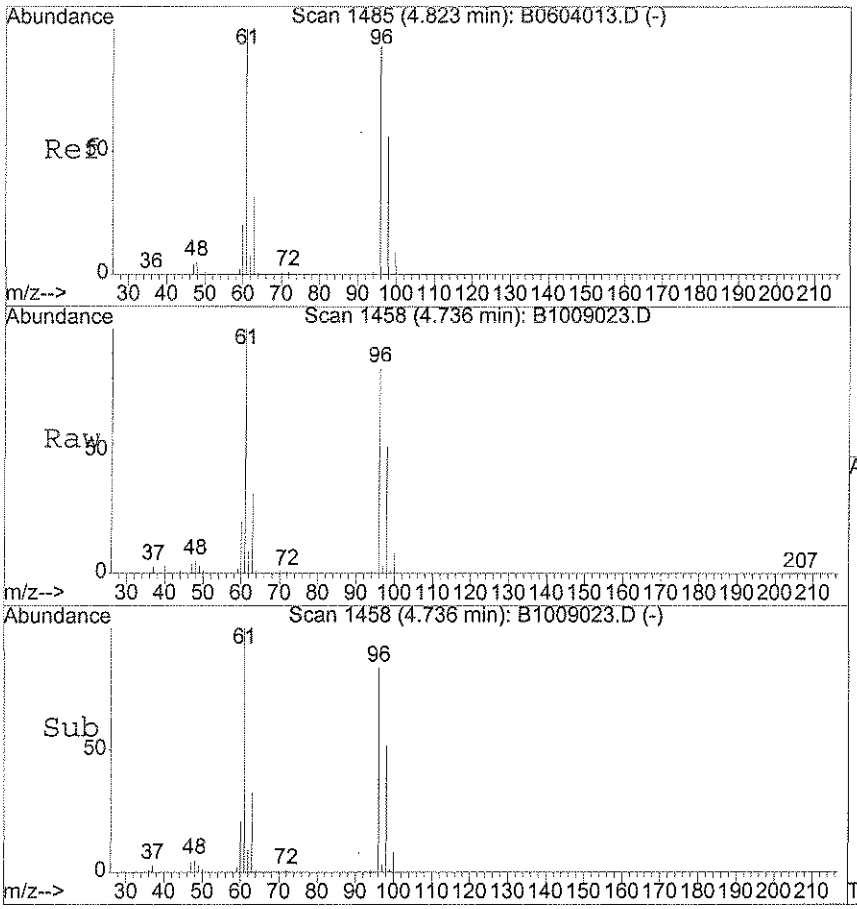


#23
1,1-Dichloroethane
Concen: 11.21 ug/l
RT: 3.83 min Scan# 1169
Delta R.T. 0.00 min
Lab File: B1009023.D
Acq: 9 Oct 2007 14:31

Tgt Ion: 63 Resp: 50342

Ion	Ratio	Lower	Upper
63	100		
65	31.3	10.2	50.2

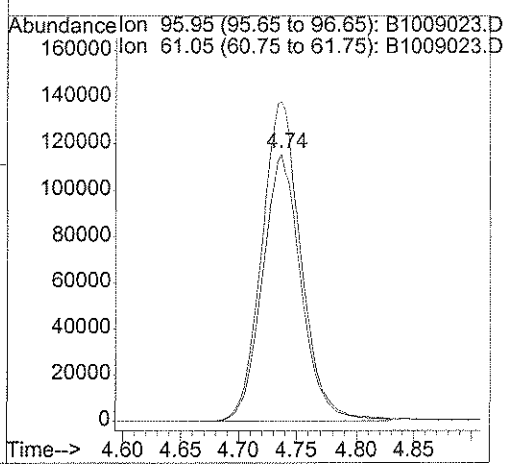


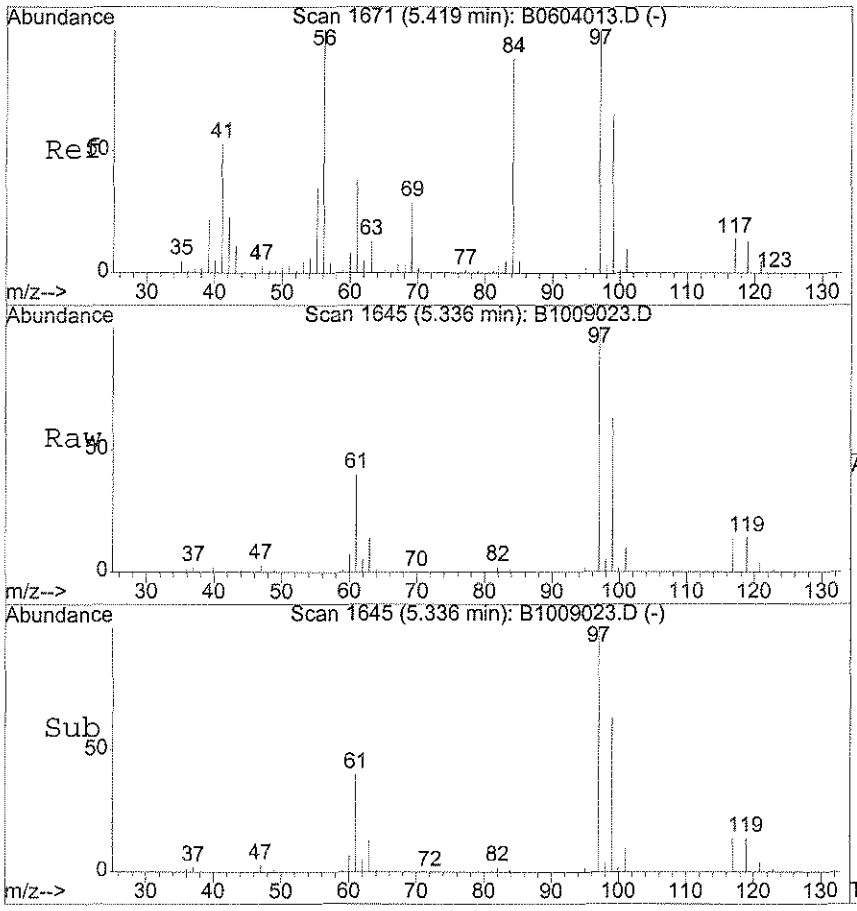


#29
cis-1,2-Dichloroethene
Concen: 90.94 ug/l
RT: 4.74 min Scan# 1458
Delta R.T. 0.00 min
Lab File: B1009023.D
Acq: 9 Oct 2007 14:31

Tgt Ion: 96 Resp: 268744

Ion	Ratio	Lower	Upper
96	100		
61	122.1	107.4	161.0

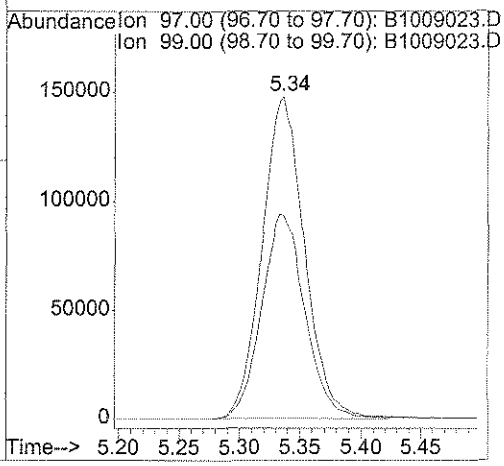


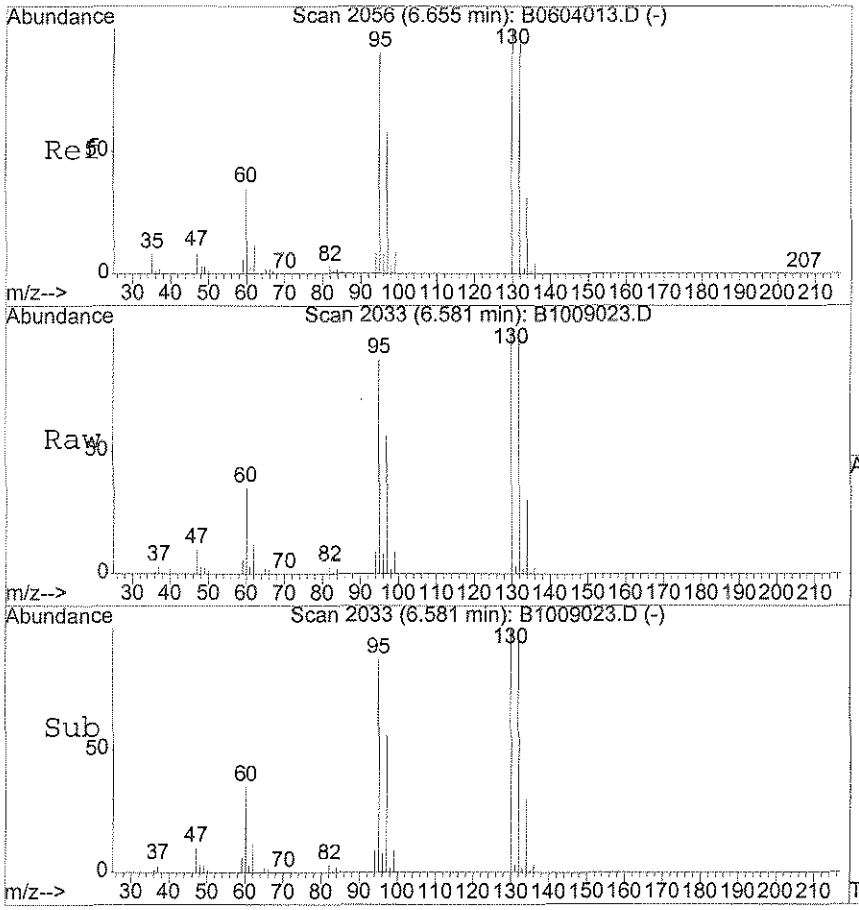


#35
1,1,1-Trichloroethane
Concen: 103.99 ug/l
RT: 5.34 min Scan# 1645
Delta R.T. 0.00 min
Lab File: B1009023.D
Acq: 9 Oct 2007 14:31

Tgt Ion: 97 Resp: 363440

Ion	Ratio	Lower	Upper
97	100		
99	64.7	40.3	80.3

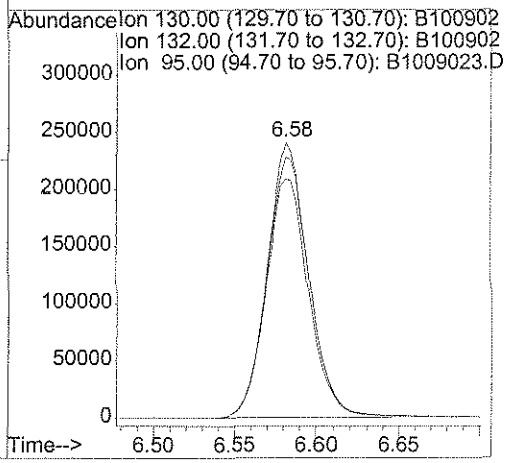




#45
Trichloroethene
Concen: 158.70 ug/l
RT: 6.58 min Scan# 2033
Delta R.T. -0.00 min
Lab File: B1009023.D
Acq: 9 Oct 2007 14:31

Tgt Ion:130 Resp: 426687

Ion	Ratio	Lower	Upper
130	100		
132	96.6	80.2	120.2
95	89.3	75.8	115.8



VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

08SSW010

Lab Name: _____ Contract: _____

SDG No.: TT02001 Run Sequence: R022318

Matrix: (SOIL/SED/WATER) Soil Lab Sample ID: TT02001-010

Sample wt/vol: 5.60 (g/mL) gm Lab File ID: B1009024.D

Level: (LOW/MED) _____ Date Collected: 10/03/2007

% Moisture: not dec. 13.0 Date/Time Analyzed: 10/09/2007 14:57

GC Column: ZB-624 20m ID: 0.18 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____(uL) Soil Aliquot Volume: _____(uL)

Heated Purge: (Y/N) Y

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/kg	Q
1330-20-7	XYLENES, TOTAL	1.0	U
75-71-8	DICHLORODIFLUOROMETHANE	1.0	U
74-87-3	CHLOROMETHANE	1.0	U
75-01-4	VINYL CHLORIDE	1.0	U
74-83-9	BROMOMETHANE	1.0	U
75-00-3	CHLOROETHANE	1.0	U
75-69-4	TRICHLOROFLUOROMETHANE	1.0	U
75-35-4	1,1-DICHLOROETHENE	1.0	U
76-13-1	1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	1.0	U
67-64-1	ACETONE	5.7	JB
75-15-0	CARBON DISULFIDE	1.0	U
79-20-9	METHYL ACETATE	1.0	U
75-09-2	METHYLENE CHLORIDE	1.0	U
1634-04-4	METHYL TERT-BUTYL ETHER	1.0	U
156-60-5	TRANS-1,2-DICHLOROETHENE	1.0	U
75-34-3	1,1-DICHLOROETHANE	1.0	U
156-59-2	CIS-1,2-DICHLOROETHENE	1.0	U
78-93-3	2-BUTANONE	1.0	U
67-66-3	CHLOROFORM	1.0	U
71-55-6	1,1,1-TRICHLOROETHANE	1.7	J
110-82-7	CYCLOHEXANE	1.0	U
56-23-5	CARBON TETRACHLORIDE	1.0	U
71-43-2	BENZENE	1.0	U
107-06-2	1,2-DICHLOROETHANE	1.0	U
79-01-6	TRICHLOROETHENE	1.0	U
108-87-2	METHYLCYCLOHEXANE	1.0	U
78-87-5	1,2-DICHLOROPROPANE	1.0	U
75-27-4	BROMODICHLOROMETHANE	1.0	U
10061-01-	CIS-1,3-DICHLOROPROPENE	1.0	U

1

VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

08SSW010

Lab Name: _____ Contract: _____

SDG No.: TT02001 Run Sequence: R022318

Matrix: (SOIL/SED/WATER) Soil Lab Sample ID: TT02001-010

Sample wt/vol: 5.60 (g/mL) gm Lab File ID: B1009024.D

Level: (LOW/MED) _____ Date Collected: 10/03/2007

% Moisture: not dec. 13.0 Date/Time Analyzed: 10/09/2007 14:57

GC Column: ZB-624 20m ID: 0.18 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____(uL) Soil Aliquot Volume: _____(uL)

Heated Purge: (Y/N) Y

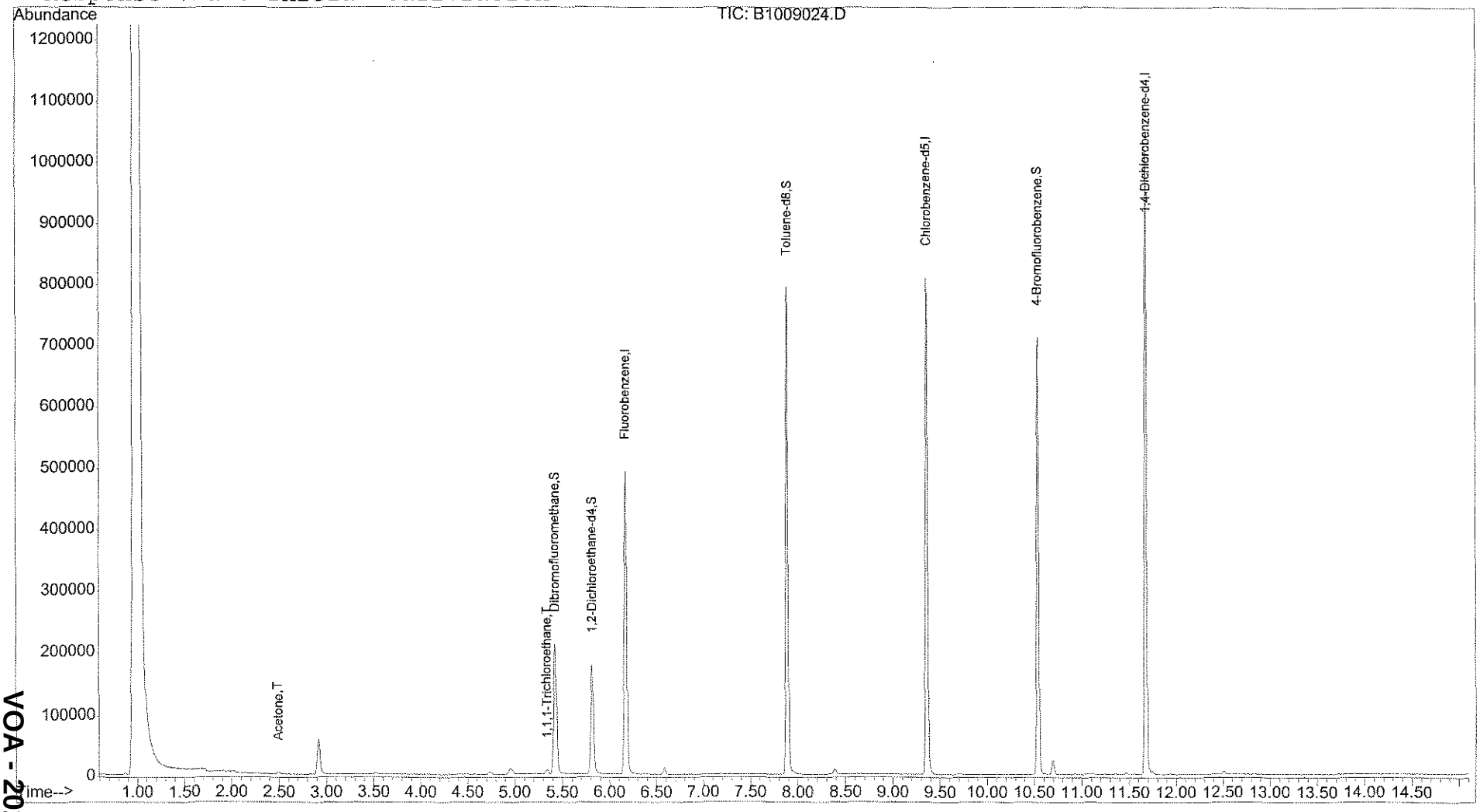
CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/kg	Q
108-10-1	4-METHYL-2-PENTANONE	1.0	U
108-88-3	TOLUENE	1.0	U
10061-02-	TRANS-1,3-DICHLOROPROPENE	1.0	U
79-00-5	1,1,2-TRICHLOROETHANE	1.0	U
127-18-4	TETRACHLOROETHENE	1.0	U
591-78-6	2-HEXANONE	1.0	U
124-48-1	DIBROMOCHLOROMETHANE	1.0	U
106-93-4	1,2-DIBROMOETHANE	1.0	U
108-90-7	CHLOROBENZENE	1.0	U
100-41-4	ETHYLBENZENE	1.0	U
179601-23	M,P-XYLENE	1.0	U
95-47-6	O-XYLENE	1.0	U
100-42-5	STYRENE	1.0	U
75-25-2	BROMOFORM	1.0	U
98-82-8	ISOPROPYLBENZENE	1.0	U
79-34-5	1,1,2,2-TETRACHLOROETHANE	1.0	U
541-73-1	1,3-DICHLOROBENZENE	1.0	U
106-46-7	1,4-DICHLOROBENZENE	1.0	U
95-50-1	1,2-DICHLOROBENZENE	1.0	U
96-12-8	1,2-DIBROMO-3-CHLOROPROPANE	1.0	U
120-82-1	1,2,4-TRICHLOROBENZENE	1.0	U

Comments:

Quantitation Report

Data File : X:\MSVOA\BUDDHA\100907\B1009024.D Vial: 18
Acq On : 9 Oct 2007 14:57 Operator: LPM
Sample : TT02001-010 Inst : Buddha
Misc : #2 5.60GM+ 5ML PFW+IS/SS Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Oct 10 8:06 2007 Quant Results File: B8260S.RES

Method : X:\MSVOA\BUDDHA\QUANT\B8260S.M (RTE Integrator)
Title : VOA 8260- 5ML Soil Calibration 5973B
Last Update : Fri Sep 28 16:30:36 2007
Response via : Initial Calibration



VOA - 202

Quantitation Report

Data File : X:\MSVOA\BUDDHA\100907\B1009024.D Vial: 18
Acq On : 9 Oct 2007 14:57 Operator: LPM
Sample : TT02001-010 Inst : Buddha
Misc : #2 5.60GM+ 5ML PFW+IS/SS Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Oct 10 8:06 2007 Quant Results File: B8260S.RES

Quant Method : X:\MSVOA\BUDDHA\QUANT\B8260S.M (RTE Integrator)
Title : VOA 8260- 5ML Soil Calibration 5973B
Last Update : Fri Sep 28 16:30:36 2007
Response via : Initial Calibration
DataAcq Meth : 8260
IS QA File : X:\MSVOA\BUDDHA\092807\B0928013.D (28 Sep 2007 12:55)

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min) Rcv(Ar)
1) Fluorobenzene	6.17	96	462569	50.00 ug/l	0.00 74.00%
54) Chlorobenzene-d5	9.36	117	447238	50.00 ug/l	0.00 88.69%
74) 1,4-Dichlorobenzene-d4	11.67	152	270638	50.00 ug/l	0.00 81.69%

System Monitoring Compounds

37) Dibromofluoromethane	5.42	111	147032	56.33 ug/l	0.00
Spiked Amount 50.000	Range 65 - 135		Recovery = 112.66%		
40) 1,2-Dichloroethane-d4	5.81	65	123654	53.05 ug/l	0.00
Spiked Amount 50.000	Range 52 - 149		Recovery = 106.10%		
55) Toluene-d8	7.88	98	504323	49.70 ug/l	0.00
Spiked Amount 50.000	Range 85 - 115		Recovery = 99.40%		
76) 4-Bromofluorobenzene	10.54	95	207458	48.76 ug/l	0.00
Spiked Amount 50.000	Range 85 - 120		Recovery = 97.52%		

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.09	85	27	N.D.	
3) Chloromethane	0.00	50	0	N.D.	
4) Vinyl Chloride	1.32	62	474	N.D.	
5) Bromomethane	1.59	96	38	N.D.	
6) Chloroethane	1.65	64	519	N.D.	
7) Trichlorofluoromethane	1.84	101	28	N.D.	
8) Acrolein	2.31	56	55	Below Cal #	13
9) 1,1-Dichloroethene	0.00	96	0	N.D.	
10) 1,1,2-Trichloro-1,2,2-trif	0.00	101	0	N.D.	
11) Acetone	2.48	43	5877m	5.60 ug/l #	91
12) Iodomethane	0.00	142	0	N.D.	
13) Bromoethane	0.00	108	0	N.D.	
14) Carbon Disulfide	2.54	76	353	N.D.	
15) Allyl chloride	0.00	76	0	N.D.	
16) Acetonitrile	2.82	41	237	N.D.	
17) Methyl Acetate	2.86	43	163	N.D.	
18) Methylene Chloride	2.92	84	30313	Below Cal	94
19) trans-1,2-Dichloroethene	0.00	96	0	N.D.	
20) t-Butyl alcohol	3.23	59	32	N.D.	
21) Methyl tert-butyl ether	0.00	73	0	N.D.	
22) Acrylonitrile	0.00	53	0	N.D.	

(#) = qualifier out of range (m) = manual integration

Quantitation Report

Data File : X:\MSVOA\BUDDHA\100907\B1009024.D Vial: 18
Acq On : 9 Oct 2007 14:57 Operator: LPM
Sample : TT02001-010 Inst : Buddha
Misc : #2 5.60GM+ 5ML PFW+IS/SS Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Oct 10 8:06 2007 Quant Results File: B8260S.RES

Quant Method : X:\MSVOA\BUDDHA\QUANT\B8260S.M (RTE Integrator)
Title : VOA 8260- 5ML Soil Calibration 5973B
Last Update : Fri Sep 28 16:30:36 2007
Response via : Initial Calibration
DataAcq Meth : 8260

	Compound	R.T.	QIon	Response	Conc Unit	Qvalue
23)	1,1-Dichloroethane	3.83	63	243	N.D.	
24)	Chloroprene	0.00	53	0	N.D.	
25)	Isopropyl ether	0.00	45	0	N.D.	
26)	Vinyl acetate	0.00	43	0	N.D.	
27)	Ethyl-t-butyl ether	0.00	59	0	N.D.	
28)	2,2-Dichloropropane	0.00	77	0	N.D.	
29)	cis-1,2-Dichloroethene	4.73	96	2511	N.D.	
30)	2-Butanone	4.89	43	32	N.D.	
31)	Propionitrile	0.00	54	0	N.D.	
32)	Bromochloromethane	0.00	128	0	N.D.	
33)	Methacrylonitrile	5.16	41	29	N.D.	
34)	Chloroform	5.21	83	486	N.D.	
35)	1,1,1-Trichloroethane	5.34	97	6808	1.67 ug/l	95
36)	Cyclohexane	0.00	56	0	N.D.	
38)	Carbon Tetrachloride	0.00	117	0	N.D.	
39)	1,1-Dichloropropene	5.53	75	72	N.D.	
41)	Benzene	5.81	78	683	N.D.	
42)	1,2-Dichloroethane	0.00	62	0	N.D.	
43)	t-Amyl methyl ether	0.00	73	0	N.D.	
44)	Isobutanol	6.09	43	33	N.D.	
45)	Trichloroethene	6.59	130	4368	N.D.	
46)	Methylcyclohexane	0.00	83	0	N.D.	
47)	1,2-Dichloropropane	0.00	63	0	N.D.	
48)	Dibromomethane	0.00	93	0	N.D.	
49)	Methyl methacrylate	6.94	41	33	N.D.	
50)	Bromodichloromethane	0.00	83	0	N.D.	
51)	2-Chloroethyl vinyl ether	0.00	63	0	N.D.	
52)	cis-1,3-Dichloropropene	0.00	75	0	N.D.	
53)	4-Methyl-2-pentanone	7.85	43	112	N.D.	
56)	Toluene	7.95	92	712	N.D.	
57)	trans-1,3-Dichloropropene	0.00	75	0	N.D.	
58)	Ethyl methacrylate	0.00	69	0	N.D.	
59)	1,1,2-Trichloroethane	0.00	97	0	N.D.	
60)	Tetrachloroethene	8.49	166	79	N.D.	
61)	1,3-Dichloropropane	0.00	76	0	N.D.	
62)	2-Hexanone	8.71	43	89	N.D.	
63)	Dibromochloromethane	0.00	129	0	N.D.	
64)	1,2-Dibromoethane	0.00	107	0	N.D.	
65)	1-Chlorohexane	9.35	91	886	N.D.	
66)	Chlorobenzene	9.39	112	124	N.D.	
67)	1,1,1,2-Tetrachloroethane	0.00	131	0	N.D.	

(#) = qualifier out of range (m) = manual integration

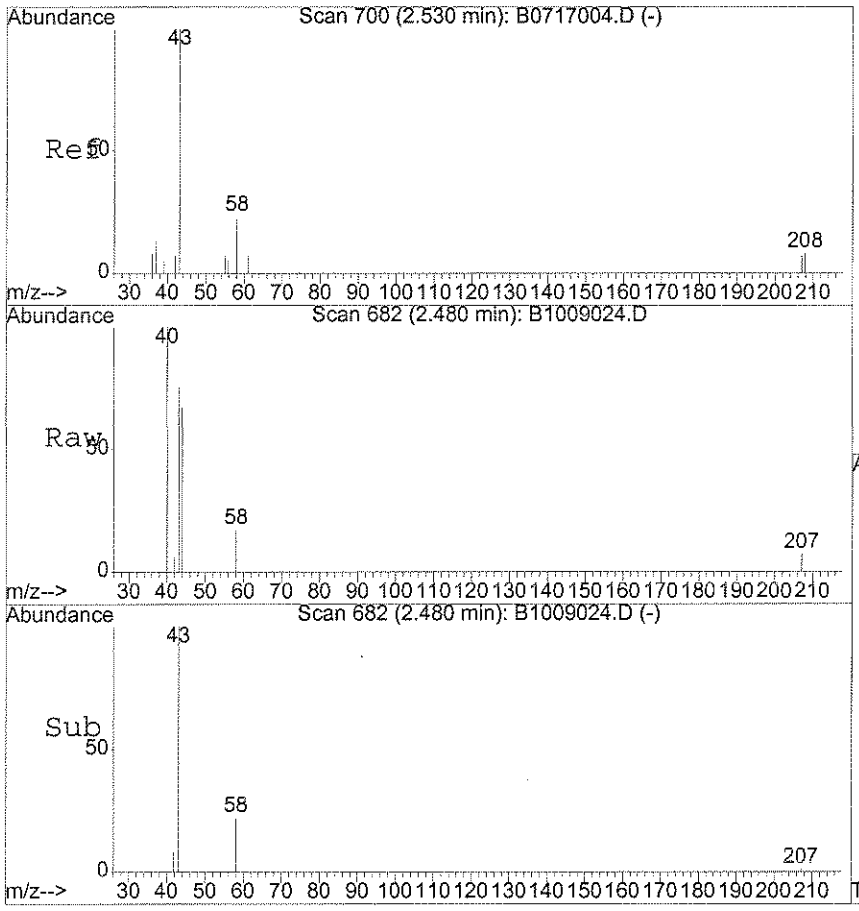
Quantitation Report

Data File : X:\MSVOA\BUDDHA\100907\B1009024.D Vial: 18
Acq On : 9 Oct 2007 14:57 Operator: LPM
Sample : TT02001-010 Inst : Buddha
Misc : #2 5.60GM+ 5ML PFW+IS/SS Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Oct 10 8:06 2007 Quant Results File: B8260S.RES

Quant Method : X:\MSVOA\BUDDHA\QUANT\B8260S.M (RTE Integrator)
Title : VOA 8260- 5ML Soil Calibration 5973B
Last Update : Fri Sep 28 16:30:36 2007
Response via : Initial Calibration
DataAcq Meth : 8260

	Compound	R.T.	QIon	Response	Conc Unit	Qvalue
68)	Ethylbenzene	9.48	91	178	N.D.	
69)	m,p-Xylene	9.60	106	352	N.D.	
70)	o-xylene	0.00	106	0	N.D.	
71)	Styrene	10.03	104	64	N.D.	
72)	Bromoform	0.00	173	0	N.D.	
73)	Isopropylbenzene	10.52	105	43	N.D.	
75)	trans-1,4-Dichloro-2-buten	0.00	53	0	N.D.	
77)	Bromobenzene	0.00	156	0	N.D.	
78)	1,1,2,2-Tetrachloroethane	0.00	83	0	N.D.	
79)	1,2,3-Trichloropropane	0.00	110	0	N.D.	
80)	n-Propylbenzene	0.00	120	0	N.D.	
81)	2-Chlorotoluene	10.85	91	30	N.D.	
82)	4-Chlorotoluene	10.97	91	165	N.D.	
83)	1,3,5-Trimethylbenzene	10.94	105	140	N.D.	
84)	tert-Butylbenzene	0.00	119	0	N.D.	
85)	1,2,4-Trimethylbenzene	11.31	105	457	N.D.	
86)	sec-butylbenzene	11.47	105	75	N.D.	
87)	1,3-Dichlorobenzene	11.60	146	174	N.D.	
88)	4-Isopropyltoluene	11.63	119	106	N.D.	
89)	1,4-Dichlorobenzene	11.70	146	611	N.D.	
90)	1,2-Dichlorobenzene	12.07	146	232	N.D.	
91)	n-Butylbenzene	12.03	91	309	N.D.	
92)	1,2-Dibromo-3-chloropropan	0.00	75	0	N.D.	
93)	1,2,4-Trichlorobenzene	13.65	180	118	N.D.	
94)	Hexachlorobutadiene	0.00	225	0	N.D.	
95)	Naphthalene	13.90	128	973	N.D.	
96)	1,2,3-Trichlorobenzene	14.14	180	84	N.D.	

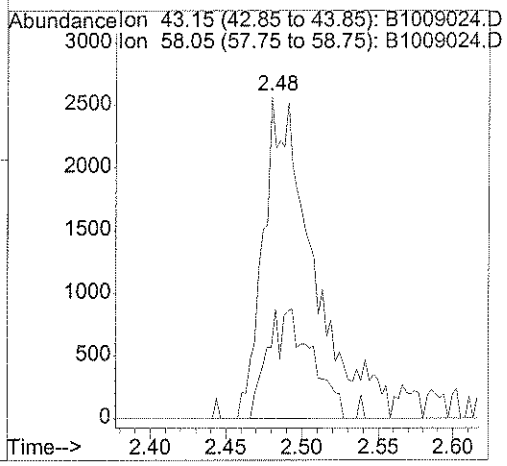
(#) = qualifier out of range (m) = manual integration

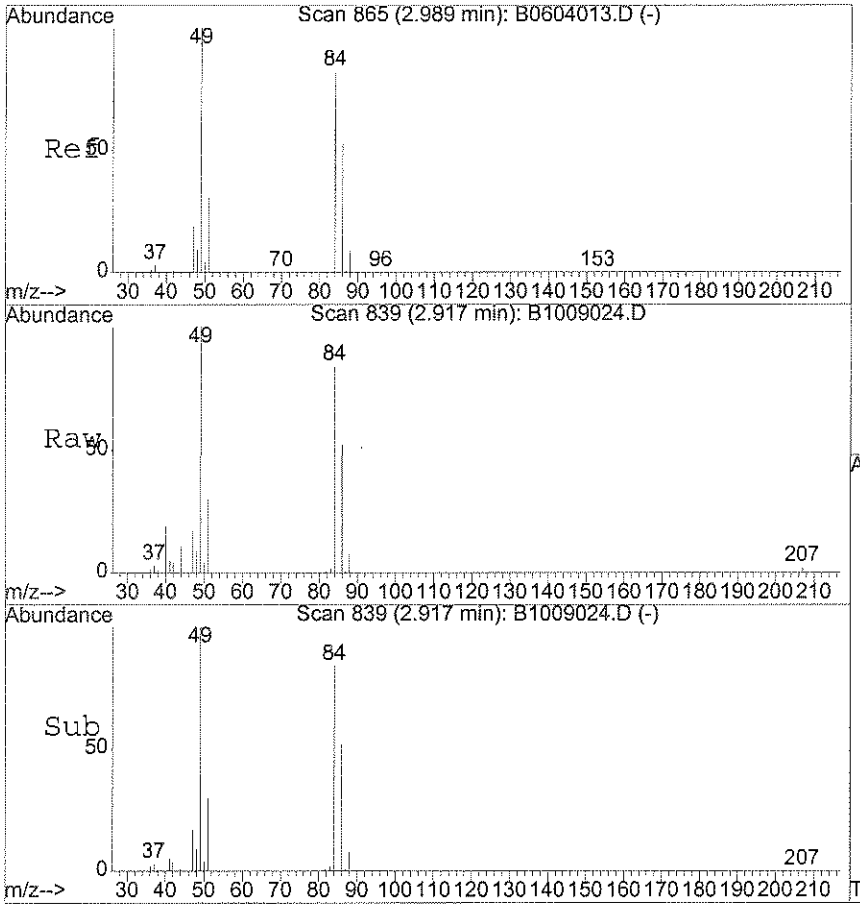


#11
Acetone
Concen: 5.60 ug/l m
RT: 2.48 min Scan# 682
Delta R.T. 0.00 min
Lab File: B1009024.D
Acq: 9 Oct 2007 14:57

Tgt Ion: 43 Resp: 5877

Ion	Ratio	Lower	Upper
43	100		
58	9.7	22.0	33.0#

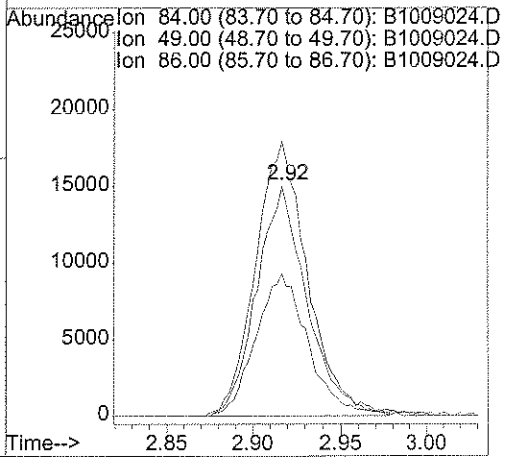


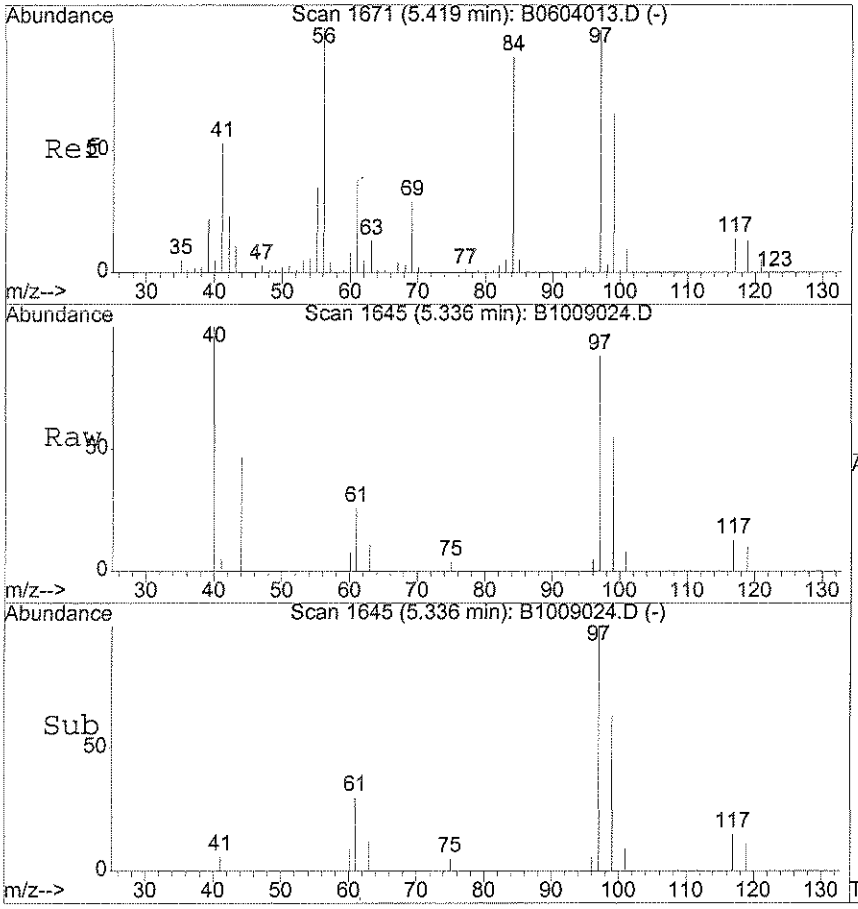


#18
Methylene Chloride
Concen: Below Cal
RT: 2.92 min Scan# 839
Delta R.T. 0.01 min
Lab File: B1009024.D
Acq: 9 Oct 2007 14:57

Tgt Ion: 84 Resp: 30313

Ion	Ratio	Lower	Upper
84	100		
49	123.8	113.6	153.6
86	64.0	45.8	85.8

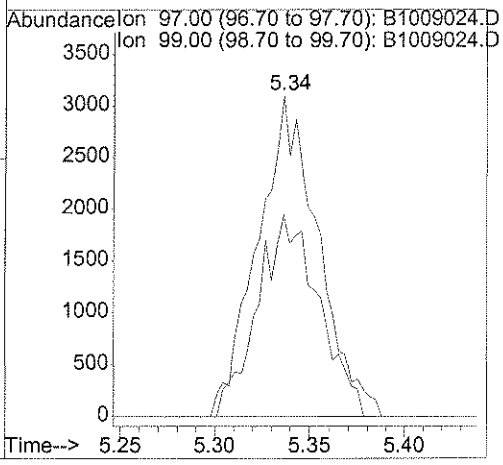




#35
1,1,1-Trichloroethane
Concen: 1.67 ug/l
RT: 5.34 min Scan# 1645
Delta R.T. 0.00 min
Lab File: B1009024.D
Acq: 9 Oct 2007 14:57

Tgt Ion: 97 Resp: 6808

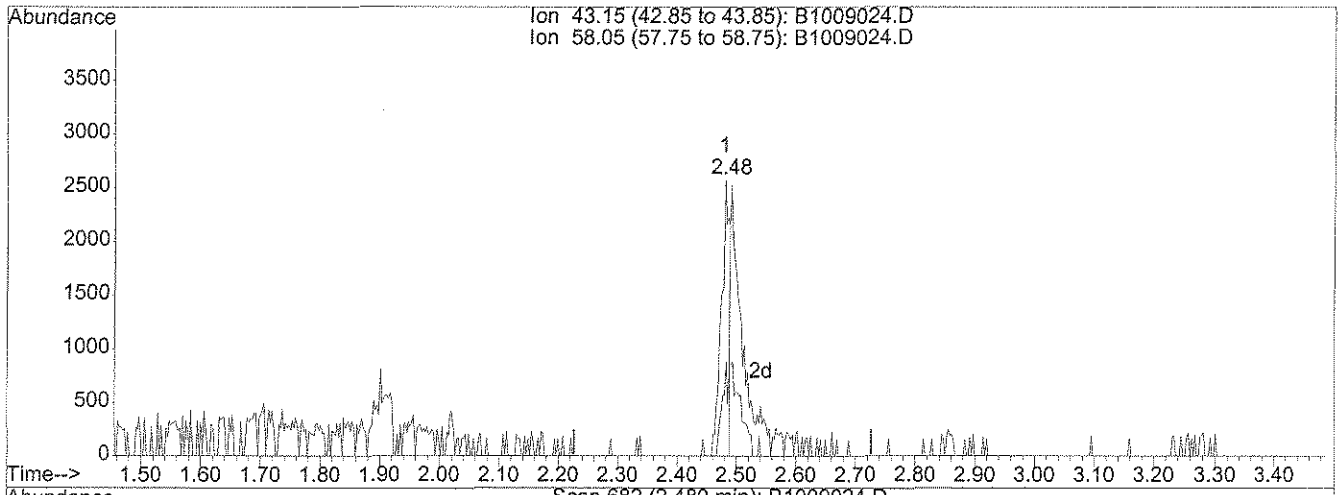
Ion	Ratio	Lower	Upper
97	100		
99	63.8	40.3	80.3

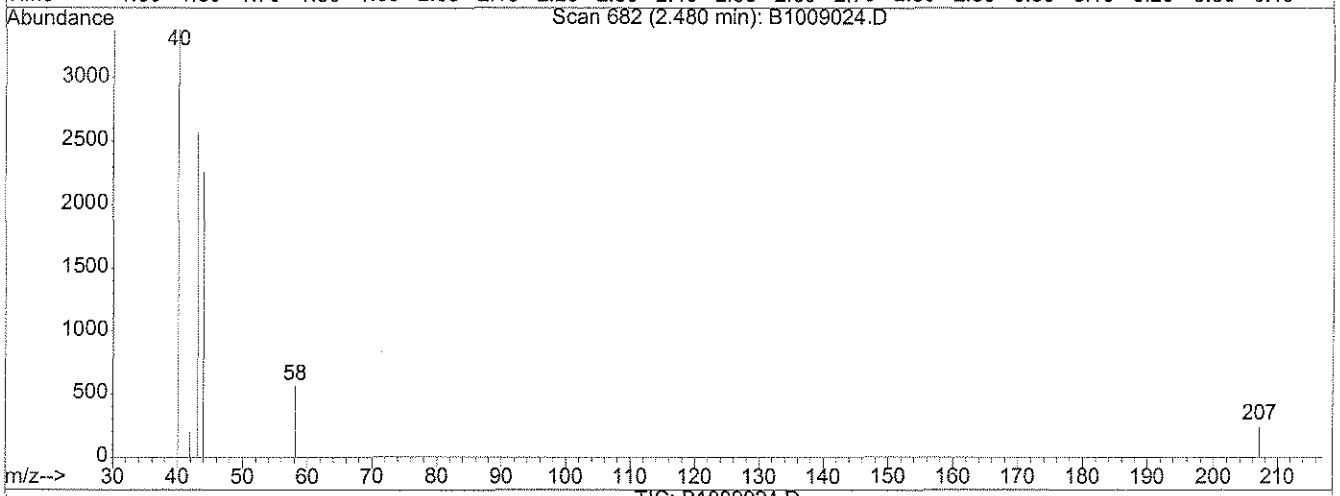


Quantitation Report (Qedit)

Data File : X:\MSVOA\BUDDHA\100907\B1009024.D Vial: 18
Acq On : 9 Oct 2007 14:57 Operator: LPM
Sample : TT02001-010 Inst : Buddha
Misc : #2 5.60GM+ 5ML PFW+IS/SS Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Oct 10 5:44 2007 Quant Results File: temp.res

Method : X:\MSVOA\BUDDHA\QUANT\B8260S.M (RTE Integrator)
Title : VOA 8260- 5ML Soil Calibration 5973B
Last Update : Fri Sep 28 16:30:36 2007
Response via : Single Level Calibration





TIC: B1009024.D

(11) Acetone (T)

2.48min 2.36ug/l

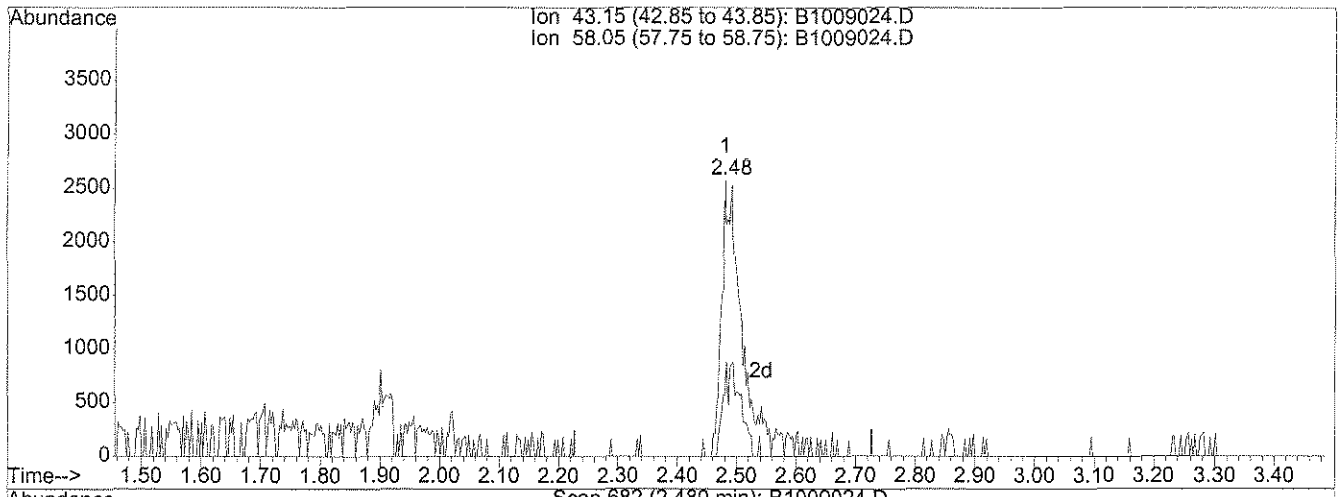
response 2479

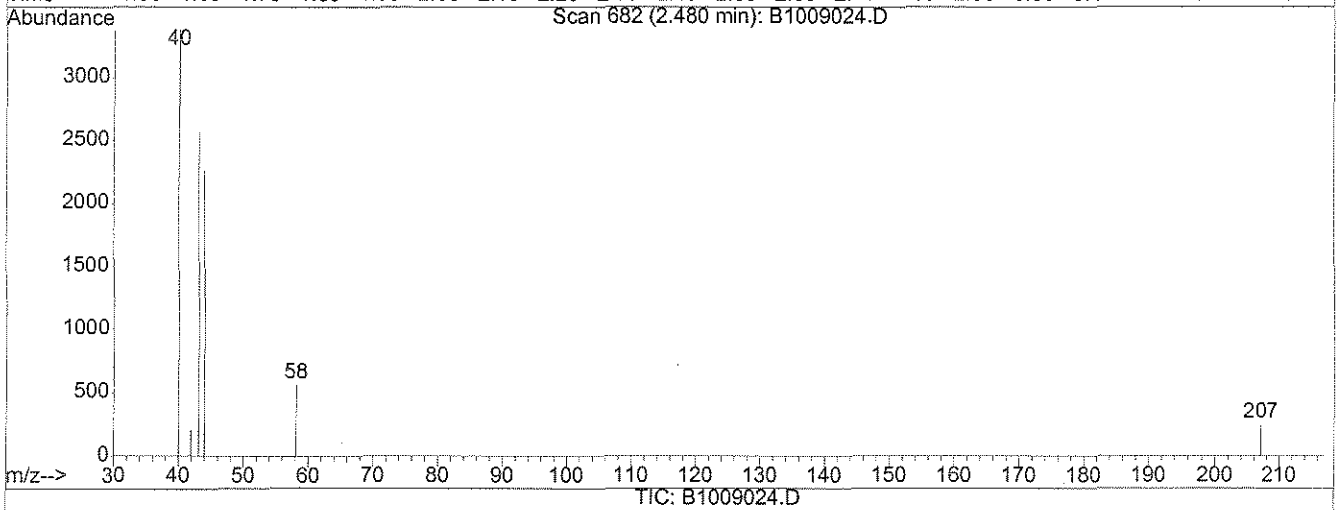
Ion	Exp%	Act%
43.15	100	100
58.05	27.50	22.99
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data File : X:\MSVOA\BUDDHA\100907\B1009024.D Vial: 18
Acq On : 9 Oct 2007 14:57 Operator: LPM
Sample : TT02001-010 Inst : Buddha
Misc : #2 5.60GM+ 5ML PFW+IS/SS Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Oct 10 8:06 2007 Quant Results File: temp.res

Method : X:\MSVOA\BUDDHA\QUANT\B8260S.M (RTE Integrator)
Title : VOA 8260- 5ML Soil Calibration 5973B
Last Update : Fri Sep 28 16:30:36 2007
Response via : Single Level Calibration





TIC: B1009024.D

(11) Acetone (T)

2.48min 5.60ug/l m

response 5877

Ion	Exp%	Act%
43.15	100	100
58.05	27.50	9.70#
0.00	0.00	0.00
0.00	0.00	0.00

VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

08SSW011

Lab Name: _____ Contract: _____

SDG No.: TT02001 Run Sequence: R022318

Matrix: (SOIL/SED/WATER) Soil Lab Sample ID: TT02001-011

Sample wt/vol: 5.66 (g/mL) gm Lab File ID: B1009025.D

Level: (LOW/MED) _____ Date Collected: 10/03/2007

% Moisture: not dec. 15.0 Date/Time Analyzed: 10/09/2007 15:23

GC Column: ZB-624 20m ID: 0.18 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____(uL) Soil Aliquot Volume: _____(uL)

Heated Purge: (Y/N) Y

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/kg	Q
1330-20-7	XYLENES, TOTAL	1.0	U
75-71-8	DICHLORODIFLUOROMETHANE	1.0	U
74-87-3	CHLOROMETHANE	1.0	U
75-01-4	VINYL CHLORIDE	1.0	U
74-83-9	BROMOMETHANE	1.0	U
75-00-3	CHLOROETHANE	1.0	U
75-69-4	TRICHLOROFLUOROMETHANE	1.0	U
75-35-4	1,1-DICHLOROETHENE	1.0	U
76-13-1	1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	1.0	U
67-64-1	ACETONE	5.7	JB
75-15-0	CARBON DISULFIDE	1.0	U
79-20-9	METHYL ACETATE	1.0	U
75-09-2	METHYLENE CHLORIDE	1.0	U
1634-04-4	METHYL TERT-BUTYL ETHER	1.0	U
156-60-5	TRANS-1,2-DICHLOROETHENE	1.0	U
75-34-3	1,1-DICHLOROETHANE	9.2	
156-59-2	CIS-1,2-DICHLOROETHENE	74	
78-93-3	2-BUTANONE	1.0	U
67-66-3	CHLOROFORM	1.0	U
71-55-6	1,1,1-TRICHLOROETHANE	93	
110-82-7	CYCLOHEXANE	1.0	U
56-23-5	CARBON TETRACHLORIDE	1.0	U
71-43-2	BENZENE	1.0	U
107-06-2	1,2-DICHLOROETHANE	1.0	U
79-01-6	TRICHLOROETHENE	28	
108-87-2	METHYLCYCLOHEXANE	1.0	U
78-87-5	1,2-DICHLOROPROPANE	1.0	U
75-27-4	BROMODICHLOROMETHANE	1.0	U
10061-01-	CIS-1,3-DICHLOROPROPENE	1.0	U

1

VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

08SSW011

Lab Name: _____ Contract: _____

SDG No.: TT02001 Run Sequence: R022318

Matrix: (SOIL/SED/WATER) Soil Lab Sample ID: TT02001-011

Sample wt/vol: 5.66 (g/mL) gm Lab File ID: B1009025.D

Level: (LOW/MED) _____ Date Collected: 10/03/2007

% Moisture: not dec. 15.0 Date/Time Analyzed: 10/09/2007 15:23

GC Column: ZB-624 20m ID: 0.18 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____(uL) Soil Aliquot Volume: _____(uL)

Heated Purge: (Y/N) Y

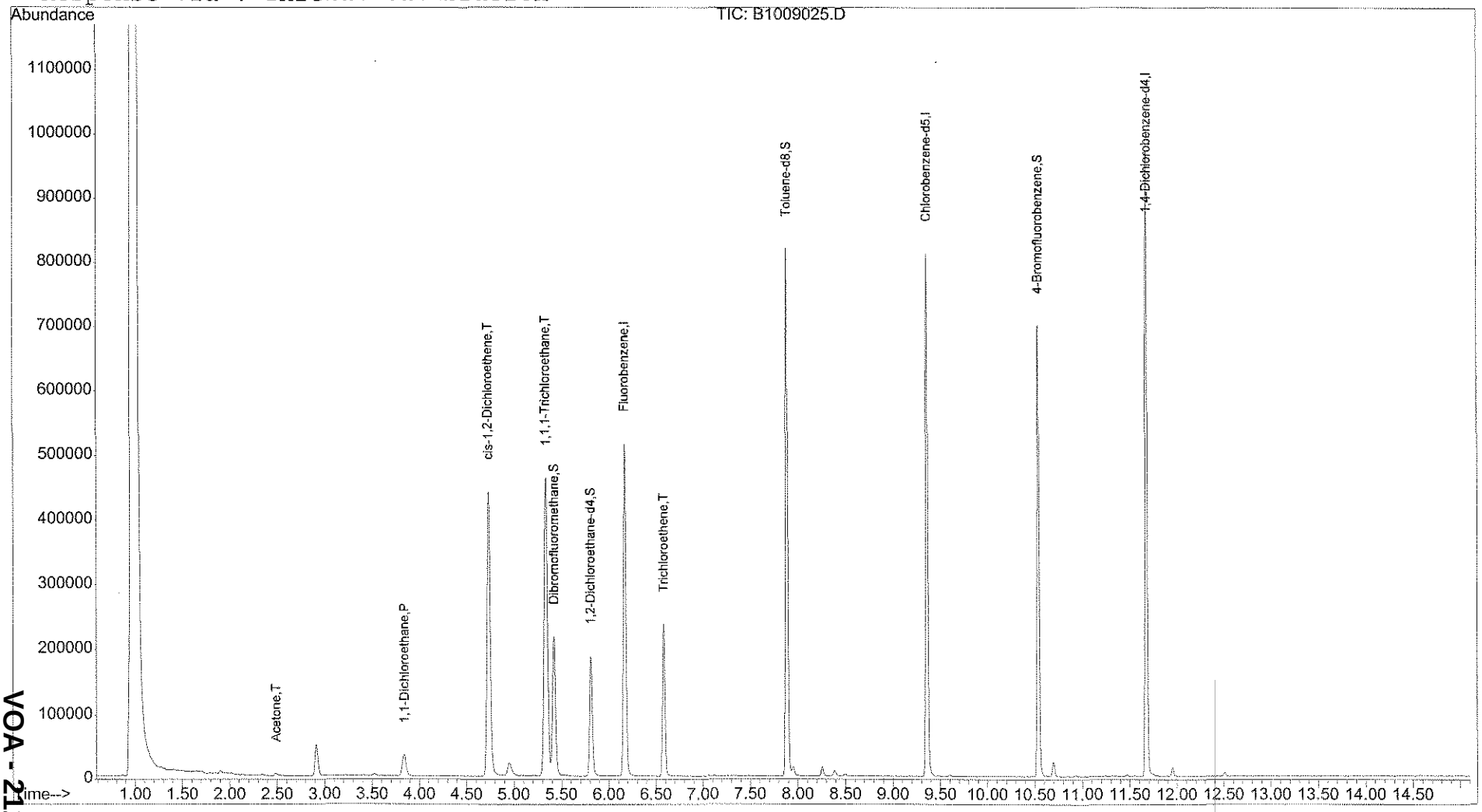
CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/kg	Q
108-10-1	4-METHYL-2-PENTANONE	1.0	U
108-88-3	TOLUENE	1.0	U
10061-02-	TRANS-1,3-DICHLOROPROPENE	1.0	U
79-00-5	1,1,2-TRICHLOROETHANE	1.0	U
127-18-4	TETRACHLOROETHENE	1.0	U
591-78-6	2-HEXANONE	1.0	U
124-48-1	DIBROMOCHLOROMETHANE	1.0	U
106-93-4	1,2-DIBROMOETHANE	1.0	U
108-90-7	CHLOROBENZENE	1.0	U
100-41-4	ETHYLBENZENE	1.0	U
179601-23	M,P-XYLENE	1.0	U
95-47-6	O-XYLENE	1.0	U
100-42-5	STYRENE	1.0	U
75-25-2	BROMOFORM	1.0	U
98-82-8	ISOPROPYLBENZENE	1.0	U
79-34-5	1,1,2,2-TETRACHLOROETHANE	1.0	U
541-73-1	1,3-DICHLOROBENZENE	1.0	U
106-46-7	1,4-DICHLOROBENZENE	1.0	U
95-50-1	1,2-DICHLOROBENZENE	1.0	U
96-12-8	1,2-DIBROMO-3-CHLOROPROPANE	1.0	U
120-82-1	1,2,4-TRICHLOROBENZENE	1.0	U

Comments:

Quantitation Report

Data File : X:\MSVOA\BUDDHA\100907\B1009025.D Vial: 19
Acq On : 9 Oct 2007 15:23 Operator: LPM
Sample : TT02001-011 Inst : Buddha
Misc : #7 5.66GM+ 5ML PFW+IS/SS Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Oct 10 5:44 2007 Quant Results File: B8260S.RES

Method : X:\MSVOA\BUDDHA\QUANT\B8260S.M (RTE Integrator)
Title : VOA 8260- 5ML Soil Calibration 5973B
Last Update : Fri Sep 28 16:30:36 2007
Response via : Initial Calibration



VOA - 212

Quantitation Report

Data File : X:\MSVOA\BUDDHA\100907\B1009025.D Vial: 19
Acq On : 9 Oct 2007 15:23 Operator: LPM
Sample : TT02001-011 Inst : Buddha
Misc : #7 5.66GM+ 5ML PFW+IS/SS Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Oct 10 5:44 2007 Quant Results File: B8260S.RES

Quant Method : X:\MSVOA\BUDDHA\QUANT\B8260S.M (RTE Integrator)
Title : VOA 8260- 5ML Soil Calibration 5973B
Last Update : Fri Sep 28 16:30:36 2007
Response via : Initial Calibration
DataAcq Meth : 8260
IS QA File : X:\MSVOA\BUDDHA\092807\B0928013.D (28 Sep 2007 12:55)

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min) Rcv(Ar)
1) Fluorobenzene	6.17	96	476586	50.00 ug/l	0.00 76.24%
54) Chlorobenzene-d5	9.36	117	445020	50.00 ug/l	0.00 88.25%
74) 1,4-Dichlorobenzene-d4	11.67	152	257319	50.00 ug/l	0.00 77.67%

System Monitoring Compounds

37) Dibromofluoromethane	5.42	111	150641	56.02 ug/l	0.00
Spiked Amount 50.000	Range 65 - 135		Recovery = 112.04%		
40) 1,2-Dichloroethane-d4	5.81	65	131468	54.75 ug/l	0.00
Spiked Amount 50.000	Range 52 - 149		Recovery = 109.50%		
55) Toluene-d8	7.88	98	511566	50.66 ug/l	0.00
Spiked Amount 50.000	Range 85 - 115		Recovery = 101.32%		
76) 4-Bromofluorobenzene	10.53	95	203963	50.42 ug/l	0.00
Spiked Amount 50.000	Range 85 - 120		Recovery = 100.84%		

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.09	85	37	N.D.	
3) Chloromethane	1.22	50	26	N.D.	
4) Vinyl Chloride	1.31	62	456	N.D.	
5) Bromomethane	1.56	96	26	N.D.	
6) Chloroethane	1.65	64	1208	N.D.	
7) Trichlorofluoromethane	1.86	101	33	N.D.	
8) Acrolein	2.30	56	28	Below Cal #	78
9) 1,1-Dichloroethene	2.33	96	234	N.D.	
10) 1,1,2-Trichloro-1,2,2-trif	0.00	101	0	N.D.	
11) Acetone	2.49	43	5910	5.47 ug/l #	78
12) Iodomethane	0.00	142	0	N.D.	
13) Bromoethane	0.00	108	0	N.D.	
14) Carbon Disulfide	2.53	76	135	N.D.	
15) Allyl chloride	0.00	76	0	N.D.	
16) Acetonitrile	2.82	41	107	N.D.	
17) Methyl Acetate	2.84	43	575	N.D.	
18) Methylene Chloride	2.91	84	27246	Below Cal	93
19) trans-1,2-Dichloroethene	3.21	96	89	N.D.	
20) t-Butyl alcohol	3.19	59	30	N.D.	
21) Methyl tert-butyl ether	3.24	73	35	N.D.	
22) Acrylonitrile	0.00	53	0	N.D.	

(#) = qualifier out of range (m) = manual integration

Quantitation Report

Data File : X:\MSVOA\BUDDHA\100907\B1009025.D Vial: 19
Acq On : 9 Oct 2007 15:23 Operator: LPM
Sample : TT02001-011 Inst : Buddha
Misc : #7 5.66GM+ 5ML PFW+IS/SS Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Oct 10 5:44 2007 Quant Results File: B8260S.RES

Quant Method : X:\MSVOA\BUDDHA\QUANT\B8260S.M (RTE Integrator)
Title : VOA 8260- 5ML Soil Calibration 5973B
Last Update : Fri Sep 28 16:30:36 2007
Response via : Initial Calibration
DataAcq Meth : 8260

	Compound	R.T.	QIon	Response	Conc Unit	Qvalue
23)	1,1-Dichloroethane	3.84	63	47856	8.89 ug/l	73
24)	Chloroprene	0.00	53	0	N.D.	
25)	Isopropyl ether	0.00	45	0	N.D.	
26)	Vinyl acetate	0.00	43	0	N.D.	
27)	Ethyl-t-butyl ether	0.00	59	0	N.D.	
28)	2,2-Dichloropropane	0.00	77	0	N.D.	
29)	cis-1,2-Dichloroethene	4.74	96	252695	71.34 ug/l	90
30)	2-Butanone	4.89	43	43	N.D.	
31)	Propionitrile	0.00	54	0	N.D.	
32)	Bromochloromethane	0.00	128	0	N.D.	
33)	Methacrylonitrile	5.04	41	30	N.D.	
34)	Chloroform	5.34	83	364	N.D.	
35)	1,1,1-Trichloroethane	5.34	97	374845	89.48 ug/l	94
36)	Cyclohexane	5.42	56	31	N.D.	
38)	Carbon Tetrachloride	0.00	117	0	N.D.	
39)	1,1-Dichloropropene	5.54	75	99	N.D.	
41)	Benzene	5.80	78	648	N.D.	
42)	1,2-Dichloroethane	0.00	62	0	N.D.	
43)	t-Amyl methyl ether	0.00	73	0	N.D.	
44)	Isobutanol	6.08	43	35	N.D.	
45)	Trichloroethene	6.58	130	85358	26.49 ug/l	95
46)	Methylcyclohexane	6.59	83	1133	N.D.	
47)	1,2-Dichloropropane	0.00	63	0	N.D.	
48)	Dibromomethane	0.00	93	0	N.D.	
49)	Methyl methacrylate	7.01	41	30	N.D.	
50)	Bromodichloromethane	0.00	83	0	N.D.	
51)	2-Chloroethyl vinyl ether	0.00	63	0	N.D.	
52)	cis-1,3-Dichloropropene	0.00	75	0	N.D.	
53)	4-Methyl-2-pentanone	7.88	43	2047	N.D.	
56)	Toluene	7.95	92	4820	N.D.	
57)	trans-1,3-Dichloropropene	0.00	75	0	N.D.	
58)	Ethyl methacrylate	0.00	69	0	N.D.	
59)	1,1,2-Trichloroethane	8.39	97	66	N.D.	
60)	Tetrachloroethene	8.49	166	830	N.D.	
61)	1,3-Dichloropropane	0.00	76	0	N.D.	
62)	2-Hexanone	8.71	43	32	N.D.	
63)	Dibromochloromethane	0.00	129	0	N.D.	
64)	1,2-Dibromoethane	0.00	107	0	N.D.	
65)	1-Chlorohexane	9.36	91	923	N.D.	
66)	Chlorobenzene	9.39	112	101	N.D.	
67)	1,1,1,2-Tetrachloroethane	0.00	131	0	N.D.	

(#) = qualifier out of range (m) = manual integration

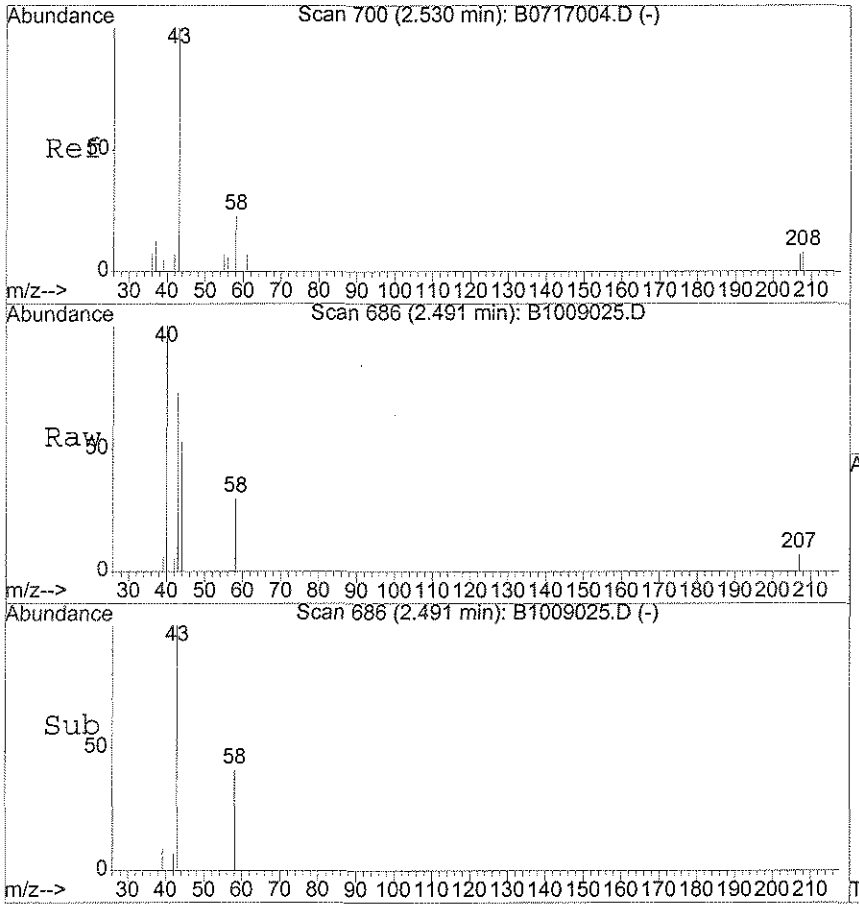
Quantitation Report

Data File : X:\MSVOA\BUDDHA\100907\B1009025.D Vial: 19
Acq On : 9 Oct 2007 15:23 Operator: LPM
Sample : TT02001-011 Inst : Buddha
Misc : #7 5.66GM+ 5ML PFW+IS/SS Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Oct 10 5:44 2007 Quant Results File: B8260S.RES

Quant Method : X:\MSVOA\BUDDHA\QUANT\B8260S.M (RTE Integrator)
Title : VOA 8260- 5ML Soil Calibration 5973B
Last Update : Fri Sep 28 16:30:36 2007
Response via : Initial Calibration
DataAcq Meth : 8260

	Compound	R.T.	QIon	Response	Conc Unit	Qvalue
68)	Ethylbenzene	9.48	91	710	N.D.	
69)	m,p-Xylene	9.60	106	731	N.D.	
70)	o-xylene	10.01	106	233	N.D.	
71)	Styrene	10.04	104	62	N.D.	
72)	Bromoform	0.00	173	0	N.D.	
73)	Isopropylbenzene	10.36	105	42	N.D.	
75)	trans-1,4-Dichloro-2-buten	0.00	53	0	N.D.	
77)	Bromobenzene	0.00	156	0	N.D.	
78)	1,1,2,2-Tetrachloroethane	10.53	83	29	N.D.	
79)	1,2,3-Trichloropropane	0.00	110	0	N.D.	
80)	n-Propylbenzene	10.93	120	41	N.D.	
81)	2-Chlorotoluene	10.86	91	69	N.D.	
82)	4-Chlorotoluene	10.96	91	168	N.D.	
83)	1,3,5-Trimethylbenzene	10.94	105	281	N.D.	
84)	tert-Butylbenzene	11.26	119	35	N.D.	
85)	1,2,4-Trimethylbenzene	11.31	105	603	N.D.	
86)	sec-butylbenzene	11.48	105	109	N.D.	
87)	1,3-Dichlorobenzene	11.61	146	167	N.D.	
88)	4-Isopropyltoluene	11.62	119	326	N.D.	
89)	1,4-Dichlorobenzene	11.69	146	489	N.D.	
90)	1,2-Dichlorobenzene	12.07	146	102	N.D.	
91)	n-Butylbenzene	12.03	91	297	N.D.	
92)	1,2-Dibromo-3-chloropropan	0.00	75	0	N.D.	
93)	1,2,4-Trichlorobenzene	13.64	180	33	N.D.	
94)	Hexachlorobutadiene	0.00	225	0	N.D.	
95)	Naphthalene	13.90	128	918	N.D.	
96)	1,2,3-Trichlorobenzene	14.14	180	46	N.D.	

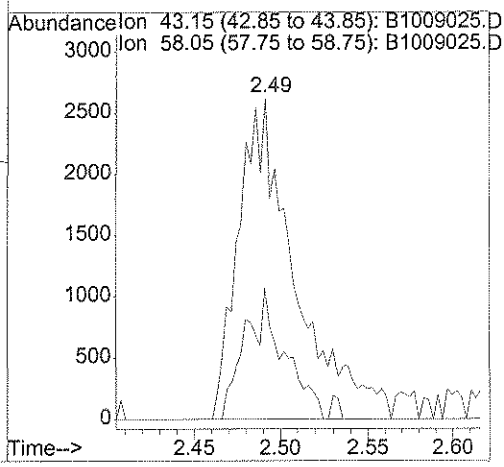
(#) = qualifier out of range (m) = manual integration

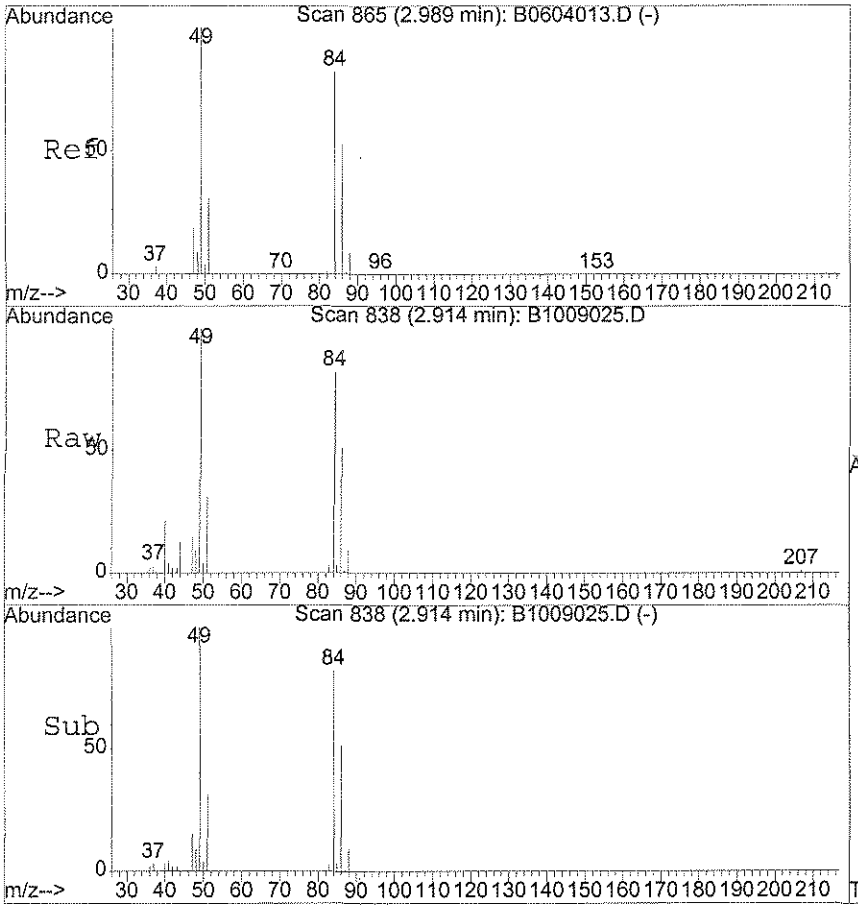


#11
Acetone
Concen: 5.47 ug/l
RT: 2.49 min Scan# 686
Delta R.T. 0.01 min
Lab File: B1009025.D
Acq: 9 Oct 2007 15:23

Tgt Ion: 43 Resp: 5910

Ion	Ratio	Lower	Upper
43	100		
58	16.2	22.0	33.0#

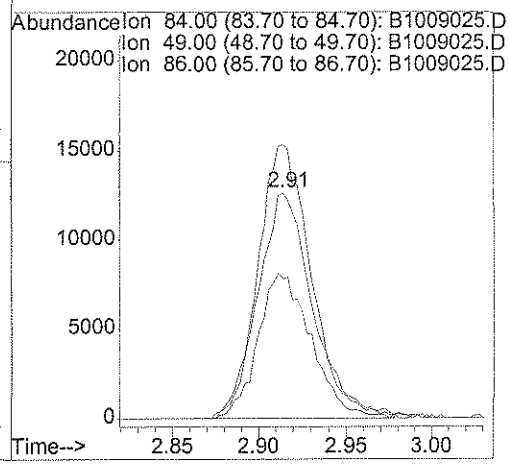


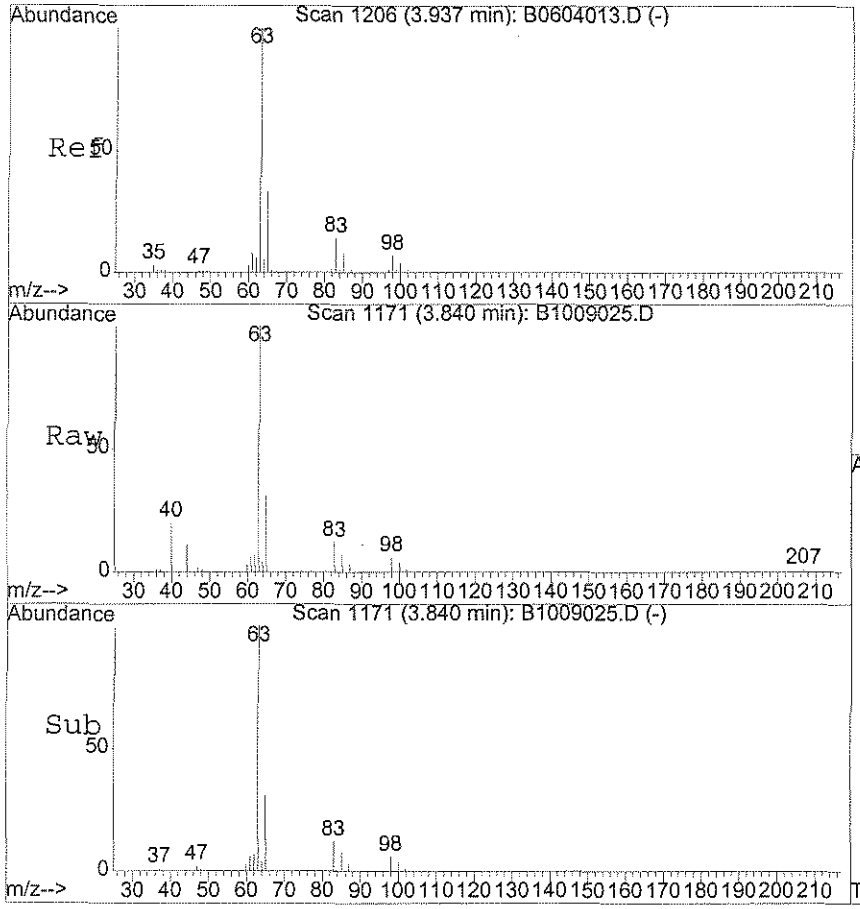


#18
Methylene Chloride
Concen: Below Cal
RT: 2.91 min Scan# 838
Delta R.T. 0.00 min
Lab File: B1009025.D
Acq: 9 Oct 2007 15:23

Tgt Ion: 84 Resp: 27246

Ion	Ratio	Lower	Upper
84	100		
49	122.7	113.6	153.6
86	63.2	45.8	85.8

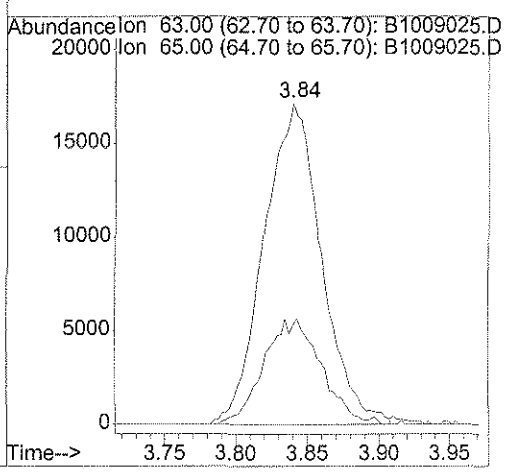


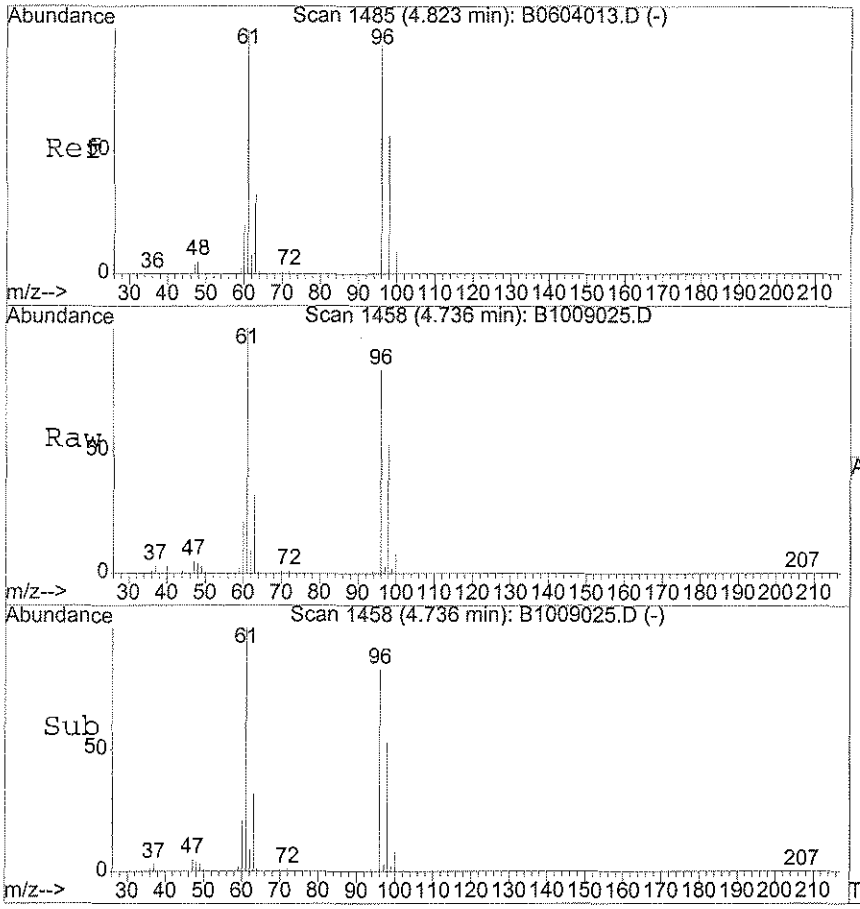


#23
1,1-Dichloroethane
Concen: 8.89 ug/l
RT: 3.84 min Scan# 1171
Delta R.T. 0.01 min
Lab File: B1009025.D
Acq: 9 Oct 2007 15:23

Tgt Ion: 63 Resp: 47856

Ion	Ratio	Lower	Upper
63	100		
65	15.6	10.2	50.2

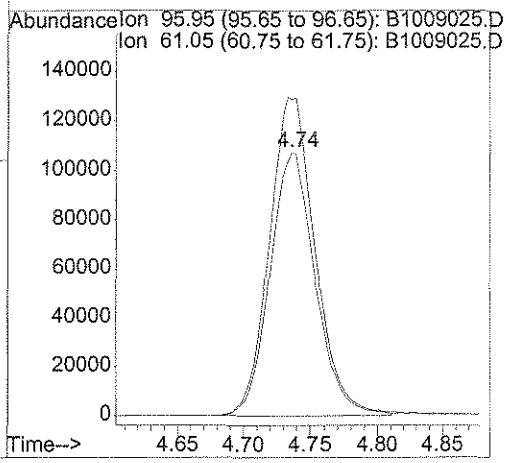


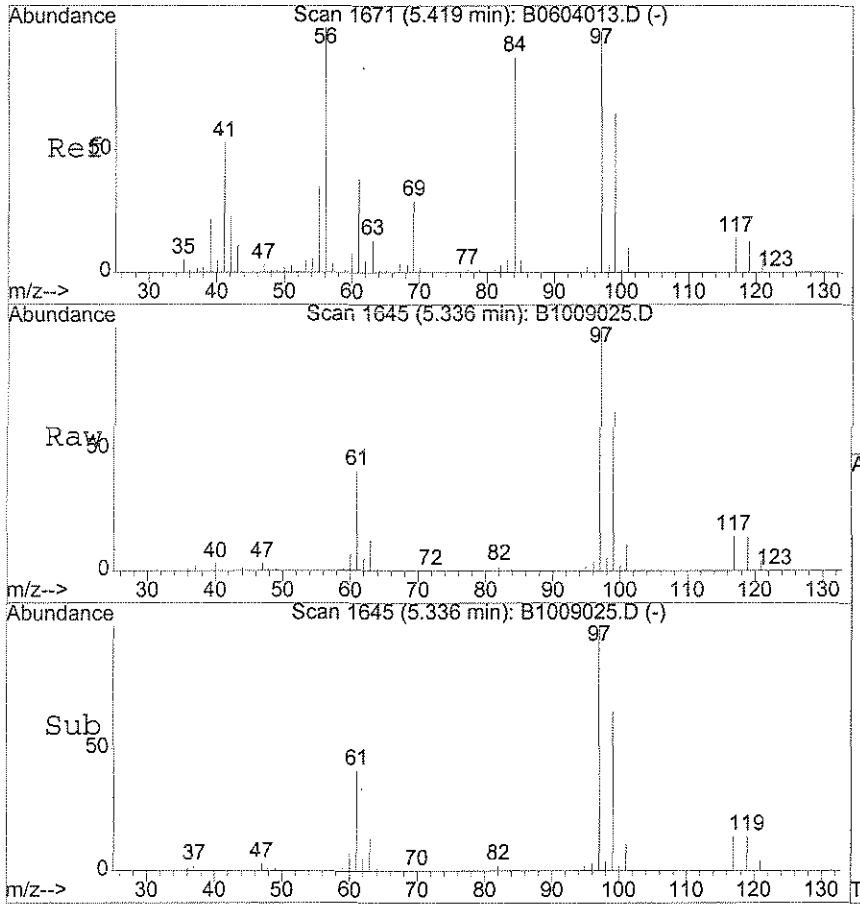


#29
cis-1,2-Dichloroethene
Concen: 71.34 ug/l
RT: 4.74 min Scan# 1458
Delta R.T. 0.00 min
Lab File: B1009025.D
Acq: 9 Oct 2007 15:23

Tgt Ion: 96 Resp: 252695

Ion	Ratio	Lower	Upper
96	100		
61	122.9	107.4	161.0

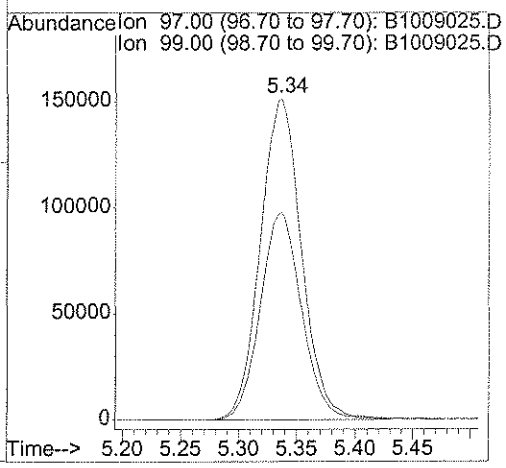


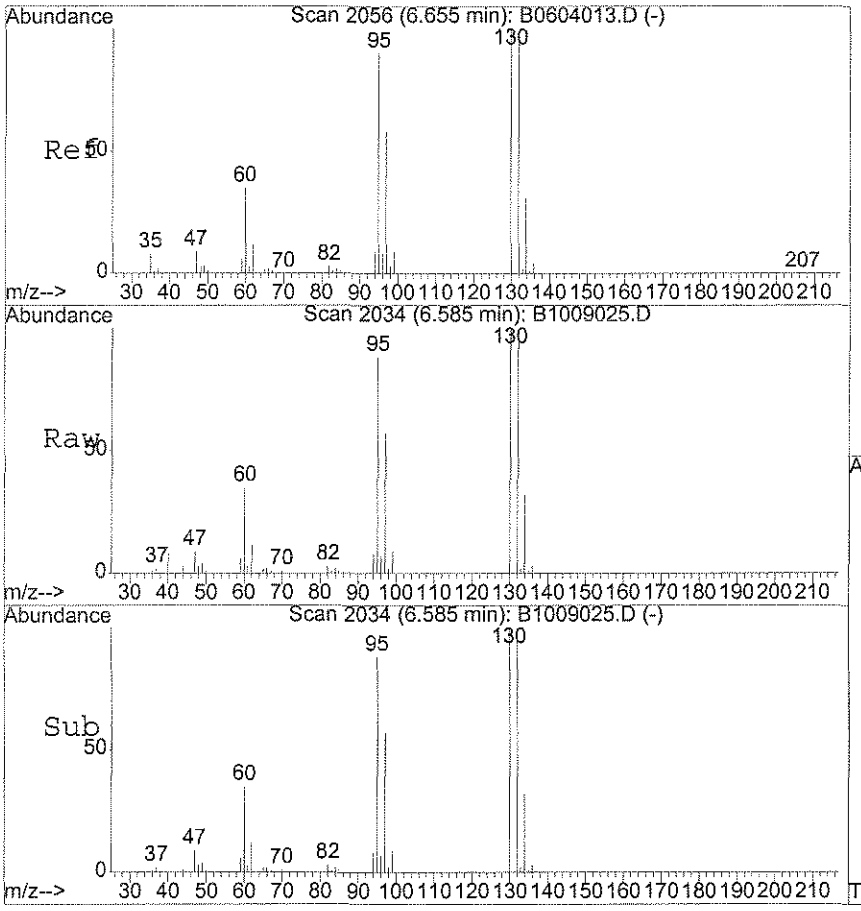


#35
1,1,1-Trichloroethane
Concen: 89.48 ug/l
RT: 5.34 min Scan# 1645
Delta R.T. 0.00 min
Lab File: B1009025.D
Acq: 9 Oct 2007 15:23

Tgt Ion: 97 Resp: 374845

Ion	Ratio	Lower	Upper
97	100		
99	64.8	40.3	80.3

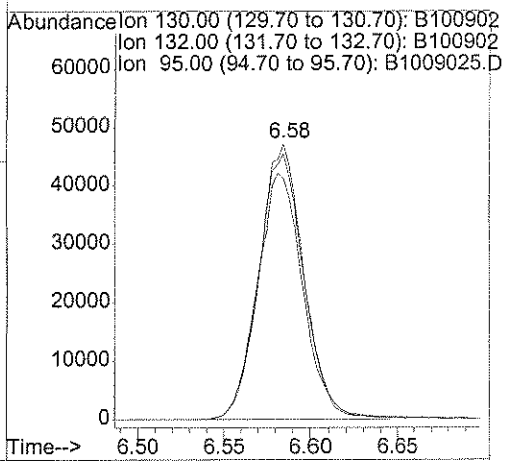




#45
Trichloroethene
Concen: 26.49 ug/l
RT: 6.58 min Scan# 2034
Delta R.T. 0.00 min
Lab File: B1009025.D
Acq: 9 Oct 2007 15:23

Tgt Ion:130 Resp: 85358

Ion	Ratio	Lower	Upper
130	100		
132	97.3	80.2	120.2
95	89.4	75.8	115.8



VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

08SSW012

Lab Name: _____ Contract: _____

SDG No.: TT02001 Run Sequence: R022318

Matrix: (SOIL/SED/WATER) Soil Lab Sample ID: TT02001-012

Sample wt/vol: 5.79 (g/mL) gm Lab File ID: B1009026.D

Level: (LOW/MED) _____ Date Collected: 10/03/2007

% Moisture: not dec. 18.0 Date/Time Analyzed: 10/09/2007 15:49

GC Column: ZB-624 20m ID: 0.18 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____(uL) Soil Aliquot Volume: _____(uL)

Heated Purge: (Y/N) Y

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/kg	Q
1330-20-7	XYLENES, TOTAL	1.1	U
75-71-8	DICHLORODIFLUOROMETHANE	1.1	U
74-87-3	CHLOROMETHANE	1.1	U
75-01-4	VINYL CHLORIDE	1.1	U
74-83-9	BROMOMETHANE	1.1	U
75-00-3	CHLOROETHANE	1.1	U
75-69-4	TRICHLOROFLUOROMETHANE	1.1	U
75-35-4	1,1-DICHLOROETHENE	1.1	U
76-13-1	1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	1.1	U
67-64-1	ACETONE	7.8	JB
75-15-0	CARBON DISULFIDE	1.1	U
79-20-9	METHYL ACETATE	1.1	U
75-09-2	METHYLENE CHLORIDE	1.1	U
1634-04-4	METHYL TERT-BUTYL ETHER	1.1	U
156-60-5	TRANS-1,2-DICHLOROETHENE	1.1	U
75-34-3	1,1-DICHLOROETHANE	2.1	J
156-59-2	CIS-1,2-DICHLOROETHENE	10	
78-93-3	2-BUTANONE	1.1	U
67-66-3	CHLOROFORM	1.1	U
71-55-6	1,1,1-TRICHLOROETHANE	22	
110-82-7	CYCLOHEXANE	1.1	U
56-23-5	CARBON TETRACHLORIDE	1.1	U
71-43-2	BENZENE	1.1	U
107-06-2	1,2-DICHLOROETHANE	1.1	U
79-01-6	TRICHLOROETHENE	6.4	
108-87-2	METHYLCYCLOHEXANE	1.1	U
78-87-5	1,2-DICHLOROPROPANE	1.1	U
75-27-4	BROMODICHLOROMETHANE	1.1	U
10061-01-	CIS-1,3-DICHLOROPROPENE	1.1	U

VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

08SSW012

Lab Name: _____ Contract: _____

SDG No.: TT02001 Run Sequence: R022318

Matrix: (SOIL/SED/WATER) Soil Lab Sample ID: TT02001-012

Sample wt/vol: 5.79 (g/mL) gm Lab File ID: B1009026.D

Level: (LOW/MED) _____ Date Collected: 10/03/2007

% Moisture: not dec. 18.0 Date/Time Analyzed: 10/09/2007 15:49

GC Column: ZB-624 20m ID: 0.18 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____(uL) Soil Aliquot Volume: _____(uL)

Heated Purge: (Y/N) Y

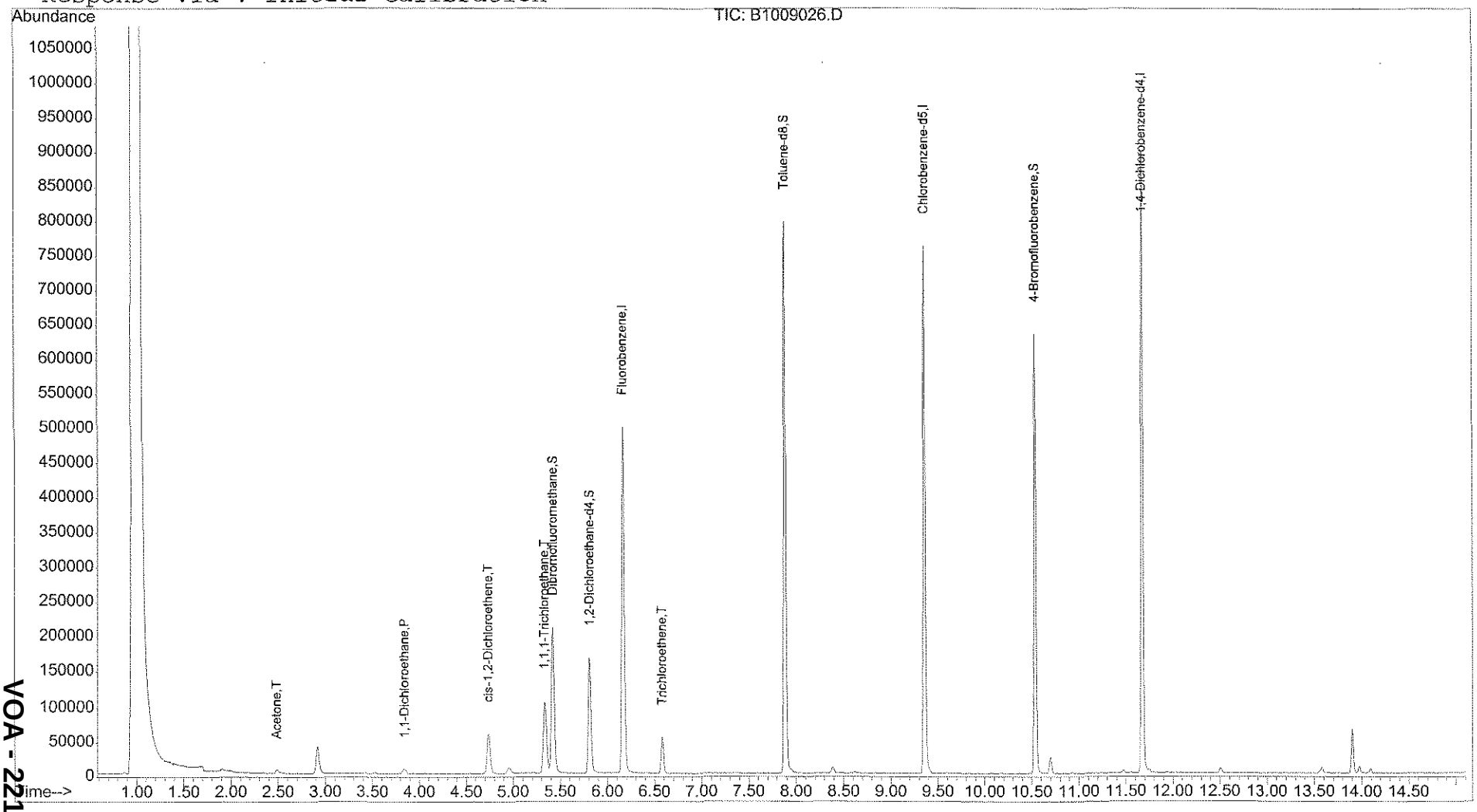
CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/kg	Q
108-10-1	4-METHYL-2-PENTANONE	1.1	U
108-88-3	TOLUENE	1.1	U
10061-02-	TRANS-1,3-DICHLOROPROPENE	1.1	U
79-00-5	1,1,2-TRICHLOROETHANE	1.1	U
127-18-4	TETRACHLOROETHENE	1.1	U
591-78-6	2-HEXANONE	1.1	U
124-48-1	DIBROMOCHLOROMETHANE	1.1	U
106-93-4	1,2-DIBROMOETHANE	1.1	U
108-90-7	CHLOROBENZENE	1.1	U
100-41-4	ETHYLBENZENE	1.1	U
179601-23	M,P-XYLENE	1.1	U
95-47-6	O-XYLENE	1.1	U
100-42-5	STYRENE	1.1	U
75-25-2	BROMOFORM	1.1	U
98-82-8	ISOPROPYLBENZENE	1.1	U
79-34-5	1,1,2,2-TETRACHLOROETHANE	1.1	U
541-73-1	1,3-DICHLOROBENZENE	1.1	U
106-46-7	1,4-DICHLOROBENZENE	1.1	U
95-50-1	1,2-DICHLOROBENZENE	1.1	U
96-12-8	1,2-DIBROMO-3-CHLOROPROPANE	1.1	U
120-82-1	1,2,4-TRICHLOROBENZENE	1.1	U

Comments:

Quantitation Report

Data File : X:\MSVOA\BUDDHA\100907\B1009026.D Vial: 20
Acq On : 9 Oct 2007 15:49 Operator: LPM
Sample : TT02001-012 Inst : Buddha
Misc : #2 5.79GM+ 5ML PFW+IS/SS Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Oct 10 5:44 2007 Quant Results File: B8260S.RES

Method : X:\MSVOA\BUDDHA\QUANT\B8260S.M (RTE Integrator)
Title : VOA 8260- 5ML Soil Calibration 5973B
Last Update : Fri Sep 28 16:30:36 2007
Response via : Initial Calibration



VOA - 221

Quantitation Report

Data File : X:\MSVOA\BUDDHA\100907\B1009026.D Vial: 20
Acq On : 9 Oct 2007 15:49 Operator: LPM
Sample : TT02001-012 Inst : Buddha
Misc : #2 5.79GM+ 5ML PFW+IS/SS Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Oct 10 5:44 2007 Quant Results File: B8260S.RES

Quant Method : X:\MSVOA\BUDDHA\QUANT\B8260S.M (RTE Integrator)
Title : VOA 8260- 5ML Soil Calibration 5973B
Last Update : Fri Sep 28 16:30:36 2007
Response via : Initial Calibration
DataAcq Meth : 8260
IS QA File : X:\MSVOA\BUDDHA\092807\B0928013.D (28 Sep 2007 12:55)

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min) Rcv(Ar)
1) Fluorobenzene	6.17	96	468284	50.00 ug/l	0.00 74.91%
54) Chlorobenzene-d5	9.36	117	420977	50.00 ug/l	0.00 83.48%
74) 1,4-Dichlorobenzene-d4	11.67	152	232865	50.00 ug/l	0.00 70.29%

System Monitoring Compounds					
37) Dibromofluoromethane	5.42	111	142875	54.07 ug/l	0.00
Spiked Amount 50.000	Range 65 - 135		Recovery = 108.14%		
40) 1,2-Dichloroethane-d4	5.81	65	120430	51.04 ug/l	0.00
Spiked Amount 50.000	Range 52 - 149		Recovery = 102.08%		
55) Toluene-d8	7.88	98	502074	52.56 ug/l	0.00
Spiked Amount 50.000	Range 85 - 115		Recovery = 105.12%		
76) 4-Bromofluorobenzene	10.53	95	186027	50.81 ug/l	0.00
Spiked Amount 50.000	Range 85 - 120		Recovery = 101.62%		

Target Compounds					Qvalue
2) Dichlorodifluoromethane	1.09	85	31	N.D.	
3) Chloromethane	0.00	50	0	N.D.	
4) Vinyl Chloride	1.31	62	205	N.D.	
5) Bromomethane	1.59	96	28	N.D.	
6) Chloroethane	1.66	64	574	N.D.	
7) Trichlorofluoromethane	0.00	101	0	N.D.	
8) Acrolein	2.29	56	27	Below Cal #	1
9) 1,1-Dichloroethene	2.32	96	61	N.D.	
10) 1,1,2-Trichloro-1,2,2-trif	0.00	101	0	N.D.	
11) Acetone	2.48	43	7873	7.41 ug/l #	74
12) Iodomethane	0.00	142	0	N.D.	
13) Bromoethane	0.00	108	0	N.D.	
14) Carbon Disulfide	2.54	76	1168	N.D.	
15) Allyl chloride	0.00	76	0	N.D.	
16) Acetonitrile	2.83	41	212	N.D.	
17) Methyl Acetate	0.00	43	0	N.D.	
18) Methylene Chloride	2.92	84	22201	Below Cal	94
19) trans-1,2-Dichloroethene	0.00	96	0	N.D.	
20) t-Butyl alcohol	3.21	59	27	N.D.	
21) Methyl tert-butyl ether	0.00	73	0	N.D.	
22) Acrylonitrile	0.00	53	0	N.D.	

(#) = qualifier out of range (m) = manual integration

Quantitation Report

Data File : X:\MSVOA\BUDDHA\100907\B1009026.D Vial: 20
Acq On : 9 Oct 2007 15:49 Operator: LPM
Sample : TT02001-012 Inst : Buddha
Misc : #2 5.79GM+ 5ML PFW+IS/SS Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Oct 10 5:44 2007 Quant Results File: B8260S.RES

Quant Method : X:\MSVOA\BUDDHA\QUANT\B8260S.M (RTE Integrator)
Title : VOA 8260- 5ML Soil Calibration 5973B
Last Update : Fri Sep 28 16:30:36 2007
Response via : Initial Calibration
DataAcq Meth : 8260

Compound	R.T.	QIon	Response	Conc Unit	Qvalue
23) 1,1-Dichloroethane	3.85	63	10361	1.96 ug/l	72
24) Chloroprene	0.00	53	0	N.D.	
25) Isopropyl ether	0.00	45	0	N.D.	
26) Vinyl acetate	0.00	43	0	N.D.	
27) Ethyl-t-butyl ether	4.51	59	35	N.D.	
28) 2,2-Dichloropropane	0.00	77	0	N.D.	
29) cis-1,2-Dichloroethene	4.74	96	34575	9.93 ug/l	90
30) 2-Butanone	4.91	43	73	N.D.	
31) Propionitrile	0.00	54	0	N.D.	
32) Bromochloromethane	0.00	128	0	N.D.	
33) Methacrylonitrile	0.00	41	0	N.D.	
34) Chloroform	5.21	83	626	N.D.	
35) 1,1,1-Trichloroethane	5.33	97	84557	20.54 ug/l	95
36) Cyclohexane	0.00	56	0	N.D.	
38) Carbon Tetrachloride	0.00	117	0	N.D.	
39) 1,1-Dichloropropene	5.46	75	30	N.D.	
41) Benzene	5.80	78	755	N.D.	
42) 1,2-Dichloroethane	0.00	62	0	N.D.	
43) t-Amyl methyl ether	0.00	73	0	N.D.	
44) Isobutanol	6.07	43	32	N.D.	
45) Trichloroethene	6.58	130	19080	6.03 ug/l	96
46) Methylcyclohexane	6.58	83	47	N.D.	
47) 1,2-Dichloropropane	0.00	63	0	N.D.	
48) Dibromomethane	0.00	93	0	N.D.	
49) Methyl methacrylate	0.00	41	0	N.D.	
50) Bromodichloromethane	0.00	83	0	N.D.	
51) 2-Chloroethyl vinyl ether	0.00	63	0	N.D.	
52) cis-1,3-Dichloropropene	0.00	75	0	N.D.	
53) 4-Methyl-2-pentanone	7.85	43	122	N.D.	
56) Toluene	7.95	92	1141	N.D.	
57) trans-1,3-Dichloropropene	0.00	75	0	N.D.	
58) Ethyl methacrylate	0.00	69	0	N.D.	
59) 1,1,2-Trichloroethane	8.39	97	29	N.D.	
60) Tetrachloroethene	8.49	166	374	N.D.	
61) 1,3-Dichloropropane	0.00	76	0	N.D.	
62) 2-Hexanone	8.62	43	1918	N.D.	
63) Dibromochloromethane	0.00	129	0	N.D.	
64) 1,2-Dibromoethane	0.00	107	0	N.D.	
65) 1-Chlorohexane	9.35	91	521	N.D.	
66) Chlorobenzene	9.39	112	31	N.D.	
67) 1,1,1,2-Tetrachloroethane	0.00	131	0	N.D.	

(#) = qualifier out of range (m) = manual integration

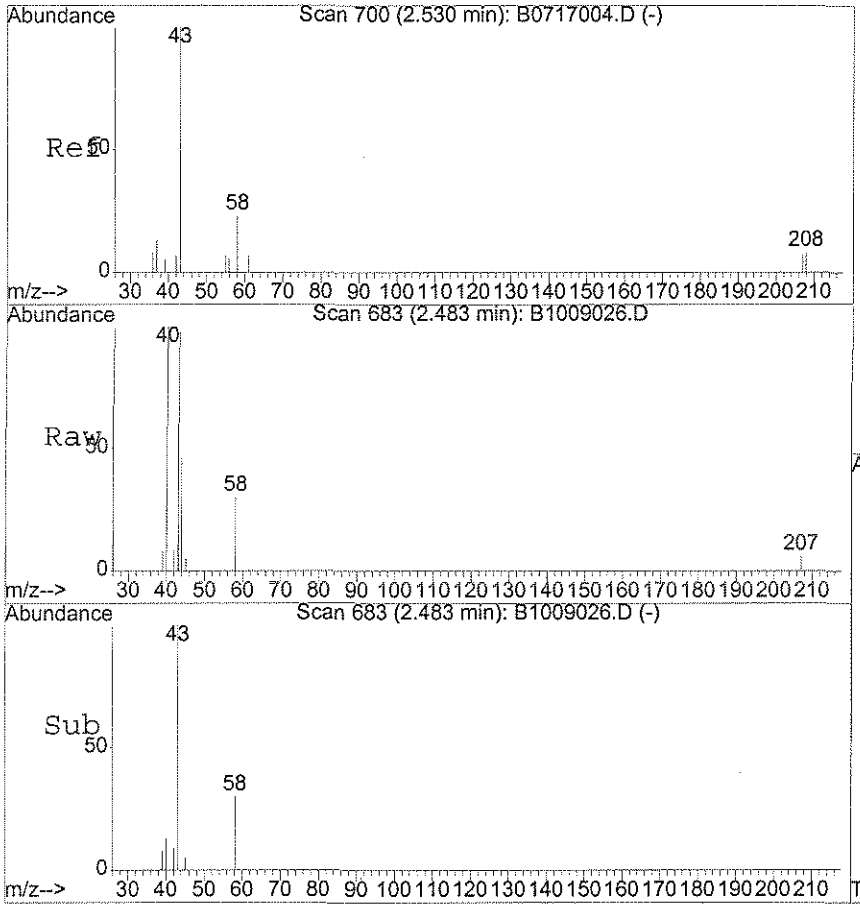
Quantitation Report

Data File : X:\MSVOA\BUDDHA\100907\B1009026.D Vial: 20
Acq On : 9 Oct 2007 15:49 Operator: LPM
Sample : TT02001-012 Inst : Buddha
Misc : #2 5.79GM+ 5ML PFW+IS/SS Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Oct 10 5:44 2007 Quant Results File: B8260S.RES

Quant Method : X:\MSVOA\BUDDHA\QUANT\B8260S.M (RTE Integrator)
Title : VOA 8260- 5ML Soil Calibration 5973B
Last Update : Fri Sep 28 16:30:36 2007
Response via : Initial Calibration
DataAcq Meth : 8260

	Compound	R.T.	QIon	Response	Conc Unit	Qvalue
68)	Ethylbenzene	9.49	91	294	N.D.	
69)	m,p-Xylene	9.60	106	411	N.D.	
70)	o-xylene	9.99	106	31	N.D.	
71)	Styrene	10.01	104	90	N.D.	
72)	Bromoform	0.00	173	0	N.D.	
73)	Isopropylbenzene	10.36	105	30	N.D.	
75)	trans-1,4-Dichloro-2-buten	0.00	53	0	N.D.	
77)	Bromobenzene	0.00	156	0	N.D.	
78)	1,1,2,2-Tetrachloroethane	0.00	83	0	N.D.	
79)	1,2,3-Trichloropropane	0.00	110	0	N.D.	
80)	n-Propylbenzene	10.77	120	33	N.D.	
81)	2-Chlorotoluene	10.77	91	192	N.D.	
82)	4-Chlorotoluene	10.96	91	111	N.D.	
83)	1,3,5-Trimethylbenzene	10.95	105	117	N.D.	
84)	tert-Butylbenzene	0.00	119	0	N.D.	
85)	1,2,4-Trimethylbenzene	11.32	105	431	N.D.	
86)	sec-butylbenzene	11.48	105	79	N.D.	
87)	1,3-Dichlorobenzene	11.60	146	172	N.D.	
88)	4-Isopropyltoluene	11.63	119	36	N.D.	
89)	1,4-Dichlorobenzene	11.70	146	608	N.D.	
90)	1,2-Dichlorobenzene	12.08	146	34	N.D.	
91)	n-Butylbenzene	12.03	91	136	N.D.	
92)	1,2-Dibromo-3-chloropropan	0.00	75	0	N.D.	
93)	1,2,4-Trichlorobenzene	13.65	180	83	N.D.	
94)	Hexachlorobutadiene	0.00	225	0	N.D.	
95)	Naphthalene	13.90	128	1179	N.D.	
96)	1,2,3-Trichlorobenzene	14.14	180	40	N.D.	

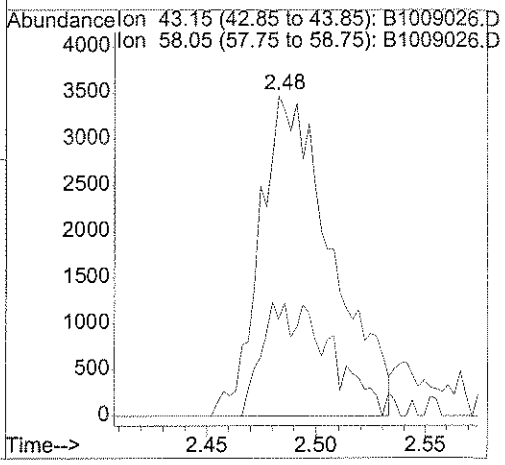
(#) = qualifier out of range (m) = manual integration

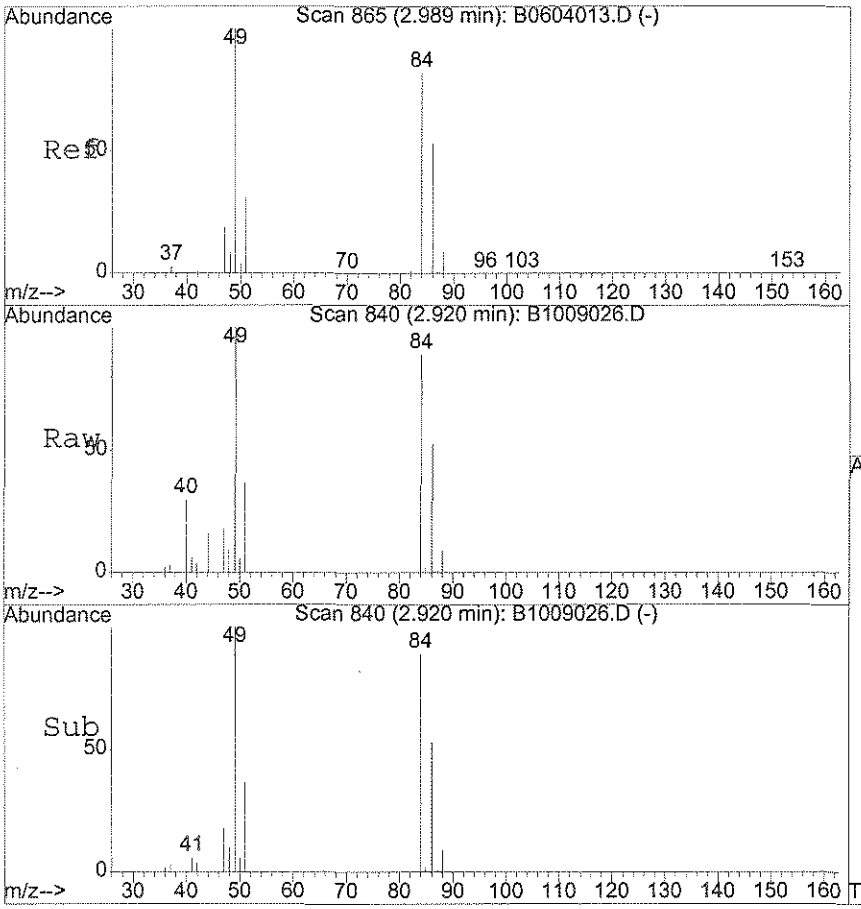


#11
Acetone
Concen: 7.41 ug/l
RT: 2.48 min Scan# 683
Delta R.T. 0.01 min
Lab File: B1009026.D
Acq: 9 Oct 2007 15:49

Tgt Ion: 43 Resp: 7873

Ion	Ratio	Lower	Upper
43	100		
58	14.2	22.0	33.0#

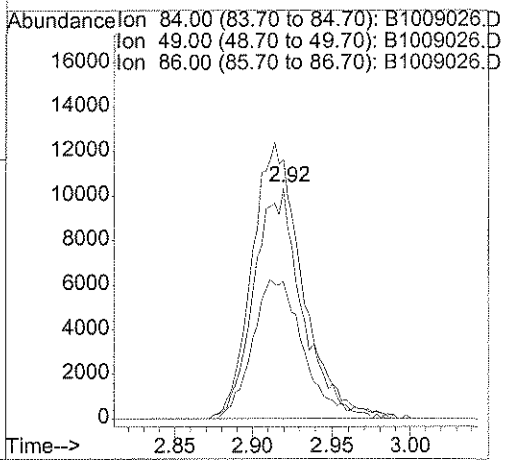


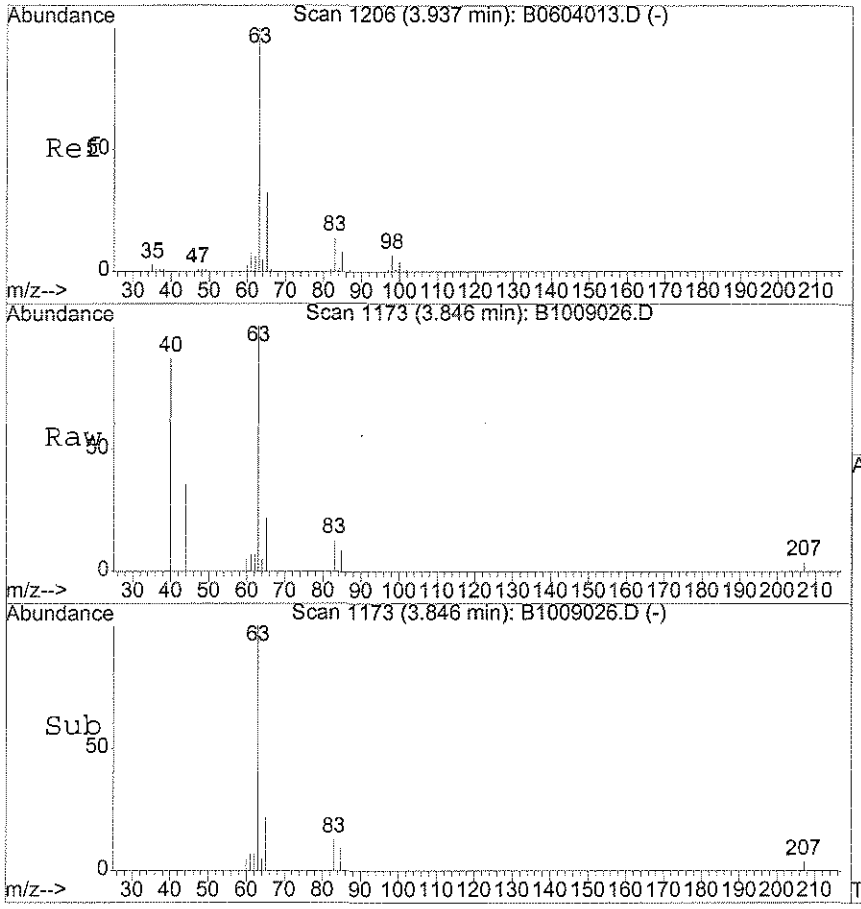


#18
Methylene Chloride
Concen: Below Cal
RT: 2.92 min Scan# 840
Delta R.T. 0.01 min
Lab File: B1009026.D
Acq: 9 Oct 2007 15:49

Tgt Ion: 84 Resp: 22201

Ion	Ratio	Lower	Upper
84	100		
49	124.6	113.6	153.6
86	63.4	45.8	85.8

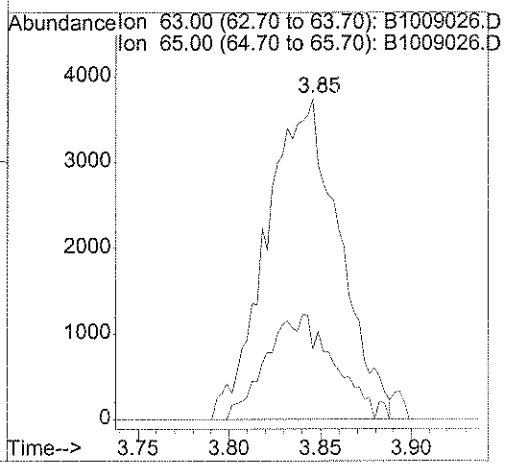


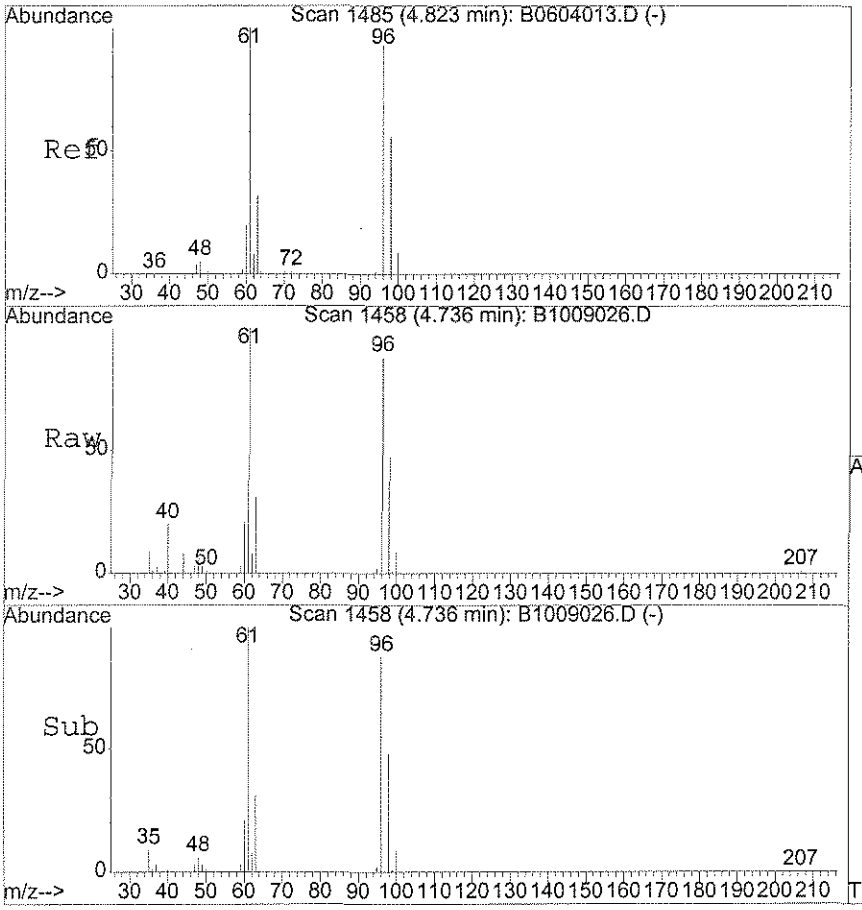


#23
1,1-Dichloroethane
Concen: 1.96 ug/l
RT: 3.85 min Scan# 1173
Delta R.T. 0.01 min
Lab File: B1009026.D
Acq: 9 Oct 2007 15:49

Tgt Ion: 63 Resp: 10361

Ion	Ratio	Lower	Upper
63	100		
65	15.0	10.2	50.2

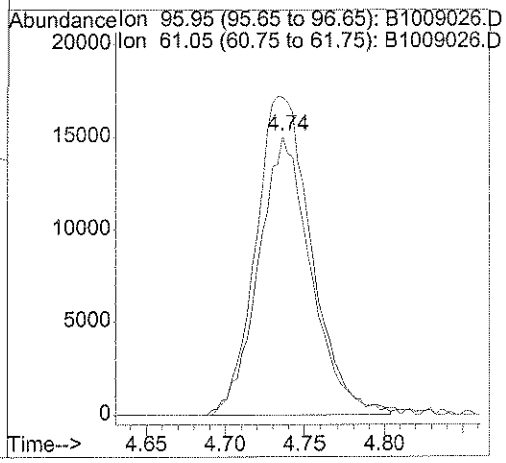


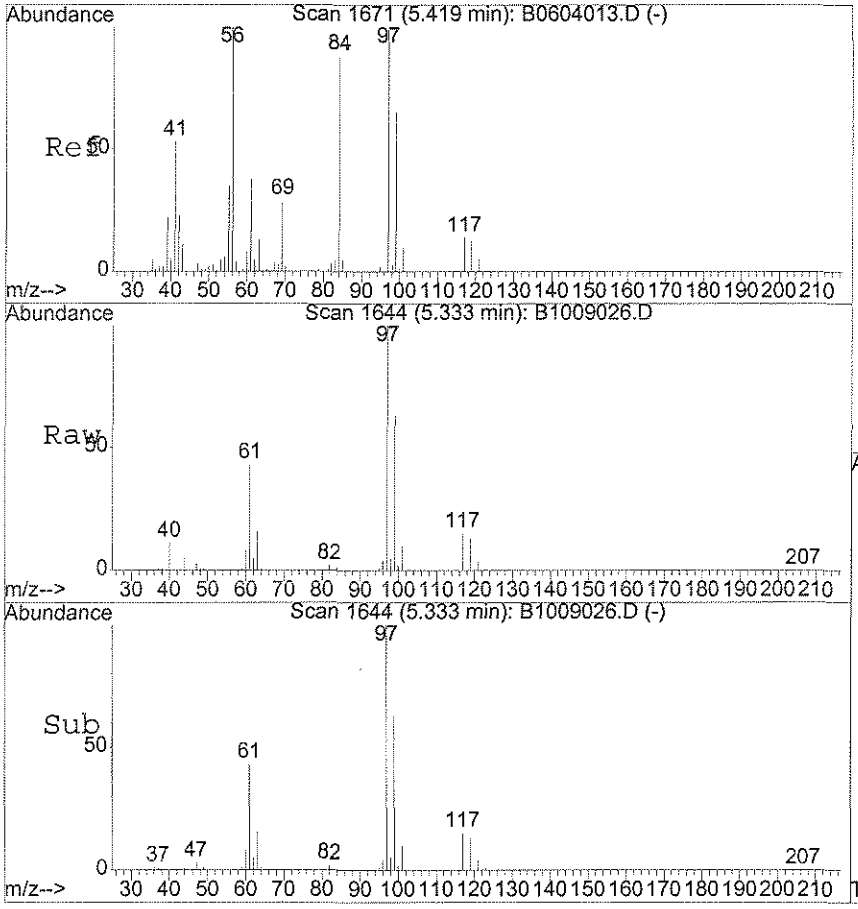


#29
cis-1,2-Dichloroethene
Concen: 9.93 ug/l
RT: 4.74 min Scan# 1458
Delta R.T. 0.00 min
Lab File: B1009026.D
Acq: 9 Oct 2007 15:49

Tgt Ion: 96 Resp: 34575

Ion	Ratio	Lower	Upper
96	100		
61	121.9	107.4	161.0

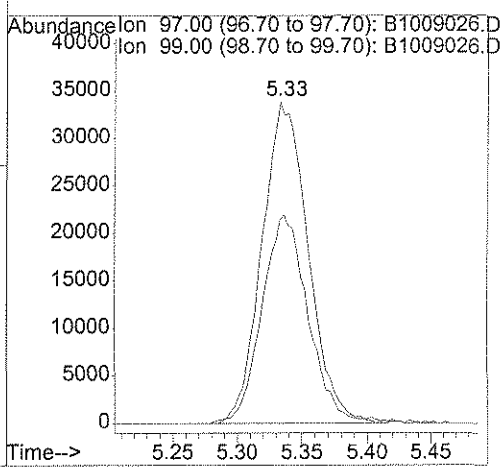


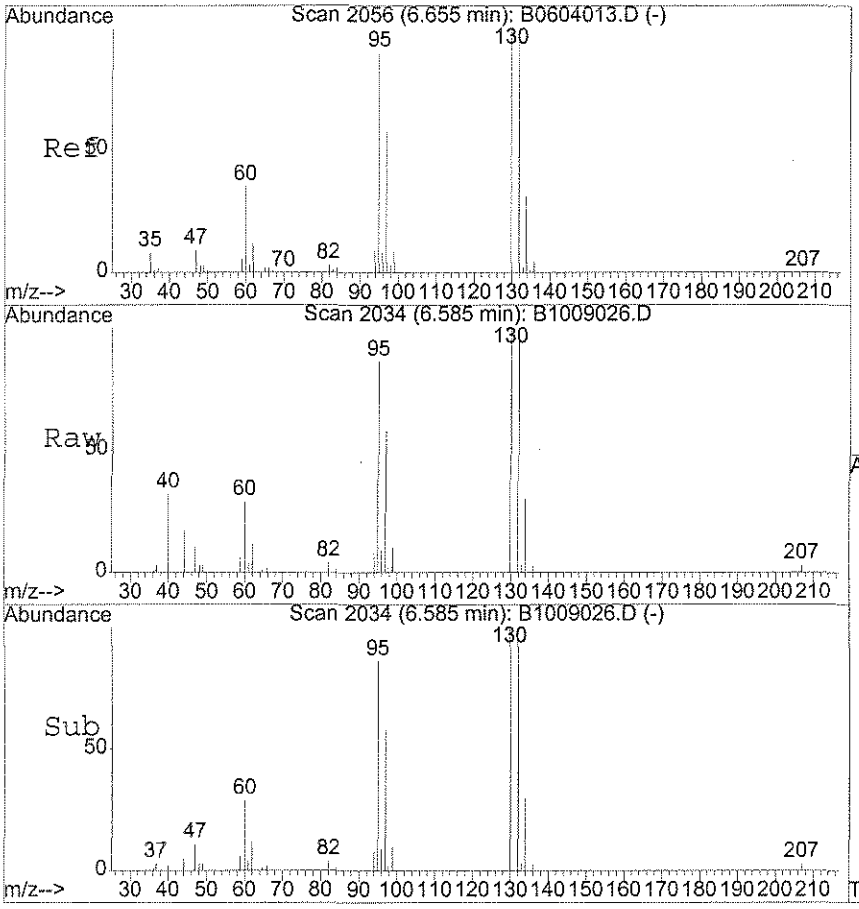


#35
1,1,1-Trichloroethane
Concen: 20.54 ug/l
RT: 5.33 min Scan# 1644
Delta R.T. 0.00 min
Lab File: B1009026.D
Acq: 9 Oct 2007 15:49

Tgt Ion: 97 Resp: 84557

Ion	Ratio	Lower	Upper
97	100		
99	64.0	40.3	80.3

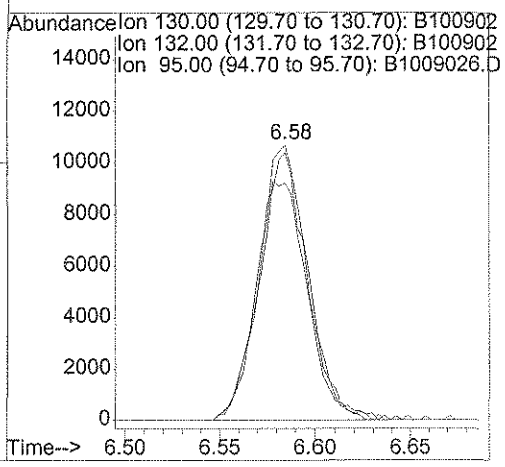




#45
Trichloroethene
Concen: 6.03 ug/l
RT: 6.58 min Scan# 2034
Delta R.T. 0.00 min
Lab File: B1009026.D
Acq: 9 Oct 2007 15:49

Tgt Ion:130 Resp: 19080

Ion	Ratio	Lower	Upper
130	100		
132	97.2	80.2	120.2
95	90.1	75.8	115.8



VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

08SSW013

Lab Name: _____ Contract: _____

SDG No.: TT02001 Run Sequence: R022318

Matrix: (SOIL/SED/WATER) Soil Lab Sample ID: TT02001-013

Sample wt/vol: 5.45 (g/mL) gm Lab File ID: B1009027.D

Level: (LOW/MED) _____ Date Collected: 10/03/2007

% Moisture: not dec. 21.0 Date/Time Analyzed: 10/09/2007 16:16

GC Column: ZB-624 20m ID: 0.18 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____(uL) Soil Aliquot Volume: _____(uL)

Heated Purge: (Y/N) Y

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/kg	Q
1330-20-7	XYLENES, TOTAL	1.2	U
75-71-8	DICHLORODIFLUOROMETHANE	1.2	U
74-87-3	CHLOROMETHANE	1.2	U
75-01-4	VINYL CHLORIDE	1.2	U
74-83-9	BROMOMETHANE	1.2	U
75-00-3	CHLOROETHANE	4.4	
75-69-4	TRICHLOROFLUOROMETHANE	1.2	U
75-35-4	1,1-DICHLOROETHENE	1.2	U
76-13-1	1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	1.2	U
67-64-1	ACETONE	14	B
75-15-0	CARBON DISULFIDE	1.2	U
79-20-9	METHYL ACETATE	1.2	U
75-09-2	METHYLENE CHLORIDE	3.1	JB
1634-04-4	METHYL TERT-BUTYL ETHER	1.2	U
156-60-5	TRANS-1,2-DICHLOROETHENE	1.2	U
75-34-3	1,1-DICHLOROETHANE	34	
156-59-2	CIS-1,2-DICHLOROETHENE	180	
78-93-3	2-BUTANONE	1.2	U
67-66-3	CHLOROFORM	1.2	U
71-55-6	1,1,1-TRICHLOROETHANE	64	
110-82-7	CYCLOHEXANE	1.2	U
56-23-5	CARBON TETRACHLORIDE	1.2	U
71-43-2	BENZENE	1.2	U
107-06-2	1,2-DICHLOROETHANE	1.2	U
79-01-6	TRICHLOROETHENE	2.6	J
108-87-2	METHYLCYCLOHEXANE	1.2	U
78-87-5	1,2-DICHLOROPROPANE	1.2	U
75-27-4	BROMODICHLOROMETHANE	1.2	U
10061-01-	CIS-1,3-DICHLOROPROPENE	1.2	U

1

VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

08SSW013

Lab Name: _____ Contract: _____

SDG No.: TT02001 Run Sequence: R022318

Matrix: (SOIL/SED/WATER) Soil Lab Sample ID: TT02001-013

Sample wt/vol: 5.45 (g/mL) gm Lab File ID: B1009027.D

Level: (LOW/MED) _____ Date Collected: 10/03/2007

% Moisture: not dec. 21.0 Date/Time Analyzed: 10/09/2007 16:16

GC Column: ZB-624 20m ID: 0.18 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____(uL) Soil Aliquot Volume: _____(uL)

Heated Purge: (Y/N) Y

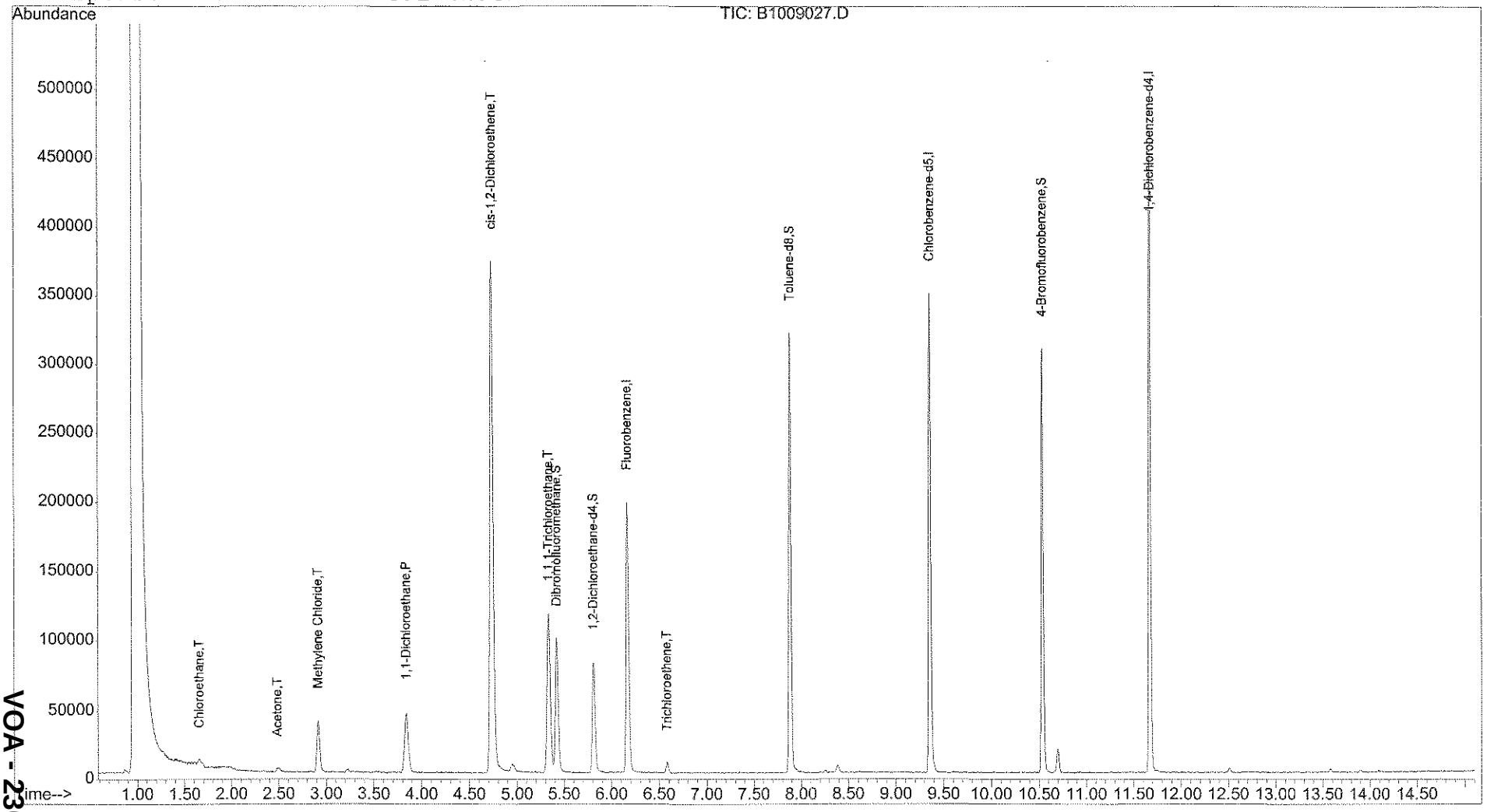
CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/kg	Q
108-10-1	4-METHYL-2-PENTANONE	1.2	U
108-88-3	TOLUENE	1.2	U
10061-02-	TRANS-1,3-DICHLOROPROPENE	1.2	U
79-00-5	1,1,2-TRICHLOROETHANE	1.2	U
127-18-4	TETRACHLOROETHENE	1.2	U
591-78-6	2-HEXANONE	1.2	U
124-48-1	DIBROMOCHLOROMETHANE	1.2	U
106-93-4	1,2-DIBROMOETHANE	1.2	U
108-90-7	CHLOROBENZENE	1.2	U
100-41-4	ETHYLBENZENE	1.2	U
179601-23	M,P-XYLENE	1.2	U
95-47-6	O-XYLENE	1.2	U
100-42-5	STYRENE	1.2	U
75-25-2	BROMOFORM	1.2	U
98-82-8	ISOPROPYLBENZENE	1.2	U
79-34-5	1,1,2,2-TETRACHLOROETHANE	1.2	U
541-73-1	1,3-DICHLOROBENZENE	1.2	U
106-46-7	1,4-DICHLOROBENZENE	1.2	U
95-50-1	1,2-DICHLOROBENZENE	1.2	U
96-12-8	1,2-DIBROMO-3-CHLOROPROPANE	1.2	U
120-82-1	1,2,4-TRICHLOROBENZENE	1.2	U

Comments:

Quantitation Report

Data File : X:\MSVOA\BUDDHA\100907\B1009027.D Vial: 21
Acq On : 9 Oct 2007 16:16 Operator: LPM
Sample : TT02001-013 Inst : Buddha
Misc : #2 5.45GM+ 5ML PFW+IS/SS Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Oct 10 5:44 2007 Quant Results File: B8260S.RES

Method : X:\MSVOA\BUDDHA\QUANT\B8260S.M (RTE Integrator)
Title : VOA 8260- 5ML Soil Calibration 5973B
Last Update : Fri Sep 28 16:30:36 2007
Response via : Initial Calibration



VOA - 230

Quantitation Report

Data File : X:\MSVOA\BUDDHA\100907\B1009027.D Vial: 21
Acq On : 9 Oct 2007 16:16 Operator: LPM
Sample : TT02001-013 Inst : Buddha
Misc : #2 5.45GM+ 5ML PFW+IS/SS Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Oct 10 5:44 2007 Quant Results File: B8260S.RES

Quant Method : X:\MSVOA\BUDDHA\QUANT\B8260S.M (RTE Integrator)
Title : VOA 8260- 5ML Soil Calibration 5973B
Last Update : Fri Sep 28 16:30:36 2007
Response via : Initial Calibration
DataAcq Meth : 8260
IS QA File : X:\MSVOA\BUDDHA\092807\B0928013.D (28 Sep 2007 12:55)

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min) Rcv(Ar)
1) Fluorobenzene	6.17	96	186369	50.00 ug/l	0.00 29.81%
54) Chlorobenzene-d5	9.36	117	197091	50.00 ug/l	0.00 39.08%
74) 1,4-Dichlorobenzene-d4	11.67	152	119262	50.00 ug/l	0.00 36.00%

System Monitoring Compounds					
37) Dibromofluoromethane	5.42	111	66909	63.63 ug/l	0.00
Spiked Amount 50.000	Range 65 - 135		Recovery = 127.26%		
40) 1,2-Dichloroethane-d4	5.81	65	58269	62.05 ug/l	0.00
Spiked Amount 50.000	Range 52 - 149		Recovery = 124.10%		
55) Toluene-d8	7.88	98	205396	45.93 ug/l	0.00
Spiked Amount 50.000	Range 85 - 115		Recovery = 91.86%		
76) 4-Bromofluorobenzene	10.54	95	90304	48.16 ug/l	0.00
Spiked Amount 50.000	Range 85 - 120		Recovery = 96.32%		

Target Compounds					Qvalue
2) Dichlorodifluoromethane	0.00	85	0	N.D.	
3) Chloromethane	0.00	50	0	N.D.	
4) Vinyl Chloride	1.31	62	740	N.D.	
5) Bromomethane	1.54	96	69	N.D.	
6) Chloroethane	1.65	64	2787	3.81 ug/l	95
7) Trichlorofluoromethane	1.85	101	32	N.D.	
8) Acrolein	2.30	56	30	Below Cal #	13
9) 1,1-Dichloroethene	2.33	96	123	N.D.	
10) 1,1,2-Trichloro-1,2,2-trif	0.00	101	0	N.D.	
11) Acetone	2.49	43	5098	12.06 ug/l #	86
12) Iodomethane	0.00	142	0	N.D.	
13) Bromoethane	0.00	108	0	N.D.	
14) Carbon Disulfide	2.54	76	162	N.D.	
15) Allyl chloride	0.00	76	0	N.D.	
16) Acetonitrile	2.83	41	159	N.D.	
17) Methyl Acetate	0.00	43	0	N.D.	
18) Methylene Chloride	2.92	84	19426	2.64 ug/l	95
19) trans-1,2-Dichloroethene	3.21	96	521	N.D.	
20) t-Butyl alcohol	3.21	59	37	N.D.	
21) Methyl tert-butyl ether	0.00	73	0	N.D.	
22) Acrylonitrile	0.00	53	0	N.D.	

(#) = qualifier out of range (m) = manual integration
B1009027.D B8260S.M Wed Oct 10 08:07:57 2007

Quantitation Report

Data File : X:\MSVOA\BUDDHA\100907\B1009027.D Vial: 21
Acq On : 9 Oct 2007 16:16 Operator: LPM
Sample : TT02001-013 Inst : Buddha
Misc : #2 5.45GM+ 5ML PFW+IS/SS Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Oct 10 5:44 2007 Quant Results File: B8260S.RES

Quant Method : X:\MSVOA\BUDDHA\QUANT\B8260S.M (RTE Integrator)
Title : VOA 8260- 5ML Soil Calibration 5973B
Last Update : Fri Sep 28 16:30:36 2007
Response via : Initial Calibration
DataAcq Meth : 8260

	Compound	R.T.	QIon	Response	Conc Unit	Qvalue
23)	1,1-Dichloroethane	3.84	63	61049	29.00 ug/l	98
24)	Chloroprene	0.00	53	0	N.D.	
25)	Isopropyl ether	0.00	45	0	N.D.	
26)	Vinyl acetate	0.00	43	0	N.D.	
27)	Ethyl-t-butyl ether	0.00	59	0	N.D.	
28)	2,2-Dichloropropane	0.00	77	0	N.D.	
29)	cis-1,2-Dichloroethene	4.74	96	217641	157.12 ug/l	90
30)	2-Butanone	4.87	43	30	N.D.	
31)	Propionitrile	0.00	54	0	N.D.	
32)	Bromochloromethane	0.00	128	0	N.D.	
33)	Methacrylonitrile	5.23	41	62	N.D.	
34)	Chloroform	5.21	83	147	N.D.	
35)	1,1,1-Trichloroethane	5.34	97	90876	55.47 ug/l	96
36)	Cyclohexane	0.00	56	0	N.D.	
38)	Carbon Tetrachloride	0.00	117	0	N.D.	
39)	1,1-Dichloropropene	5.45	75	29	N.D.	
41)	Benzene	5.81	78	293	N.D.	
42)	1,2-Dichloroethane	0.00	62	0	N.D.	
43)	t-Amyl methyl ether	0.00	73	0	N.D.	
44)	Isobutanol	0.00	43	0	N.D.	
45)	Trichloroethene	6.58	130	2848	2.26 ug/l	96
46)	Methylcyclohexane	0.00	83	0	N.D.	
47)	1,2-Dichloropropane	0.00	63	0	N.D.	
48)	Dibromomethane	0.00	93	0	N.D.	
49)	Methyl methacrylate	0.00	41	0	N.D.	
50)	Bromodichloromethane	0.00	83	0	N.D.	
51)	2-Chloroethyl vinyl ether	0.00	63	0	N.D.	
52)	cis-1,3-Dichloropropene	0.00	75	0	N.D.	
53)	4-Methyl-2-pentanone	7.86	43	69	N.D.	
56)	Toluene	7.95	92	107	N.D.	
57)	trans-1,3-Dichloropropene	0.00	75	0	N.D.	
58)	Ethyl methacrylate	0.00	69	0	N.D.	
59)	1,1,2-Trichloroethane	0.00	97	0	N.D.	
60)	Tetrachloroethene	0.00	166	0	N.D.	
61)	1,3-Dichloropropane	0.00	76	0	N.D.	
62)	2-Hexanone	8.62	43	536	N.D.	
63)	Dibromochloromethane	0.00	129	0	N.D.	
64)	1,2-Dibromoethane	0.00	107	0	N.D.	
65)	1-Chlorohexane	9.36	91	199	N.D.	
66)	Chlorobenzene	0.00	112	0	N.D.	
67)	1,1,1,2-Tetrachloroethane	0.00	131	0	N.D.	

(#) = qualifier out of range (m) = manual integration

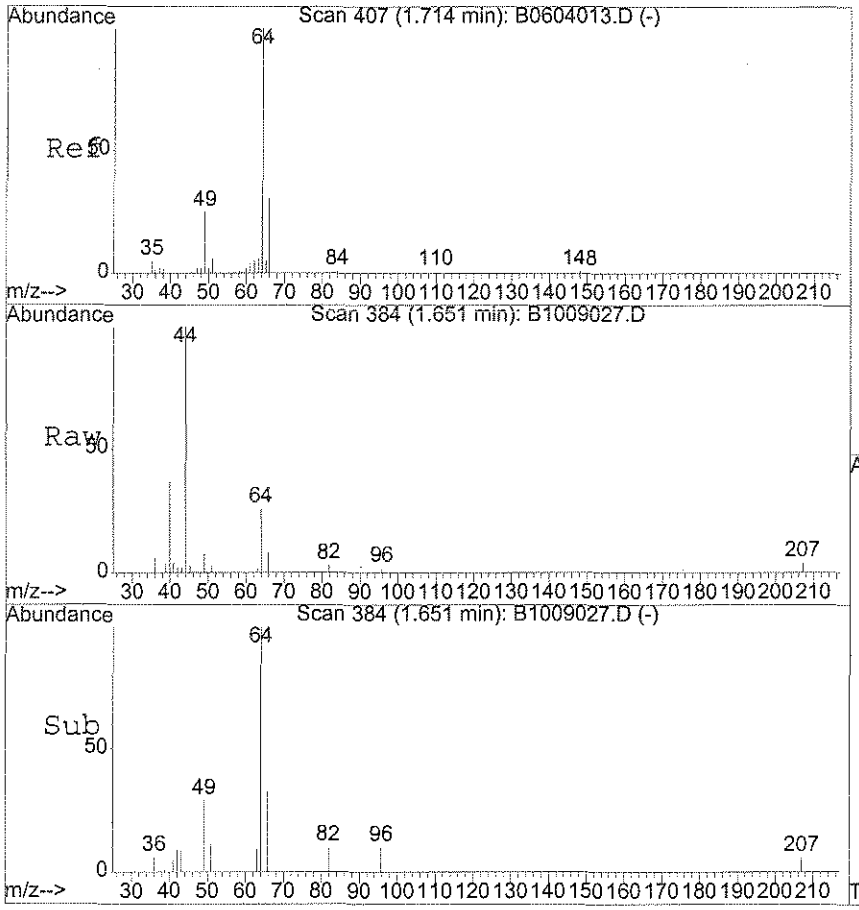
Quantitation Report

Data File : X:\MSVOA\BUDDHA\100907\B1009027.D Vial: 21
Acq On : 9 Oct 2007 16:16 Operator: LPM
Sample : TT02001-013 Inst : Buddha
Misc : #2 5.45GM+ 5ML PFW+IS/SS Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Oct 10 5:44 2007 Quant Results File: B8260S.RES

Quant Method : X:\MSVOA\BUDDHA\QUANT\B8260S.M (RTE Integrator)
Title : VOA 8260- 5ML Soil Calibration 5973B
Last Update : Fri Sep 28 16:30:36 2007
Response via : Initial Calibration
DataAcq Meth : 8260

	Compound	R.T.	QIon	Response	Conc Unit	Qvalue
68)	Ethylbenzene	9.37	91	43	N.D.	
69)	m,p-Xylene	9.59	106	131	N.D.	
70)	o-xylene	0.00	106	0	N.D.	
71)	Styrene	0.00	104	0	N.D.	
72)	Bromoform	0.00	173	0	N.D.	
73)	Isopropylbenzene	10.54	105	72	N.D.	
75)	trans-1,4-Dichloro-2-buten	0.00	53	0	N.D.	
77)	Bromobenzene	0.00	156	0	N.D.	
78)	1,1,2,2-Tetrachloroethane	0.00	83	0	N.D.	
79)	1,2,3-Trichloropropane	0.00	110	0	N.D.	
80)	n-Propylbenzene	0.00	120	0	N.D.	
81)	2-Chlorotoluene	0.00	91	0	N.D.	
82)	4-Chlorotoluene	0.00	91	0	N.D.	
83)	1,3,5-Trimethylbenzene	10.94	105	32	N.D.	
84)	tert-Butylbenzene	0.00	119	0	N.D.	
85)	1,2,4-Trimethylbenzene	11.31	105	114	N.D.	
86)	sec-butylbenzene	11.31	105	114	N.D.	
87)	1,3-Dichlorobenzene	11.60	146	131	N.D.	
88)	4-Isopropyltoluene	0.00	119	0	N.D.	
89)	1,4-Dichlorobenzene	11.70	146	208	N.D.	
90)	1,2-Dichlorobenzene	12.07	146	110	N.D.	
91)	n-Butylbenzene	0.00	91	0	N.D.	
92)	1,2-Dibromo-3-chloropropan	0.00	75	0	N.D.	
93)	1,2,4-Trichlorobenzene	13.64	180	82	N.D.	
94)	Hexachlorobutadiene	0.00	225	0	N.D.	
95)	Naphthalene	13.90	128	747	N.D.	
96)	1,2,3-Trichlorobenzene	14.13	180	63	N.D.	

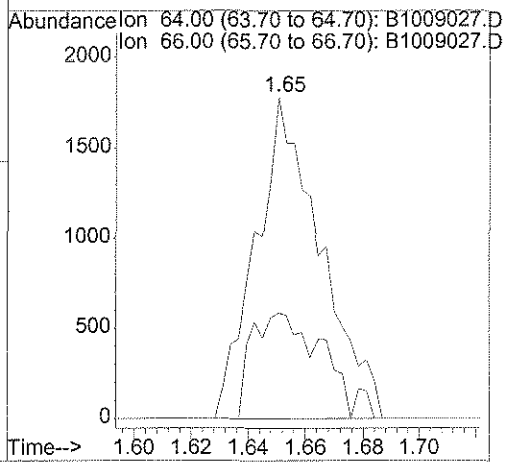
(#) = qualifier out of range (m) = manual integration

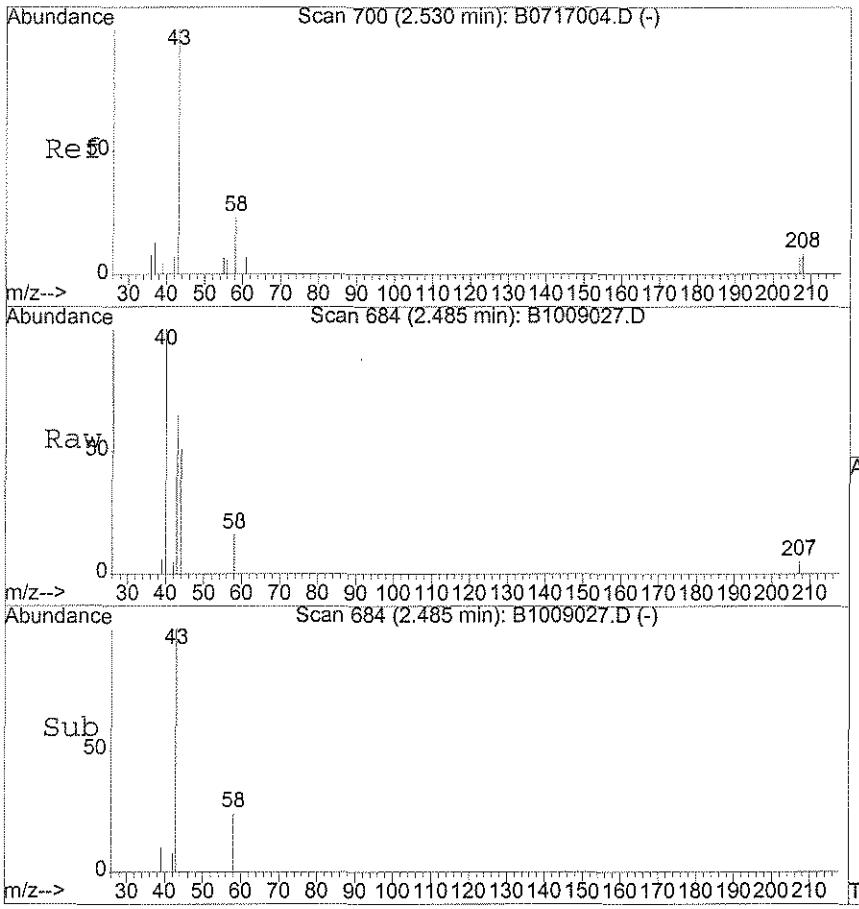


#6
Chloroethane
Concen: 3.81 ug/l
RT: 1.65 min Scan# 384
Delta R.T. 0.00 min
Lab File: B1009027.D
Acq: 9 Oct 2007 16:16

Tgt Ion: 64 Resp: 2787

Ion	Ratio	Lower	Upper
64	100		
66	34.6	11.6	51.6

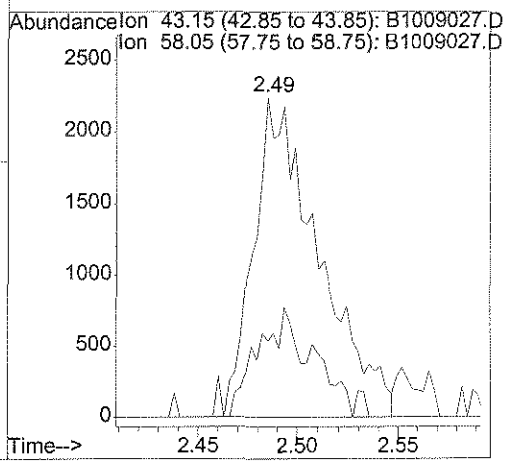


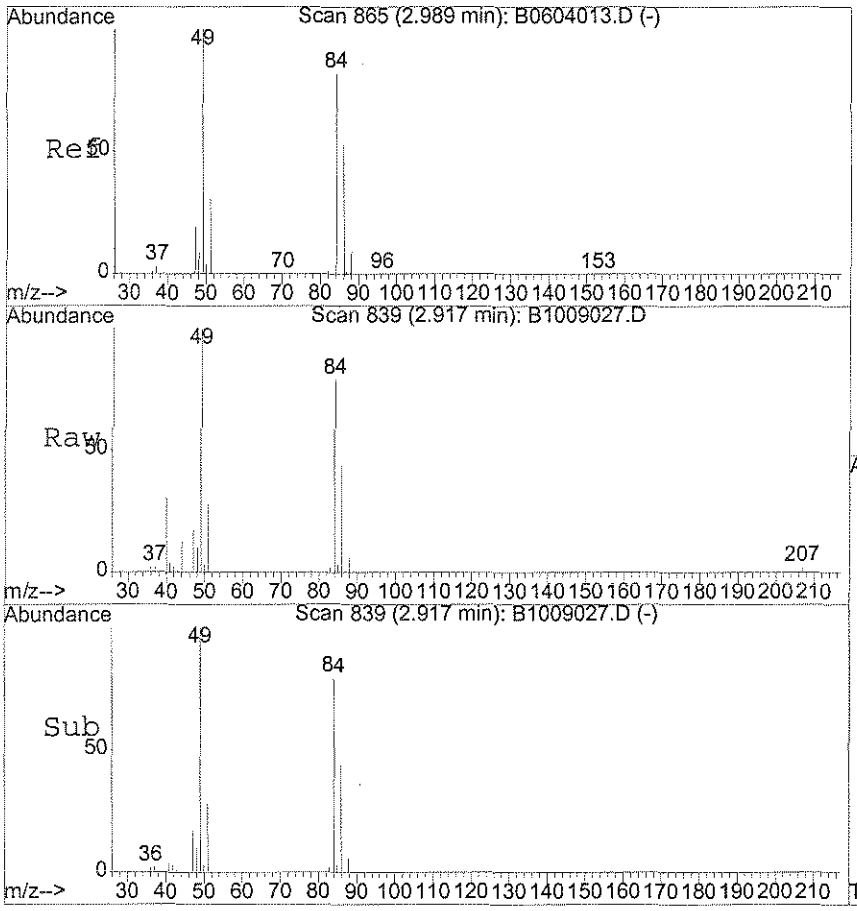


#11
Acetone
Concen: 12.06 ug/l
RT: 2.49 min Scan# 684
Delta R.T. 0.01 min
Lab File: B1009027.D
Acq: 9 Oct 2007 16:16

Tgt Ion: 43 Resp: 5098

Ion	Ratio	Lower	Upper
43	100		
58	20.1	22.0	33.0#

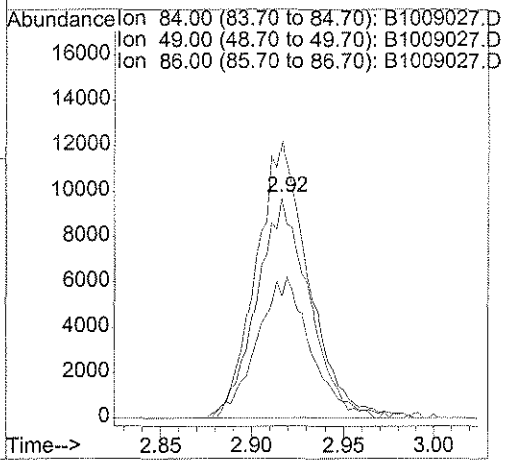


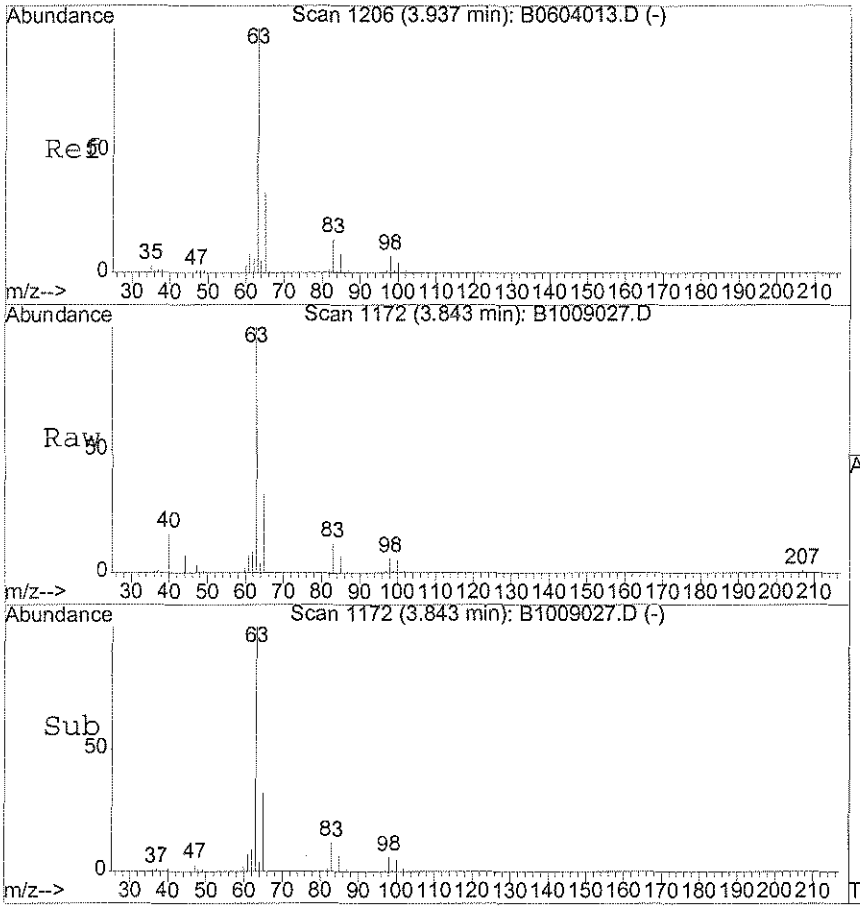


#18
Methylene Chloride
Concen: 2.64 ug/l
RT: 2.92 min Scan# 839
Delta R.T. 0.01 min
Lab File: B1009027.D
Acq: 9 Oct 2007 16:16

Tgt Ion: 84 Resp: 19426

Ion	Ratio	Lower	Upper
84	100		
49	126.1	113.6	153.6
86	64.5	45.8	85.8

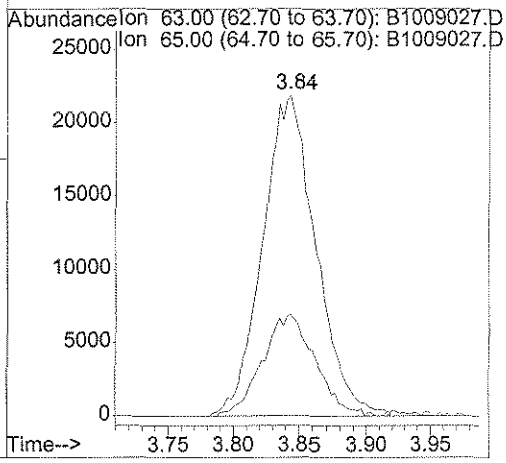


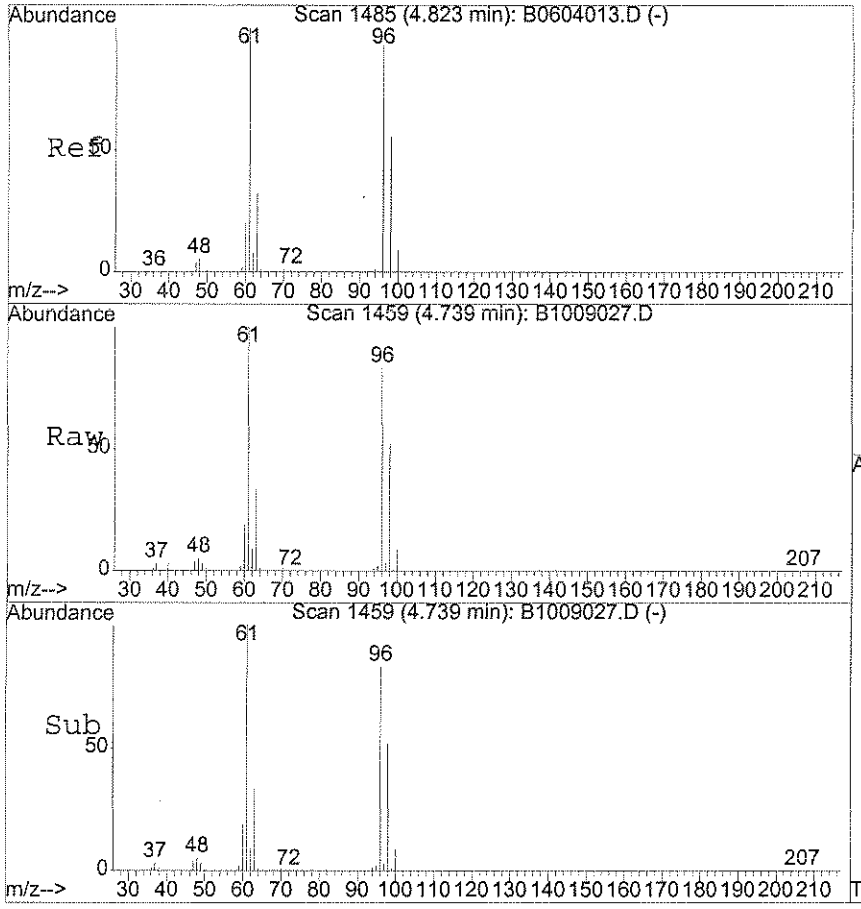


#23
1,1-Dichloroethane
Concen: 29.00 ug/l
RT: 3.84 min Scan# 1172
Delta R.T. 0.01 min
Lab File: B1009027.D
Acq: 9 Oct 2007 16:16

Tgt Ion: 63 Resp: 61049

Ion	Ratio	Lower	Upper
63	100		
65	31.4	10.2	50.2

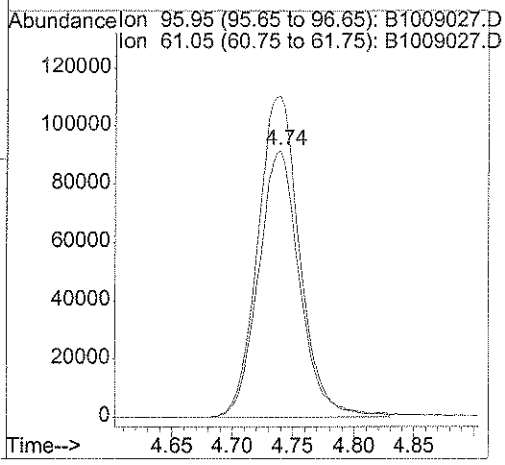


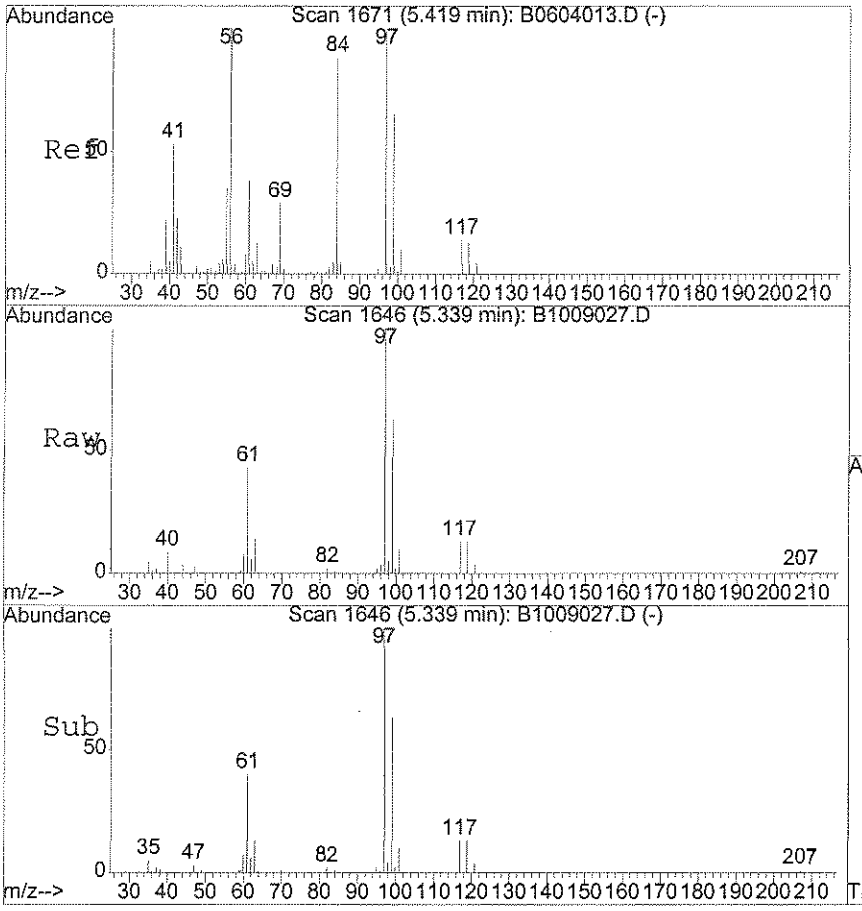


#29
cis-1,2-Dichloroethene
Concen: 157.12 ug/l
RT: 4.74 min Scan# 1459
Delta R.T. 0.00 min
Lab File: B1009027.D
Acq: 9 Oct 2007 16:16

Tgt Ion: 96 Resp: 217641

Ion	Ratio	Lower	Upper
96	100		
61	122.8	107.4	161.0

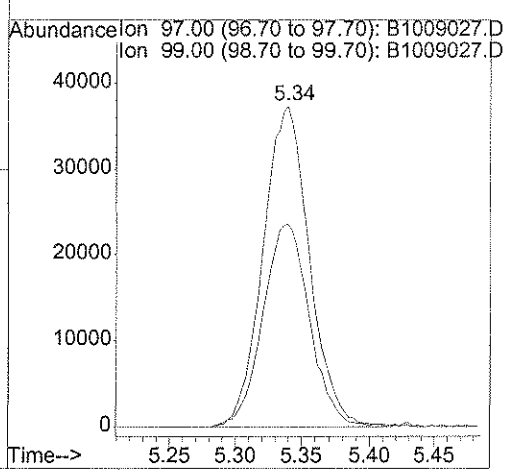


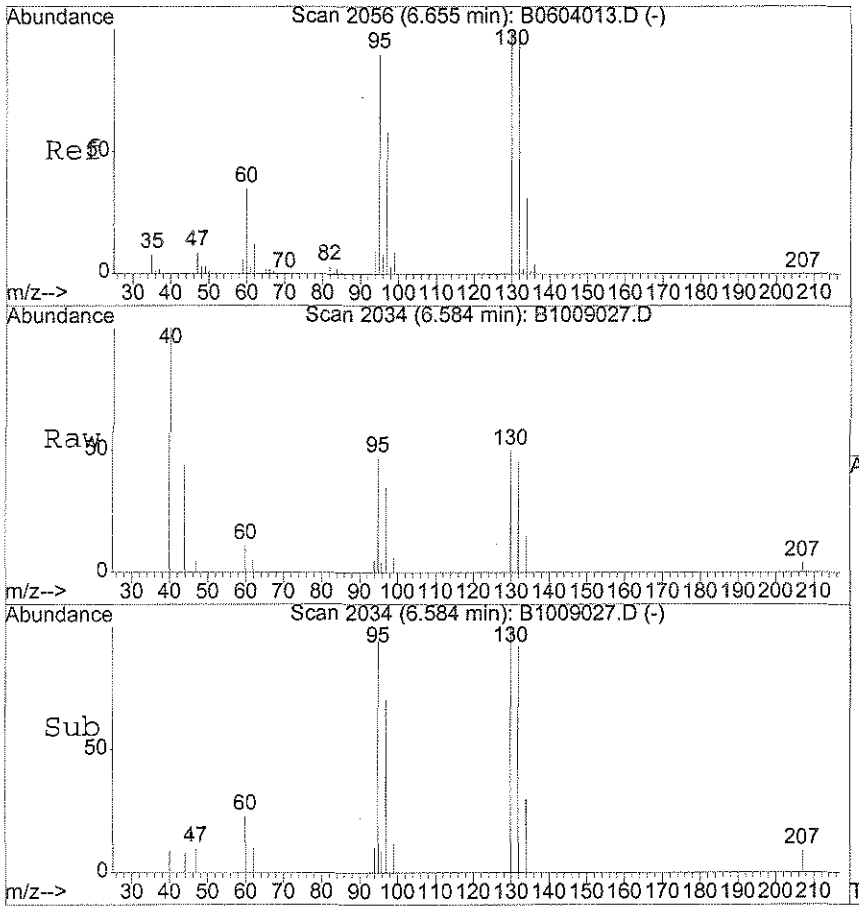


#35
1,1,1-Trichloroethane
Concen: 55.47 ug/l
RT: 5.34 min Scan# 1646
Delta R.T. 0.01 min
Lab File: B1009027.D
Acq: 9 Oct 2007 16:16

Tgt Ion: 97 Resp: 90876

Ion	Ratio	Lower	Upper
97	100		
99	63.4	40.3	80.3

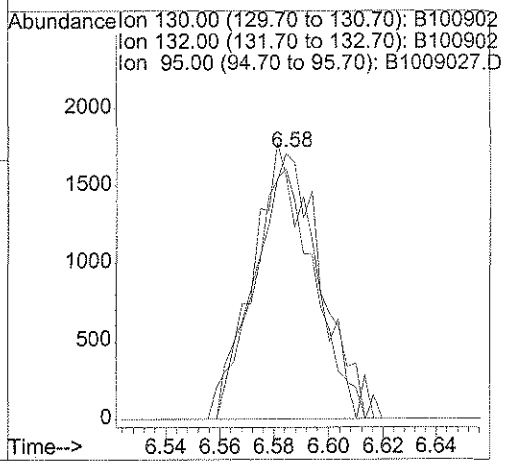




#45
Trichloroethene
Concen: 2.26 ug/l
RT: 6.58 min Scan# 2034
Delta R.T. 0.00 min
Lab File: B1009027.D
Acq: 9 Oct 2007 16:16

Tgt Ion:130 Resp: 2848

Ion	Ratio	Lower	Upper
130	100		
132	100.5	80.2	120.2
95	88.5	75.8	115.8



VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

08SSW013RE

Lab Name: _____ Contract: _____

SDG No.: TT02001 Run Sequence: R022374

Matrix: (SOIL/SED/WATER) Soil Lab Sample ID: TT02001-013RE

Sample wt/vol: 5.97 (g/mL) gm Lab File ID: B1010015.D

Level: (LOW/MED) _____ Date Collected: 10/03/2007

% Moisture: not dec. 21.0 Date/Time Analyzed: 10/10/2007 11:54

GC Column: ZB-624 20m ID: 0.18 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____(uL) Soil Aliquot Volume: _____(uL)

Heated Purge: (Y/N) Y

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/kg	Q
1330-20-7	XYLENES, TOTAL	1.1	U
75-71-8	DICHLORODIFLUOROMETHANE	1.1	U
74-87-3	CHLOROMETHANE	1.1	U
75-01-4	VINYL CHLORIDE	1.1	U
74-83-9	BROMOMETHANE	1.1	U
75-00-3	CHLOROETHANE	1.1	U
75-69-4	TRICHLOROFLUOROMETHANE	1.1	U
75-35-4	1,1-DICHLOROETHENE	1.1	U
76-13-1	1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	1.1	U
67-64-1	ACETONE	7.8	JB
75-15-0	CARBON DISULFIDE	1.1	U
79-20-9	METHYL ACETATE	1.1	U
75-09-2	METHYLENE CHLORIDE	14	B
1634-04-4	METHYL TERT-BUTYL ETHER	1.1	U
156-60-5	TRANS-1,2-DICHLOROETHENE	1.1	U
75-34-3	1,1-DICHLOROETHANE	23	
156-59-2	CIS-1,2-DICHLOROETHENE	140	
78-93-3	2-BUTANONE	1.1	U
67-66-3	CHLOROFORM	1.1	U
71-55-6	1,1,1-TRICHLOROETHANE	47	
110-82-7	CYCLOHEXANE	1.1	U
56-23-5	CARBON TETRACHLORIDE	1.1	U
71-43-2	BENZENE	1.1	U
107-06-2	1,2-DICHLOROETHANE	1.1	U
79-01-6	TRICHLOROETHENE	1.5	J
108-87-2	METHYLCYCLOHEXANE	1.1	U
78-87-5	1,2-DICHLOROPROPANE	1.1	U
75-27-4	BROMODICHLOROMETHANE	1.1	U
10061-01-	CIS-1,3-DICHLOROPROPENE	1.1	U

1

VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

08SSW013RE

Lab Name: _____ Contract: _____

SDG No.: TT02001 Run Sequence: R022374

Matrix: (SOIL/SED/WATER) Soil Lab Sample ID: TT02001-013RE

Sample wt/vol: 5.97 (g/mL) gm Lab File ID: B1010015.D

Level: (LOW/MED) _____ Date Collected: 10/03/2007

% Moisture: not dec. 21.0 Date/Time Analyzed: 10/10/2007 11:54

GC Column: ZB-624 20m ID: 0.18 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____(uL) Soil Aliquot Volume: _____(uL)

Heated Purge: (Y/N) Y

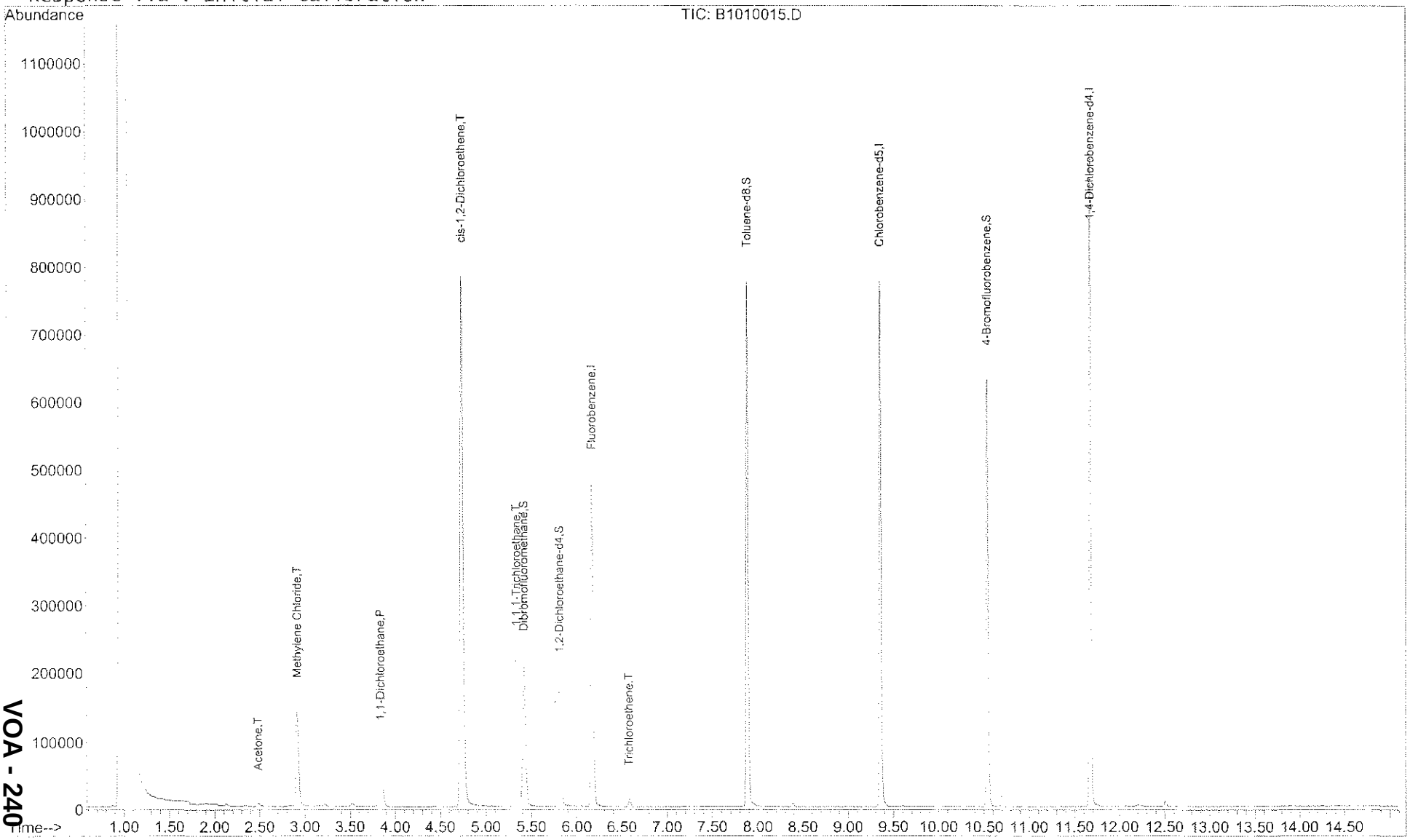
CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/kg	Q
108-10-1	4-METHYL-2-PENTANONE	1.1	U
108-88-3	TOLUENE	1.1	U
10061-02-	TRANS-1,3-DICHLOROPROPENE	1.1	U
79-00-5	1,1,2-TRICHLOROETHANE	1.1	U
127-18-4	TETRACHLOROETHENE	1.1	U
591-78-6	2-HEXANONE	1.1	U
124-48-1	DIBROMOCHLOROMETHANE	1.1	U
106-93-4	1,2-DIBROMOETHANE	1.1	U
108-90-7	CHLOROBENZENE	1.1	U
100-41-4	ETHYLBENZENE	1.1	U
179601-23	M,P-XYLENE	1.1	U
95-47-6	O-XYLENE	1.1	U
100-42-5	STYRENE	1.1	U
75-25-2	BROMOFORM	1.1	U
98-82-8	ISOPROPYLBENZENE	1.1	U
79-34-5	1,1,2,2-TETRACHLOROETHANE	1.1	U
541-73-1	1,3-DICHLOROBENZENE	1.1	U
106-46-7	1,4-DICHLOROBENZENE	1.1	U
95-50-1	1,2-DICHLOROBENZENE	1.1	U
96-12-8	1,2-DIBROMO-3-CHLOROPROPANE	1.1	U
120-82-1	1,2,4-TRICHLOROBENZENE	1.1	U

Comments:

Quantitation Report

Data File : X:\MSVOA\BUDDHA\101007\B1010015.D Vial: 11
Acq On : 10 Oct 2007 11:54 Operator: LPM
Sample : TT02001-013RE Inst : Buddha
Misc : #3 5.97G+ 5ML+IS/SS Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Oct 11 13:33 2007 Quant Results File: B8260S.RES

Method : X:\MSVOA\BUDDHA\QUANT\B8260S.M (RTE Integrator)
Title : VOA 8260- 5ML Soil Calibration 5973B
Last Update : Fri Sep 28 16:30:36 2007
Response via : Initial Calibration



Quantitation Report

Data File : X:\MSVOA\BUDDHA\101007\B1010015.D Vial: 11
Acq On : 10 Oct 2007 11:54 Operator: LPM
Sample : TT02001-013RE Inst : Buddha
Misc : #3 5.97G+ 5ML+IS/SS Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Oct 11 13:33 2007 Quant Results File: B8260S.RES

Quant Method : X:\MSVOA\BUDDHA\QUANT\B8260S.M (RTE Integrator)
Title : VOA 8260- 5ML Soil Calibration 5973B
Last Update : Fri Sep 28 16:30:36 2007
Response via : Initial Calibration
DataAcq Meth : 8260
IS QA File : X:\MSVOA\BUDDHA\092807\B0928013.D (28 Sep 2007 12:55)

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min) Rcv(Ar)
1) Fluorobenzene	6.17	96	453886	50.00 ug/l	0.00 72.61%
54) Chlorobenzene-d5	9.36	117	420128	50.00 ug/l	0.00 83.31%
74) 1,4-Dichlorobenzene-d4	11.67	152	247910	50.00 ug/l	0.00 74.83%

System Monitoring Compounds					
37) Dibromofluoromethane	5.42	111	144338	56.36 ug/l	0.00
Spiked Amount 50.000	Range 65 - 135		Recovery = 112.72%		
40) 1,2-Dichloroethane-d4	5.81	65	123526	54.01 ug/l	0.00
Spiked Amount 50.000	Range 52 - 149		Recovery = 108.02%		
55) Toluene-d8	7.88	98	486965	51.08 ug/l	0.00
Spiked Amount 50.000	Range 85 - 115		Recovery = 102.16%		
76) 4-Bromofluorobenzene	10.53	95	189139	48.53 ug/l	0.00
Spiked Amount 50.000	Range 85 - 120		Recovery = 97.06%		

Target Compounds					Qvalue
2) Dichlorodifluoromethane	1.09	85	29	N.D.	
3) Chloromethane	1.22	50	26	N.D.	
4) Vinyl Chloride	1.32	62	55	N.D.	
5) Bromomethane	1.57	96	25	N.D.	
6) Chloroethane	1.66	64	602	N.D.	
7) Trichlorofluoromethane	1.85	101	333	N.D.	
8) Acrolein	2.30	56	36	Below Cal	99
9) 1,1-Dichloroethene	2.33	96	451	N.D.	
10) 1,1,2-Trichloro-1,2,2-trif	0.00	101	0	N.D.	
11) Acetone	2.48	43	7534	7.32 ug/l #	87
12) Iodomethane	0.00	142	0	N.D.	
13) Bromoethane	0.00	108	0	N.D.	
14) Carbon Disulfide	2.52	76	27	N.D.	
15) Allyl chloride	0.00	76	0	N.D.	
16) Acetonitrile	0.00	41	0	N.D. d	
17) Methyl Acetate	2.83	43	259	N.D.	
18) Methylene Chloride	2.91	84	77321	12.93 ug/l	93
19) trans-1,2-Dichloroethene	3.22	96	1429	N.D.	
20) t-Butyl alcohol	0.00	59	0	N.D.	
21) Methyl tert-butyl ether	3.23	73	33	N.D.	
22) Acrylonitrile	0.00	53	0	N.D.	
23) 1,1-Dichloroethane	3.84	63	109075	21.28 ug/l	96
24) Chloroprene	0.00	53	0	N.D.	
25) Isopropyl ether	0.00	45	0	N.D.	
26) Vinyl acetate	0.00	43	0	N.D.	
27) Ethyl-t-butyl ether	0.00	59	0	N.D.	
28) 2,2-Dichloropropane	0.00	77	0	N.D.	
29) cis-1,2-Dichloroethene	4.74	96	453042	134.30 ug/l	90
30) 2-Butanone	4.89	43	29	N.D.	
31) Propionitrile	0.00	54	0	N.D.	
32) Bromochloromethane	0.00	128	0	N.D.	
33) Methacrylonitrile	0.00	41	0	N.D.	
34) Chloroform	5.22	83	796	N.D.	
35) 1,1,1-Trichloroethane	5.34	97	175306	43.94 ug/l	93
36) Cyclohexane	5.41	56	33	N.D.	

(#) = qualifier out of range (m) = manual integration

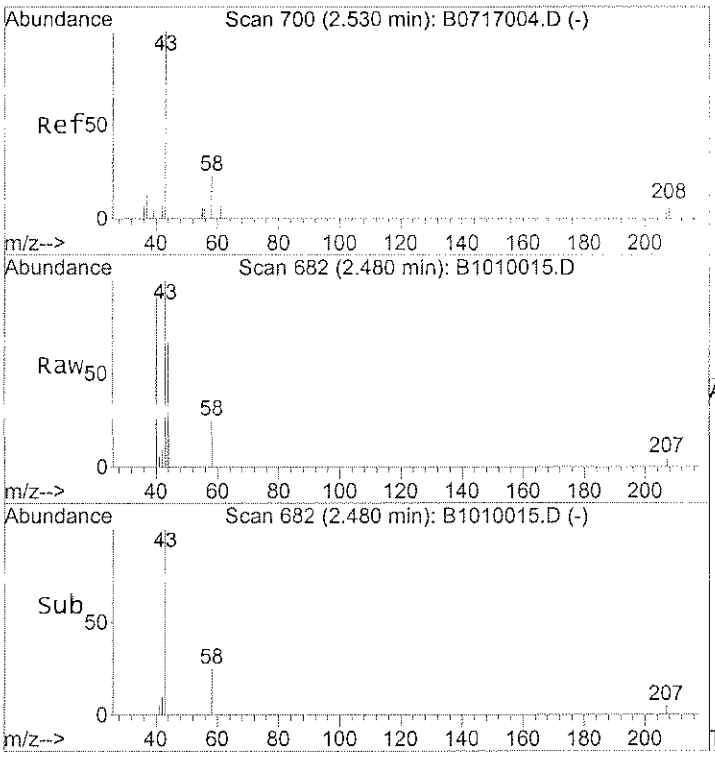
Quantitation Report

Data File : X:\MSVOA\BUDDHA\101007\B1010015.D Vial: 11
Acq On : 10 Oct 2007 11:54 Operator: LPM
Sample : TT02001-013RE Inst : Buddha
Misc : #3 5.97G+ 5ML+IS/SS Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Oct 11 13:33 2007 Quant Results File: B8260S.RES

Quant Method : X:\MSVOA\BUDDHA\QUANT\B8260S.M (RTE Integrator)
Title : VOA 8260- 5ML Soil Calibration 5973B
Last Update : Fri Sep 28 16:30:36 2007
Response via : Initial Calibration
DataAcq Meth : 8260

Compound	R.T.	QIon	Response	Conc Unit	Qvalue
38) Carbon Tetrachloride	0.00	117	0	N.D.	
39) 1,1-Dichloropropene	0.00	75	0	N.D.	
41) Benzene	5.81	78	507	N.D.	
42) 1,2-Dichloroethane	5.90	62	352	N.D.	
43) t-Amyl methyl ether	0.00	73	0	N.D.	
44) Isobutanol	6.05	43	29	N.D.	
45) Trichloroethene	6.58	130	4302	1.40 ug/l	96
46) Methylcyclohexane	0.00	83	0	N.D.	
47) 1,2-Dichloropropane	0.00	63	0	N.D.	
48) Dibromomethane	0.00	93	0	N.D.	
49) Methyl methacrylate	7.00	41	37	N.D.	
50) Bromodichloromethane	0.00	83	0	N.D.	
51) 2-Chloroethyl vinyl ether	0.00	63	0	N.D.	
52) cis-1,3-Dichloropropene	0.00	75	0	N.D.	
53) 4-Methyl-2-pentanone	7.88	43	2108	N.D.	
56) Toluene	7.95	92	985	N.D.	
57) trans-1,3-Dichloropropene	0.00	75	0	N.D.	
58) Ethyl methacrylate	0.00	69	0	N.D.	
59) 1,1,2-Trichloroethane	8.39	97	30	N.D.	
60) Tetrachloroethene	0.00	166	0	N.D.	
61) 1,3-Dichloropropane	0.00	76	0	N.D.	
62) 2-Hexanone	8.71	43	40	N.D.	
63) Dibromochloromethane	0.00	129	0	N.D.	
64) 1,2-Dibromoethane	0.00	107	0	N.D.	
65) 1-Chlorohexane	9.35	91	711	N.D.	
66) Chlorobenzene	9.39	112	74	N.D.	
67) 1,1,1,2-Tetrachloroethane	0.00	131	0	N.D.	
68) Ethylbenzene	9.60	91	884	N.D.	
69) m,p-Xylene	9.60	106	406	N.D.	
70) o-xylene	0.00	106	0	N.D.	
71) Styrene	10.02	104	166	N.D.	
72) Bromoform	0.00	173	0	N.D.	
73) Isopropylbenzene	10.36	105	30	N.D.	
75) trans-1,4-Dichloro-2-buten	0.00	53	0	N.D.	
77) Bromobenzene	0.00	156	0	N.D.	
78) 1,1,2,2-Tetrachloroethane	0.00	83	0	N.D.	
79) 1,2,3-Trichloropropane	0.00	110	0	N.D.	
80) n-Propylbenzene	0.00	120	0	N.D.	
81) 2-Chlorotoluene	10.86	91	115	N.D.	
82) 4-Chlorotoluene	10.97	91	249	N.D.	
83) 1,3,5-Trimethylbenzene	10.94	105	101	N.D.	
84) tert-Butylbenzene	0.00	119	0	N.D.	
85) 1,2,4-Trimethylbenzene	11.32	105	403	N.D.	
86) sec-butylbenzene	11.48	105	115	N.D.	
87) 1,3-Dichlorobenzene	11.61	146	265	N.D.	
88) 4-Isopropyltoluene	11.62	119	280	N.D.	
89) 1,4-Dichlorobenzene	11.69	146	867	N.D.	
90) 1,2-Dichlorobenzene	12.07	146	261	N.D.	
91) n-Butylbenzene	12.03	91	123	N.D.	
92) 1,2-Dibromo-3-chloropropan	0.00	75	0	N.D.	
93) 1,2,4-Trichlorobenzene	13.64	180	213	N.D.	
94) Hexachlorobutadiene	0.00	225	0	N.D.	
95) Naphthalene	13.90	128	1131	N.D.	
96) 1,2,3-Trichlorobenzene	14.14	180	33	N.D.	

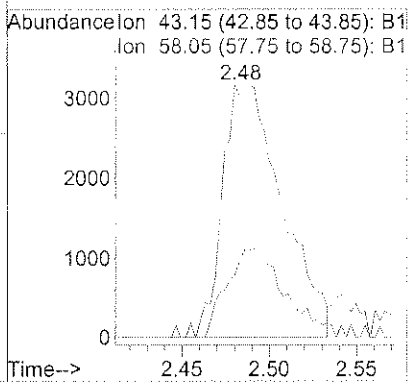
(#) = qualifier out of range (m) = manual integration

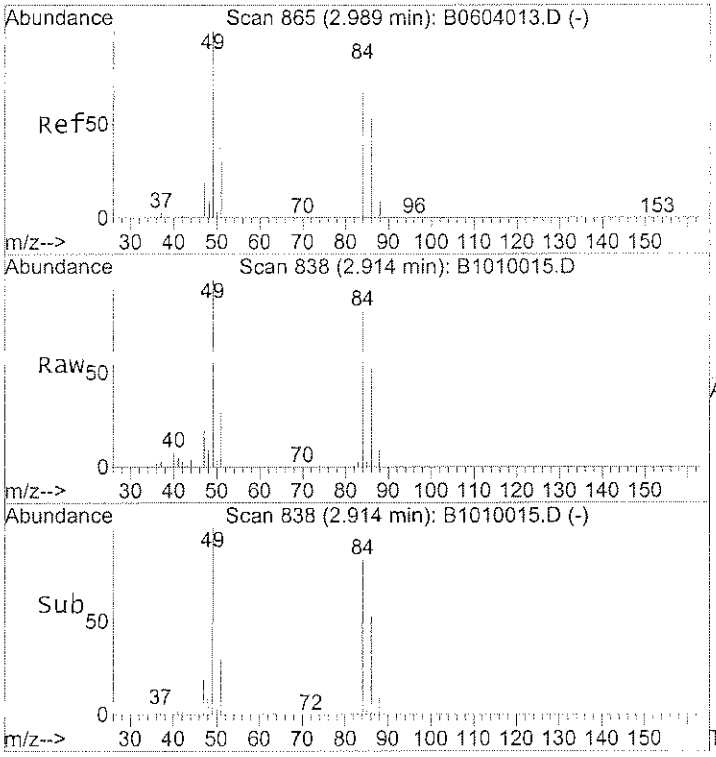


#11
Acetone
Concen: 7.32 ug/l
RT: 2.48 min Scan# 682
Delta R.T. 0.00 min
Lab File: B1010015.D
Acq: 10 Oct 2007 11:54

Tgt Ion: 43 Resp: 7534

Ion	Ratio	Lower	Upper
43	100		
58	34.5	22.0	33.0#

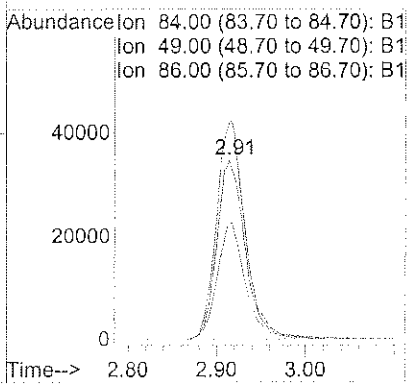


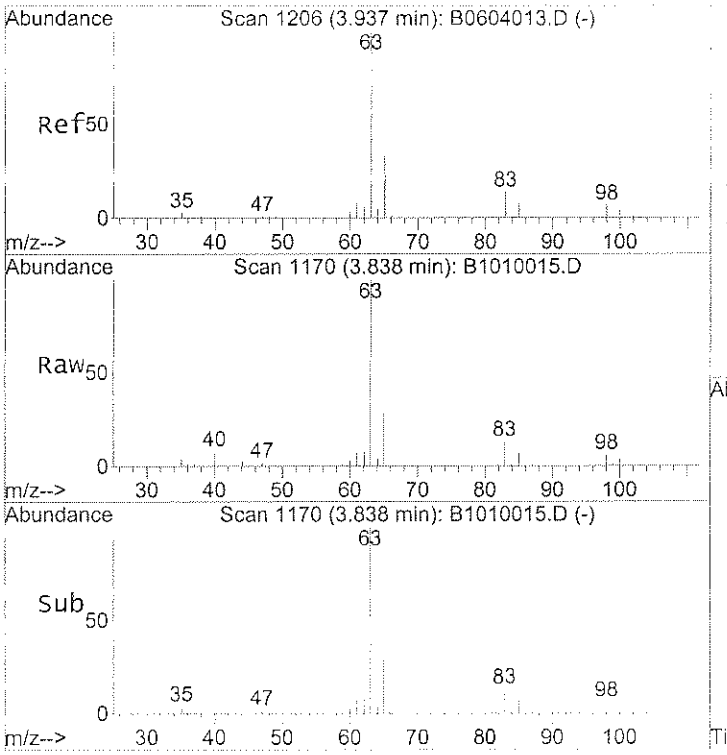


#18
Methylene Chloride
Concen: 12.93 ug/l
RT: 2.91 min Scan# 838
Delta R.T. 0.00 min
Lab File: B1010015.D
Acq: 10 Oct 2007 11:54

Tgt Ion: 84 Resp: 77321

Ion	Ratio	Lower	Upper
84	100		
49	123.0	113.6	153.6
86	63.5	45.8	85.8

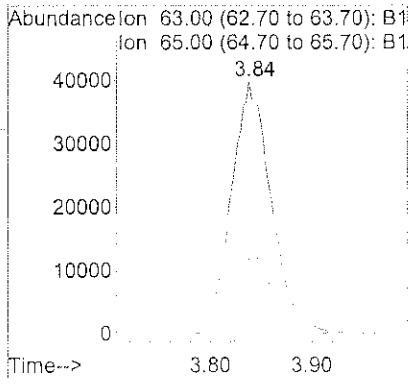


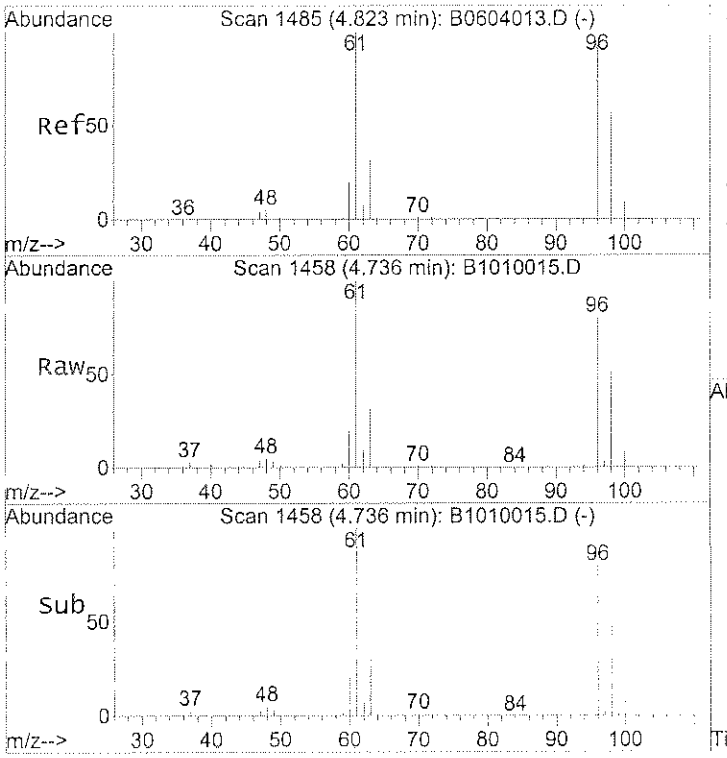


#23
1,1-Dichloroethane
Concen: 21.28 ug/l
RT: 3.84 min Scan# 1170
Delta R.T. 0.00 min
Lab File: B1010015.D
Acq: 10 Oct 2007 11:54

Tgt Ion: 63 Resp: 109075

Ion	Ratio	Lower	Upper
63	100		
65	32.1	10.2	50.2

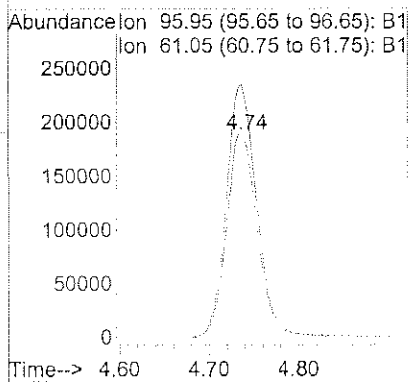


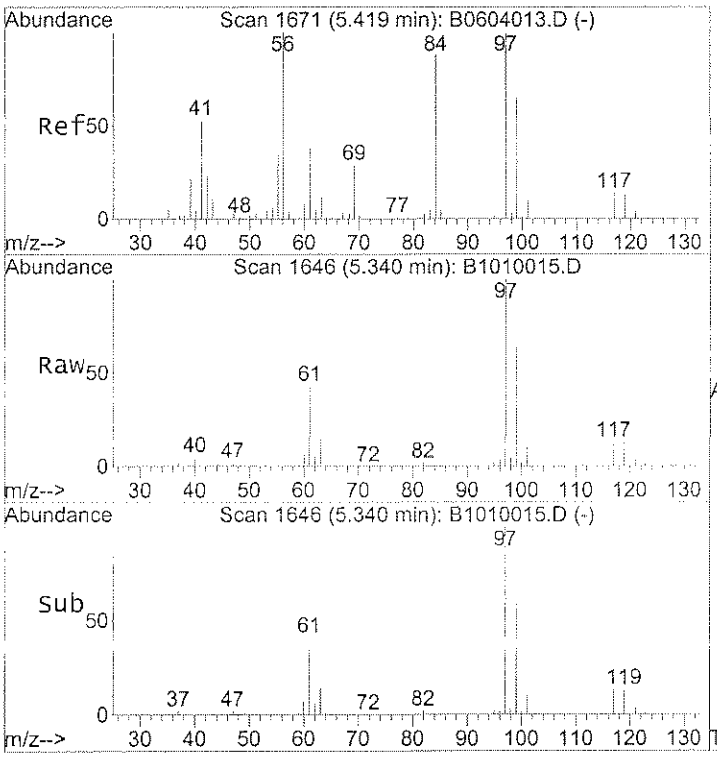


#29
cis-1,2-Dichloroethene
Concen: 134.30 ug/l
RT: 4.74 min Scan# 1458
Delta R.T. 0.00 min
Lab File: B1010015.D
Acq: 10 Oct 2007 11:54

Tgt Ion: 96 Resp: 453042

Ion	Ratio	Lower	Upper
96	100		
61	122.2	107.4	161.0

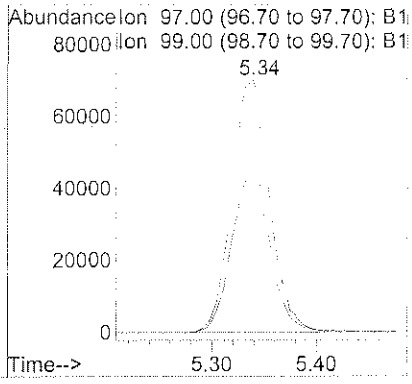


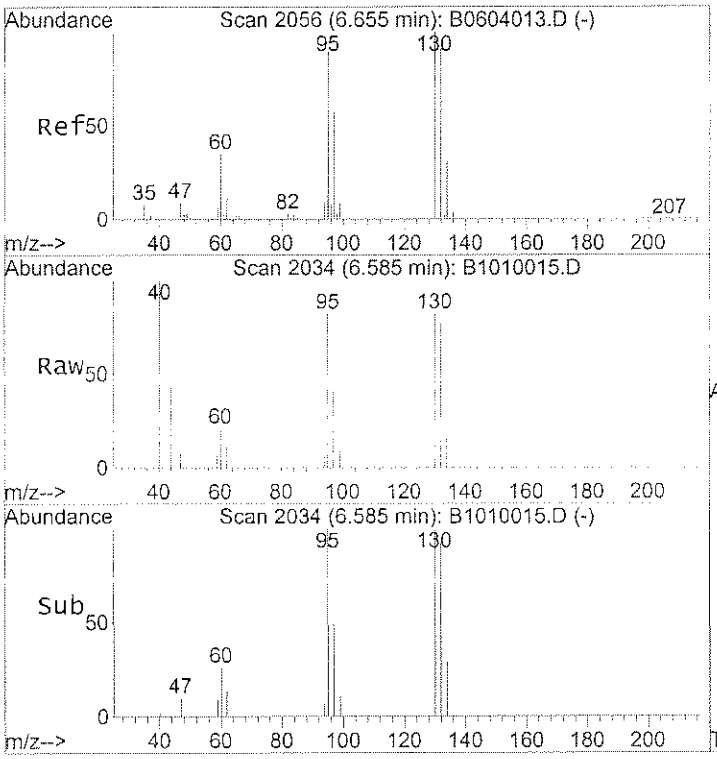


#35
1,1,1-Trichloroethane
Concen: 43.94 ug/l
RT: 5.34 min Scan# 1646
Delta R.T. 0.01 min
Lab File: B1010015.D
Acq: 10 Oct 2007 11:54

Tgt Ion: 97 Resp: 175306

Ion	Ratio	Lower	Upper
97	100		
99	65.3	40.3	80.3

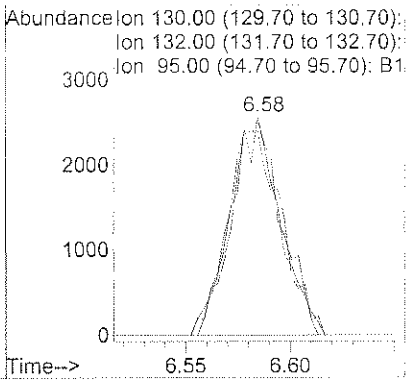




#45
Trichloroethene
Concen: 1.40 ug/l
RT: 6.58 min Scan# 2034
Delta R.T. 0.00 min
Lab File: B1010015.D
Acq: 10 Oct 2007 11:54

Tgt Ion:130 Resp: 4302

Ion	Ratio	Lower	Upper
130	100		
132	96.1	80.2	120.2
95	99.8	75.8	115.8



VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

08FD10030701

Lab Name: _____ Contract: _____

SDG No.: TT02001 Run Sequence: R022318

Matrix: (SOIL/SED/WATER) Soil Lab Sample ID: TT02001-014

Sample wt/vol: 5.08 (g/mL) gm Lab File ID: B1009028.D

Level: (LOW/MED) _____ Date Collected: 10/03/2007

% Moisture: not dec. 20.0 Date/Time Analyzed: 10/09/2007 16:42

GC Column: ZB-624 20m ID: 0.18 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____(uL) Soil Aliquot Volume: _____(uL)

Heated Purge: (Y/N) Y

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/kg	Q
1330-20-7	XYLENES, TOTAL	1.2	U
75-71-8	DICHLORODIFLUOROMETHANE	1.2	U
74-87-3	CHLOROMETHANE	1.2	U
75-01-4	VINYL CHLORIDE	1.2	U
74-83-9	BROMOMETHANE	1.2	U
75-00-3	CHLOROETHANE	12	
75-69-4	TRICHLOROFLUOROMETHANE	1.2	U
75-35-4	1,1-DICHLOROETHENE	2.0	J
76-13-1	1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	1.2	U
67-64-1	ACETONE	4.5	JB
75-15-0	CARBON DISULFIDE	1.2	U
79-20-9	METHYL ACETATE	1.2	U
75-09-2	METHYLENE CHLORIDE	1.2	U
1634-04-4	METHYL TERT-BUTYL ETHER	1.2	U
156-60-5	TRANS-1,2-DICHLOROETHENE	1.2	U
75-34-3	1,1-DICHLOROETHANE	87	
156-59-2	CIS-1,2-DICHLOROETHENE	250	E
78-93-3	2-BUTANONE	1.2	U
67-66-3	CHLOROFORM	1.2	U
71-55-6	1,1,1-TRICHLOROETHANE	340	E
110-82-7	CYCLOHEXANE	1.2	U
56-23-5	CARBON TETRACHLORIDE	1.2	U
71-43-2	BENZENE	1.2	U
107-06-2	1,2-DICHLOROETHANE	1.2	U
79-01-6	TRICHLOROETHENE	5.1	
108-87-2	METHYLCYCLOHEXANE	1.2	U
78-87-5	1,2-DICHLOROPROPANE	1.2	U
75-27-4	BROMODICHLOROMETHANE	1.2	U
10061-01-	CIS-1,3-DICHLOROPROPENE	1.2	U

VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

08FD10030701

Lab Name: _____ Contract: _____

SDG No.: TT02001 Run Sequence: R022318

Matrix: (SOIL/SED/WATER) Soil Lab Sample ID: TT02001-014

Sample wt/vol: 5.08 (g/mL) gm Lab File ID: B1009028.D

Level: (LOW/MED) _____ Date Collected: 10/03/2007

% Moisture: not dec. 20.0 Date/Time Analyzed: 10/09/2007 16:42

GC Column: ZB-624 20m ID: 0.18 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____(uL) Soil Aliquot Volume: _____(uL)

Heated Purge: (Y/N) Y

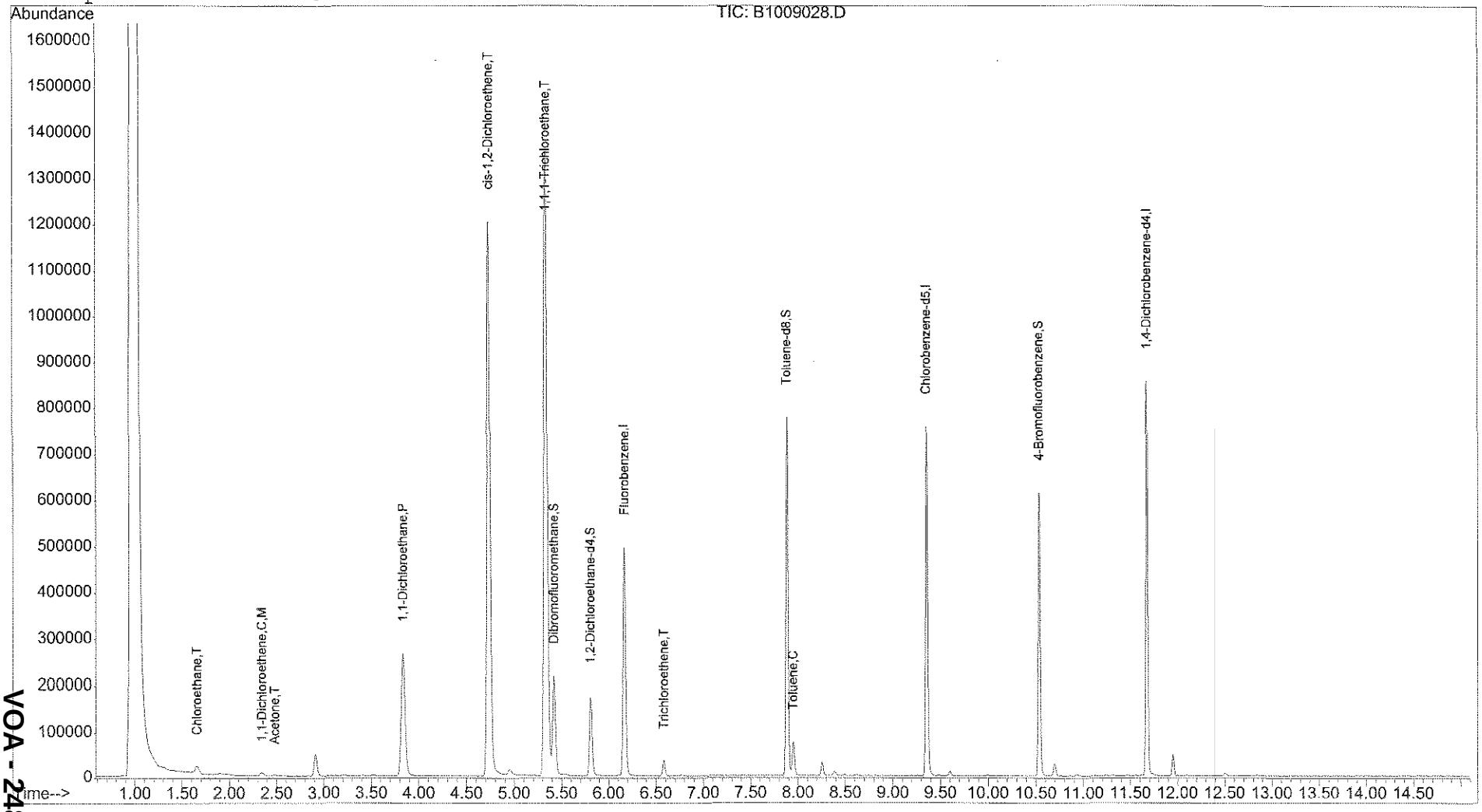
CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/kg	Q
108-10-1	4-METHYL-2-PENTANONE	1.2	U
108-88-3	TOLUENE	4.9	
10061-02-	TRANS-1,3-DICHLOROPROPENE	1.2	U
79-00-5	1,1,2-TRICHLOROETHANE	1.2	U
127-18-4	TETRACHLOROETHENE	1.2	U
591-78-6	2-HEXANONE	1.2	U
124-48-1	DIBROMOCHLOROMETHANE	1.2	U
106-93-4	1,2-DIBROMOETHANE	1.2	U
108-90-7	CHLOROBENZENE	1.2	U
100-41-4	ETHYLBENZENE	1.2	U
179601-23	M,P-XYLENE	1.2	U
95-47-6	O-XYLENE	1.2	U
100-42-5	STYRENE	1.2	U
75-25-2	BROMOFORM	1.2	U
98-82-8	ISOPROPYLBENZENE	1.2	U
79-34-5	1,1,2,2-TETRACHLOROETHANE	1.2	U
541-73-1	1,3-DICHLOROBENZENE	1.2	U
106-46-7	1,4-DICHLOROBENZENE	1.2	U
95-50-1	1,2-DICHLOROBENZENE	1.2	U
96-12-8	1,2-DIBROMO-3-CHLOROPROPANE	1.2	U
120-82-1	1,2,4-TRICHLOROBENZENE	1.2	U

Comments:

Quantitation Report

Data File : X:\MSVOA\BUDDHA\100907\B1009028.D Vial: 22
Acq On : 9 Oct 2007 16:42 Operator: LPM
Sample : TT02001-014 Inst : Buddha
Misc : #2 5.08GM+ 5ML PFW+IS/SS Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Oct 10 5:44 2007 Quant Results File: B8260S.RES

Method : X:\MSVOA\BUDDHA\QUANT\B8260S.M (RTE Integrator)
Title : VOA 8260- 5ML Soil Calibration 5973B
Last Update : Fri Sep 28 16:30:36 2007
Response via : Initial Calibration



VOA - 248

Quantitation Report

Data File : X:\MSVOA\BUDDHA\100907\B1009028.D Vial: 22
Acq On : 9 Oct 2007 16:42 Operator: LPM
Sample : TT02001-014 Inst : Buddha
Misc : #2 5.08GM+ 5ML PFW+IS/SS Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Oct 10 5:44 2007 Quant Results File: B8260S.RES

Quant Method : X:\MSVOA\BUDDHA\QUANT\B8260S.M (RTE Integrator)
Title : VOA 8260- 5ML Soil Calibration 5973B
Last Update : Fri Sep 28 16:30:36 2007
Response via : Initial Calibration
DataAcq Meth : 8260
IS QA File : X:\MSVOA\BUDDHA\092807\B0928013.D (28 Sep 2007 12:55)

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min) Rcv(Ar)
1) Fluorobenzene	6.17	96	467613	50.00 ug/l	0.00 74.80%
54) Chlorobenzene-d5	9.36	117	411072	50.00 ug/l	0.00 81.52%
74) 1,4-Dichlorobenzene-d4	11.67	152	218628	50.00 ug/l	0.00 65.99%

System Monitoring Compounds					
37) Dibromofluoromethane	5.42	111	143989	54.57 ug/l	0.00
Spiked Amount 50.000	Range 65 - 135		Recovery = 109.14%		
40) 1,2-Dichloroethane-d4	5.81	65	122450	51.97 ug/l	0.00
Spiked Amount 50.000	Range 52 - 149		Recovery = 103.94%		
55) Toluene-d8	7.88	98	493483	52.91 ug/l	0.00
Spiked Amount 50.000	Range 85 - 115		Recovery = 105.82%		
76) 4-Bromofluorobenzene	10.53	95	180358	52.47 ug/l	0.00
Spiked Amount 50.000	Range 85 - 120		Recovery = 104.94%		

Target Compounds					Qvalue
2) Dichlorodifluoromethane	1.11	85	62	N.D.	
3) Chloromethane	0.00	50	0	N.D.	
4) Vinyl Chloride	1.31	62	3959	N.D.	
5) Bromomethane	1.61	96	27	N.D.	
6) Chloroethane	1.66	64	17637	9.62 ug/l	77
7) Trichlorofluoromethane	1.85	101	27	N.D.	
8) Acrolein	2.30	56	26	Below Cal #	60
9) 1,1-Dichloroethene	2.34	96	4428	1.66 ug/l	95
10) 1,1,2-Trichloro-1,2,2-trif	0.00	101	0	N.D.	
11) Acetone	2.49	43	3875	3.65 ug/l #	68
12) Iodomethane	0.00	142	0	N.D.	
13) Bromoethane	0.00	108	0	N.D.	
14) Carbon Disulfide	2.53	76	970	N.D.	
15) Allyl chloride	0.00	76	0	N.D.	
16) Acetonitrile	2.82	41	98	N.D.	
17) Methyl Acetate	2.83	43	281	N.D.	
18) Methylene Chloride	2.91	84	26260	Below Cal	97
19) trans-1,2-Dichloroethene	3.22	96	947	N.D.	
20) t-Butyl alcohol	3.21	59	29	N.D.	
21) Methyl tert-butyl ether	0.00	73	0	N.D.	
22) Acrylonitrile	0.00	53	0	N.D.	

(#) = qualifier out of range (m) = manual integration

Quantitation Report

Data File : X:\MSVOA\BUDDHA\100907\B1009028.D Vial: 22
Acq On : 9 Oct 2007 16:42 Operator: LPM
Sample : TT02001-014 Inst : Buddha
Misc : #2 5.08GM+ 5ML PFW+IS/SS Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Oct 10 5:44 2007 Quant Results File: B8260S.RES

Quant Method : X:\MSVOA\BUDDHA\QUANT\B8260S.M (RTE Integrator)
Title : VOA 8260- 5ML Soil Calibration 5973B
Last Update : Fri Sep 28 16:30:36 2007
Response via : Initial Calibration
DataAcq Meth : 8260

	Compound	R.T.	QIon	Response	Conc Unit	Qvalue
23)	1,1-Dichloroethane	3.84	63	374426	70.89 ug/l	97
24)	Chloroprene	0.00	53	0	N.D.	
25)	Isopropyl ether	0.00	45	0	N.D.	
26)	Vinyl acetate	3.93	43	25	N.D.	
27)	Ethyl-t-butyl ether	0.00	59	0	N.D.	
28)	2,2-Dichloropropane	0.00	77	0	N.D.	
29)	cis-1,2-Dichloroethene	4.73	96	696957	200.54 ug/l	91
30)	2-Butanone	4.91	43	80	N.D.	
31)	Propionitrile	0.00	54	0	N.D.	
32)	Bromochloromethane	0.00	128	0	N.D.	
33)	Methacrylonitrile	5.23	41	50	N.D.	
34)	Chloroform	5.33	83	1068	N.D.	
35)	1,1,1-Trichloroethane	5.33	97	1140047	277.36 ug/l	94
36)	Cyclohexane	5.33	56	101	N.D.	
38)	Carbon Tetrachloride	0.00	117	0	N.D.	
39)	1,1-Dichloropropene	5.51	75	43	N.D.	
41)	Benzene	5.81	78	683	N.D.	
42)	1,2-Dichloroethane	5.90	62	181	N.D.	
43)	t-Amyl methyl ether	0.00	73	0	N.D.	
44)	Isobutanol	6.04	43	36	N.D.	
45)	Trichloroethene	6.58	130	13082	4.14 ug/l	93
46)	Methylcyclohexane	6.70	83	207	N.D.	
47)	1,2-Dichloropropane	0.00	63	0	N.D.	
48)	Dibromomethane	0.00	93	0	N.D.	
49)	Methyl methacrylate	7.02	41	182	N.D.	
50)	Bromodichloromethane	0.00	83	0	N.D.	
51)	2-Chloroethyl vinyl ether	0.00	63	0	N.D.	
52)	cis-1,3-Dichloropropene	0.00	75	0	N.D.	
53)	4-Methyl-2-pentanone	7.88	43	2098	N.D.	
56)	Toluene	7.95	92	30440	4.02 ug/l	99
57)	trans-1,3-Dichloropropene	8.39	75	39	N.D.	
58)	Ethyl methacrylate	0.00	69	0	N.D.	
59)	1,1,2-Trichloroethane	8.38	97	36	N.D.	
60)	Tetrachloroethene	8.49	166	793	N.D.	
61)	1,3-Dichloropropane	0.00	76	0	N.D.	
62)	2-Hexanone	8.65	43	79	N.D.	
63)	Dibromochloromethane	0.00	129	0	N.D.	
64)	1,2-Dibromoethane	0.00	107	0	N.D.	
65)	1-Chlorohexane	9.36	91	848	N.D.	
66)	Chlorobenzene	9.38	112	91	N.D.	
67)	1,1,1,2-Tetrachloroethane	0.00	131	0	N.D.	

(#) = qualifier out of range (m) = manual integration
B1009028.D B8260S.M Wed Oct 10 08:08:45 2007

10/15/07

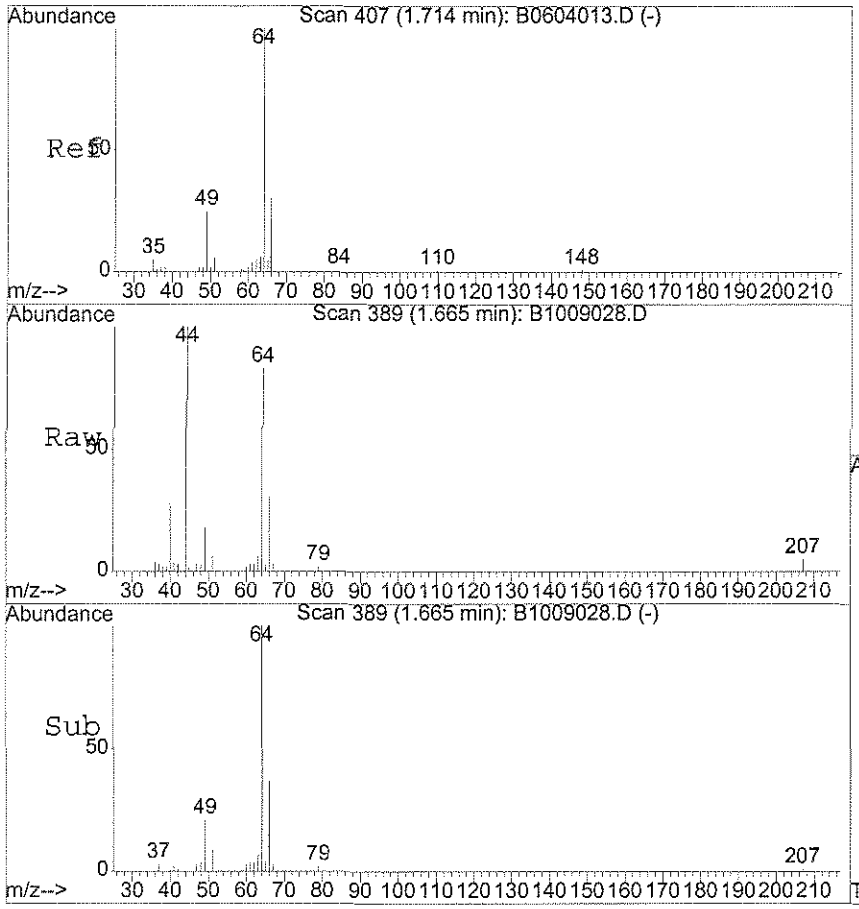
Quantitation Report

Data File : X:\MSVOA\BUDDHA\100907\B1009028.D Vial: 22
Acq On : 9 Oct 2007 16:42 Operator: LPM
Sample : TT02001-014 Inst : Buddha
Misc : #2 5.08GM+ 5ML PFW+IS/SS Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Oct 10 5:44 2007 Quant Results File: B8260S.RES

Quant Method : X:\MSVOA\BUDDHA\QUANT\B8260S.M (RTE Integrator)
Title : VOA 8260- 5ML Soil Calibration 5973B
Last Update : Fri Sep 28 16:30:36 2007
Response via : Initial Calibration
DataAcq Meth : 8260

	Compound	R.T.	QIon	Response	Conc Unit	Qvalue
68)	Ethylbenzene	9.49	91	1936	N.D.	
69)	m,p-Xylene	9.60	106	2622	N.D.	
70)	o-xylene	10.00	106	917	N.D.	
71)	Styrene	10.02	104	123	N.D.	
72)	Bromoform	0.00	173	0	N.D.	
73)	Isopropylbenzene	10.36	105	307	N.D.	
75)	trans-1,4-Dichloro-2-buten	10.54	53	243	N.D.	
77)	Bromobenzene	0.00	156	0	N.D.	
78)	1,1,2,2-Tetrachloroethane	10.93	83	32	N.D.	
79)	1,2,3-Trichloropropane	10.69	110	31	N.D.	
80)	n-Propylbenzene	10.86	120	185	N.D.	
81)	2-Chlorotoluene	10.87	91	110	N.D.	
82)	4-Chlorotoluene	10.97	91	147	N.D.	
83)	1,3,5-Trimethylbenzene	10.94	105	665	N.D.	
84)	tert-Butylbenzene	11.31	119	109	N.D.	
85)	1,2,4-Trimethylbenzene	11.31	105	1563	N.D.	
86)	sec-butylbenzene	11.47	105	408	N.D.	
87)	1,3-Dichlorobenzene	11.60	146	185	N.D.	
88)	4-Isopropyltoluene	11.62	119	1741	N.D.	
89)	1,4-Dichlorobenzene	11.70	146	659	N.D.	
90)	1,2-Dichlorobenzene	12.07	146	66	N.D.	
91)	n-Butylbenzene	12.03	91	459	N.D.	
92)	1,2-Dibromo-3-chloropropan	0.00	75	0	N.D.	
93)	1,2,4-Trichlorobenzene	13.65	180	85	N.D.	
94)	Hexachlorobutadiene	0.00	225	0	N.D.	
95)	Naphthalene	13.89	128	886	N.D.	
96)	1,2,3-Trichlorobenzene	14.14	180	81	N.D.	

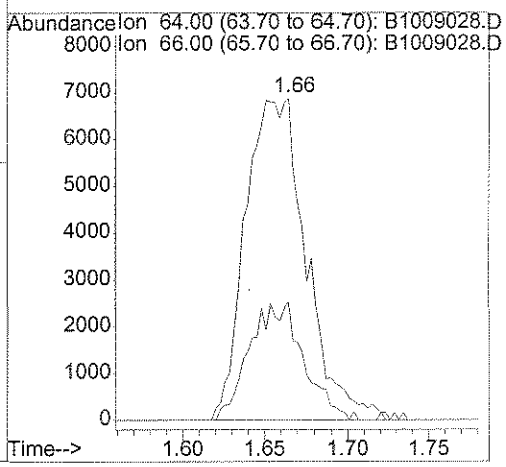
(#) = qualifier out of range (m) = manual integration

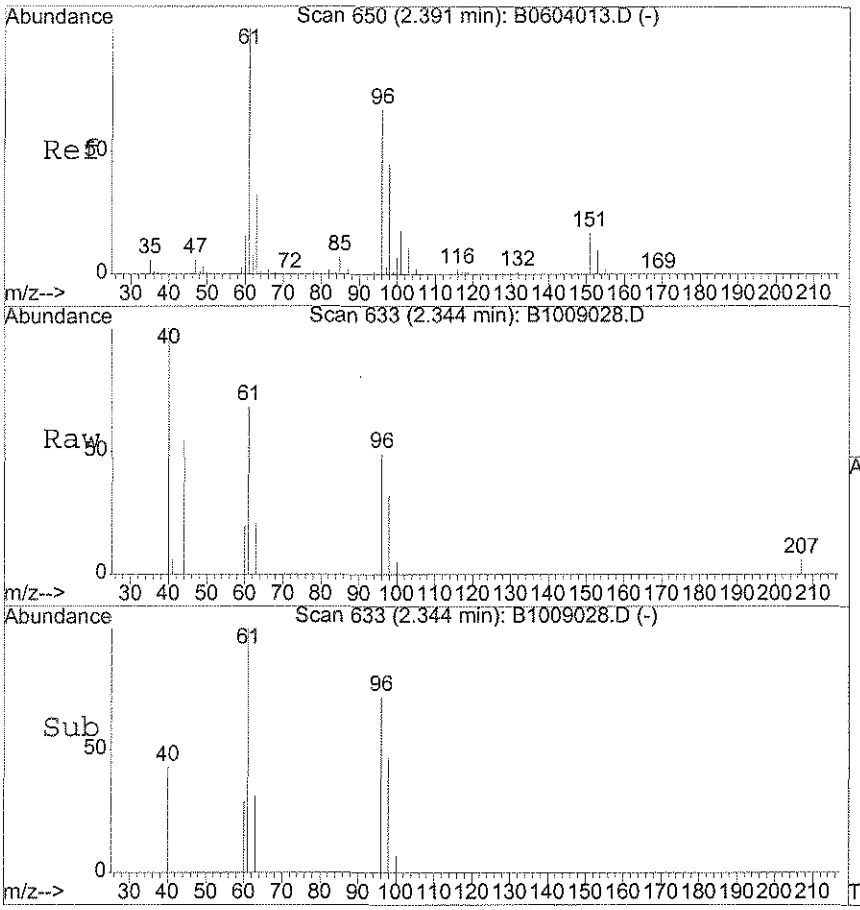


#6
Chloroethane
Concen: 9.62 ug/l
RT: 1.66 min Scan# 389
Delta R.T. 0.01 min
Lab File: B1009028.D
Acq: 9 Oct 2007 16:42

Tgt Ion: 64 Resp: 17637

Ion	Ratio	Lower	Upper
64	100		
66	18.8	11.6	51.6

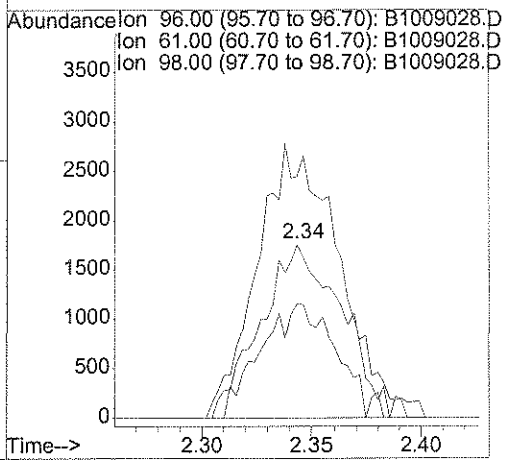


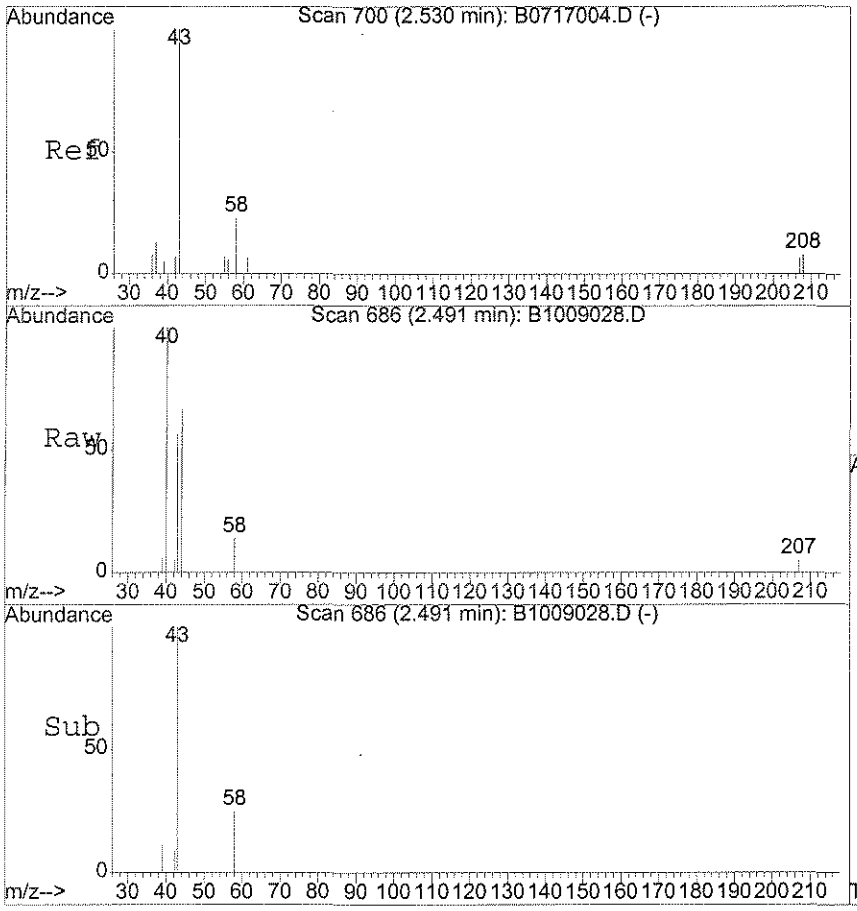


#9
1,1-Dichloroethene
Concen: 1.66 ug/l
RT: 2.34 min Scan# 633
Delta R.T. 0.01 min
Lab File: B1009028.D
Acq: 9 Oct 2007 16:42

Tgt Ion: 96 Resp: 4428

Ion	Ratio	Lower	Upper
96	100		
61	161.1	148.9	188.9
98	62.0	44.8	84.8

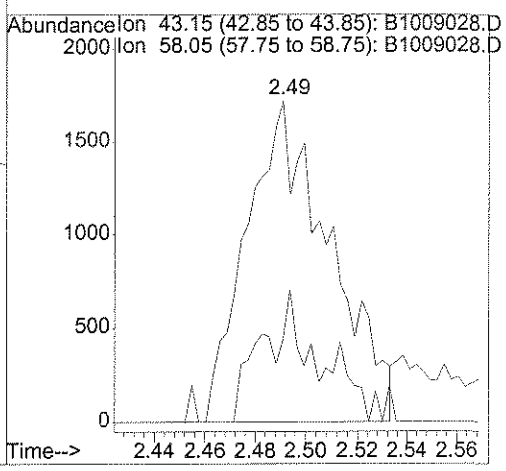


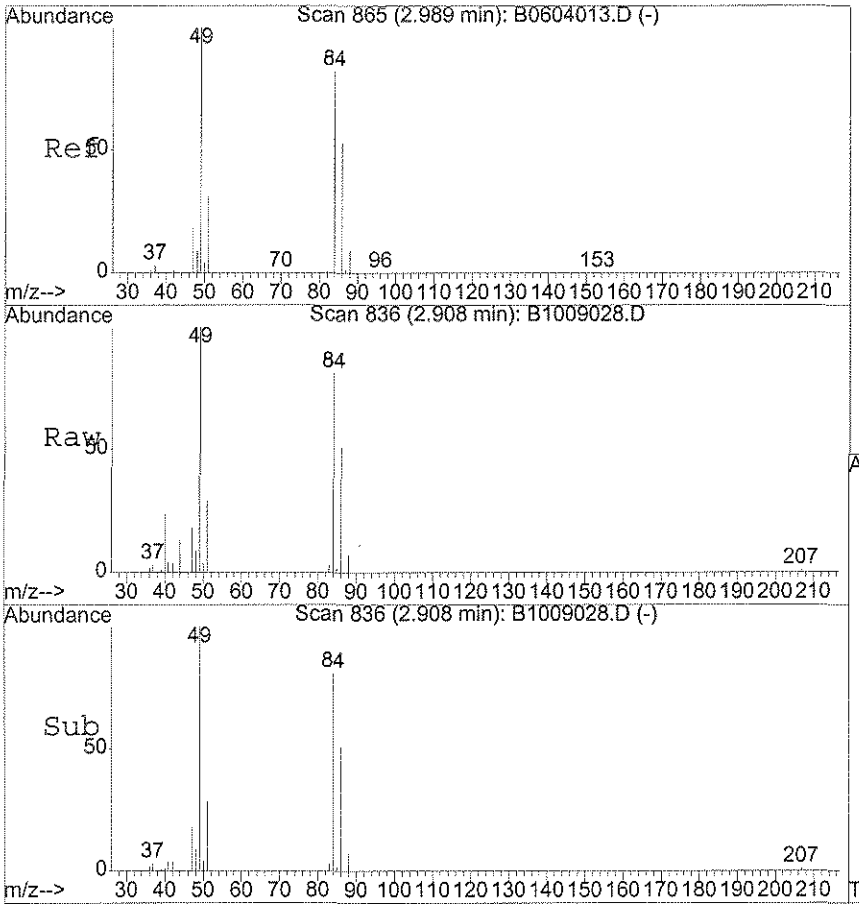


#11
Acetone
Concen: 3.65 ug/l
RT: 2.49 min Scan# 686
Delta R.T. 0.01 min
Lab File: B1009028.D
Acq: 9 Oct 2007 16:42

Tgt Ion: 43 Resp: 3875

Ion	Ratio	Lower	Upper
43	100		
58	10.7	22.0	33.0#

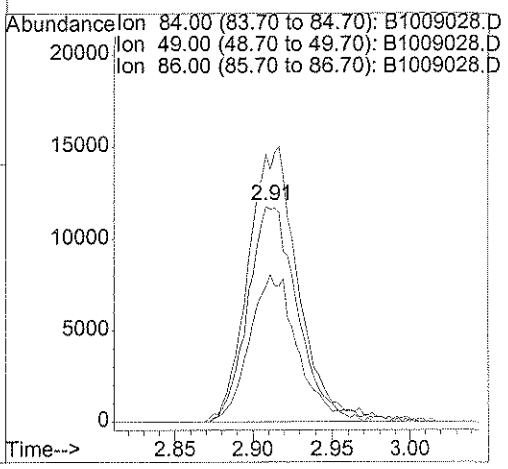


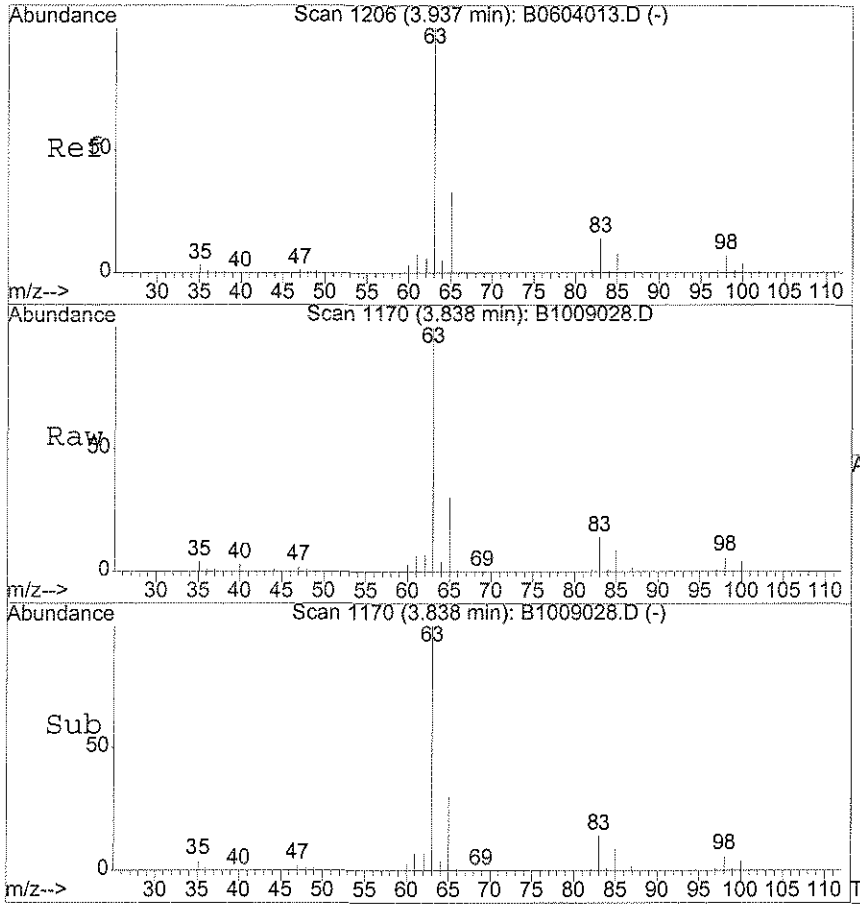


#18
Methylene Chloride
Concen: Below Cal
RT: 2.91 min Scan# 836
Delta R.T. -0.00 min
Lab File: B1009028.D
Acq: 9 Oct 2007 16:42

Tgt Ion: 84 Resp: 26260

Ion	Ratio	Lower	Upper
84	100		
49	127.7	113.6	153.6
86	65.4	45.8	85.8

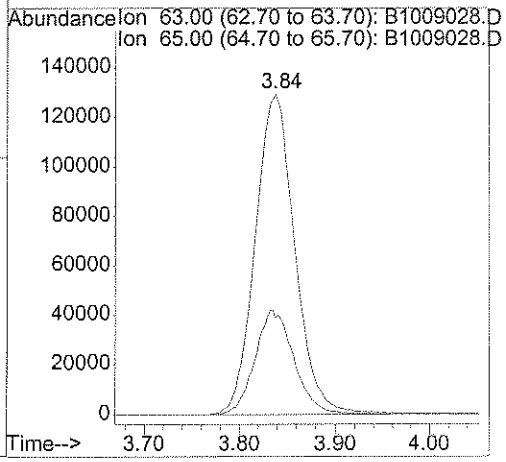


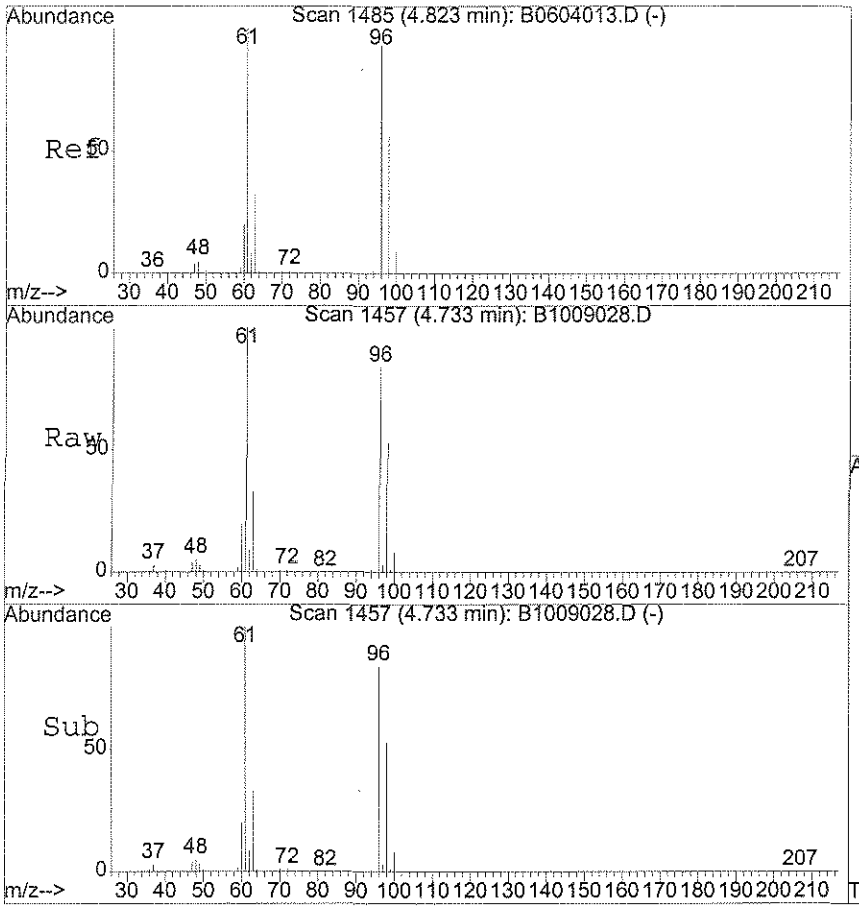


#23
1,1-Dichloroethane
Concen: 70.89 ug/l
RT: 3.84 min Scan# 1170
Delta R.T. 0.00 min
Lab File: B1009028.D
Acq: 9 Oct 2007 16:42

Tgt Ion: 63 Resp: 374426

Ion	Ratio	Lower	Upper
63	100		
65	32.0	10.2	50.2

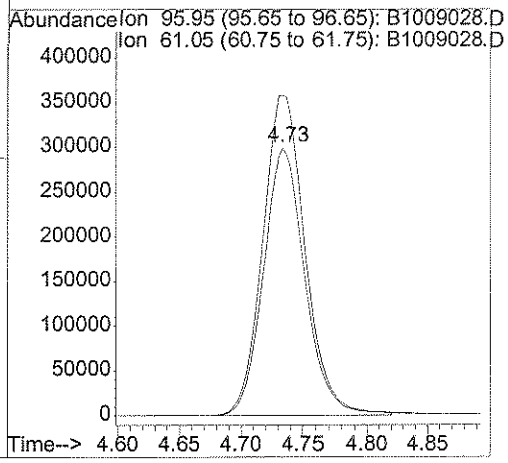


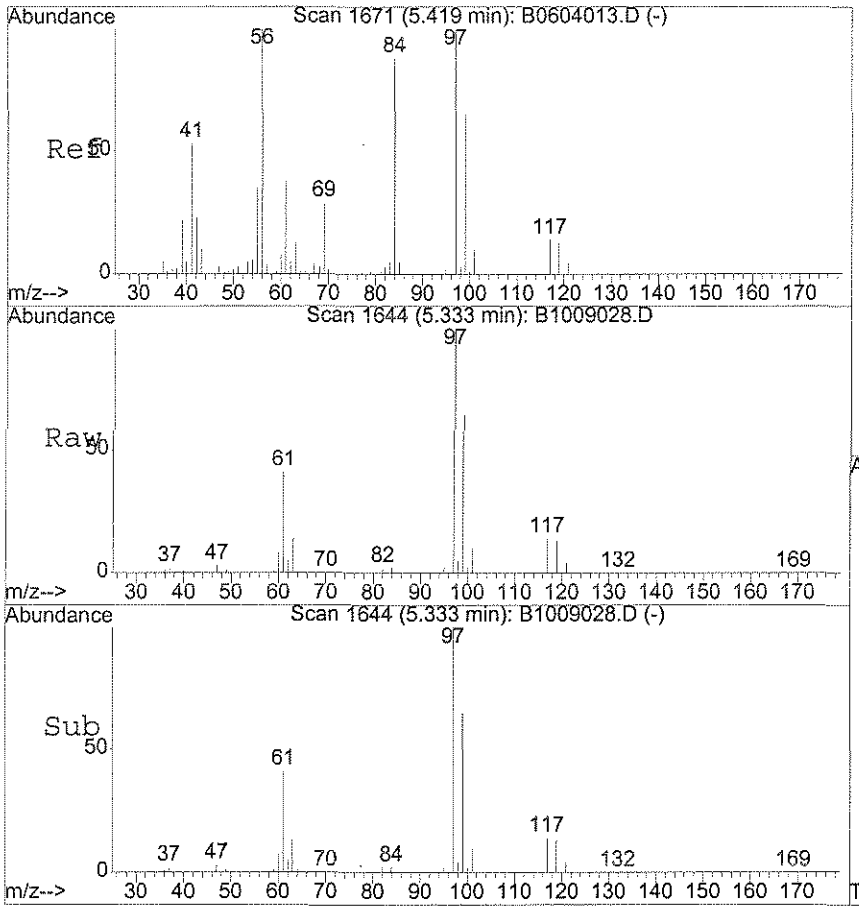


#29
cis-1,2-Dichloroethene
Concen: 200.54 ug/l
RT: 4.73 min Scan# 1457
Delta R.T. -0.00 min
Lab File: B1009028.D
Acq: 9 Oct 2007 16:42

Tgt Ion: 96 Resp: 696957

Ion	Ratio	Lower	Upper
96	100		
61	123.6	107.4	161.0

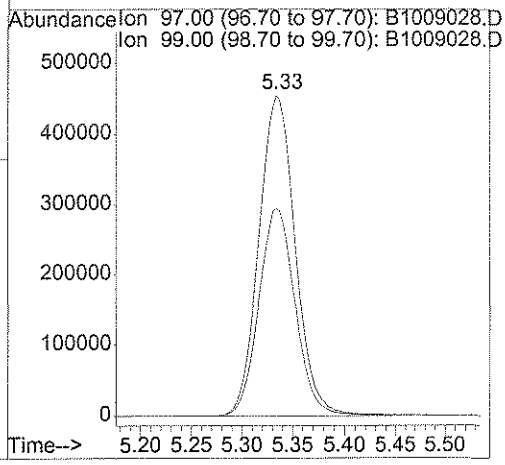


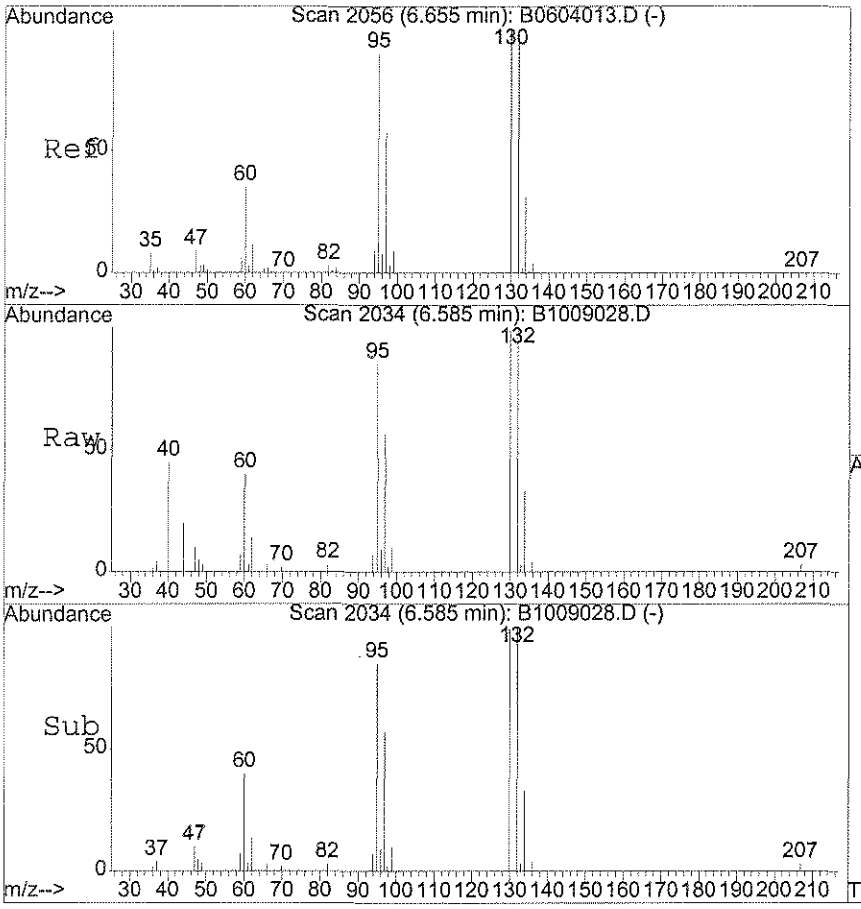


#35
1,1,1-Trichloroethane
Concen: 277.36 ug/l
RT: 5.33 min Scan# 1644
Delta R.T. 0.00 min
Lab File: B1009028.D
Acq: 9 Oct 2007 16:42

Tgt Ion: 97 Resp: 1140047

Ion	Ratio	Lower	Upper
97	100		
99	64.5	40.3	80.3

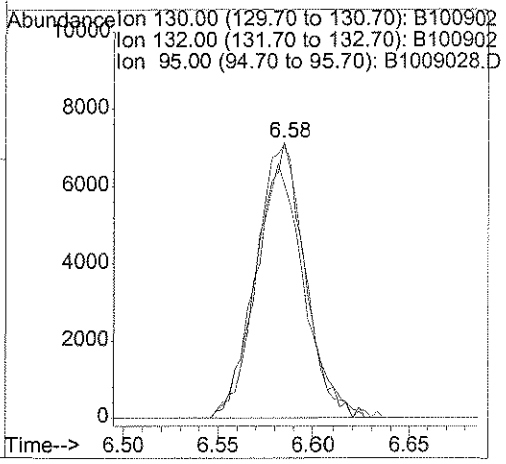


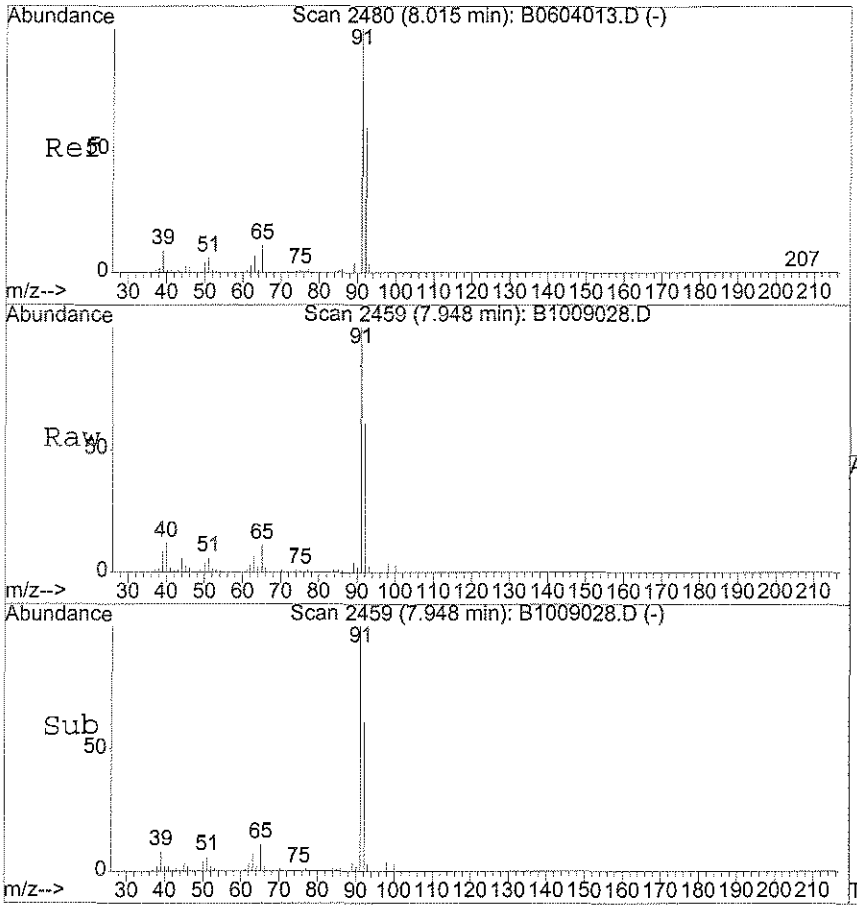


#45
Trichloroethene
Concen: 4.14 ug/l
RT: 6.58 min Scan# 2034
Delta R.T. 0.00 min
Lab File: B1009028.D
Acq: 9 Oct 2007 16:42

Tgt Ion:130 Resp: 13082

Ion	Ratio	Lower	Upper
130	100		
132	93.5	80.2	120.2
95	89.3	75.8	115.8

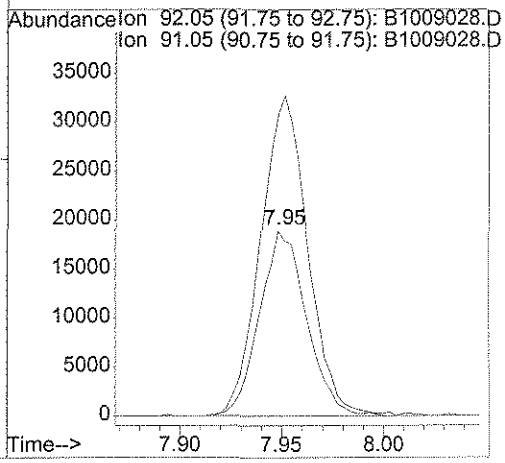




#56
Toluene
Concen: 4.02 ug/l
RT: 7.95 min Scan# 2459
Delta R.T. -0.00 min
Lab File: B1009028.D
Acq: 9 Oct 2007 16:42

Tgt Ion: 92 Resp: 30440

Ion	Ratio	Lower	Upper
92	100		
91	173.7	137.6	206.4



1

VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

08FD10030701DL

Lab Name: _____ Contract: _____

SDG No.: TT02001 Run Sequence: R022374

Matrix: (SOIL/SED/WATER) Soil Lab Sample ID: TT02001-014DL

Sample wt/vol: 0.95 (g/mL) gm Lab File ID: B1010017.D

Level: (LOW/MED) _____ Date Collected: 10/03/2007

% Moisture: not dec. 20.0 Date/Time Analyzed: 10/10/2007 12:46

GC Column: ZB-624 20m ID: 0.18 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____(uL) Soil Aliquot Volume: _____(uL)

Heated Purge: (Y/N) Y

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/kg	Q
1330-20-7	XYLENES, TOTAL	6.6	U
75-71-8	DICHLORODIFLUOROMETHANE	6.6	U
74-87-3	CHLOROMETHANE	6.6	U
75-01-4	VINYL CHLORIDE	6.6	U
74-83-9	BROMOMETHANE	6.6	U
75-00-3	CHLOROETHANE	6.6	U
75-69-4	TRICHLOROFLUOROMETHANE	6.6	U
75-35-4	1,1-DICHLOROETHENE	6.6	U
76-13-1	1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	6.6	U
67-64-1	ACETONE	25	JB
75-15-0	CARBON DISULFIDE	6.6	U
79-20-9	METHYL ACETATE	6.6	U
75-09-2	METHYLENE CHLORIDE	35	B
1634-04-4	METHYL TERT-BUTYL ETHER	6.6	U
156-60-5	TRANS-1,2-DICHLOROETHENE	6.6	U
75-34-3	1,1-DICHLOROETHANE	6.6	U
156-59-2	CIS-1,2-DICHLOROETHENE	6.6	U
78-93-3	2-BUTANONE	6.6	U
67-66-3	CHLOROFORM	6.6	U
71-55-6	1,1,1-TRICHLOROETHANE	11	J
110-82-7	CYCLOHEXANE	6.6	U
56-23-5	CARBON TETRACHLORIDE	6.6	U
71-43-2	BENZENE	6.6	U
107-06-2	1,2-DICHLOROETHANE	6.6	U
79-01-6	TRICHLOROETHENE	6.6	U
108-87-2	METHYLCYCLOHEXANE	6.6	U
78-87-5	1,2-DICHLOROPROPANE	6.6	U
75-27-4	BROMODICHLOROMETHANE	6.6	U
10061-01-	CIS-1,3-DICHLOROPROPENE	6.6	U

1

VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

08FD10030701DL

Lab Name: _____ Contract: _____

SDG No.: TT02001 Run Sequence: R022374

Matrix: (SOIL/SED/WATER) Soil Lab Sample ID: TT02001-014DL

Sample wt/vol: 0.95 (g/mL) gm Lab File ID: B1010017.D

Level: (LOW/MED) _____ Date Collected: 10/03/2007

% Moisture: not dec. 20.0 Date/Time Analyzed: 10/10/2007 12:46

GC Column: ZB-624 20m ID: 0.18 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____(uL) Soil Aliquot Volume: _____(uL)

Heated Purge: (Y/N) Y

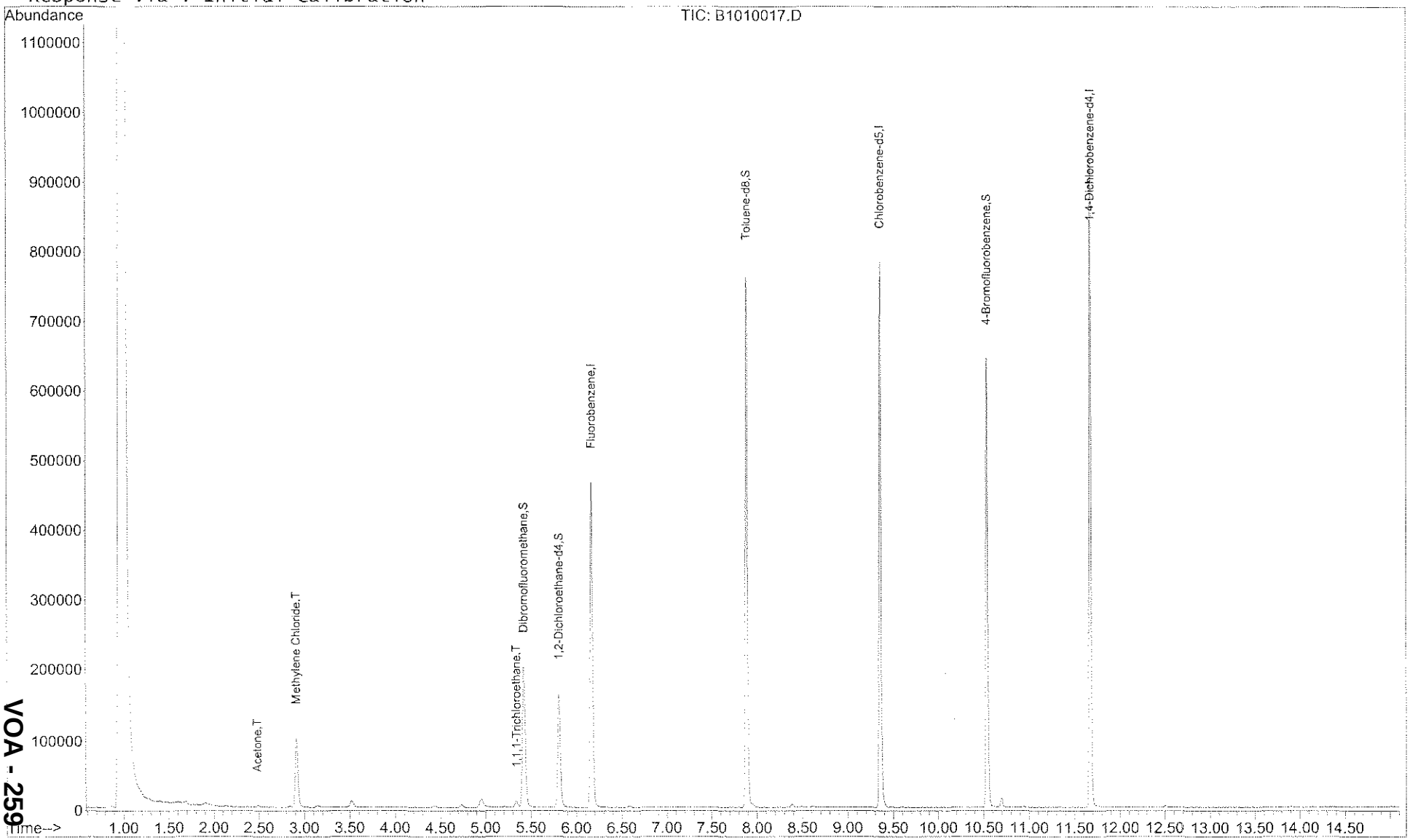
CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/kg	Q
108-10-1	4-METHYL-2-PENTANONE	6.6	U
108-88-3	TOLUENE	6.6	U
10061-02-	TRANS-1,3-DICHLOROPROPENE	6.6	U
79-00-5	1,1,2-TRICHLOROETHANE	6.6	U
127-18-4	TETRACHLOROETHENE	6.6	U
591-78-6	2-HEXANONE	6.6	U
124-48-1	DIBROMOCHLOROMETHANE	6.6	U
106-93-4	1,2-DIBROMOETHANE	6.6	U
108-90-7	CHLOROBENZENE	6.6	U
100-41-4	ETHYLBENZENE	6.6	U
179601-23	M,P-XYLENE	6.6	U
95-47-6	O-XYLENE	6.6	U
100-42-5	STYRENE	6.6	U
75-25-2	BROMOFORM	6.6	U
98-82-8	ISOPROPYLBENZENE	6.6	U
79-34-5	1,1,2,2-TETRACHLOROETHANE	6.6	U
541-73-1	1,3-DICHLOROBENZENE	6.6	U
106-46-7	1,4-DICHLOROBENZENE	6.6	U
95-50-1	1,2-DICHLOROBENZENE	6.6	U
96-12-8	1,2-DIBROMO-3-CHLOROPROPANE	6.6	U
120-82-1	1,2,4-TRICHLOROBENZENE	6.6	U

Comments:

Quantitation Report

Data File : X:\MSVOA\BUDDHA\101007\B1010017.D Vial: 13
Acq On : 10 Oct 2007 12:46 Operator: LPM
Sample : TT02001-014DL Inst : Buddha
Misc : #1 0.95G+ 5ML+IS/SS Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Oct 11 5:39 2007 Quant Results File: B8260S.RES

Method : X:\MSVOA\BUDDHA\QUANT\B8260S.M (RTE Integrator)
Title : VOA 8260- 5ML Soil Calibration 5973B
Last Update : Fri Sep 28 16:30:36 2007
Response via : Initial Calibration



Quantitation Report

Data File : X:\MSVOA\BUDDHA\101007\B1010017.D Vial: 13
Acq On : 10 Oct 2007 12:46 Operator: LPM
Sample : TT02001-014DL Inst : Buddha
Misc : #1 0.95G+ 5ML+IS/SS Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Oct 11 5:39 2007 Quant Results File: B8260S.RES

Quant Method : X:\MSVOA\BUDDHA\QUANT\B8260S.M (RTE Integrator)
Title : VOA 8260- 5ML Soil Calibration 5973B
Last Update : Fri Sep 28 16:30:36 2007
Response via : Initial Calibration
DataAcq Meth : 8260
IS QA File : X:\MSVOA\BUDDHA\092807\B0928013.D (28 Sep 2007 12:55)

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min) Rcv(Ar)
1) Fluorobenzene	6.17	96	443078	50.00 ug/l	0.00 70.88%
54) Chlorobenzene-d5	9.36	117	419844	50.00 ug/l	0.00 83.26%
74) 1,4-Dichlorobenzene-d4	11.67	152	238396	50.00 ug/l	0.00 71.96%

System Monitoring Compounds					
37) Dibromofluoromethane	5.42	111	139679	55.87 ug/l	0.00
Spiked Amount 50.000	Range 65 - 135		Recovery = 111.74%		
40) 1,2-Dichloroethane-d4	5.81	65	122373	54.81 ug/l	0.00
Spiked Amount 50.000	Range 52 - 149		Recovery = 109.62%		
55) Toluene-d8	7.88	98	485331	50.95 ug/l	0.00
Spiked Amount 50.000	Range 85 - 115		Recovery = 101.90%		
76) 4-Bromofluorobenzene	10.53	95	188804	50.37 ug/l	0.00
Spiked Amount 50.000	Range 85 - 120		Recovery = 100.74%		

Target Compounds					Qvalue
2) Dichlorodifluoromethane	1.09	85	118	N.D.	
3) Chloromethane	0.00	50	0	N.D.	
4) Vinyl Chloride	0.00	62	0	N.D.	
5) Bromomethane	1.59	96	42	N.D.	
6) Chloroethane	1.65	64	206	N.D.	
7) Trichlorofluoromethane	1.86	101	26	N.D.	
8) Acrolein	2.32	56	26	Below Cal #	33
9) 1,1-Dichloroethene	0.00	96	0	N.D.	
10) 1,1,2-Trichloro-1,2,2-trif	0.00	101	0	N.D.	
11) Acetone	2.49	43	3785	3.76 ug/l #	80
12) Iodomethane	0.00	142	0	N.D.	
13) Bromoethane	0.00	108	0	N.D.	
14) Carbon Disulfide	2.53	76	233	N.D.	
15) Allyl chloride	0.00	76	0	N.D.	
16) Acetonitrile	2.82	41	300	N.D.	
17) Methyl Acetate	2.84	43	980	N.D.	
18) Methylene Chloride	2.91	84	53886	5.35 ug/l	93
19) trans-1,2-Dichloroethene	0.00	96	0	N.D.	
20) t-Butyl alcohol	3.22	59	57	N.D.	
21) Methyl tert-butyl ether	3.23	73	28	N.D.	
22) Acrylonitrile	0.00	53	0	N.D.	
23) 1,1-Dichloroethane	3.83	63	306	N.D.	
24) Chloroprene	0.00	53	0	N.D.	
25) Isopropyl ether	0.00	45	0	N.D.	
26) Vinyl acetate	0.00	43	0	N.D.	
27) Ethyl-t-butyl ether	4.51	59	107	N.D.	
28) 2,2-Dichloropropane	0.00	77	0	N.D.	
29) cis-1,2-Dichloroethene	4.73	96	2682	N.D.	
30) 2-Butanone	4.92	43	65	N.D.	
31) Propionitrile	0.00	54	0	N.D.	
32) Bromochloromethane	0.00	128	0	N.D.	
33) Methacrylonitrile	5.22	41	33	N.D.	
34) Chloroform	5.21	83	861	N.D.	
35) 1,1,1-Trichloroethane	5.34	97	6684	1.72 ug/l	98
36) Cyclohexane	0.00	56	0	N.D.	

(#) = qualifier out of range (m) = manual integration

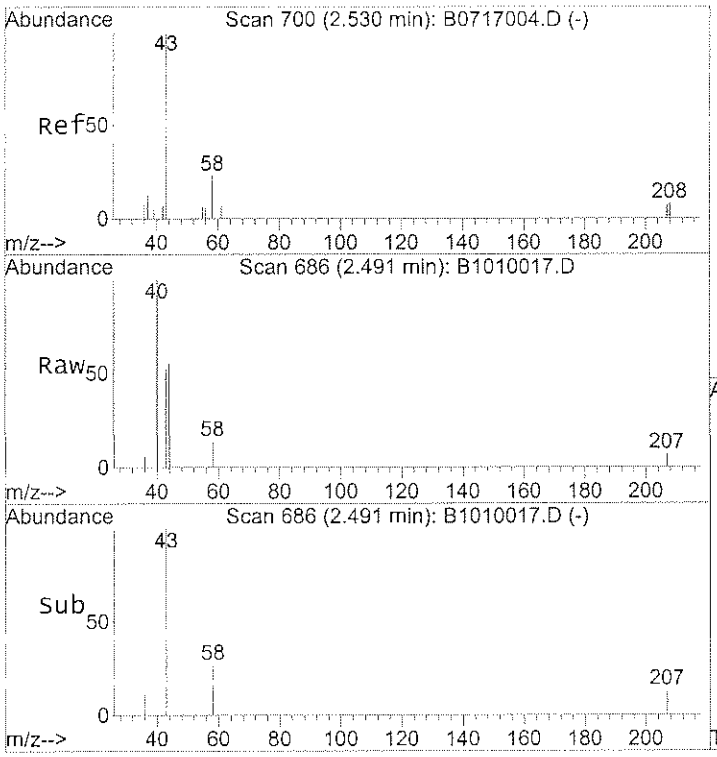
Quantitation Report

Data File : X:\MSVOA\BUDDHA\101007\B1010017.D Vial: 13
Acq On : 10 Oct 2007 12:46 Operator: LPM
Sample : TT02001-014DL Inst : Buddha
Misc : #1 0.95G+ 5ML+IS/SS Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Oct 11 5:39 2007 Quant Results File: B8260S.RES

Quant Method : X:\MSVOA\BUDDHA\QUANT\B8260S.M (RTE Integrator)
Title : VOA 8260- 5ML Soil Calibration 5973B
Last Update : Fri Sep 28 16:30:36 2007
Response via : Initial Calibration
DataAcq Meth : 8260

Compound	R.T.	QIon	Response	Conc Unit	Qvalue
38) Carbon Tetrachloride	0.00	117	0	N.D.	
39) 1,1-Dichloropropene	5.55	75	33	N.D.	
41) Benzene	5.81	78	654	N.D.	
42) 1,2-Dichloroethane	0.00	62	0	N.D.	
43) t-Amyl methyl ether	0.00	73	0	N.D.	
44) Isobutanol	6.11	43	63	N.D.	
45) Trichloroethene	6.58	130	1092	N.D.	
46) Methylcyclohexane	0.00	83	0	N.D.	
47) 1,2-Dichloropropane	0.00	63	0	N.D.	
48) Dibromomethane	0.00	93	0	N.D.	
49) Methyl methacrylate	7.18	41	30	N.D.	
50) Bromodichloromethane	0.00	83	0	N.D.	
51) 2-Chloroethyl vinyl ether	0.00	63	0	N.D.	
52) cis-1,3-Dichloropropene	0.00	75	0	N.D.	
53) 4-Methyl-2-pentanone	7.88	43	1965	N.D.	
56) Toluene	7.95	92	1150	N.D.	
57) trans-1,3-Dichloropropene	0.00	75	0	N.D.	
58) Ethyl methacrylate	0.00	69	0	N.D.	
59) 1,1,2-Trichloroethane	0.00	97	0	N.D.	
60) Tetrachloroethene	8.49	166	522	N.D.	
61) 1,3-Dichloropropane	0.00	76	0	N.D.	
62) 2-Hexanone	8.62	43	1703	N.D.	
63) Dibromochloromethane	0.00	129	0	N.D.	
64) 1,2-Dibromoethane	0.00	107	0	N.D.	
65) 1-Chlorohexane	9.36	91	761	N.D.	
66) Chlorobenzene	9.38	112	108	N.D.	
67) 1,1,1,2-Tetrachloroethane	0.00	131	0	N.D.	
68) Ethylbenzene	9.49	91	458	N.D.	
69) m,p-Xylene	9.60	106	457	N.D.	
70) o-xylene	10.00	106	52	N.D.	
71) Styrene	10.02	104	41	N.D.	
72) Bromoform	0.00	173	0	N.D.	
73) Isopropylbenzene	10.53	105	125	N.D.	
75) trans-1,4-Dichloro-2-buten	0.00	53	0	N.D.	
77) Bromobenzene	10.67	156	34	N.D.	
78) 1,1,2,2-Tetrachloroethane	0.00	83	0	N.D.	
79) 1,2,3-Trichloropropane	0.00	110	0	N.D.	
80) n-Propylbenzene	10.77	120	36	N.D.	
81) 2-Chlorotoluene	10.86	91	31	N.D.	
82) 4-Chlorotoluene	10.97	91	73	N.D.	
83) 1,3,5-Trimethylbenzene	10.95	105	108	N.D.	
84) tert-Butylbenzene	0.00	119	0	N.D.	
85) 1,2,4-Trimethylbenzene	11.32	105	538	N.D.	
86) sec-butylbenzene	11.47	105	145	N.D.	
87) 1,3-Dichlorobenzene	11.60	146	164	N.D.	
88) 4-Isopropyltoluene	11.63	119	265	N.D.	
89) 1,4-Dichlorobenzene	11.69	146	680	N.D.	
90) 1,2-Dichlorobenzene	12.06	146	99	N.D.	
91) n-Butylbenzene	12.02	91	215	N.D.	
92) 1,2-Dibromo-3-chloropropan	0.00	75	0	N.D.	
93) 1,2,4-Trichlorobenzene	13.65	180	144	N.D.	
94) Hexachlorobutadiene	0.00	225	0	N.D.	
95) Naphthalene	13.89	128	813	N.D.	
96) 1,2,3-Trichlorobenzene	14.14	180	140	N.D.	

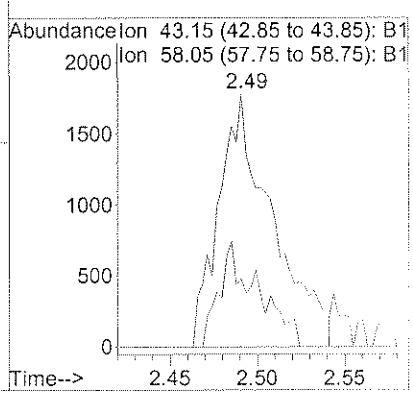
(#) = qualifier out of range (m) = manual integration
B1010017.D B8260S.M Thu Oct 11 05:33:02 2007

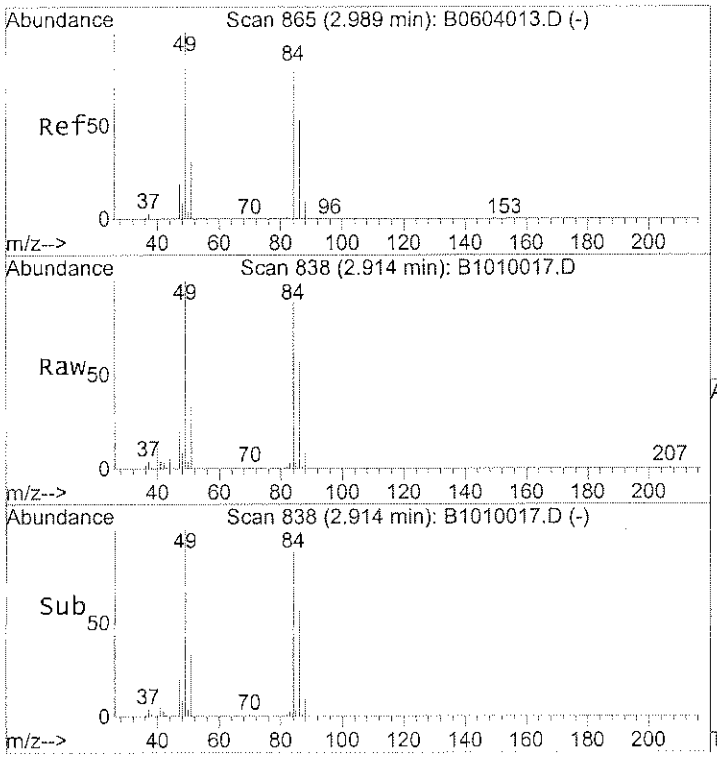


#11
Acetone
Concen: 3.76 ug/l
RT: 2.49 min Scan# 686
Delta R.T. 0.01 min
Lab File: B1010017.D
Acq: 10 Oct 2007 12:46

Tgt Ion: 43 Resp: 3785

Ion	Ratio	Lower	Upper
43	100		
58	17.3	22.0	33.0#

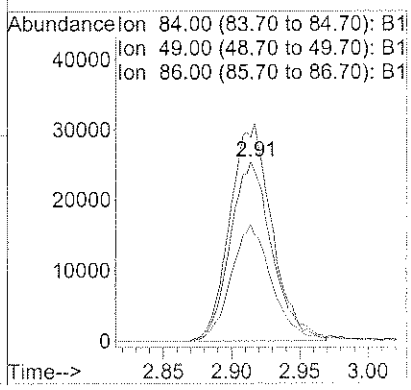


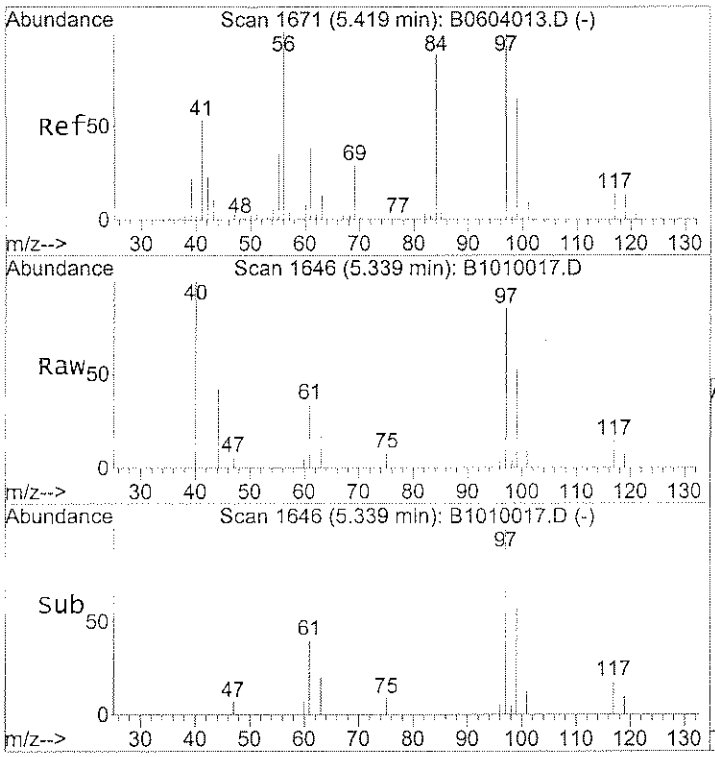


#18
Methylene Chloride
Concen: 5.35 ug/l
RT: 2.91 min Scan# 838
Delta R.T. 0.00 min
Lab File: B1010017.D
Acq: 10 Oct 2007 12:46

Tgt Ion: 84 Resp: 53886

Ion	Ratio	Lower	Upper
84	100		
49	123.1	113.6	153.6
86	63.7	45.8	85.8

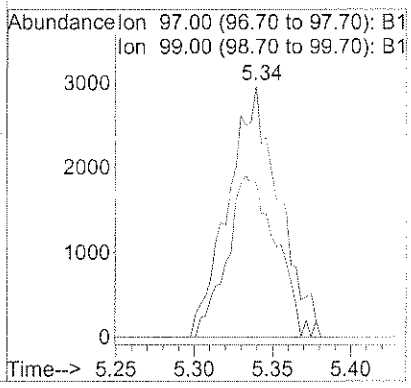




#35
1,1,1-Trichloroethane
Concen: 1.72 ug/l
RT: 5.34 min Scan# 1646
Delta R.T. 0.01 min
Lab File: B1010017.D
Acq: 10 Oct 2007 12:46

Tgt Ion: 97 Resp: 6684

Ion	Ratio	Lower	Upper
97	100		
99	62.1	40.3	80.3



1

VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

08FD10030701DL2

Lab Name: _____ Contract: _____

SDG No.: TT02001 Run Sequence: R022490

Matrix: (SOIL/SED/WATER) Soil Lab Sample ID: TT02001-014DL2

Sample wt/vol: 2.93 (g/mL) gm Lab File ID: B1015025.D

Level: (LOW/MED) _____ Date Collected: 10/03/2007

% Moisture: not dec. 20.0 Date/Time Analyzed: 10/15/2007 16:46

GC Column: ZB-624 20m ID: 0.18 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____(uL) Soil Aliquot Volume: _____(uL)

Heated Purge: (Y/N) Y

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/kg	Q
1330-20-7	XYLENES, TOTAL	2.1	U
75-71-8	DICHLORODIFLUOROMETHANE	2.1	U
74-87-3	CHLOROMETHANE	2.1	U
75-01-4	VINYL CHLORIDE	2.1	U
74-83-9	BROMOMETHANE	2.1	U
75-00-3	CHLOROETHANE	2.1	U
75-69-4	TRICHLOROFLUOROMETHANE	2.1	U
75-35-4	1,1-DICHLOROETHENE	2.1	U
76-13-1	1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	2.1	U
67-64-1	ACETONE	12	JB
75-15-0	CARBON DISULFIDE	2.1	U
79-20-9	METHYL ACETATE	2.1	U
75-09-2	METHYLENE CHLORIDE	42	
1634-04-4	METHYL TERT-BUTYL ETHER	2.1	U
156-60-5	TRANS-1,2-DICHLOROETHENE	2.1	U
75-34-3	1,1-DICHLOROETHANE	5.1	J
156-59-2	CIS-1,2-DICHLOROETHENE	26	
78-93-3	2-BUTANONE	2.1	U
67-66-3	CHLOROFORM	2.1	U
71-55-6	1,1,1-TRICHLOROETHANE	86	
110-82-7	CYCLOHEXANE	2.1	U
56-23-5	CARBON TETRACHLORIDE	2.1	U
71-43-2	BENZENE	2.1	U
107-06-2	1,2-DICHLOROETHANE	2.1	U
79-01-6	TRICHLOROETHENE	5.7	J
108-87-2	METHYLCYCLOHEXANE	2.1	U
78-87-5	1,2-DICHLOROPROPANE	2.1	U
75-27-4	BROMODICHLOROMETHANE	2.1	U
10061-01-	CIS-1,3-DICHLOROPROPENE	2.1	U

VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

08FD10030701DL2

Lab Name: _____ Contract: _____

SDG No.: TT02001 Run Sequence: R022490

Matrix: (SOIL/SED/WATER) Soil Lab Sample ID: TT02001-014DL2

Sample wt/vol: 2.93 (g/mL) gm Lab File ID: B1015025.D

Level: (LOW/MED) _____ Date Collected: 10/03/2007

% Moisture: not dec. 20.0 Date/Time Analyzed: 10/15/2007 16:46

GC Column: ZB-624 20m ID: 0.18 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____(uL) Soil Aliquot Volume: _____(uL)

Heated Purge: (Y/N) Y

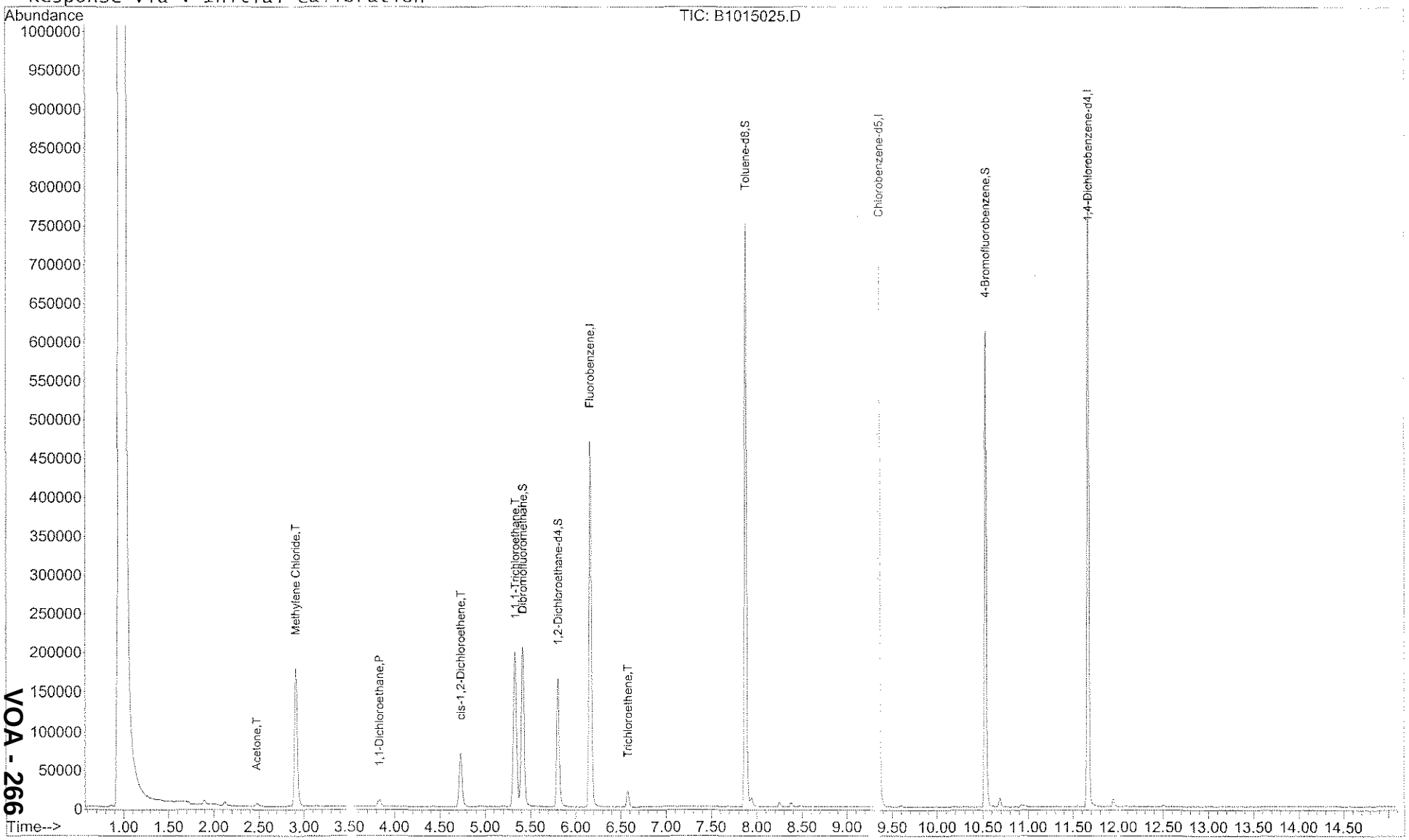
CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/kg	Q
108-10-1	4-METHYL-2-PENTANONE	2.1	U
108-88-3	TOLUENE	2.1	U
10061-02-	TRANS-1,3-DICHLOROPROPENE	2.1	U
79-00-5	1,1,2-TRICHLOROETHANE	2.1	U
127-18-4	TETRACHLOROETHENE	2.1	U
591-78-6	2-HEXANONE	2.1	U
124-48-1	DIBROMOCHLOROMETHANE	2.1	U
106-93-4	1,2-DIBROMOETHANE	2.1	U
108-90-7	CHLOROBENZENE	2.1	U
100-41-4	ETHYLBENZENE	2.1	U
179601-23	M,P-XYLENE	2.1	U
95-47-6	O-XYLENE	2.1	U
100-42-5	STYRENE	2.1	U
75-25-2	BROMOFORM	2.1	U
98-82-8	ISOPROPYLBENZENE	2.1	U
79-34-5	1,1,2,2-TETRACHLOROETHANE	2.1	U
541-73-1	1,3-DICHLOROBENZENE	2.1	U
106-46-7	1,4-DICHLOROBENZENE	2.1	U
95-50-1	1,2-DICHLOROBENZENE	2.1	U
96-12-8	1,2-DIBROMO-3-CHLOROPROPANE	2.1	U
120-82-1	1,2,4-TRICHLOROBENZENE	2.1	U

Comments:

Quantitation Report

Data File : X:\MSVOA\BUDDHA\101507\B1015025.D Vial: 19
Acq On : 15 Oct 2007 16:46 Operator: LPM
Sample : TT02001-014DL2 Inst : Buddha
Misc : #4 2.93G/5ML+IS/SS(MV-8-42-9) Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Oct 16 6:30 2007 Quant Results File: B8260S.RES

Method : X:\MSVOA\BUDDHA\QUANT\B8260S.M (RTE Integrator)
Title : VOA 8260- 5ML Soil Calibration 5973B
Last Update : Fri Sep 28 16:30:36 2007
Response via : Initial Calibration



VOA - 266

Quantitation Report

Data File : X:\MSVOA\BUDDHA\101507\B1015025.D Vial: 19
Acq On : 15 Oct 2007 16:46 Operator: LPM
Sample : TT02001-014DL2 Inst : Buddha
Misc : #4 2.93G/5ML+IS/SS(MV-8-42-9) Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Oct 16 6:30 2007 Quant Results File: B8260S.RES

Quant Method : X:\MSVOA\BUDDHA\QUANT\B8260S.M (RTE Integrator)
Title : VOA 8260- 5ML Soil Calibration 5973B
Last Update : Fri Sep 28 16:30:36 2007
Response via : Initial Calibration
DataAcq Meth : 8260
IS QA File : X:\MSVOA\BUDDHA\092807\B0928013.D (28 Sep 2007 12:55)

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min) Rcv(Ar)
1) Fluorobenzene	6.17	96	451018	50.00 ug/l	0.00 72.15%
54) Chlorobenzene-d5	9.36	117	401171	50.00 ug/l	0.00 79.55%
74) 1,4-Dichlorobenzene-d4	11.67	152	220438	50.00 ug/l	0.00 66.54%

System Monitoring Compounds					
37) Dibromofluoromethane	5.42	111	142429	55.97 ug/l	0.00
Spiked Amount 50.000	Range 65 - 135		Recovery = 111.94%		
40) 1,2-Dichloroethane-d4	5.81	65	117084	51.52 ug/l	0.00
Spiked Amount 50.000	Range 52 - 149		Recovery = 103.04%		
55) Toluene-d8	7.88	98	471530	51.80 ug/l	0.00
Spiked Amount 50.000	Range 85 - 115		Recovery = 103.60%		
76) 4-Bromofluorobenzene	10.53	95	177517	51.22 ug/l	0.00
Spiked Amount 50.000	Range 85 - 120		Recovery = 102.44%		

Target Compounds					Qvalue
2) Dichlorodifluoromethane	0.00	85	0	N.D.	
3) Chloromethane	0.00	50	0	N.D.	
4) Vinyl Chloride	1.31	62	25	N.D.	
5) Bromomethane	1.57	96	60	N.D.	
6) Chloroethane	1.65	64	375	N.D.	
7) Trichlorofluoromethane	0.00	101	0	N.D.	
8) Acrolein	0.00	56	0	N.D.	
9) 1,1-Dichloroethene	2.34	96	106	N.D.	
10) 1,1,2-Trichloro-1,2,2-trif	2.33	101	26	N.D.	
11) Acetone	2.49	43	5831	5.70 ug/l	93
12) Iodomethane	0.00	142	0	N.D.	
13) Bromoethane	0.00	108	0	N.D.	
14) Carbon Disulfide	2.54	76	744	N.D.	
15) Allyl chloride	0.00	76	0	N.D.	
16) Acetonitrile	0.00	41	0	N.D. d	
17) Methyl Acetate	2.84	43	1051	N.D.	
18) Methylene Chloride	2.91	84	95823	19.48 ug/l	93
19) trans-1,2-Dichloroethene	3.22	96	31	N.D.	
20) t-Butyl alcohol	0.00	59	0	N.D.	
21) Methyl tert-butyl ether	3.23	73	37	N.D.	
22) Acrylonitrile	0.00	53	0	N.D.	
23) 1,1-Dichloroethane	3.85	63	12092m	2.37 ug/l #	87
24) Chloroprene	0.00	53	0	N.D.	
25) Isopropyl ether	0.00	45	0	N.D.	
26) Vinyl acetate	0.00	43	0	N.D.	
27) Ethyl-t-butyl ether	0.00	59	0	N.D.	
28) 2,2-Dichloropropane	0.00	77	0	N.D.	
29) cis-1,2-Dichloroethene	4.74	96	40993	12.23 ug/l	89
30) 2-Butanone	4.89	43	32	N.D.	
31) Propionitrile	0.00	54	0	N.D.	
32) Bromochloromethane	0.00	128	0	N.D.	
33) Methacrylonitrile	0.00	41	0	N.D.	
34) Chloroform	5.20	83	361	N.D.	
35) 1,1,1-Trichloroethane	5.34	97	158982	40.10 ug/l	94
36) Cyclohexane	0.00	56	0	N.D.	

(#) = qualifier out of range (m) = manual integration

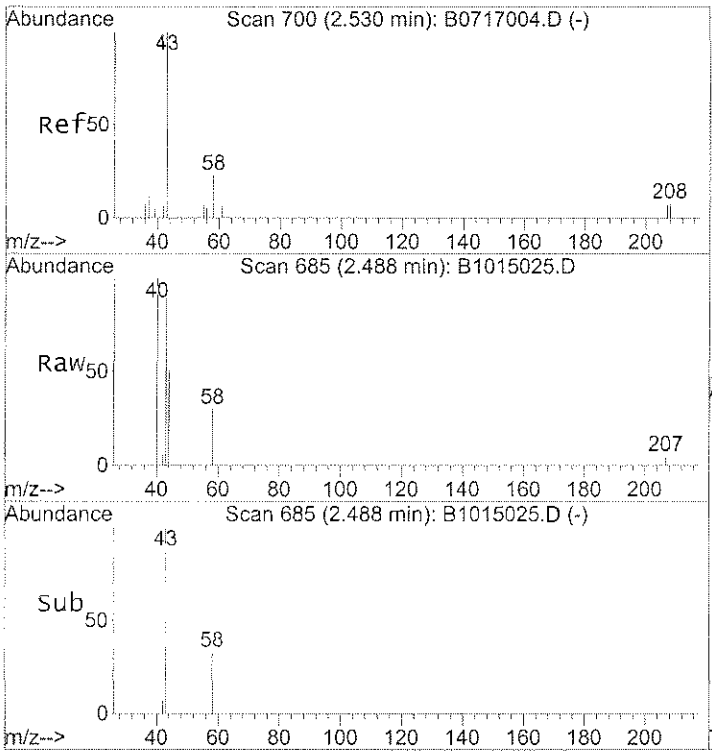
Quantitation Report

Data File : X:\MSVOA\BUDDHA\101507\B1015025.D Vial: 19
Acq On : 15 Oct 2007 16:46 Operator: LPM
Sample : TT02001-014DL2 Inst : Buddha
Misc : #4 2.93G/5ML+IS/SS(MV-8-42-9) Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Oct 16 6:30 2007 Quant Results File: B8260S.RES

Quant Method : X:\MSVOA\BUDDHA\QUANT\B8260S.M (RTE Integrator)
Title : VOA 8260- 5ML Soil Calibration 5973B
Last Update : Fri Sep 28 16:30:36 2007
Response via : Initial Calibration
DataAcq Meth : 8260

	Compound	R.T.	QIon	Response	Conc Unit	Qvalue
38)	Carbon Tetrachloride	0.00	117	0	N.D.	
39)	1,1-Dichloropropene	0.00	75	0	N.D.	
41)	Benzene	5.80	78	891	N.D.	
42)	1,2-Dichloroethane	0.00	62	0	N.D.	
43)	t-Amyl methyl ether	0.00	73	0	N.D.	
44)	Isobutanol	5.95	43	29	N.D.	
45)	Trichloroethene	6.58	130	8124	2.66 ug/l	95
46)	Methylcyclohexane	6.71	83	32	N.D.	
47)	1,2-Dichloropropane	0.00	63	0	N.D.	
48)	Dibromomethane	0.00	93	0	N.D.	
49)	Methyl methacrylate	6.99	41	30	N.D.	
50)	Bromodichloromethane	0.00	83	0	N.D.	
51)	2-Chloroethyl vinyl ether	0.00	63	0	N.D.	
52)	cis-1,3-Dichloropropene	0.00	75	0	N.D.	
53)	4-Methyl-2-pentanone	7.88	43	1810	N.D.	
56)	Toluene	7.96	92	3464	N.D.	
57)	trans-1,3-Dichloropropene	0.00	75	0	N.D.	
58)	Ethyl methacrylate	0.00	69	0	N.D.	
59)	1,1,2-Trichloroethane	8.39	97	30	N.D.	
60)	Tetrachloroethene	8.49	166	367	N.D.	
61)	1,3-Dichloropropane	0.00	76	0	N.D.	
62)	2-Hexanone	8.61	43	32	N.D.	
63)	Dibromochloromethane	0.00	129	0	N.D.	
64)	1,2-Dibromoethane	0.00	107	0	N.D.	
65)	1-Chlorohexane	9.36	91	870	N.D.	
66)	Chlorobenzene	0.00	112	0	N.D.	
67)	1,1,1,2-Tetrachloroethane	0.00	131	0	N.D.	
68)	Ethylbenzene	9.48	91	274	N.D.	
69)	m,p-Xylene	9.60	106	506	N.D.	
70)	o-xylene	9.99	106	152	N.D.	
71)	Styrene	10.02	104	49	N.D.	
72)	Bromoform	0.00	173	0	N.D.	
73)	Isopropylbenzene	10.37	105	29	N.D.	
75)	trans-1,4-Dichloro-2-buten	0.00	53	0	N.D.	
77)	Bromobenzene	0.00	156	0	N.D.	
78)	1,1,2,2-Tetrachloroethane	0.00	83	0	N.D.	
79)	1,2,3-Trichloropropane	0.00	110	0	N.D.	
80)	n-Propylbenzene	10.95	120	38	N.D.	
81)	2-Chlorotoluene	10.77	91	160	N.D.	
82)	4-Chlorotoluene	10.97	91	212	N.D.	
83)	1,3,5-Trimethylbenzene	10.94	105	139	N.D.	
84)	tert-Butylbenzene	0.00	119	0	N.D.	
85)	1,2,4-Trimethylbenzene	11.31	105	584	N.D.	
86)	sec-butylbenzene	11.48	105	32	N.D.	
87)	1,3-Dichlorobenzene	11.60	146	42	N.D.	
88)	4-Isopropyltoluene	11.62	119	452	N.D.	
89)	1,4-Dichlorobenzene	11.70	146	385	N.D.	
90)	1,2-Dichlorobenzene	12.06	146	150	N.D.	
91)	n-Butylbenzene	12.03	91	155	N.D.	
92)	1,2-Dibromo-3-chloropropan	0.00	75	0	N.D.	
93)	1,2,4-Trichlorobenzene	13.65	180	39	N.D.	
94)	Hexachlorobutadiene	0.00	225	0	N.D.	
95)	Naphthalene	13.89	128	925	N.D.	
96)	1,2,3-Trichlorobenzene	14.14	180	66	N.D.	

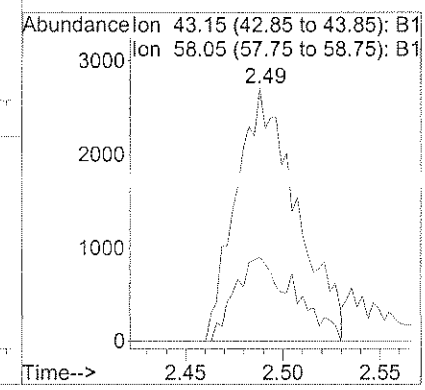
(#) = qualifier out of range (m) = manual integration
B1015025.D B8260S.M Tue Oct 16 06:31:29 2007

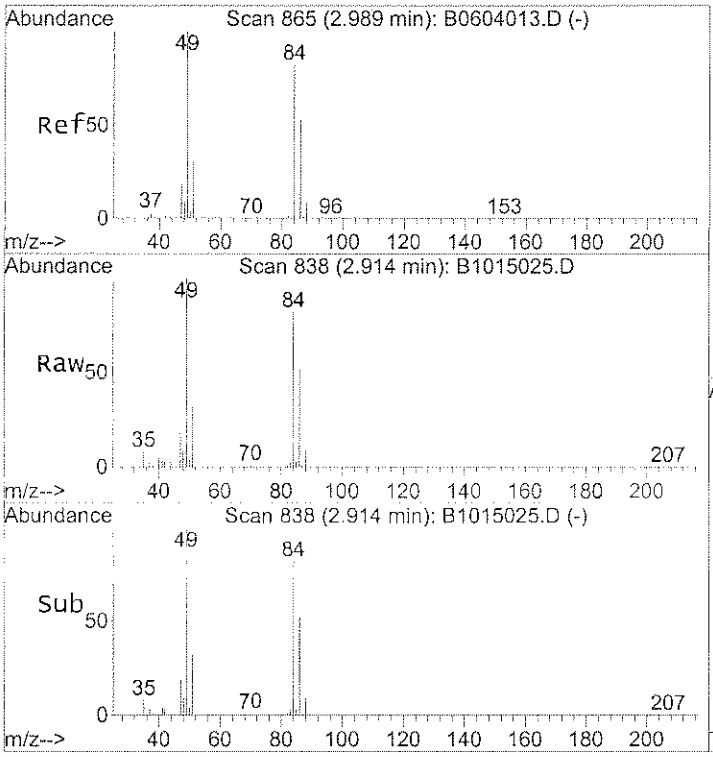


#11
Acetone
Concen: 5.70 ug/l
RT: 2.49 min Scan# 685
Delta R.T. 0.01 min
Lab File: B1015025.D
Acq: 15 Oct 2007 16:46

Tgt Ion: 43 Resp: 5831

Ion	Ratio	Lower	Upper
43	100		
58	23.9	22.0	33.0

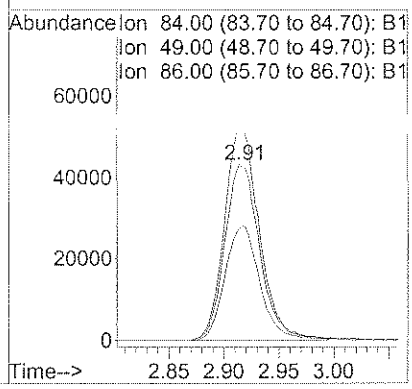




#18
Methylene Chloride
Concen: 19.48 ug/l
RT: 2.91 min Scan# 838
Delta R.T. 0.00 min
Lab File: B1015025.D
Acq: 15 Oct 2007 16:46

Tgt Ion: 84 Resp: 95823

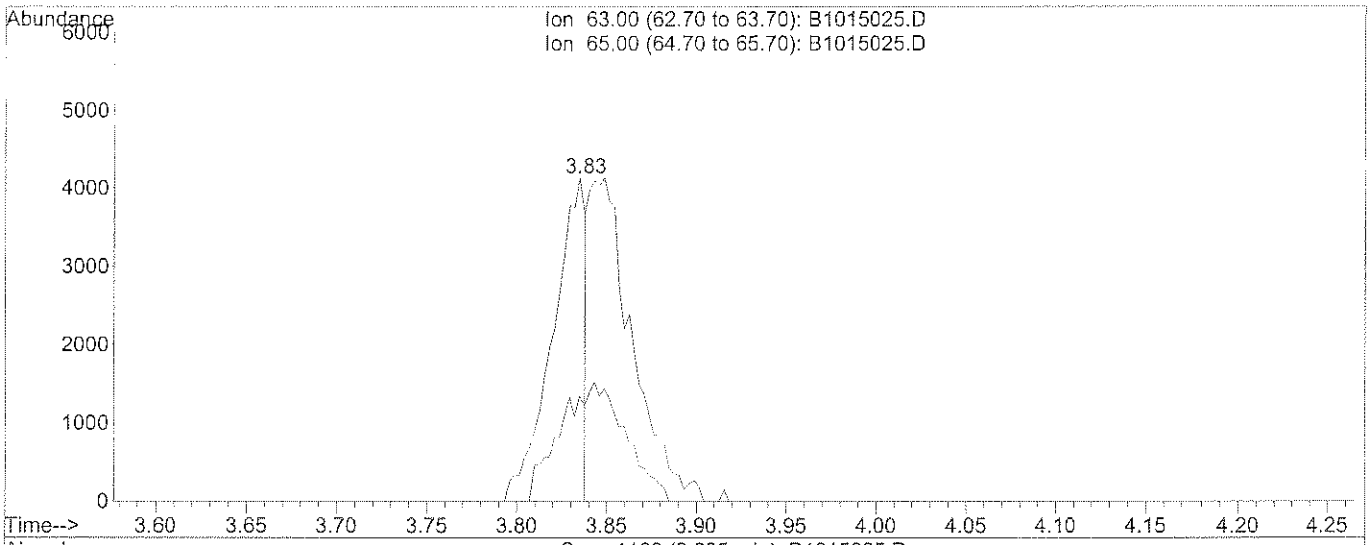
Ion	Ratio	Lower	Upper
84	100		
49	121.6	113.6	153.6
86	64.8	45.8	85.8

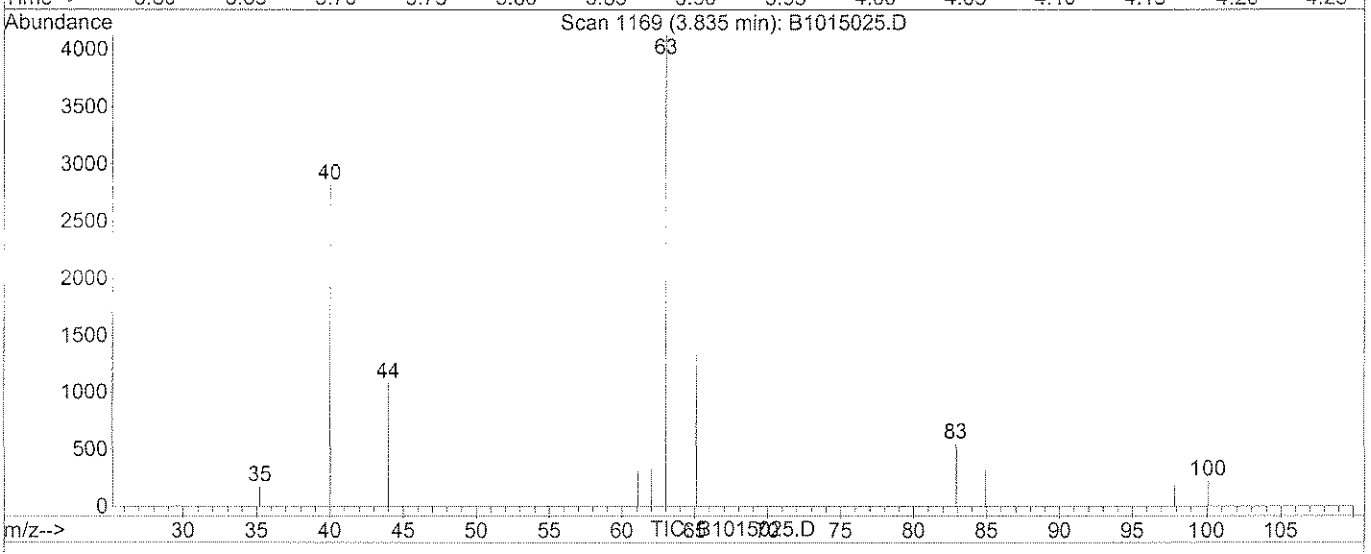


Quantitation Report (Qedit)

Data File : X:\MSVOA\BUDDHA\101507\B1015025.D Vial: 19
Acq On : 15 Oct 2007 16:46 Operator: LPM
Sample : TT02001-014DL2 Inst : Buddha
Misc : #4 2.93G/5ML+IS/SS(MV-8-42-9) Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Oct 16 6:30 2007 Quant Results File: temp.res

Method : X:\MSVOA\BUDDHA\QUANT\B8260S.M (RTE Integrator)
Title : VOA 8260- 5ML Soil Calibration 5973B
Last Update : Fri Sep 28 16:30:36 2007
Response via : Multiple Level Calibration





(23) 1,1-Dichloroethane (P)

3.83min 1.02ug/l

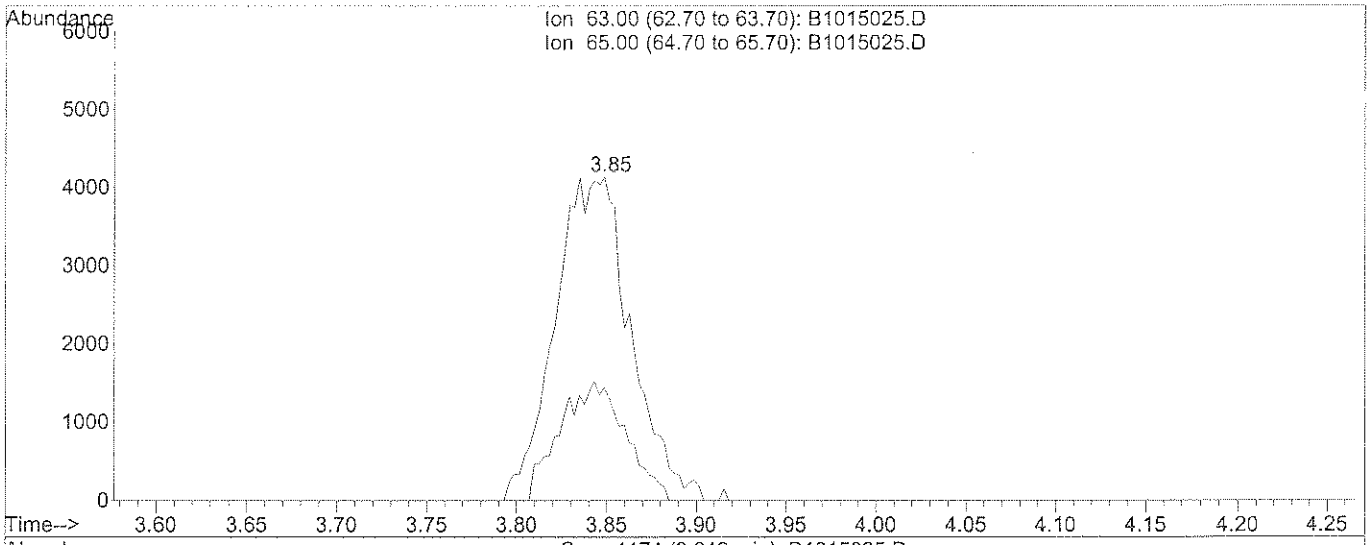
response 5195

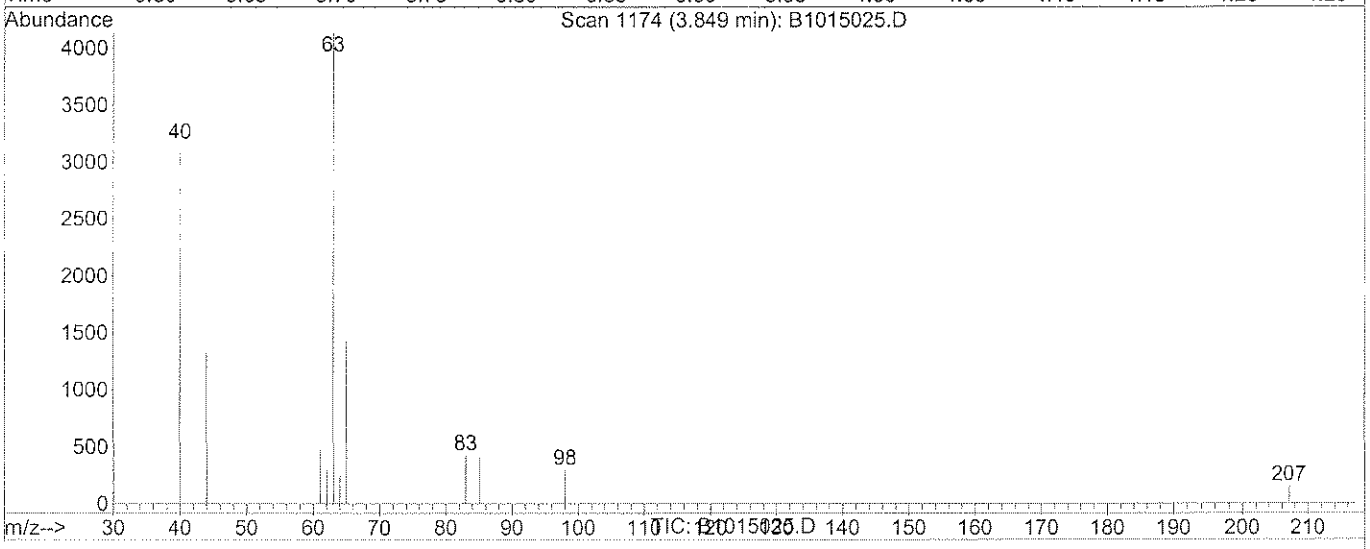
Ion	Exp%	Act%
63.00	100	100
65.00	30.20	23.23
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data File : X:\MSVOA\BUDDHA\101507\B1015025.D Vial: 19
Acq On : 15 Oct 2007 16:46 Operator: LPM
Sample : TT02001-014DL2 Inst : Buddha
Misc : #4 2.93G/5ML+IS/SS(MV-8-42-9) Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Oct 16 6:30 2007 Quant Results File: temp.res

Method : X:\MSVOA\BUDDHA\QUANT\B8260S.M (RTE Integrator)
Title : VOA 8260- 5ML Soil Calibration 5973B
Last Update : Fri Sep 28 16:30:36 2007
Response via : Multiple Level Calibration



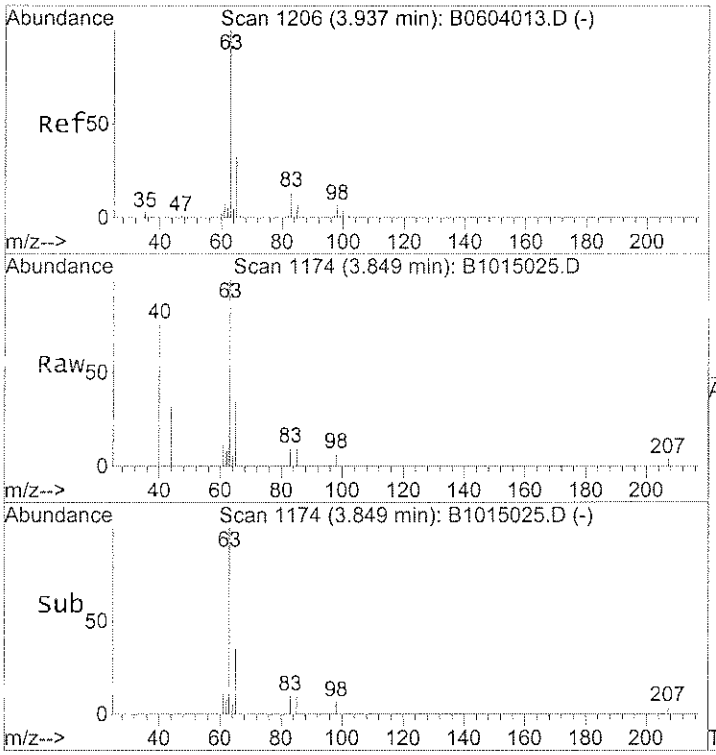


(23) 1,1-Dichloroethane (P)

3.85min 2.37ug/l m

response 12092

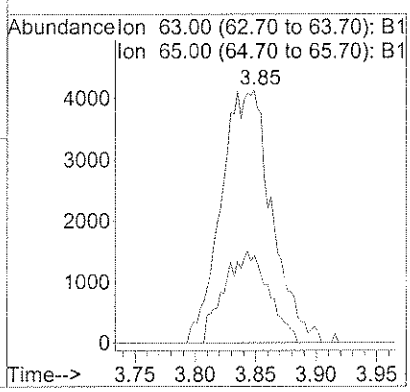
Ion	Exp%	Act%
63.00	100	100
65.00	30.20	9.98#
0.00	0.00	0.00
0.00	0.00	0.00

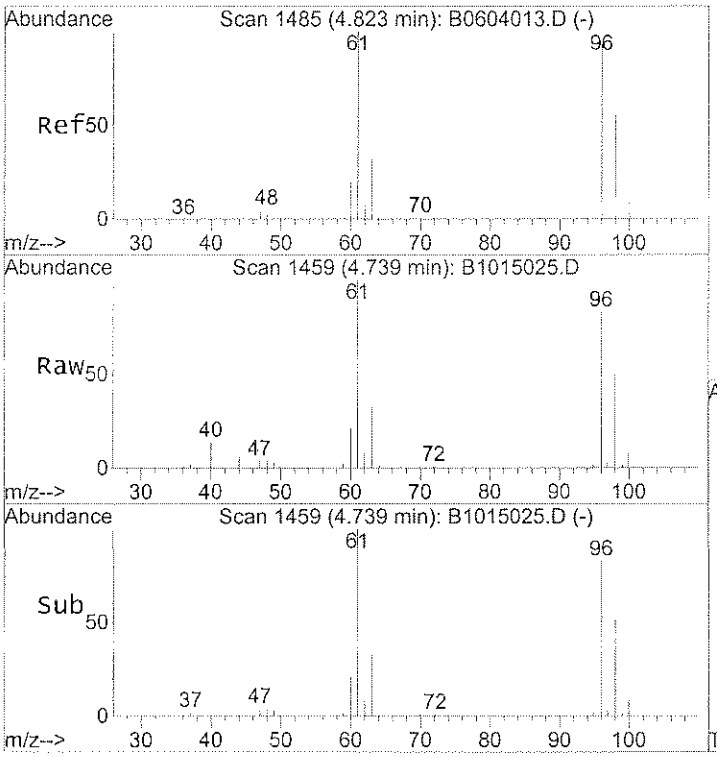


#23
1,1-Dichloroethane
Concen: 2.37 ug/l m
RT: 3.85 min Scan# 1174
Delta R.T. 0.01 min
Lab File: B1015025.D
Acq: 15 Oct 2007 16:46

Tgt Ion: 63 Resp: 12092

Ion	Ratio	Lower	Upper
63	100		
65	10.0	10.2	50.2#

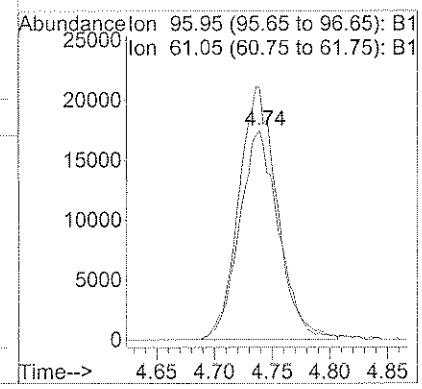


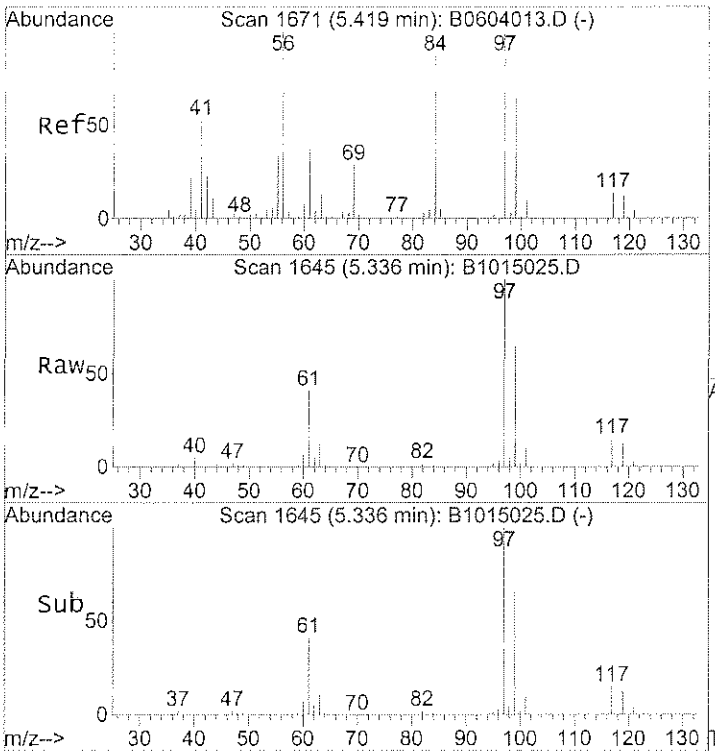


#29
cis-1,2-Dichloroethene
Concen: 12.23 ug/l
RT: 4.74 min Scan# 1459
Delta R.T. 0.00 min
Lab File: B1015025.D
Acq: 15 Oct 2007 16:46

Tgt Ion: 96 Resp: 40993

Ion	Ratio	Lower	Upper
96	100		
61	121.4	107.4	161.0

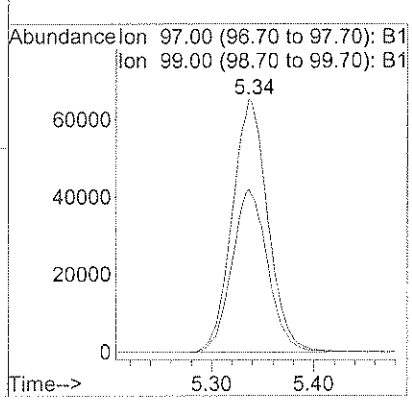


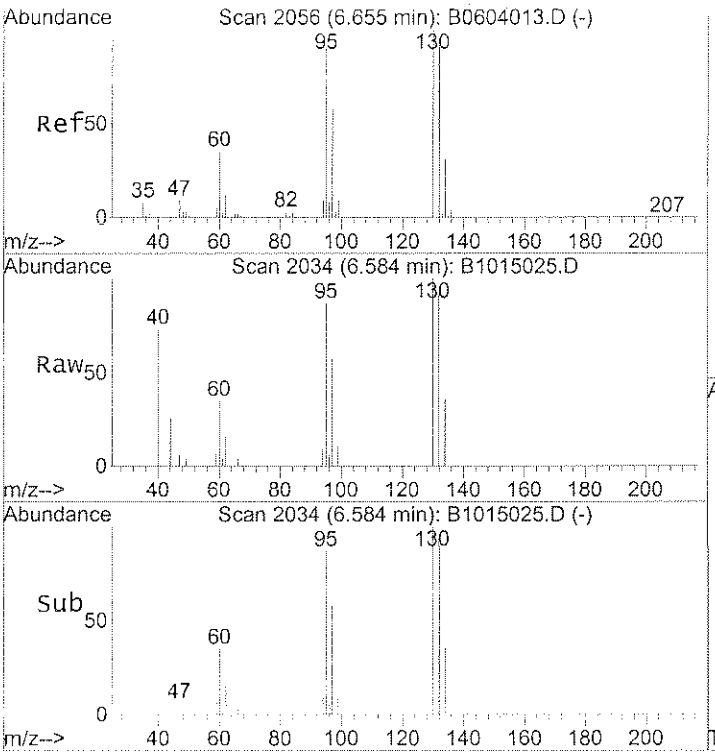


#35
1,1,1-Trichloroethane
Concen: 40.10 ug/l
RT: 5.34 min Scan# 1645
Delta R.T. 0.00 min
Lab File: B1015025.D
Acq: 15 Oct 2007 16:46

Tgt Ion: 97 Resp: 158982

Ion	Ratio	Lower	Upper
97	100		
99	64.7	40.3	80.3

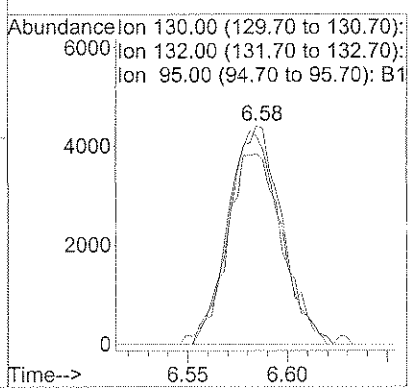




#45
Trichloroethene
Concen: 2.66 ug/l
RT: 6.58 min Scan# 2034
Delta R.T. 0.00 min
Lab File: B1015025.D
Acq: 15 Oct 2007 16:46

Tgt Ion:130 Resp: 8124

Ion	Ratio	Lower	Upper
130	100		
132	95.9	80.2	120.2
95	89.6	75.8	115.8



1

VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

08SSW014

Lab Name: _____ Contract: _____

SDG No.: TT02001 Run Sequence: R022318

Matrix: (SOIL/SED/WATER) Soil Lab Sample ID: TT02001-015

Sample wt/vol: 4.10 (g/mL) gm Lab File ID: B1009029.D

Level: (LOW/MED) _____ Date Collected: 10/04/2007

% Moisture: not dec. 17.0 Date/Time Analyzed: 10/09/2007 17:08

GC Column: ZB-624 20m ID: 0.18 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____(uL) Soil Aliquot Volume: _____(uL)

Heated Purge: (Y/N) Y

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/kg	Q
1330-20-7	XYLENES, TOTAL	1.5	U
75-71-8	DICHLORODIFLUOROMETHANE	1.5	U
74-87-3	CHLOROMETHANE	1.5	U
75-01-4	VINYL CHLORIDE	51	
74-83-9	BROMOMETHANE	1.5	U
75-00-3	CHLOROETHANE	700	E
75-69-4	TRICHLOROFLUOROMETHANE	1.5	U
75-35-4	1,1-DICHLOROETHENE	1.5	U
76-13-1	1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	1.5	U
67-64-1	ACETONE	170	B
75-15-0	CARBON DISULFIDE	1.5	U
79-20-9	METHYL ACETATE	1.5	U
75-09-2	METHYLENE CHLORIDE	1.5	U
1634-04-4	METHYL TERT-BUTYL ETHER	1.5	U
156-60-5	TRANS-1,2-DICHLOROETHENE	4.7	
75-34-3	1,1-DICHLOROETHANE	77	
156-59-2	CIS-1,2-DICHLOROETHENE	140	
78-93-3	2-BUTANONE	51	
67-66-3	CHLOROFORM	1.5	U
71-55-6	1,1,1-TRICHLOROETHANE	7.4	
110-82-7	CYCLOHEXANE	1.5	U
56-23-5	CARBON TETRACHLORIDE	1.5	U
71-43-2	BENZENE	1.5	U
107-06-2	1,2-DICHLOROETHANE	1.5	U
79-01-6	TRICHLOROETHENE	1.5	U
108-87-2	METHYLCYCLOHEXANE	1.5	U
78-87-5	1,2-DICHLOROPROPANE	1.5	U
75-27-4	BROMODICHLOROMETHANE	1.5	U
10061-01-	CIS-1,3-DICHLOROPROPENE	1.5	U

1

VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

08SSW014

Lab Name: _____ Contract: _____

SDG No.: TT02001 Run Sequence: R022318

Matrix: (SOIL/SED/WATER) Soil Lab Sample ID: TT02001-015

Sample wt/vol: 4.10 (g/mL) gm Lab File ID: B1009029.D

Level: (LOW/MED) _____ Date Collected: 10/04/2007

% Moisture: not dec. 17.0 Date/Time Analyzed: 10/09/2007 17:08

GC Column: ZB-624 20m ID: 0.18 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____(uL) Soil Aliquot Volume: _____(uL)

Heated Purge: (Y/N) Y

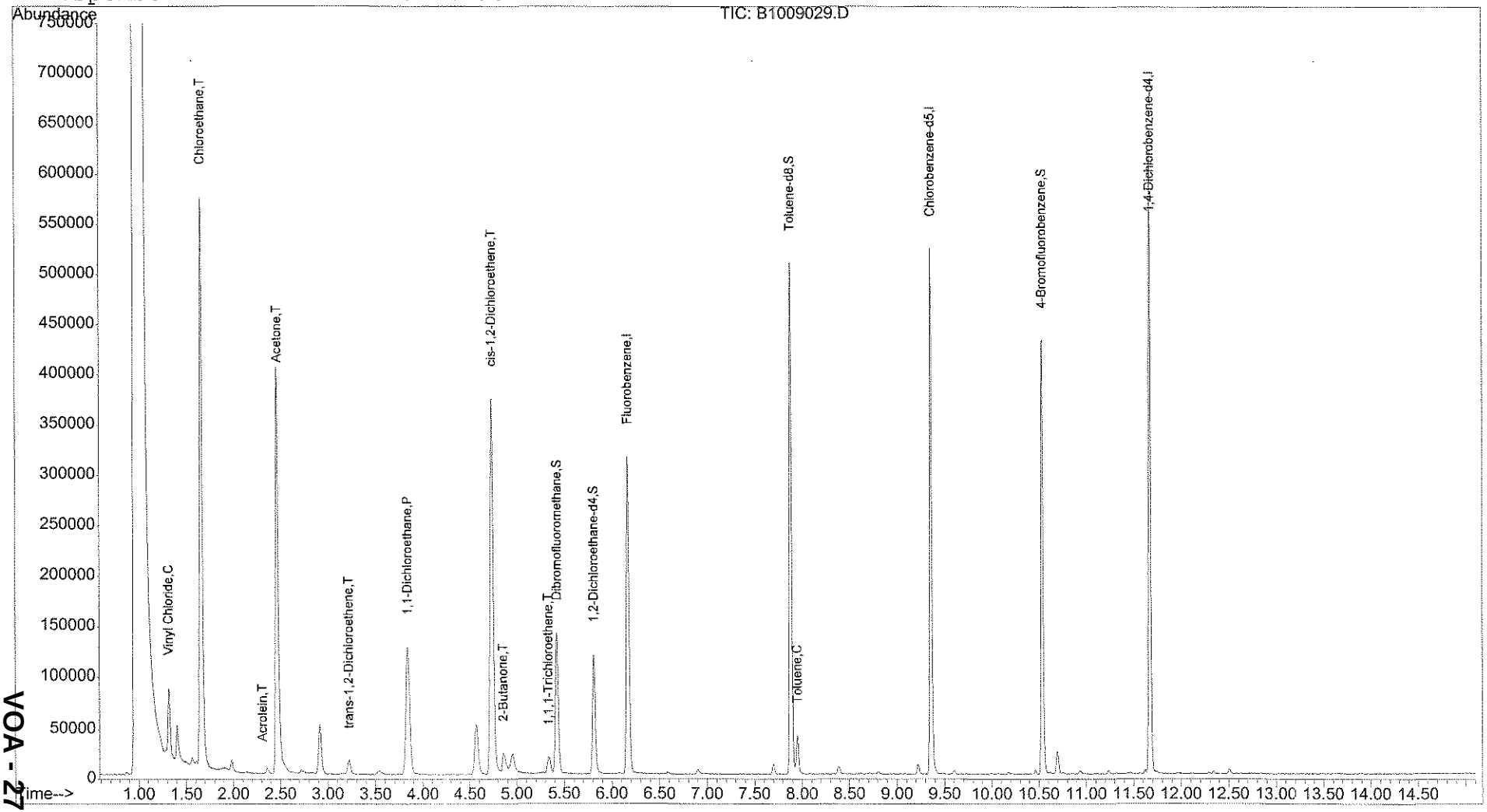
CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/kg	Q
108-10-1	4-METHYL-2-PENTANONE	1.5	U
108-88-3	TOLUENE	4.0	J
10061-02-	TRANS-1,3-DICHLOROPROPENE	1.5	U
79-00-5	1,1,2-TRICHLOROETHANE	1.5	U
127-18-4	TETRACHLOROETHENE	1.5	U
591-78-6	2-HEXANONE	1.5	U
124-48-1	DIBROMOCHLOROMETHANE	1.5	U
106-93-4	1,2-DIBROMOETHANE	1.5	U
108-90-7	CHLOROBENZENE	1.5	U
100-41-4	ETHYLBENZENE	1.5	U
179601-23	M,P-XYLENE	1.5	U
95-47-6	O-XYLENE	1.5	U
100-42-5	STYRENE	1.5	U
75-25-2	BROMOFORM	1.5	U
98-82-8	ISOPROPYLBENZENE	1.5	U
79-34-5	1,1,2,2-TETRACHLOROETHANE	1.5	U
541-73-1	1,3-DICHLOROBENZENE	1.5	U
106-46-7	1,4-DICHLOROBENZENE	1.5	U
95-50-1	1,2-DICHLOROBENZENE	1.5	U
96-12-8	1,2-DIBROMO-3-CHLOROPROPANE	1.5	U
120-82-1	1,2,4-TRICHLOROBENZENE	1.5	U

Comments:

Quantitation Report

Data File : X:\MSVOA\BUDDHA\100907\B1009029.D Vial: 23
Acq On : 9 Oct 2007 17:08 Operator: LPM
Sample : TT02001-015 Inst : Buddha
Misc : #2 4.10GM+ 5ML PFW+IS/SS Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Oct 10 8:09 2007 Quant Results File: B8260S.RES

Method : X:\MSVOA\BUDDHA\QUANT\B8260S.M (RTE Integrator)
Title : VOA 8260- 5ML Soil Calibration 5973B
Last Update : Fri Sep 28 16:30:36 2007
Response via : Initial Calibration



VOA - 276

Quantitation Report

Data File : X:\MSVOA\BUDDHA\100907\B1009029.D Vial: 23
Acq On : 9 Oct 2007 17:08 Operator: LPM
Sample : TT02001-015 Inst : Buddha
Misc : #2 4.10GM+ 5ML PFW+IS/SS Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Oct 10 8:09 2007 Quant Results File: B8260S.RES

Quant Method : X:\MSVOA\BUDDHA\QUANT\B8260S.M (RTE Integrator)
Title : VOA 8260- 5ML Soil Calibration 5973B
Last Update : Fri Sep 28 16:30:36 2007
Response via : Initial Calibration
DataAcq Meth : 8260
IS QA File : X:\MSVOA\BUDDHA\092807\B0928013.D (28 Sep 2007 12:55)

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min) Rcv(Ar)
1) Fluorobenzene	6.17	96	296453	50.00 ug/l	0.00 47.42%
54) Chlorobenzene-d5	9.36	117	282057	50.00 ug/l	0.00 55.93%
74) 1,4-Dichlorobenzene-d4	11.67	152	161110	50.00 ug/l	0.00 48.63%

System Monitoring Compounds					
37) Dibromofluoromethane	5.43	111	97799	58.47 ug/l	0.00
Spiked Amount 50.000	Range 65 - 135		Recovery = 116.94%		
40) 1,2-Dichloroethane-d4	5.81	65	83086	55.62 ug/l	0.00
Spiked Amount 50.000	Range 52 - 149		Recovery = 111.24%		
55) Toluene-d8	7.88	98	323111	50.49 ug/l	0.00
Spiked Amount 50.000	Range 85 - 115		Recovery = 100.98%		
76) 4-Bromofluorobenzene	10.53	95	126905	50.10 ug/l	0.00
Spiked Amount 50.000	Range 85 - 120		Recovery = 100.20%		

Target Compounds					Qvalue
2) Dichlorodifluoromethane	0.00	85	0	N.D.	
3) Chloromethane	0.00	50	0	N.D.	
4) Vinyl Chloride	1.32	62	69526	34.56 ug/l	96
5) Bromomethane	1.57	96	33	N.D.	
6) Chloroethane	1.66	64	555874	478.17 ug/l	98
7) Trichlorofluoromethane	1.85	101	28	N.D.	
8) Acrolein	2.30	56	635	2.24 ug/l #	65
9) 1,1-Dichloroethene	2.33	96	109	N.D.	
10) 1,1,2-Trichloro-1,2,2-trif	0.00	101	0	N.D.	
11) Acetone	2.48	43	78214	116.27 ug/l #	72
12) Iodomethane	0.00	142	0	N.D.	
13) Bromoethane	2.55	108	1093	N.D.	
14) Carbon Disulfide	2.54	76	2414	N.D.	
15) Allyl chloride	0.00	76	0	N.D.	
16) Acetonitrile	0.00	41	0	N.D. d	
17) Methyl Acetate	0.00	43	0	N.D.	
18) Methylene Chloride	2.91	84	26095	N.D.	
19) trans-1,2-Dichloroethene	3.22	96	6233	3.20 ug/l #	83
20) t-Butyl alcohol	3.21	59	226	N.D.	
21) Methyl tert-butyl ether	3.24	73	59	N.D.	
22) Acrylonitrile	0.00	53	0	N.D.	

(#) = qualifier out of range (m) = manual integration

Quantitation Report

Data File : X:\MSVOA\BUDDHA\100907\B1009029.D Vial: 23
Acq On : 9 Oct 2007 17:08 Operator: LPM
Sample : TT02001-015 Inst : Buddha
Misc : #2 4.10GM+ 5ML PFW+IS/SS Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Oct 10 8:09 2007 Quant Results File: B8260S.RES

Quant Method : X:\MSVOA\BUDDHA\QUANT\B8260S.M (RTE Integrator)
Title : VOA 8260- 5ML Soil Calibration 5973B
Last Update : Fri Sep 28 16:30:36 2007
Response via : Initial Calibration
DataAcq Meth : 8260

Compound	R.T.	QIon	Response	Conc Unit	Qvalue
23) 1,1-Dichloroethane	3.84	63	174743	52.18 ug/l	96
24) Chloroprene	0.00	53	0	N.D.	
25) Isopropyl ether	0.00	45	0	N.D.	
26) Vinyl acetate	0.00	43	0	N.D.	
27) Ethyl-t-butyl ether	4.57	59	3451	N.D.	
28) 2,2-Dichloropropane	4.60	77	127	N.D.	
29) cis-1,2-Dichloroethene	4.74	96	211500	95.99 ug/l	92
30) 2-Butanone	4.85	43	34142	34.93 ug/l #	93
31) Propionitrile	0.00	54	0	N.D.	
32) Bromochloromethane	0.00	128	0	N.D.	
33) Methacrylonitrile	5.11	41	29	N.D.	
34) Chloroform	5.21	83	308	N.D.	
35) 1,1,1-Trichloroethane	5.33	97	13117	5.03 ug/l	91
36) Cyclohexane	5.34	56	30	N.D.	
38) Carbon Tetrachloride	0.00	117	0	N.D.	
39) 1,1-Dichloropropene	5.54	75	46	N.D.	
41) Benzene	5.80	78	823	N.D.	
42) 1,2-Dichloroethane	5.90	62	358	N.D.	
43) t-Amyl methyl ether	0.00	73	0	N.D.	
44) Isobutanol	6.00	43	33	N.D.	
45) Trichloroethene	6.58	130	300	N.D.	
46) Methylcyclohexane	6.72	83	41	N.D.	
47) 1,2-Dichloropropane	0.00	63	0	N.D.	
48) Dibromomethane	0.00	93	0	N.D.	
49) Methyl methacrylate	7.02	41	30	N.D.	
50) Bromodichloromethane	0.00	83	0	N.D.	
51) 2-Chloroethyl vinyl ether	0.00	63	0	N.D.	
52) cis-1,3-Dichloropropene	0.00	75	0	N.D.	
53) 4-Methyl-2-pentanone	7.88	43	2170	N.D.	
56) Toluene	7.95	92	14183	2.73 ug/l	99
57) trans-1,3-Dichloropropene	0.00	75	0	N.D.	
58) Ethyl methacrylate	0.00	69	0	N.D.	
59) 1,1,2-Trichloroethane	0.00	97	0	N.D.	
60) Tetrachloroethene	8.50	166	30	N.D.	
61) 1,3-Dichloropropane	0.00	76	0	N.D.	
62) 2-Hexanone	8.71	43	869	N.D.	
63) Dibromochloromethane	0.00	129	0	N.D.	
64) 1,2-Dibromoethane	0.00	107	0	N.D.	
65) 1-Chlorohexane	9.35	91	512	N.D.	
66) Chlorobenzene	9.39	112	111	N.D.	
67) 1,1,1,2-Tetrachloroethane	0.00	131	0	N.D.	

(#) = qualifier out of range (m) = manual integration

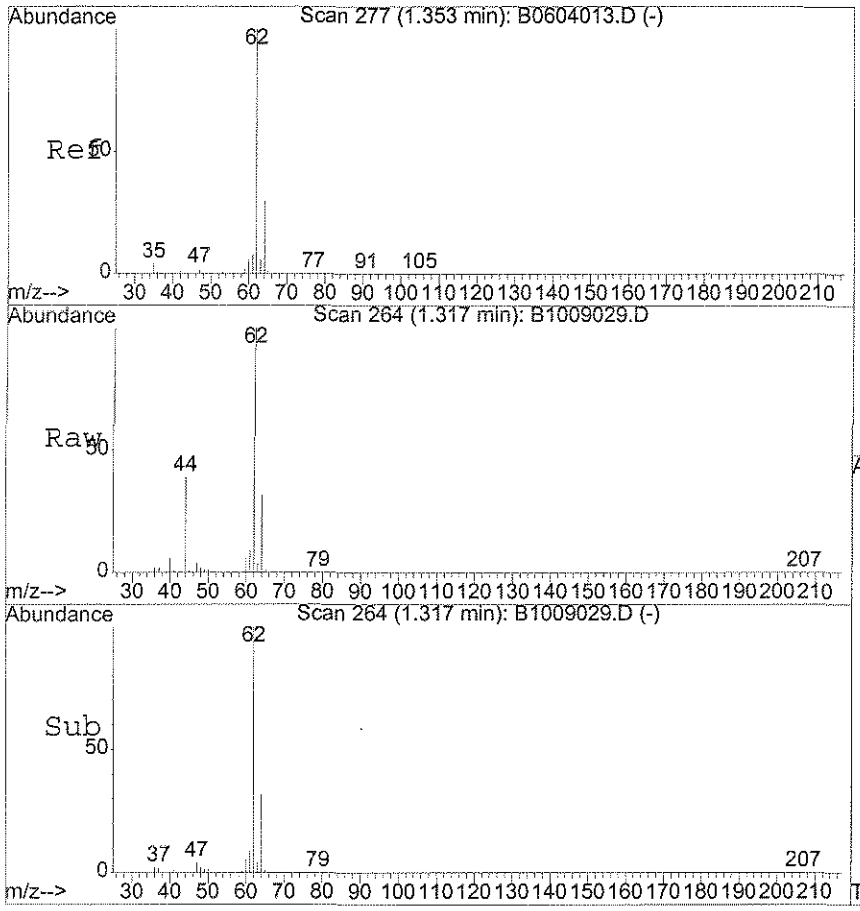
Quantitation Report

Data File : X:\MSVOA\BUDDHA\100907\B1009029.D Vial: 23
Acq On : 9 Oct 2007 17:08 Operator: LPM
Sample : TT02001-015 Inst : Buddha
Misc : #2 4.10GM+ 5ML PFW+IS/SS Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Oct 10 8:09 2007 Quant Results File: B8260S.RES

Quant Method : X:\MSVOA\BUDDHA\QUANT\B8260S.M (RTE Integrator)
Title : VOA 8260- 5ML Soil Calibration 5973B
Last Update : Fri Sep 28 16:30:36 2007
Response via : Initial Calibration
DataAcq Meth : 8260

	Compound	R.T.	QIon	Response	Conc Unit	Qvalue
68)	Ethylbenzene	9.49	91	1031	N.D.	
69)	m,p-Xylene	9.59	106	1128	N.D.	
70)	o-xylene	9.99	106	172	N.D.	
71)	Styrene	10.02	104	172	N.D.	
72)	Bromoform	0.00	173	0	N.D.	
73)	Isopropylbenzene	10.36	105	77	N.D.	
75)	trans-1,4-Dichloro-2-buten	0.00	53	0	N.D.	
77)	Bromobenzene	0.00	156	0	N.D.	
78)	1,1,2,2-Tetrachloroethane	10.62	83	47	N.D.	
79)	1,2,3-Trichloropropane	0.00	110	0	N.D.	
80)	n-Propylbenzene	10.76	120	34	N.D.	
81)	2-Chlorotoluene	10.86	91	31	N.D.	
82)	4-Chlorotoluene	10.98	91	156	N.D.	
83)	1,3,5-Trimethylbenzene	10.94	105	272	N.D.	
84)	tert-Butylbenzene	0.00	119	0	N.D.	
85)	1,2,4-Trimethylbenzene	11.31	105	458	N.D.	
86)	sec-butylbenzene	11.47	105	221	N.D.	
87)	1,3-Dichlorobenzene	11.60	146	59	N.D.	
88)	4-Isopropyltoluene	11.62	119	2429	N.D.	
89)	1,4-Dichlorobenzene	11.69	146	370	N.D.	
90)	1,2-Dichlorobenzene	12.07	146	65	N.D.	
91)	n-Butylbenzene	12.03	91	82	N.D.	
92)	1,2-Dibromo-3-chloropropan	0.00	75	0	N.D.	
93)	1,2,4-Trichlorobenzene	13.65	180	147	N.D.	
94)	Hexachlorobutadiene	0.00	225	0	N.D.	
95)	Naphthalene	13.89	128	1243	N.D.	
96)	1,2,3-Trichlorobenzene	14.14	180	103	N.D.	

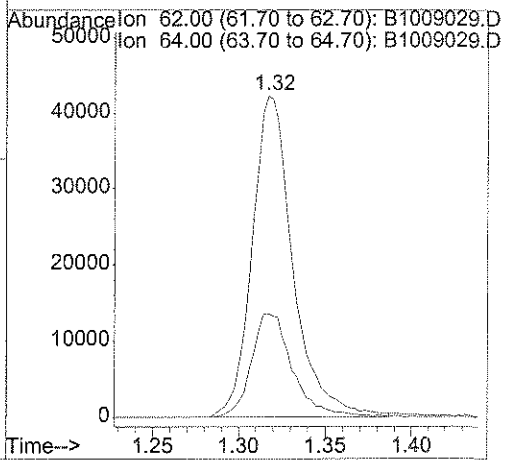
(#) = qualifier out of range (m) = manual integration

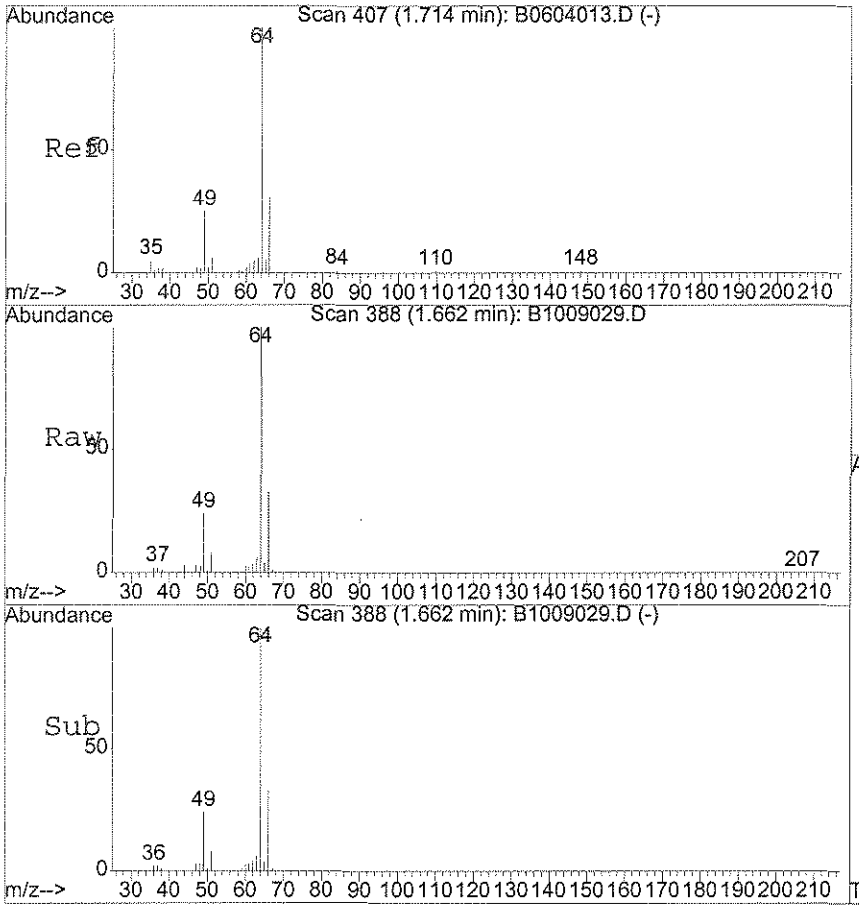


#4
Vinyl Chloride
Concen: 34.56 ug/l
RT: 1.32 min Scan# 264
Delta R.T. 0.01 min
Lab File: B1009029.D
Acq: 9 Oct 2007 17:08

Tgt Ion: 62 Resp: 69526

Ion	Ratio	Lower	Upper
62	100		
64	32.4	10.2	50.2

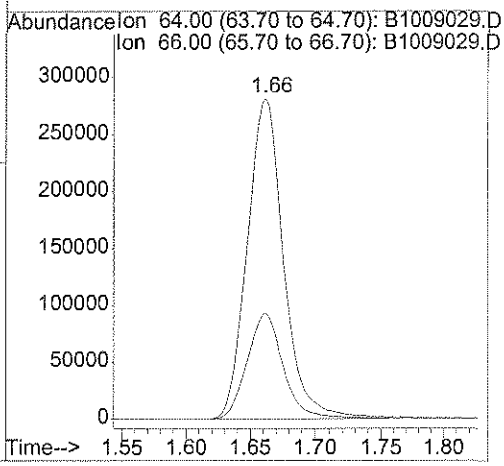


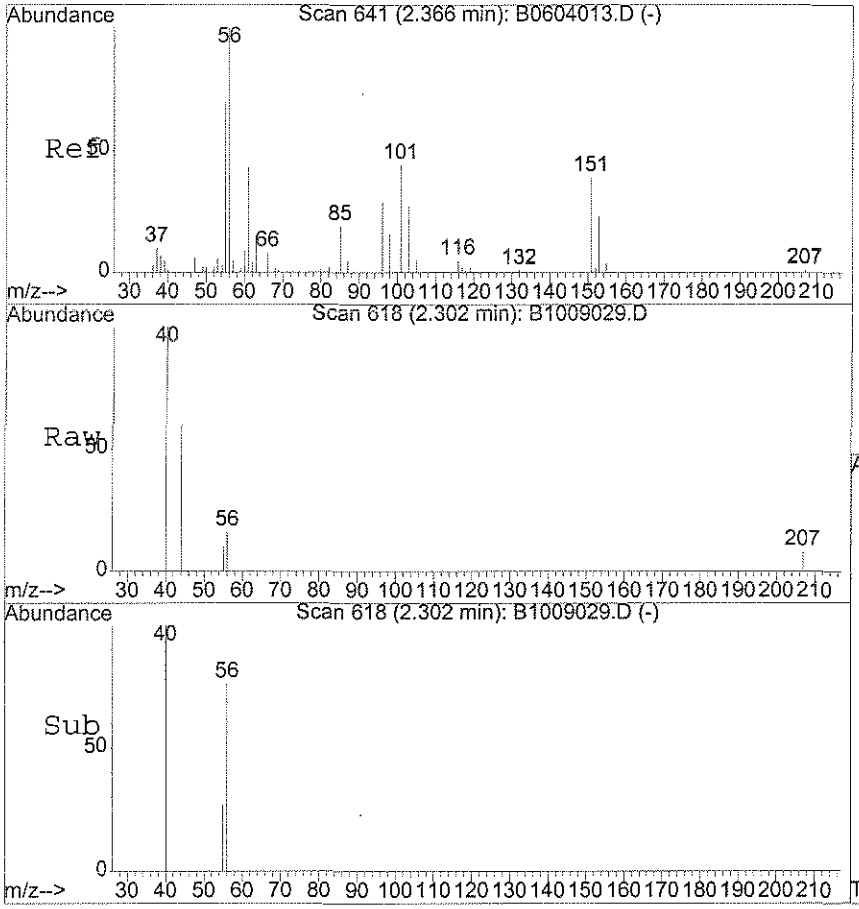


#6
Chloroethane
Concen: 478.17 ug/l
RT: 1.66 min Scan# 388
Delta R.T. 0.01 min
Lab File: B1009029.D
Acq: 9 Oct 2007 17:08

Tgt Ion: 64 Resp: 555874

Ion	Ratio	Lower	Upper
64	100		
66	32.8	11.6	51.6

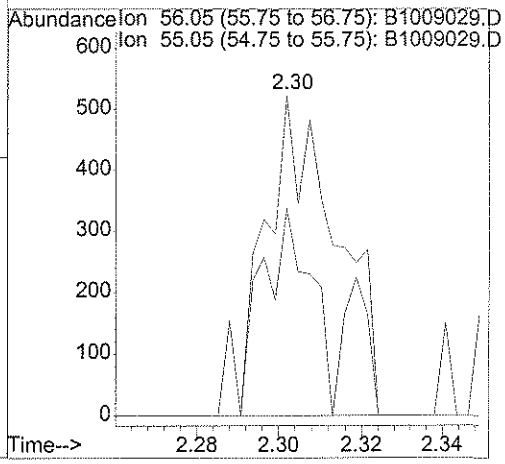


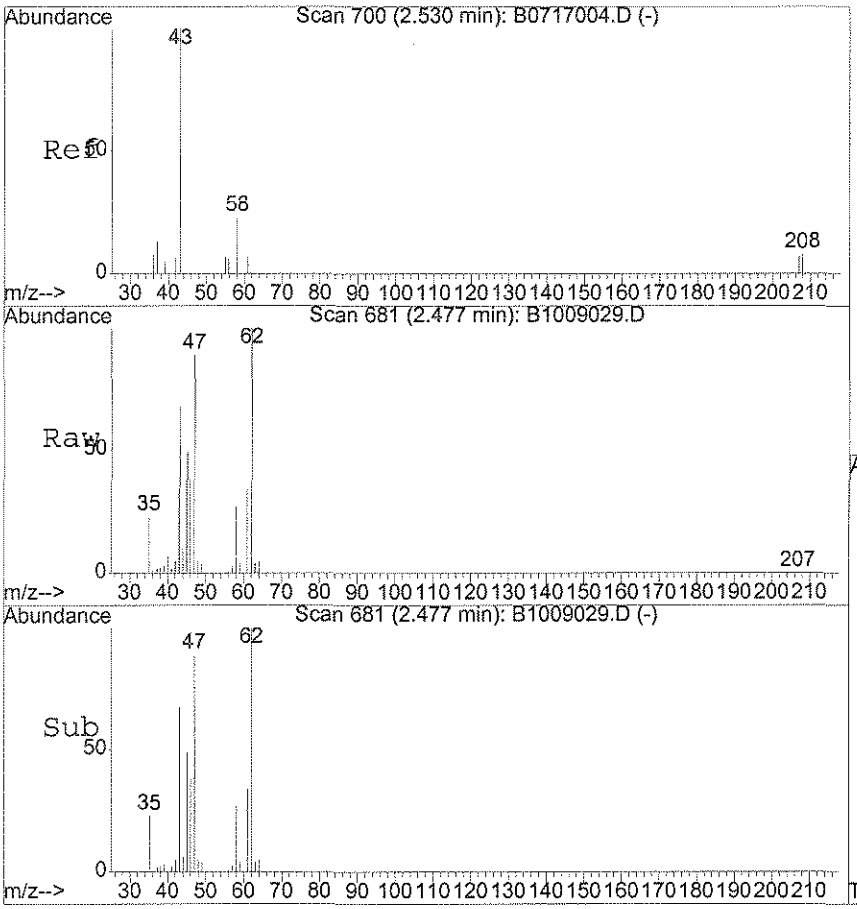


#8
Acrolein
Concen: 2.24 ug/l
RT: 2.30 min Scan# 618
Delta R.T. 0.01 min
Lab File: B1009029.D
Acq: 9 Oct 2007 17:08

Tgt Ion: 56 Resp: 635

Ion	Ratio	Lower	Upper
56	100		
55	44.1	59.1	88.7#

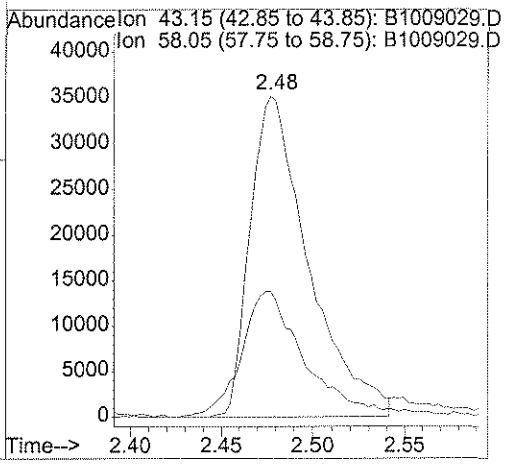


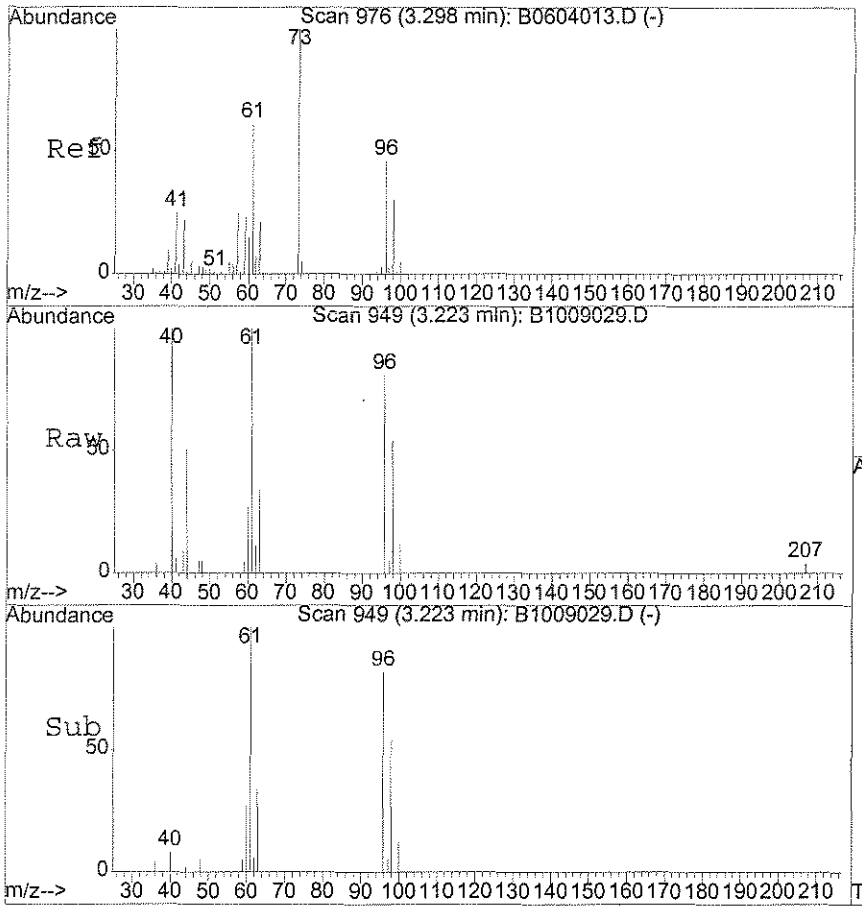


#11
Acetone
Concen: 116.27 ug/l
RT: 2.48 min Scan# 681
Delta R.T. 0.00 min
Lab File: B1009029.D
Acq: 9 Oct 2007 17:08

Tgt Ion: 43 Resp: 78214

Ion	Ratio	Lower	Upper
43	100		
58	42.3	22.0	33.0#

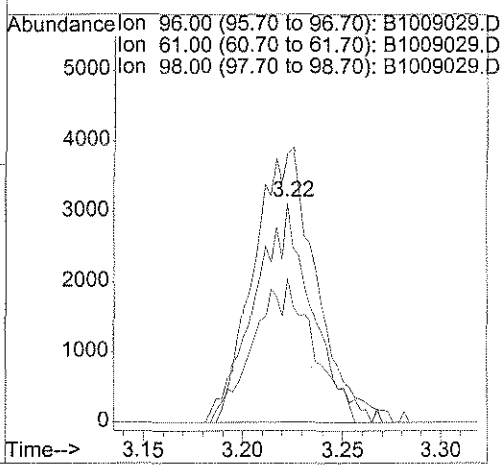


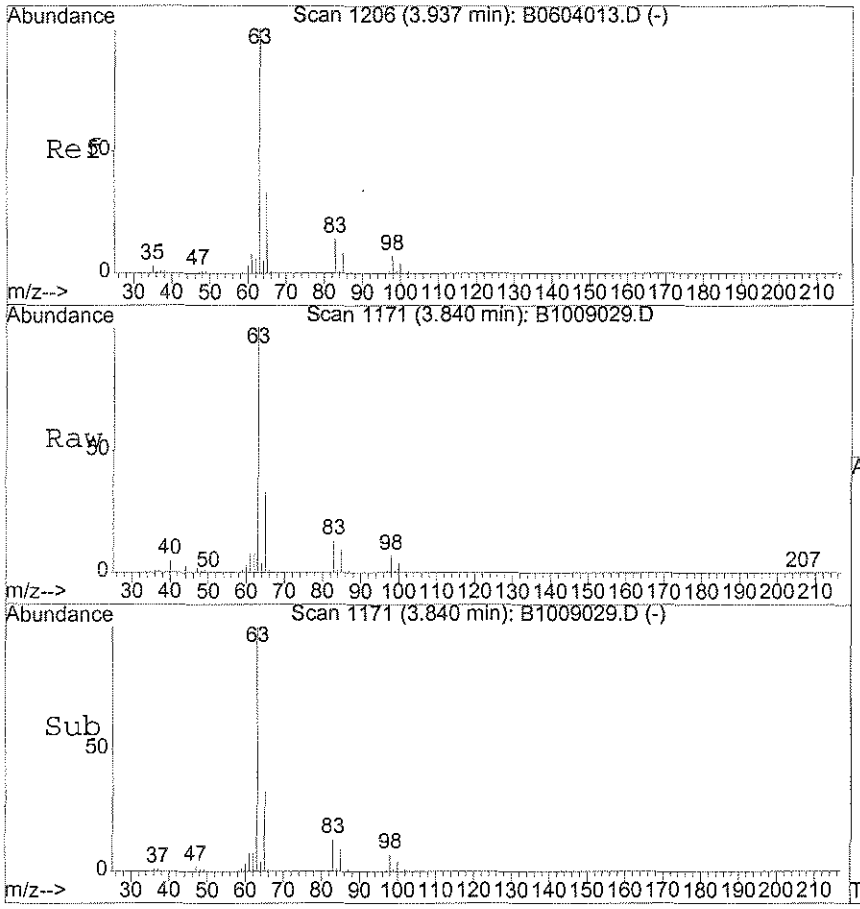


#19
trans-1,2-Dichloroethene
Concen: 3.20 ug/l
RT: 3.22 min Scan# 949
Delta R.T. 0.01 min
Lab File: B1009029.D
Acq: 9 Oct 2007 17:08

Tgt Ion: 96 Resp: 6233

Ion	Ratio	Lower	Upper
96	100		
61	138.5	130.0	170.0
98	34.1	42.9	82.9#

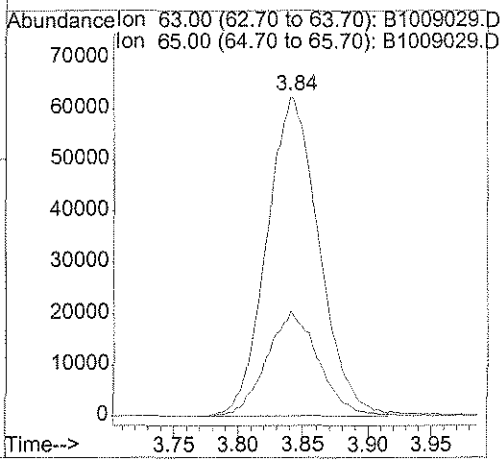


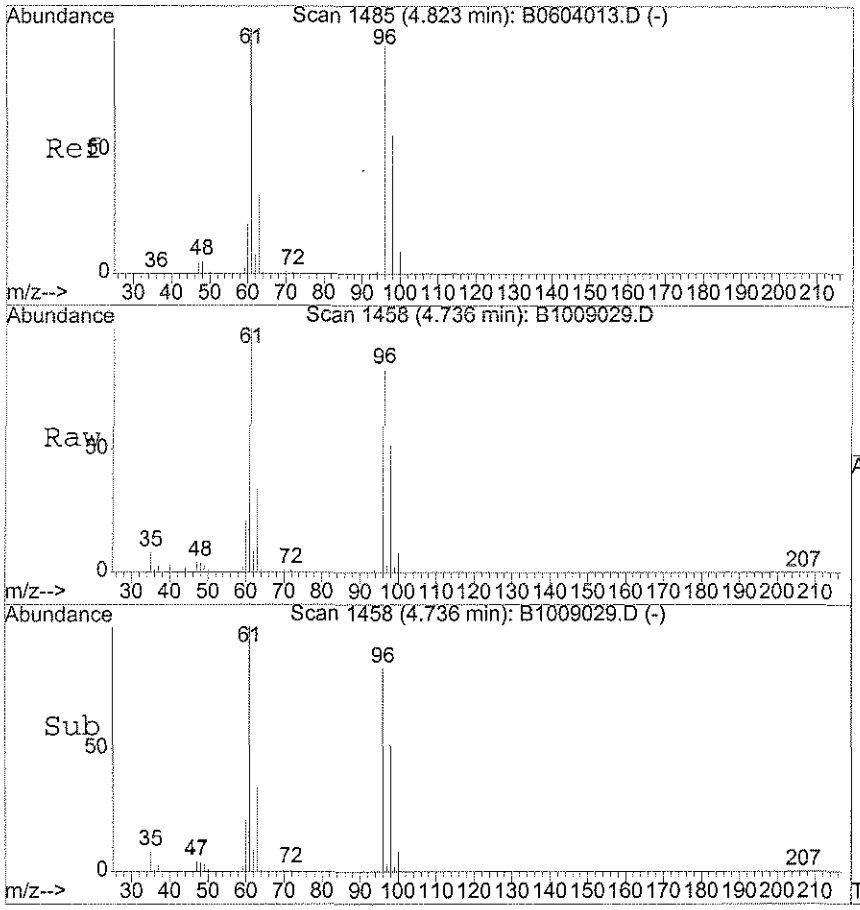


#23
1,1-Dichloroethane
Concen: 52.18 ug/l
RT: 3.84 min Scan# 1171
Delta R.T. 0.01 min
Lab File: B1009029.D
Acq: 9 Oct 2007 17:08

Tgt Ion: 63 Resp: 174743

Ion	Ratio	Lower	Upper
63	100		
65	32.4	10.2	50.2

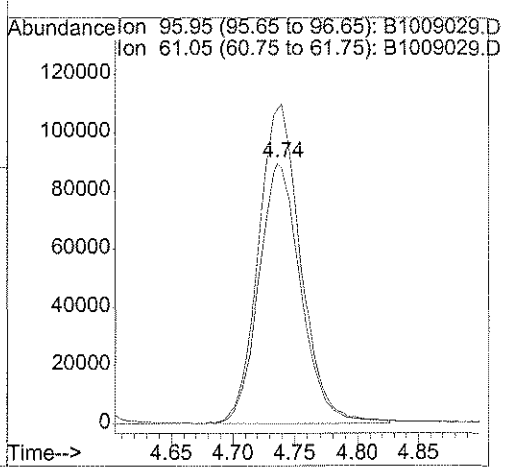


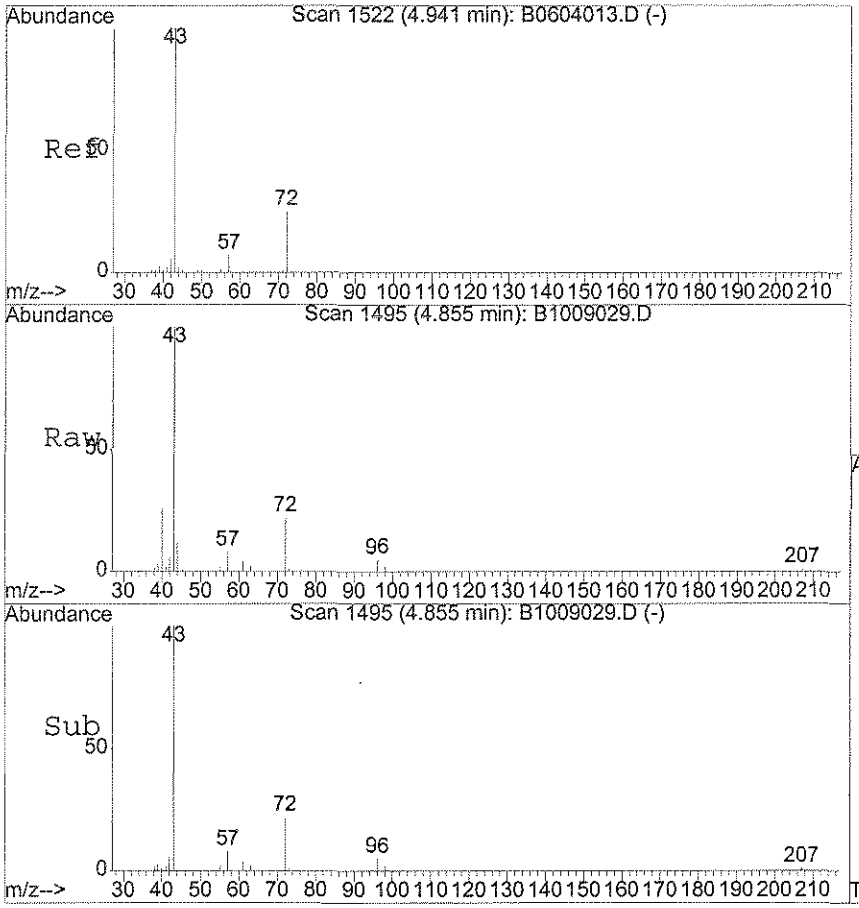


#29
cis-1,2-Dichloroethene
Concen: 95.99 ug/l
RT: 4.74 min Scan# 1458
Delta R.T. 0.00 min
Lab File: B1009029.D
Acq: 9 Oct 2007 17:08

Tgt Ion: 96 Resp: 211500

Ion	Ratio	Lower	Upper
96	100		
61	124.2	107.4	161.0

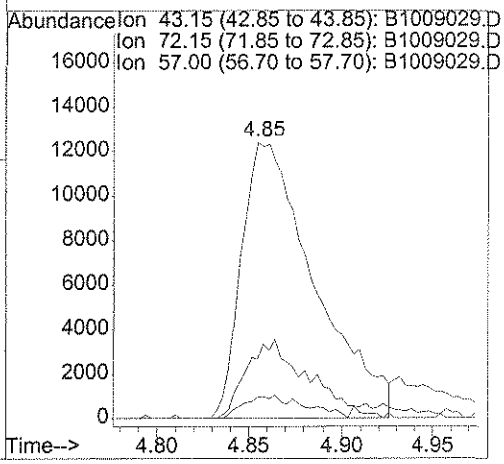


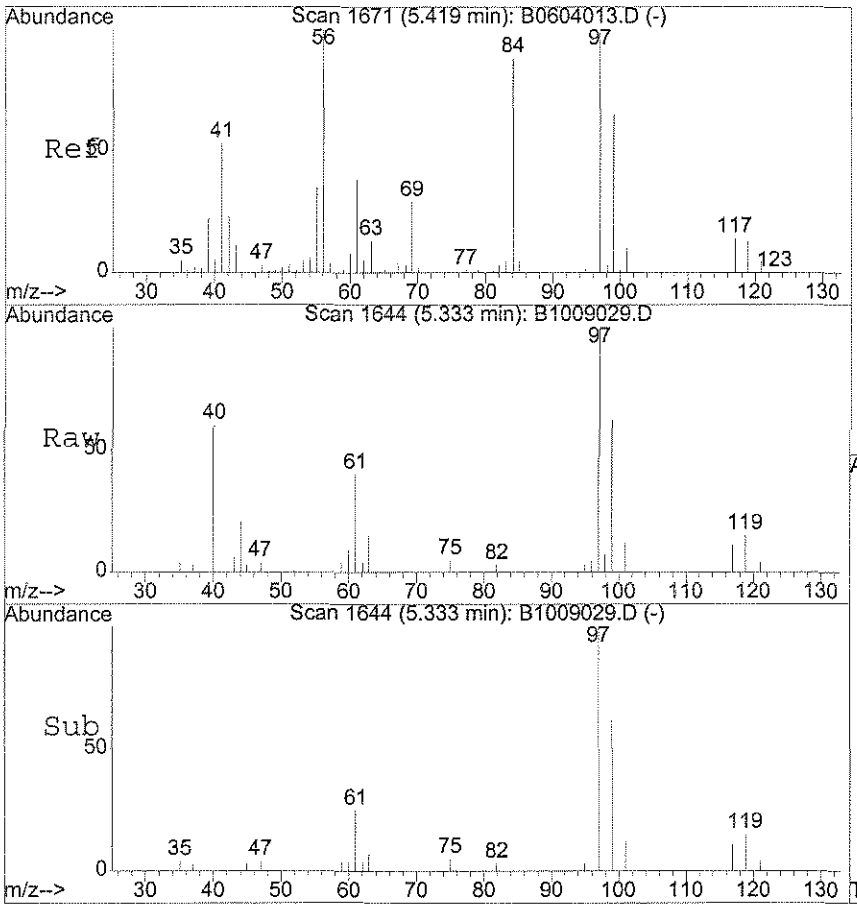


#30
2-Butanone
Concen: 34.93 ug/l
RT: 4.85 min Scan# 1495
Delta R.T. -0.00 min
Lab File: B1009029.D
Acq: 9 Oct 2007 17:08

Tgt Ion: 43 Resp: 34142

Ion	Ratio	Lower	Upper
43	100		
72	23.7	16.7	25.1
57	4.4	6.1	9.1#

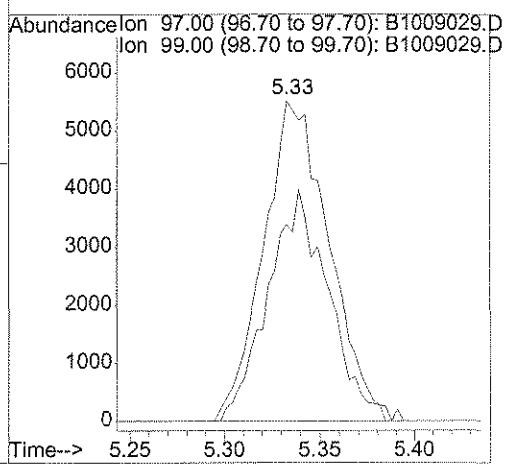


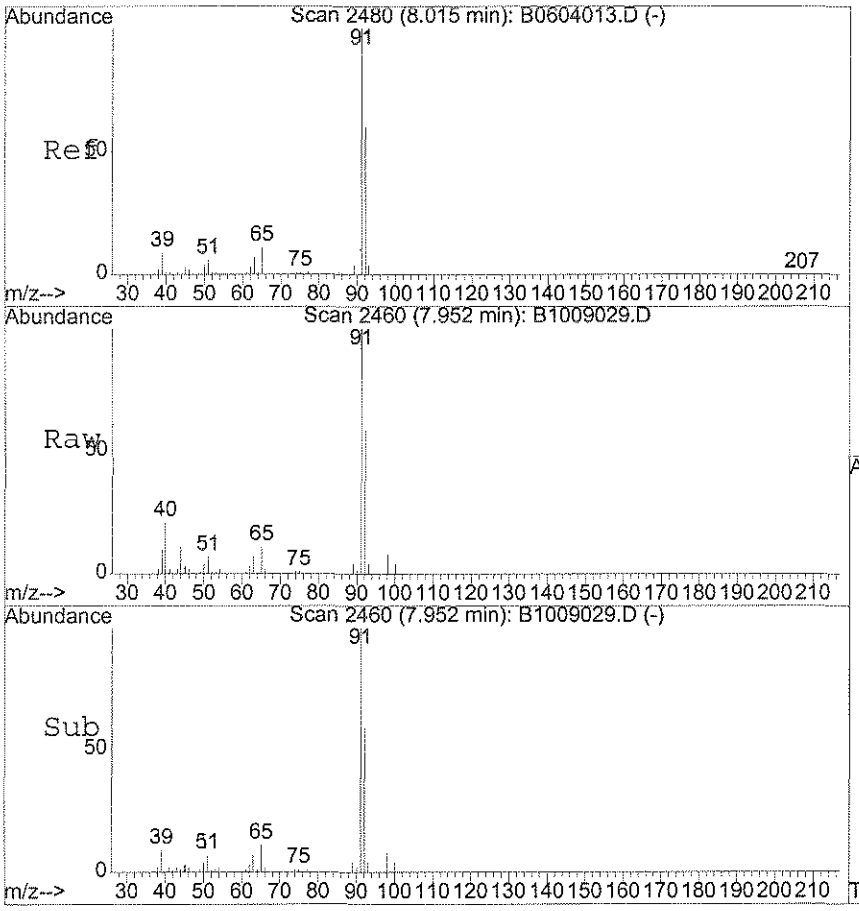


#35
1,1,1-Trichloroethane
Concen: 5.03 ug/l
RT: 5.33 min Scan# 1644
Delta R.T. 0.00 min
Lab File: B1009029.D
Acq: 9 Oct 2007 17:08

Tgt Ion: 97 Resp: 13117

Ion	Ratio	Lower	Upper
97	100		
99	66.9	40.3	80.3

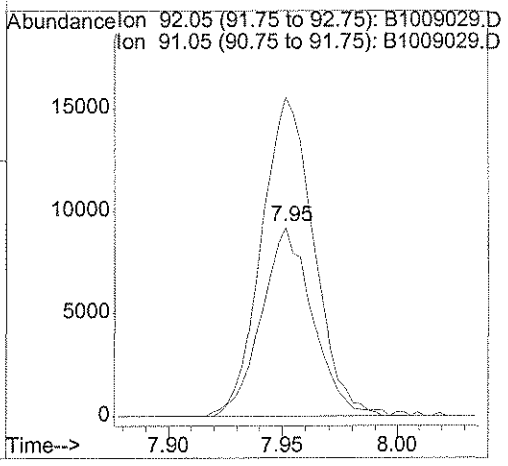




#56
Toluene
Concen: 2.73 ug/l
RT: 7.95 min Scan# 2460
Delta R.T. 0.00 min
Lab File: B1009029.D
Acq: 9 Oct 2007 17:08

Tgt Ion: 92 Resp: 14183

Ion	Ratio	Lower	Upper
92	100		
91	173.7	137.6	206.4



1

VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

08SSW014DL

Lab Name: _____ Contract: _____

SDG No.: TT02001 Run Sequence: R022374

Matrix: (SOIL/SED/WATER) Soil Lab Sample ID: TT02001-015DL

Sample wt/vol: 1.19 (g/mL) gm Lab File ID: B1010018.D

Level: (LOW/MED) _____ Date Collected: 10/04/2007

% Moisture: not dec. 17.0 Date/Time Analyzed: 10/10/2007 13:13

GC Column: ZB-624 20m ID: 0.18 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____(uL) Soil Aliquot Volume: _____(uL)

Heated Purge: (Y/N) Y

CAS NO.	COMPOUND	CONCENTRATION UNITS: ug/kg	Q
1330-20-7	XYLENES, TOTAL	5.1	U
75-71-8	DICHLORODIFLUOROMETHANE	5.1	U
74-87-3	CHLOROMETHANE	5.1	U
75-01-4	VINYL CHLORIDE	33	
74-83-9	BROMOMETHANE	5.1	U
75-00-3	CHLOROETHANE	290	
75-69-4	TRICHLOROFLUOROMETHANE	5.1	U
75-35-4	1,1-DICHLOROETHENE	5.1	U
76-13-1	1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	5.1	U
67-64-1	ACETONE	210	B
75-15-0	CARBON DISULFIDE	5.1	U
79-20-9	METHYL ACETATE	5.1	U
75-09-2	METHYLENE CHLORIDE	19	B
1634-04-4	METHYL TERT-BUTYL ETHER	5.1	U
156-60-5	TRANS-1,2-DICHLOROETHENE	5.1	U
75-34-3	1,1-DICHLOROETHANE	37	
156-59-2	CIS-1,2-DICHLOROETHENE	7.3	J
78-93-3	2-BUTANONE	63	
67-66-3	CHLOROFORM	5.1	U
71-55-6	1,1,1-TRICHLOROETHANE	5.1	U
110-82-7	CYCLOHEXANE	5.1	U
56-23-5	CARBON TETRACHLORIDE	5.1	U
71-43-2	BENZENE	5.1	U
107-06-2	1,2-DICHLOROETHANE	5.1	U
79-01-6	TRICHLOROETHENE	5.1	U
108-87-2	METHYLCYCLOHEXANE	5.1	U
78-87-5	1,2-DICHLOROPROPANE	5.1	U
75-27-4	BROMODICHLOROMETHANE	5.1	U
10061-01-	CIS-1,3-DICHLOROPROPENE	5.1	U

1

VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

08SSW014DL

Lab Name: _____ Contract: _____

SDG No.: TT02001 Run Sequence: R022374

Matrix: (SOIL/SED/WATER) Soil Lab Sample ID: TT02001-015DL

Sample wt/vol: 1.19 (g/mL) gm Lab File ID: B1010018.D

Level: (LOW/MED) _____ Date Collected: 10/04/2007

% Moisture: not dec. 17.0 Date/Time Analyzed: 10/10/2007 13:13

GC Column: ZB-624 20m ID: 0.18 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____(uL) Soil Aliquot Volume: _____(uL)

Heated Purge: (Y/N) Y

CAS NO.	COMPOUND	CONCENTRATION UNITS: ug/kg	Q
108-10-1	4-METHYL-2-PENTANONE	5.1	U
108-88-3	TOLUENE	5.1	U
10061-02-	TRANS-1,3-DICHLOROPROPENE	5.1	U
79-00-5	1,1,2-TRICHLOROETHANE	5.1	U
127-18-4	TETRACHLOROETHENE	5.1	U
591-78-6	2-HEXANONE	5.1	U
124-48-1	DIBROMOCHLOROMETHANE	5.1	U
106-93-4	1,2-DIBROMOETHANE	5.1	U
108-90-7	CHLOROBENZENE	5.1	U
100-41-4	ETHYLBENZENE	5.1	U
179601-23	M,P-XYLENE	5.1	U
95-47-6	O-XYLENE	5.1	U
100-42-5	STYRENE	5.1	U
75-25-2	BROMOFORM	5.1	U
98-82-8	ISOPROPYLBENZENE	5.1	U
79-34-5	1,1,2,2-TETRACHLOROETHANE	5.1	U
541-73-1	1,3-DICHLOROBENZENE	5.1	U
106-46-7	1,4-DICHLOROBENZENE	5.1	U
95-50-1	1,2-DICHLOROBENZENE	5.1	U
96-12-8	1,2-DIBROMO-3-CHLOROPROPANE	5.1	U
120-82-1	1,2,4-TRICHLOROBENZENE	5.1	U

Comments:

1

VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

08SSW014DL

Lab Name: _____ Contract: _____

SDG No.: TT02001 Run Sequence: R022374

Matrix: (SOIL/SED/WATER) Soil Lab Sample ID: TT02001-015DL

Sample wt/vol: 1.19 (g/mL) gm Lab File ID: B1010018.D

Level: (LOW/MED) _____ Date Collected: 10/04/2007

% Moisture: not dec. 17.0 Date/Time Analyzed: 10/10/2007 13:13

GC Column: ZB-624 20m ID: 0.18 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____(uL) Soil Aliquot Volume: _____(uL)

Heated Purge: (Y/N) Y

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/kg	Q
1330-20-7	XYLENES, TOTAL	5.1	U
75-71-8	DICHLORODIFLUOROMETHANE	5.1	U
74-87-3	CHLOROMETHANE	5.1	U
75-01-4	VINYL CHLORIDE	33	
74-83-9	BROMOMETHANE	5.1	U
75-00-3	CHLOROETHANE	290	
75-69-4	TRICHLOROFLUOROMETHANE	5.1	U
75-35-4	1,1-DICHLOROETHENE	5.1	U
76-13-1	1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	5.1	U
67-64-1	ACETONE	210	B
75-15-0	CARBON DISULFIDE	5.1	U
79-20-9	METHYL ACETATE	5.1	U
75-09-2	METHYLENE CHLORIDE	19	B
1634-04-4	METHYL TERT-BUTYL ETHER	5.1	U
156-60-5	TRANS-1,2-DICHLOROETHENE	5.1	U
75-34-3	1,1-DICHLOROETHANE	37	
156-59-2	CIS-1,2-DICHLOROETHENE	5.1	U
78-93-3	2-BUTANONE	63	
67-66-3	CHLOROFORM	5.1	U
71-55-6	1,1,1-TRICHLOROETHANE	5.1	U
110-82-7	CYCLOHEXANE	5.1	U
56-23-5	CARBON TETRACHLORIDE	5.1	U
71-43-2	BENZENE	5.1	U
107-06-2	1,2-DICHLOROETHANE	5.1	U
79-01-6	TRICHLOROETHENE	5.1	U
108-87-2	METHYLCYCLOHEXANE	5.1	U
78-87-5	1,2-DICHLOROPROPANE	5.1	U
75-27-4	BROMODICHLOROMETHANE	5.1	U
10061-01-	CIS-1,3-DICHLOROPROPENE	5.1	U

1

VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

08SSW014DL

Lab Name: _____ Contract: _____

SDG No.: TT02001 Run Sequence: R022374

Matrix: (SOIL/SED/WATER) Soil Lab Sample ID: TT02001-015DL

Sample wt/vol: 1.19 (g/mL) gm Lab File ID: B1010018.D

Level: (LOW/MED) _____ Date Collected: 10/04/2007

% Moisture: not dec. 17.0 Date/Time Analyzed: 10/10/2007 13:13

GC Column: ZB-624 20m ID: 0.18 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____(uL) Soil Aliquot Volume: _____(uL)

Heated Purge: (Y/N) Y

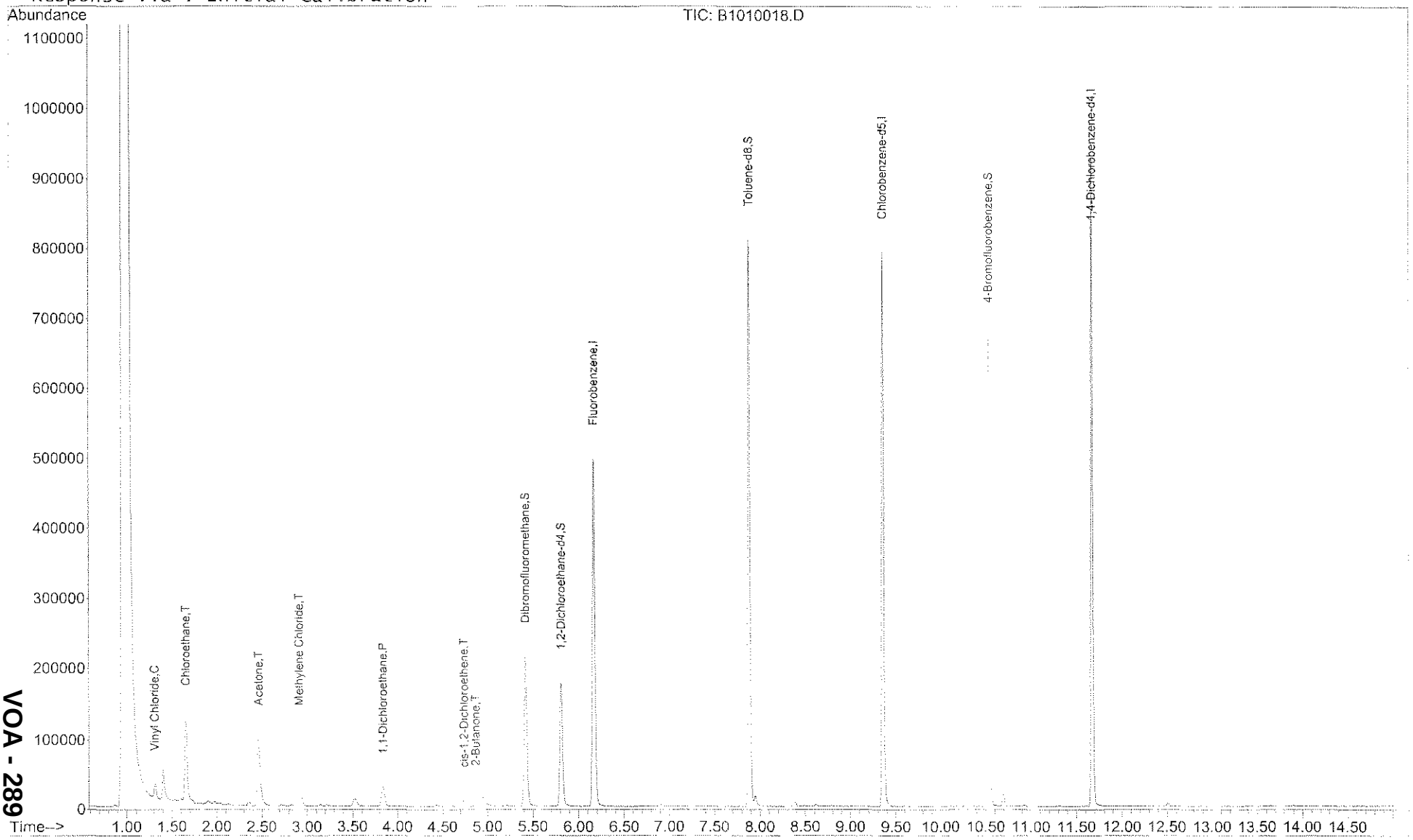
CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/kg	Q
108-10-1	4-METHYL-2-PENTANONE	5.1	U
108-88-3	TOLUENE	5.1	U
10061-02-	TRANS-1,3-DICHLOROPROPENE	5.1	U
79-00-5	1,1,2-TRICHLOROETHANE	5.1	U
127-18-4	TETRACHLOROETHENE	5.1	U
591-78-6	2-HEXANONE	5.1	U
124-48-1	DIBROMOCHLOROMETHANE	5.1	U
106-93-4	1,2-DIBROMOETHANE	5.1	U
108-90-7	CHLOROBENZENE	5.1	U
100-41-4	ETHYLBENZENE	5.1	U
179601-23	M,P-XYLENE	5.1	U
95-47-6	O-XYLENE	5.1	U
100-42-5	STYRENE	5.1	U
75-25-2	BROMOFORM	5.1	U
98-82-8	ISOPROPYLBENZENE	5.1	U
79-34-5	1,1,2,2-TETRACHLOROETHANE	5.1	U
541-73-1	1,3-DICHLOROBENZENE	5.1	U
106-46-7	1,4-DICHLOROBENZENE	5.1	U
95-50-1	1,2-DICHLOROBENZENE	5.1	U
96-12-8	1,2-DIBROMO-3-CHLOROPROPANE	5.1	U
120-82-1	1,2,4-TRICHLOROBENZENE	5.1	U

Comments:

Quantitation Report

Data File : X:\MSVOA\BUDDHA\101007\B1010018.D Vial: 14
Acq On : 10 Oct 2007 13:13 Operator: LPM
Sample : TT02001-015DL Inst : Buddha
Misc : #1 1.19G+ 5ML+IS/SS Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Oct 11 5:40 2007 Quant Results File: B8260S.RES

Method : X:\MSVOA\BUDDHA\QUANT\B8260S.M (RTE Integrator)
Title : VOA 8260- 5ML Soil Calibration 5973B
Last Update : Fri Sep 28 16:30:36 2007
Response via : Initial Calibration



Quantitation Report

Data File : X:\MSVOA\BUDDHA\101007\B1010018.D Vial: 14
Acq On : 10 Oct 2007 13:13 Operator: LPM
Sample : TT02001-015DL Inst : Buddha
Misc : #1 1.19G+ 5ML+IS/SS Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Oct 11 5:40 2007 Quant Results File: B8260S.RES

Quant Method : X:\MSVOA\BUDDHA\QUANT\B8260S.M (RTE Integrator)
Title : VOA 8260- 5ML Soil Calibration 5973B
Last Update : Fri Sep 28 16:30:36 2007
Response via : Initial Calibration
DataAcq Meth : 8260
IS QA File : X:\MSVOA\BUDDHA\092807\B0928013.D (28 Sep 2007 12:55)

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min) Rcv(Ar)
1) Fluorobenzene	6.17	96	463816	50.00 ug/l	0.00 74.20%
54) Chlorobenzene-d5	9.36	117	436692	50.00 ug/l	0.00 86.60%
74) 1,4-Dichlorobenzene-d4	11.67	152	239072	50.00 ug/l	0.00 72.16%

System Monitoring Compounds

37) Dibromofluoromethane	5.42	111	146510	55.98 ug/l	0.00
Spiked Amount 50.000	Range 65 - 135		Recovery = 111.96%		
40) 1,2-Dichloroethane-d4	5.81	65	127853	54.71 ug/l	0.00
Spiked Amount 50.000	Range 52 - 149		Recovery = 109.42%		
55) Toluene-d8	7.88	98	504090	50.87 ug/l	0.00
Spiked Amount 50.000	Range 85 - 115		Recovery = 101.74%		
76) 4-Bromofluorobenzene	10.54	95	194528	51.76 ug/l	0.00
Spiked Amount 50.000	Range 85 - 120		Recovery = 103.52%		

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.09	85	42	N.D.	
3) Chloromethane	1.23	50	29	N.D.	
4) Vinyl Chloride	1.31	62	20465	6.50 ug/l	96
5) Bromomethane	1.54	96	28	N.D.	
6) Chloroethane	1.66	64	103546	56.93 ug/l	98
7) Trichlorofluoromethane	0.00	101	0	N.D.	
8) Acrolein	2.30	56	510	N.D.	
9) 1,1-Dichloroethene	2.33	96	27	N.D.	
10) 1,1,2-Trichloro-1,2,2-trif	0.00	101	0	N.D.	
11) Acetone	2.47	43	44618	42.40 ug/l #	85
12) Iodomethane	0.00	142	0	N.D.	
13) Bromoethane	2.53	108	37	N.D.	
14) Carbon Disulfide	2.53	76	753	N.D.	
15) Allyl chloride	0.00	76	0	N.D.	
16) Acetonitrile	2.81	41	283	N.D.	
17) Methyl Acetate	0.00	43	0	N.D.	
18) Methylene Chloride	2.91	84	51920	3.84 ug/l	93
19) trans-1,2-Dichloroethene	3.22	96	924	N.D.	
20) t-Butyl alcohol	3.20	59	28	N.D.	
21) Methyl tert-butyl ether	3.24	73	32	N.D.	
22) Acrylonitrile	0.00	53	0	N.D.	
23) 1,1-Dichloroethane	3.83	63	38066	7.27 ug/l	96
24) Chloroprene	0.00	53	0	N.D.	
25) Isopropyl ether	0.00	45	0	N.D.	
26) Vinyl acetate	0.00	43	0	N.D.	
27) Ethyl-t-butyl ether	4.51	59	30	N.D.	
28) 2,2-Dichloropropane	0.00	77	0	N.D.	
29) cis-1,2-Dichloroethene	4.74	96	4973	1.44 ug/l	94
30) 2-Butanone	4.87	43	19117	12.50 ug/l #	91
31) Propionitrile	0.00	54	0	N.D.	
32) Bromochloromethane	0.00	128	0	N.D.	
33) Methacrylonitrile	5.15	41	29	N.D.	
34) Chloroform	5.20	83	490	N.D.	
35) 1,1,1-Trichloroethane	5.33	97	837	N.D.	
36) Cyclohexane	0.00	56	0	N.D.	

(#) = qualifier out of range (m) = manual integration

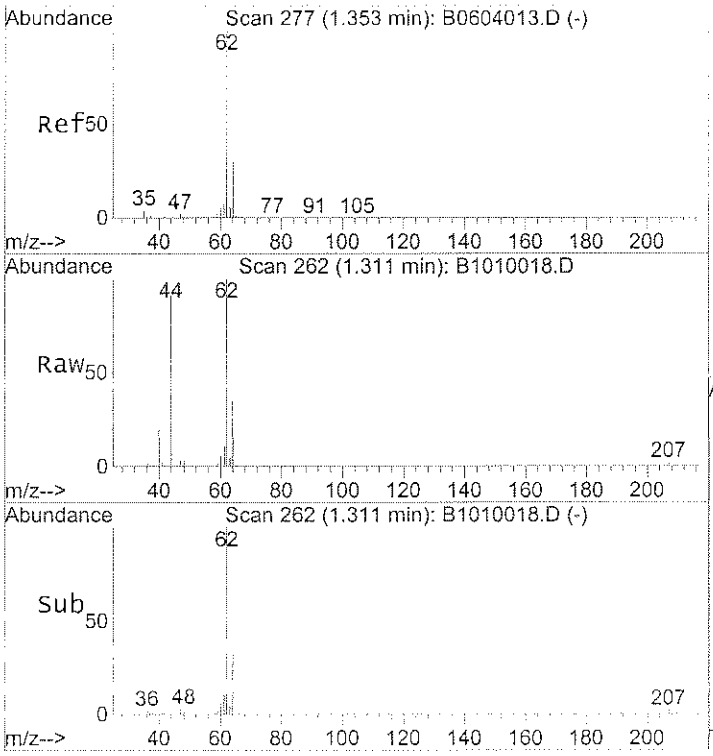
Quantitation Report

Data File : X:\MSVOA\BUDDHA\101007\B1010018.D Vial: 14
Acq On : 10 Oct 2007 13:13 Operator: LPM
Sample : TT02001-015DL Inst : Buddha
Misc : #1 1.19G+ 5ML+IS/SS Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Oct 11 5:40 2007 Quant Results File: B8260S.RES

Quant Method : X:\MSVOA\BUDDHA\QUANT\B8260S.M (RTE Integrator)
Title : VOA 8260- 5ML Soil Calibration 5973B
Last Update : Fri Sep 28 16:30:36 2007
Response via : Initial Calibration
DataAcq Meth : 8260

Compound	R.T.	QIon	Response	Conc Unit	Qvalue
38) Carbon Tetrachloride	0.00	117	0	N.D.	
39) 1,1-Dichloropropene	5.55	75	65	N.D.	
41) Benzene	5.81	78	1115	N.D.	
42) 1,2-Dichloroethane	0.00	62	0	N.D.	
43) t-Amyl methyl ether	0.00	73	0	N.D.	
44) Isobutanol	6.05	43	34	N.D.	
45) Trichloroethene	0.00	130	0	N.D.	
46) Methylcyclohexane	6.71	83	31	N.D.	
47) 1,2-Dichloropropane	0.00	63	0	N.D.	
48) Dibromomethane	0.00	93	0	N.D.	
49) Methyl methacrylate	7.03	41	32	N.D.	
50) Bromodichloromethane	0.00	83	0	N.D.	
51) 2-Chloroethyl vinyl ether	0.00	63	0	N.D.	
52) cis-1,3-Dichloropropene	0.00	75	0	N.D.	
53) 4-Methyl-2-pentanone	7.85	43	197	N.D.	
56) Toluene	7.95	92	5084	N.D.	
57) trans-1,3-Dichloropropene	0.00	75	0	N.D.	
58) Ethyl methacrylate	0.00	69	0	N.D.	
59) 1,1,2-Trichloroethane	0.00	97	0	N.D.	
60) Tetrachloroethene	8.49	166	521	N.D.	
61) 1,3-Dichloropropane	0.00	76	0	N.D.	
62) 2-Hexanone	8.71	43	521	N.D.	
63) Dibromochloromethane	0.00	129	0	N.D.	
64) 1,2-Dibromoethane	0.00	107	0	N.D.	
65) 1-Chlorohexane	9.36	91	817	N.D.	
66) Chlorobenzene	9.38	112	33	N.D.	
67) 1,1,1,2-Tetrachloroethane	0.00	131	0	N.D.	
68) Ethylbenzene	9.49	91	783	N.D.	
69) m,p-Xylene	9.60	106	824	N.D.	
70) o-xylene	9.99	106	140	N.D.	
71) Styrene	10.02	104	164	N.D.	
72) Bromoform	0.00	173	0	N.D.	
73) Isopropylbenzene	10.53	105	259	N.D.	
75) trans-1,4-Dichloro-2-buten	0.00	53	0	N.D.	
77) Bromobenzene	0.00	156	0	N.D.	
78) 1,1,2,2-Tetrachloroethane	0.00	83	0	N.D.	
79) 1,2,3-Trichloropropane	0.00	110	0	N.D.	
80) n-Propylbenzene	10.86	120	62	N.D.	
81) 2-Chlorotoluene	10.87	91	63	N.D.	
82) 4-Chlorotoluene	10.96	91	200	N.D.	
83) 1,3,5-Trimethylbenzene	10.95	105	134	N.D.	
84) tert-Butylbenzene	0.00	119	0	N.D.	
85) 1,2,4-Trimethylbenzene	11.31	105	328	N.D.	
86) sec-butylbenzene	11.48	105	110	N.D.	
87) 1,3-Dichlorobenzene	11.60	146	207	N.D.	
88) 4-Isopropyltoluene	11.61	119	371	N.D.	
89) 1,4-Dichlorobenzene	11.69	146	623	N.D.	
90) 1,2-Dichlorobenzene	12.07	146	170	N.D.	
91) n-Butylbenzene	12.03	91	249	N.D.	
92) 1,2-Dibromo-3-chloropropan	0.00	75	0	N.D.	
93) 1,2,4-Trichlorobenzene	13.65	180	36	N.D.	
94) Hexachlorobutadiene	0.00	225	0	N.D.	
95) Naphthalene	13.90	128	967	N.D.	
96) 1,2,3-Trichlorobenzene	14.13	180	65	N.D.	

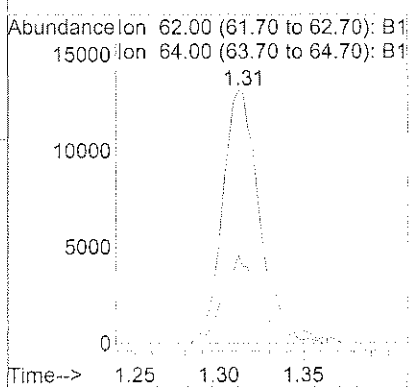
(#) = qualifier out of range (m) = manual integration
B1010018.D B8260S.M Thu Oct 11 13:36:31 2007

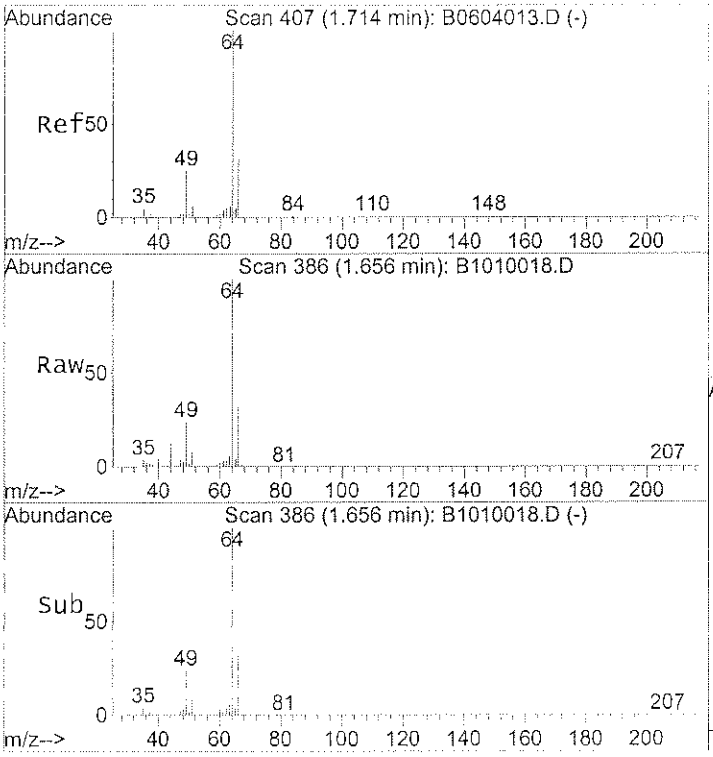


#4
Vinyl Chloride
Concen: 6.50 ug/l
RT: 1.31 min Scan# 262
Delta R.T. 0.00 min
Lab File: B1010018.D
Acq: 10 Oct 2007 13:13

Tgt Ion: 62 Resp: 20465

Ion	Ratio	Lower	Upper
62	100		
64	32.6	10.2	50.2

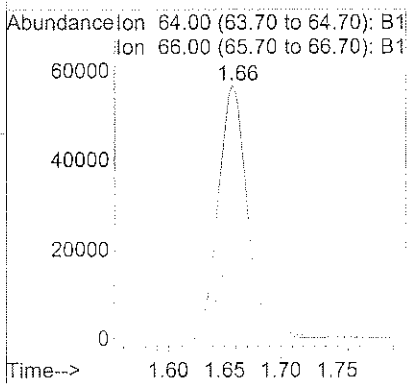


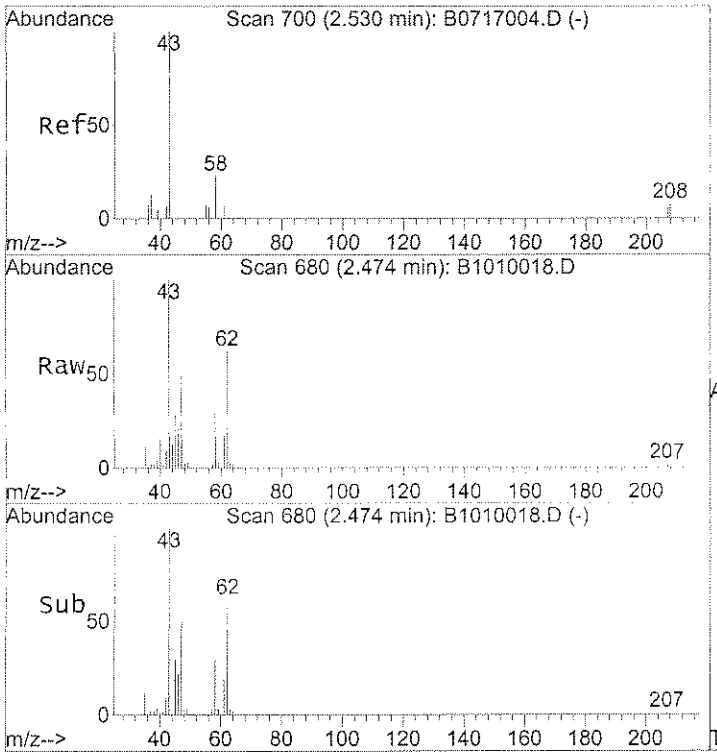


#6
Chloroethane
Concen: 56.93 ug/l
RT: 1.66 min Scan# 386
Delta R.T. 0.01 min
Lab File: B1010018.D
Acq: 10 Oct 2007 13:13

Tgt Ion: 64 Resp: 103546

Ion	Ratio	Lower	Upper
64	100		
66	32.7	11.6	51.6

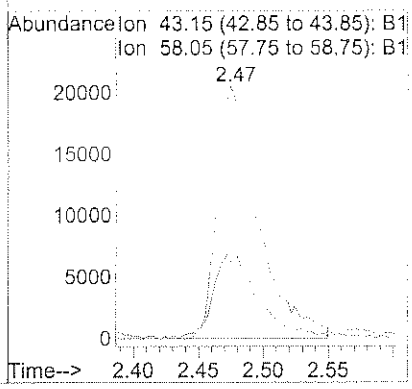


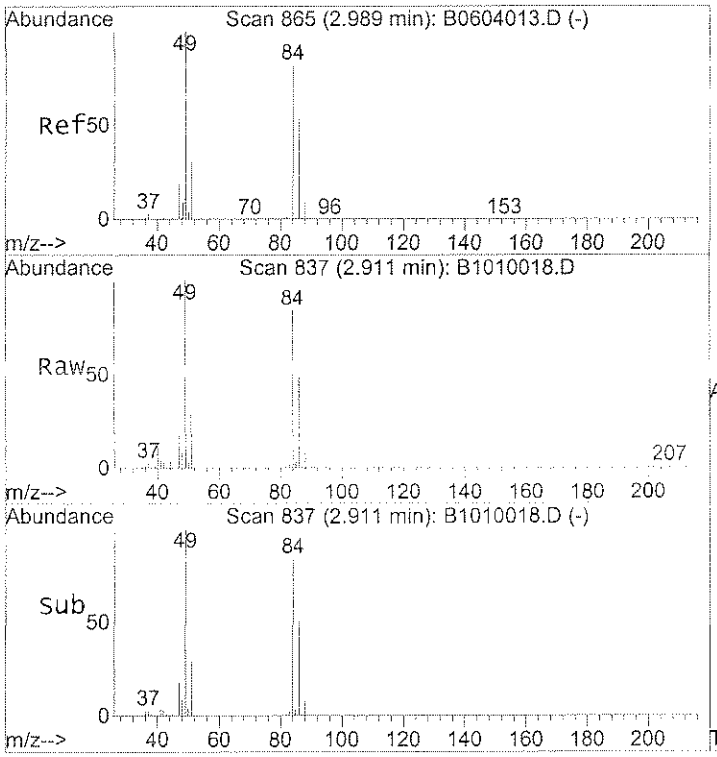


#11
Acetone
Concen: 42.40 ug/l
RT: 2.47 min Scan# 680
Delta R.T. -0.00 min
Lab File: B1010018.D
Acq: 10 Oct 2007 13:13

Tgt Ion: 43 Resp: 44618

Ion	Ratio	Lower	Upper
43	100		
58	35.1	22.0	33.0#

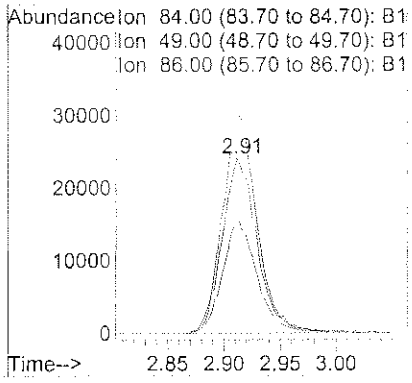


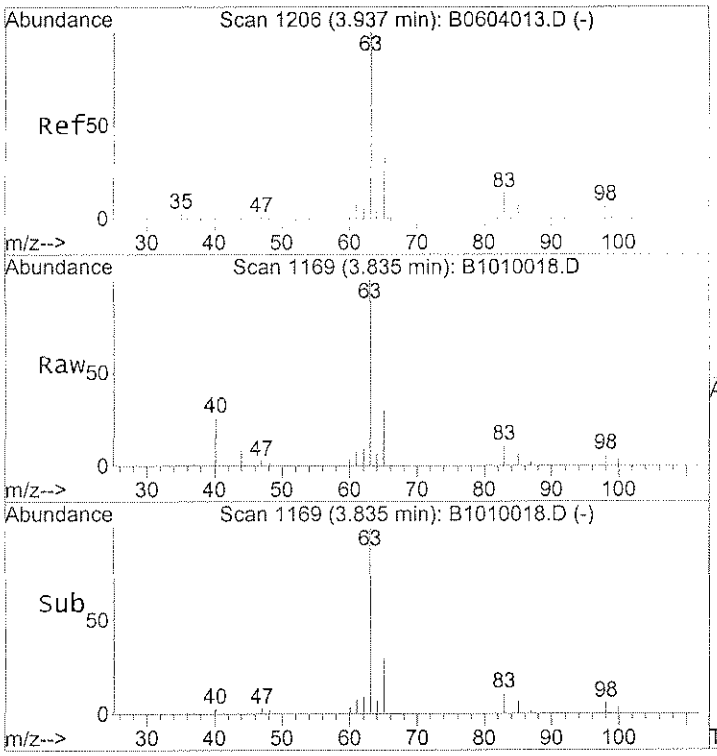


#18
Methylene Chloride
Concen: 3.84 ug/l
RT: 2.91 min Scan# 837
Delta R.T. 0.00 min
Lab File: B1010018.D
Acq: 10 Oct 2007 13:13

Tgt Ion: 84 Resp: 51920

Ion	Ratio	Lower	Upper
84	100		
49	123.9	113.6	153.6
86	62.9	45.8	85.8

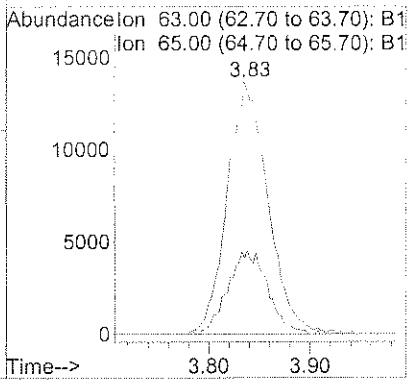


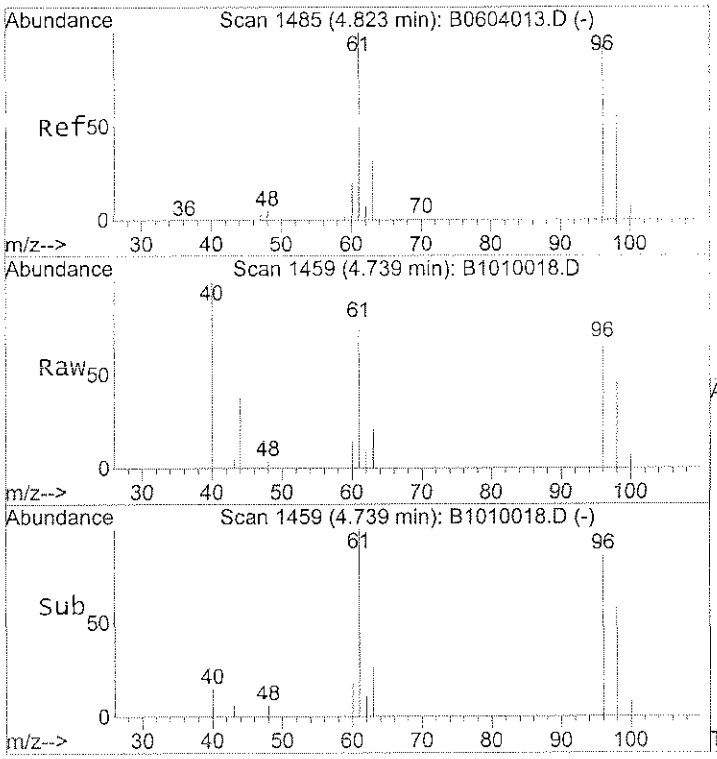


#23
1,1-Dichloroethane
Concen: 7.27 ug/l
RT: 3.83 min Scan# 1169
Delta R.T. -0.00 min
Lab File: B1010018.D
Acq: 10 Oct 2007 13:13

Tgt Ion: 63 Resp: 38066

Ion	Ratio	Lower	Upper
63	100		
65	32.5	10.2	50.2

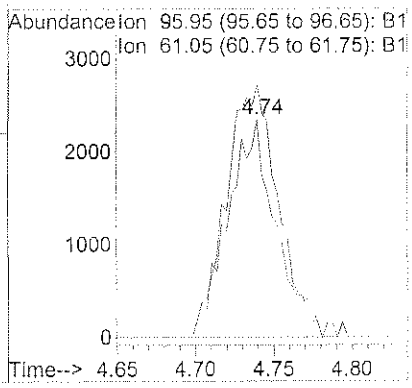


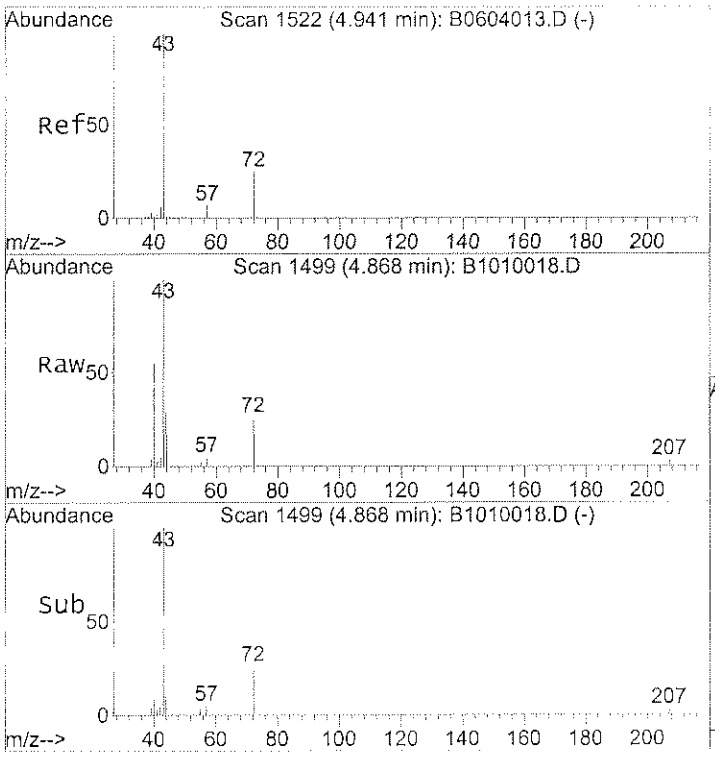


#29
cis-1,2-Dichloroethene
Concen: 1.44 ug/l
RT: 4.74 min Scan# 1459
Delta R.T. 0.00 min
Lab File: B1010018.D
Acq: 10 Oct 2007 13:13

Tgt Ion: 96 Resp: 4973

Ion	Ratio	Lower	Upper
96	100		
61	126.5	107.4	161.0

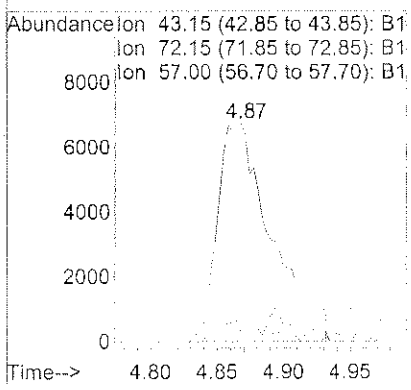




#30
2-Butanone
Concen: 12.50 ug/l
RT: 4.87 min Scan# 1499
Delta R.T. 0.01 min
Lab File: B1010018.D
Acq: 10 Oct 2007 13:13

Tgt Ion: 43 Resp: 19117

Ion	Ratio	Lower	Upper
43	100		
72	25.7	16.7	25.1#
57	5.4	6.1	9.1#



VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

08SSW014DL2

Lab Name: _____ Contract: _____

SDG No.: TT02001 Run Sequence: R022490

Matrix: (SOIL/SED/WATER) Soil Lab Sample ID: TT02001-015DL2

Sample wt/vol: 1.47 (g/mL) gm Lab File ID: B1015026.D

Level: (LOW/MED) _____ Date Collected: 10/04/2007

% Moisture: not dec. 17.0 Date/Time Analyzed: 10/15/2007 17:11

GC Column: ZB-624 20m ID: 0.18 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____(uL) Soil Aliquot Volume: _____(uL)

Heated Purge: (Y/N) Y

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/kg	Q
1330-20-7	XYLENES, TOTAL	4.1	U
75-71-8	DICHLORODIFLUOROMETHANE	4.1	U
74-87-3	CHLOROMETHANE	4.1	U
75-01-4	VINYL CHLORIDE	4.1	U
74-83-9	BROMOMETHANE	4.1	U
75-00-3	CHLOROETHANE	28	
75-69-4	TRICHLOROFLUOROMETHANE	4.1	U
75-35-4	1,1-DICHLOROETHENE	4.1	U
76-13-1	1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	4.1	U
67-64-1	ACETONE	280	B
75-15-0	CARBON DISULFIDE	4.1	U
79-20-9	METHYL ACETATE	4.1	U
75-09-2	METHYLENE CHLORIDE	82	
1634-04-4	METHYL TERT-BUTYL ETHER	4.1	U
156-60-5	TRANS-1,2-DICHLOROETHENE	4.1	U
75-34-3	1,1-DICHLOROETHANE	5.2	J
156-59-2	CIS-1,2-DICHLOROETHENE	4.1	U
78-93-3	2-BUTANONE	97	
67-66-3	CHLOROFORM	4.1	U
71-55-6	1,1,1-TRICHLOROETHANE	4.1	U
110-82-7	CYCLOHEXANE	4.1	U
56-23-5	CARBON TETRACHLORIDE	4.1	U
71-43-2	BENZENE	4.1	U
107-06-2	1,2-DICHLOROETHANE	4.1	U
79-01-6	TRICHLOROETHENE	4.1	U
108-87-2	METHYLCYCLOHEXANE	4.1	U
78-87-5	1,2-DICHLOROPROPANE	4.1	U
75-27-4	BROMODICHLOROMETHANE	4.1	U
10061-01-	CIS-1,3-DICHLOROPROPENE	4.1	U

VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

08SSW014DL2

Lab Name: _____ Contract: _____

SDG No.: TT02001 Run Sequence: R022490

Matrix: (SOIL/SED/WATER) Soil Lab Sample ID: TT02001-015DL2

Sample wt/vol: 1.47 (g/mL) gm Lab File ID: B1015026.D

Level: (LOW/MED) _____ Date Collected: 10/04/2007

% Moisture: not dec. 17.0 Date/Time Analyzed: 10/15/2007 17:11

GC Column: ZB-624 20m ID: 0.18 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____(uL) Soil Aliquot Volume: _____(uL)

Heated Purge: (Y/N) Y

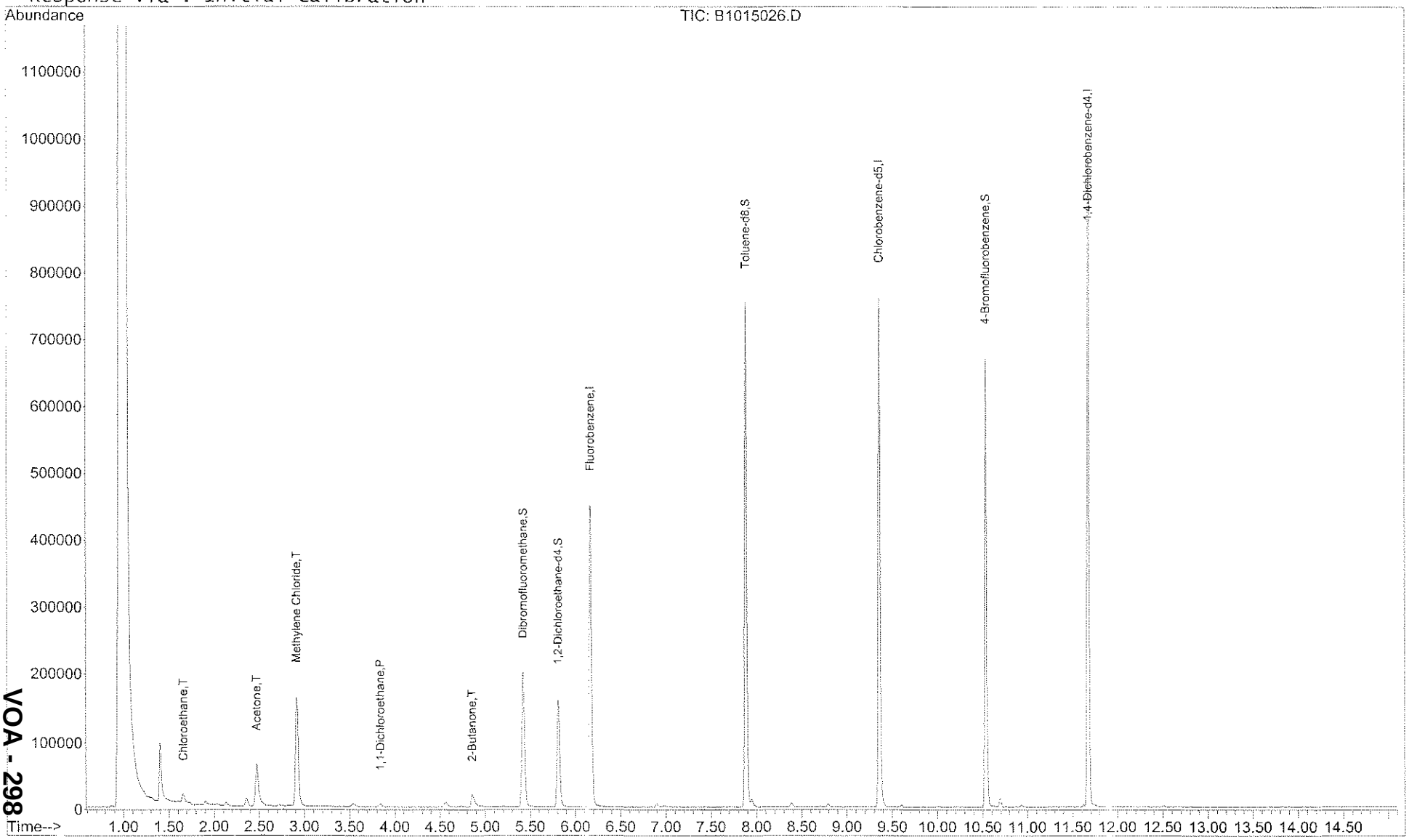
CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/kg	Q
108-10-1	4-METHYL-2-PENTANONE	4.1	U
108-88-3	TOLUENE	4.1	U
10061-02-	TRANS-1,3-DICHLOROPROPENE	4.1	U
79-00-5	1,1,2-TRICHLOROETHANE	4.1	U
127-18-4	TETRACHLOROETHENE	4.1	U
591-78-6	2-HEXANONE	4.1	U
124-48-1	DIBROMOCHLOROMETHANE	4.1	U
106-93-4	1,2-DIBROMOETHANE	4.1	U
108-90-7	CHLOROBENZENE	4.1	U
100-41-4	ETHYLBENZENE	4.1	U
179601-23	M,P-XYLENE	4.1	U
95-47-6	O-XYLENE	4.1	U
100-42-5	STYRENE	4.1	U
75-25-2	BROMOFORM	4.1	U
98-82-8	ISOPROPYLBENZENE	4.1	U
79-34-5	1,1,2,2-TETRACHLOROETHANE	4.1	U
541-73-1	1,3-DICHLOROBENZENE	4.1	U
106-46-7	1,4-DICHLOROBENZENE	4.1	U
95-50-1	1,2-DICHLOROBENZENE	4.1	U
96-12-8	1,2-DIBROMO-3-CHLOROPROPANE	4.1	U
120-82-1	1,2,4-TRICHLOROBENZENE	4.1	U

Comments:

Quantitation Report

Data File : X:\MSVOA\BUDDHA\101507\B1015026.D Vial: 20
Acq On : 15 Oct 2007 17:11 Operator: LPM
Sample : TT02001-015DL2 Inst : Buddha
Misc : #3 1.47G/5ML+IS/SS(MV-8-42-9) Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Oct 16 6:31 2007 Quant Results File: B8260S.RES

Method : X:\MSVOA\BUDDHA\QUANT\B8260S.M (RTE Integrator)
Title : VOA 8260- 5ML Soil Calibration 5973B
Last Update : Fri Sep 28 16:30:36 2007
Response via : Initial Calibration



VOA - 298

Quantitation Report

Data File : X:\MSVOA\BUDDHA\101507\B1015026.D Vial: 20
Acq On : 15 Oct 2007 17:11 Operator: LPM
Sample : TT02001-015DL2 Inst : Buddha
Misc : #3 1.47G/5ML+IS/SS(MV-8-42-9) Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Oct 16 6:31 2007 Quant Results File: B8260S.RES

Quant Method : X:\MSVOA\BUDDHA\QUANT\B8260S.M (RTE Integrator)
Title : VOA 8260- 5ML Soil Calibration 5973B
Last Update : Fri Sep 28 16:30:36 2007
Response via : Initial Calibration
DataAcq Meth : 8260
IS QA File : X:\MSVOA\BUDDHA\092807\B0928013.D (28 Sep 2007 12:55)

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min) Rcv(Ar)
1) Fluorobenzene	6.17	96	422827	50.00 ug/l	0.00 67.64%
54) Chlorobenzene-d5	9.36	117	426066	50.00 ug/l	0.00 84.49%
74) 1,4-Dichlorobenzene-d4	11.67	152	253749	50.00 ug/l	0.00 76.59%

System Monitoring Compounds					
37) Dibromofluoromethane	5.42	111	136861	57.37 ug/l	0.00
Spiked Amount 50.000	Range 65 - 135		Recovery = 114.74%		
40) 1,2-Dichloroethane-d4	5.81	65	115767	54.34 ug/l	0.00
Spiked Amount 50.000	Range 52 - 149		Recovery = 108.68%		
55) Toluene-d8	7.88	98	479022	49.55 ug/l	0.00
Spiked Amount 50.000	Range 85 - 115		Recovery = 99.10%		
76) 4-Bromofluorobenzene	10.53	95	194691	48.80 ug/l	0.00
Spiked Amount 50.000	Range 85 - 120		Recovery = 97.60%		

Target Compounds					Qvalue
2) Dichlorodifluoromethane	0.00	85	0	N.D.	
3) Chloromethane	1.22	50	31	N.D.	
4) Vinyl Chloride	1.31	62	1320	N.D.	
5) Bromomethane	1.59	96	129	N.D.	
6) Chloroethane	1.66	64	11514	6.94 ug/l	98
7) Trichlorofluoromethane	1.85	101	38	N.D.	
8) Acrolein	2.30	56	394	Below Cal #	72
9) 1,1-Dichloroethene	0.00	96	0	N.D.	
10) 1,1,2-Trichloro-1,2,2-trif	0.00	101	0	N.D.	
11) Acetone	2.47	43	65694	68.47 ug/l #	85
12) Iodomethane	0.00	142	0	N.D.	
13) Bromoethane	0.00	108	0	N.D.	
14) Carbon Disulfide	2.54	76	3029	N.D.	
15) Allyl chloride	0.00	76	0	N.D.	
16) Acetonitrile	0.00	41	0	N.D. d	
17) Methyl Acetate	0.00	43	0	N.D.	
18) Methylene Chloride	2.92	84	91148	19.96 ug/l	91
19) trans-1,2-Dichloroethene	3.22	96	112	N.D.	
20) t-Butyl alcohol	0.00	59	0	N.D.	
21) Methyl tert-butyl ether	3.23	73	53	N.D.	
22) Acrylonitrile	0.00	53	0	N.D.	
23) 1,1-Dichloroethane	3.83	63	6127	1.28 ug/l	79
24) Chloroprene	0.00	53	0	N.D.	
25) Isopropyl ether	0.00	45	0	N.D.	
26) Vinyl acetate	0.00	43	0	N.D.	
27) Ethyl-t-butyl ether	4.55	59	31	N.D.	
28) 2,2-Dichloropropane	0.00	77	0	N.D.	
29) cis-1,2-Dichloroethene	4.74	96	425	N.D.	
30) 2-Butanone	4.85	43	33070	23.72 ug/l	97
31) Propionitrile	0.00	54	0	N.D.	
32) Bromochloromethane	0.00	128	0	N.D.	
33) Methacrylonitrile	5.04	41	29	N.D.	
34) Chloroform	5.22	83	805	N.D.	
35) 1,1,1-Trichloroethane	5.34	97	170	N.D.	
36) Cyclohexane	0.00	56	0	N.D.	

(#) = qualifier out of range (m) = manual integration
B1015026.D B8260S.M Tue Oct 16 06:32:03 2007

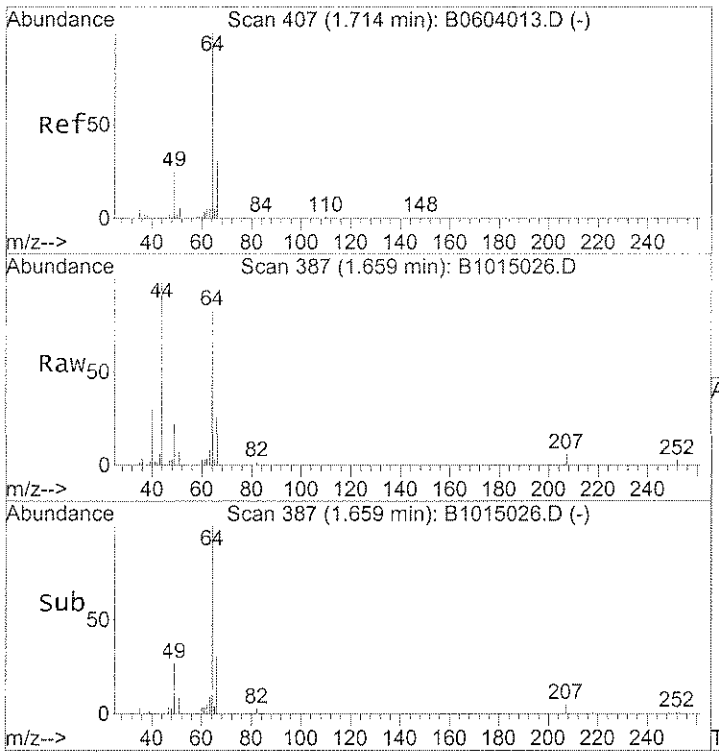
Quantitation Report

Data File : X:\MSVOA\BUDDHA\101507\B1015026.D Vial: 20
Acq On : 15 Oct 2007 17:11 Operator: LPM
Sample : TT02001-015DL2 Inst : Buddha
Misc : #3 1.47G/5ML+IS/SS(MV-8-42-9) Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Oct 16 6:31 2007 Quant Results File: B8260S.RES

Quant Method : X:\MSVOA\BUDDHA\QUANT\B8260S.M (RTE Integrator)
Title : VOA 8260- 5ML Soil Calibration 5973B
Last Update : Fri Sep 28 16:30:36 2007
Response via : Initial Calibration
DataAcq Meth : 8260

Compound	R.T.	QIon	Response	Conc Unit	Qvalue
38) Carbon Tetrachloride	0.00	117	0	N.D.	
39) 1,1-Dichloropropene	0.00	75	0	N.D.	
41) Benzene	5.80	78	703	N.D.	
42) 1,2-Dichloroethane	0.00	62	0	N.D.	
43) t-Amyl methyl ether	0.00	73	0	N.D.	
44) Isobutanol	6.09	43	206	N.D.	
45) Trichloroethene	0.00	130	0	N.D.	
46) Methylcyclohexane	0.00	83	0	N.D.	
47) 1,2-Dichloropropane	0.00	63	0	N.D.	
48) Dibromomethane	0.00	93	0	N.D.	
49) Methyl methacrylate	7.04	41	30	N.D.	
50) Bromodichloromethane	0.00	83	0	N.D.	
51) 2-Chloroethyl vinyl ether	0.00	63	0	N.D.	
52) cis-1,3-Dichloropropene	0.00	75	0	N.D.	
53) 4-Methyl-2-pentanone	7.88	43	2134	N.D.	
56) Toluene	7.95	92	3600	N.D.	
57) trans-1,3-Dichloropropene	0.00	75	0	N.D.	
58) Ethyl methacrylate	0.00	69	0	N.D.	
59) 1,1,2-Trichloroethane	0.00	97	0	N.D.	
60) Tetrachloroethene	0.00	166	0	N.D.	
61) 1,3-Dichloropropane	0.00	76	0	N.D.	
62) 2-Hexanone	8.71	43	870	N.D.	
63) Dibromochloromethane	0.00	129	0	N.D.	
64) 1,2-Dibromoethane	0.00	107	0	N.D.	
65) 1-Chlorohexane	9.35	91	838	N.D.	
66) Chlorobenzene	9.38	112	109	N.D.	
67) 1,1,1,2-Tetrachloroethane	0.00	131	0	N.D.	
68) Ethylbenzene	9.48	91	614	N.D.	
69) m,p-Xylene	9.60	106	781	N.D.	
70) o-xylene	10.00	106	307	N.D.	
71) Styrene	10.03	104	435	N.D.	
72) Bromoform	0.00	173	0	N.D.	
73) Isopropylbenzene	10.36	105	60	N.D.	
75) trans-1,4-Dichloro-2-buten	10.54	53	31	N.D.	
77) Bromobenzene	0.00	156	0	N.D.	
78) 1,1,2,2-Tetrachloroethane	10.62	83	71	N.D.	
79) 1,2,3-Trichloropropane	0.00	110	0	N.D.	
80) n-Propylbenzene	0.00	120	0	N.D.	
81) 2-Chlorotoluene	10.87	91	34	N.D.	
82) 4-Chlorotoluene	10.97	91	132	N.D.	
83) 1,3,5-Trimethylbenzene	10.94	105	116	N.D.	
84) tert-Butylbenzene	0.00	119	0	N.D.	
85) 1,2,4-Trimethylbenzene	11.31	105	537	N.D.	
86) sec-butylbenzene	11.47	105	131	N.D.	
87) 1,3-Dichlorobenzene	11.60	146	122	N.D.	
88) 4-Isopropyltoluene	11.63	119	2247	N.D.	
89) 1,4-Dichlorobenzene	11.69	146	498	N.D.	
90) 1,2-Dichlorobenzene	12.07	146	145	N.D.	
91) n-Butylbenzene	12.02	91	128	N.D.	
92) 1,2-Dibromo-3-chloropropan	0.00	75	0	N.D.	
93) 1,2,4-Trichlorobenzene	13.65	180	97	N.D.	
94) Hexachlorobutadiene	0.00	225	0	N.D.	
95) Naphthalene	13.90	128	1243	N.D.	
96) 1,2,3-Trichlorobenzene	14.13	180	34	N.D.	

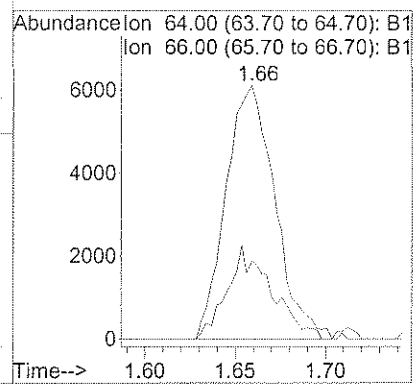
(#) = qualifier out of range (m) = manual integration
B1015026.D B8260S.M Tue Oct 16 06:32:03 2007

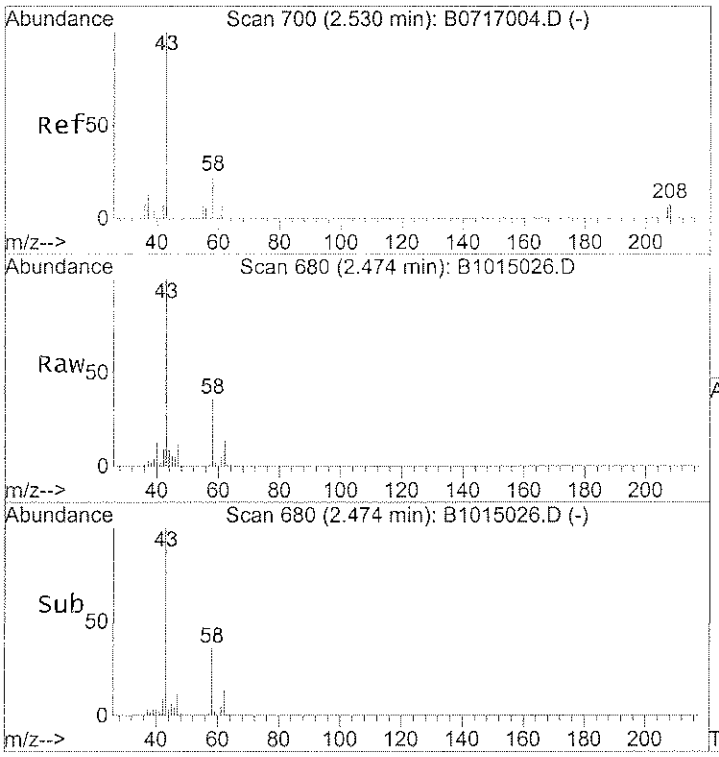


#6
Chloroethane
Concen: 6.94 ug/l
RT: 1.66 min Scan# 387
Delta R.T. 0.01 min
Lab File: B1015026.D
Acq: 15 Oct 2007 17:11

Tgt Ion: 64 Resp: 11514

Ion	Ratio	Lower	Upper
64	100		
66	32.9	11.6	51.6

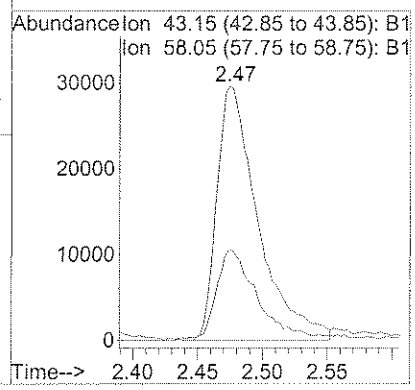


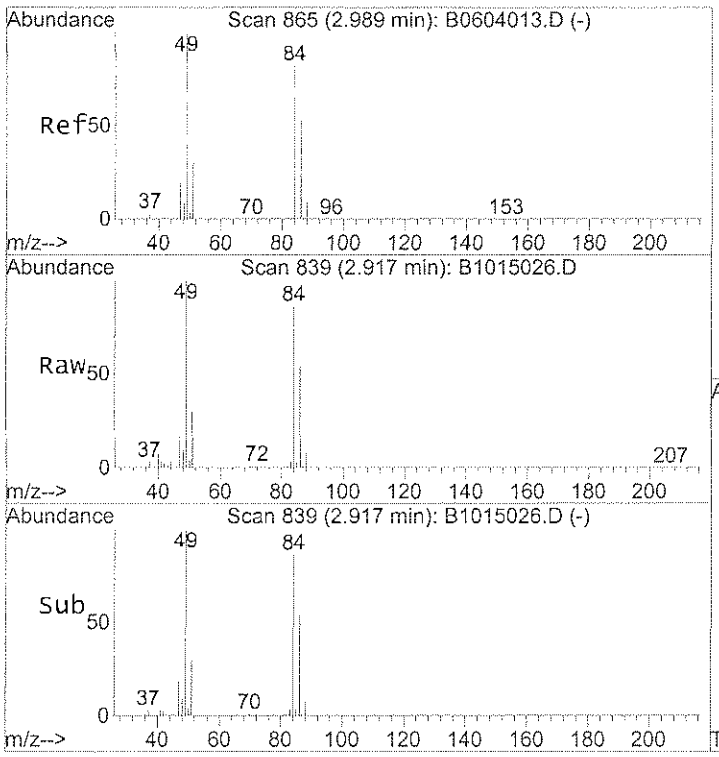


#11
Acetone
Concen: 68.47 ug/l
RT: 2.47 min Scan# 680
Delta R.T. -0.00 min
Lab File: B1015026.D
Acq: 15 Oct 2007 17:11

Tgt Ion: 43 Resp: 65694

Ion	Ratio	Lower	Upper
43	100		
58	35.2	22.0	33.0#

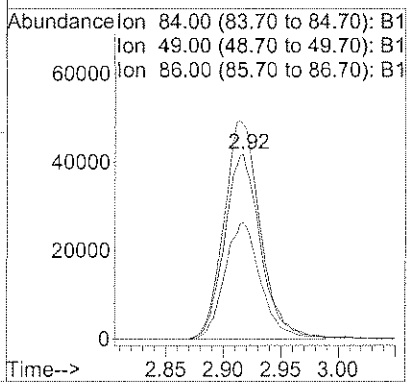


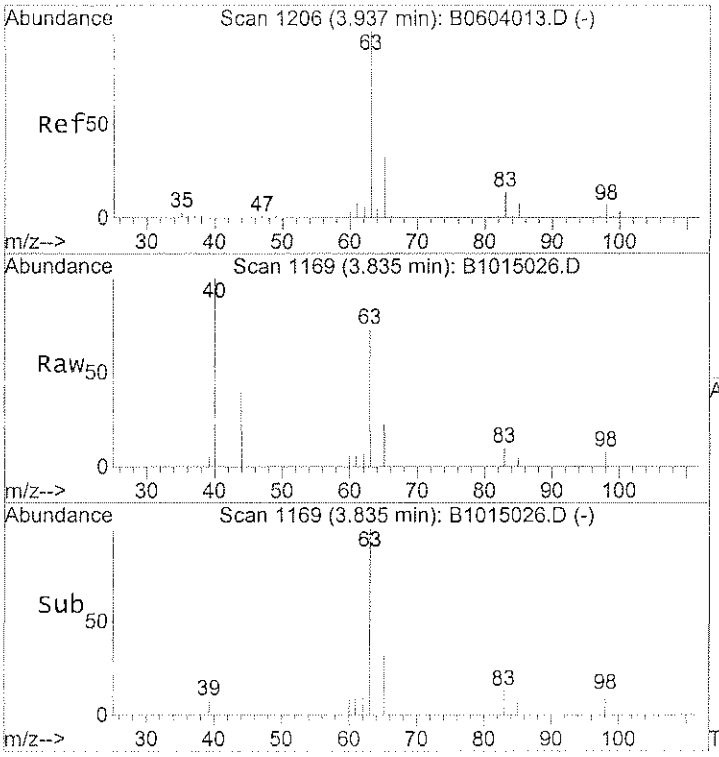


#18
Methylene Chloride
Concen: 19.96 ug/l
RT: 2.92 min Scan# 839
Delta R.T. 0.01 min
Lab File: B1015026.D
Acq: 15 Oct 2007 17:11

Tgt Ion: 84 Resp: 91148

Ion	Ratio	Lower	Upper
84	100		
49	119.9	113.6	153.6
86	63.6	45.8	85.8

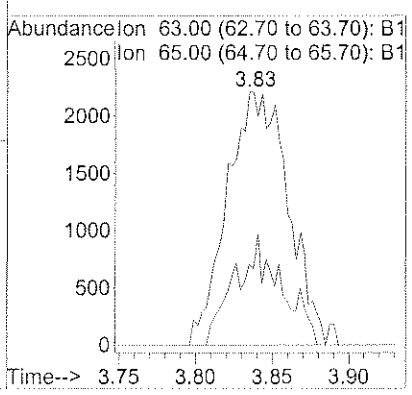


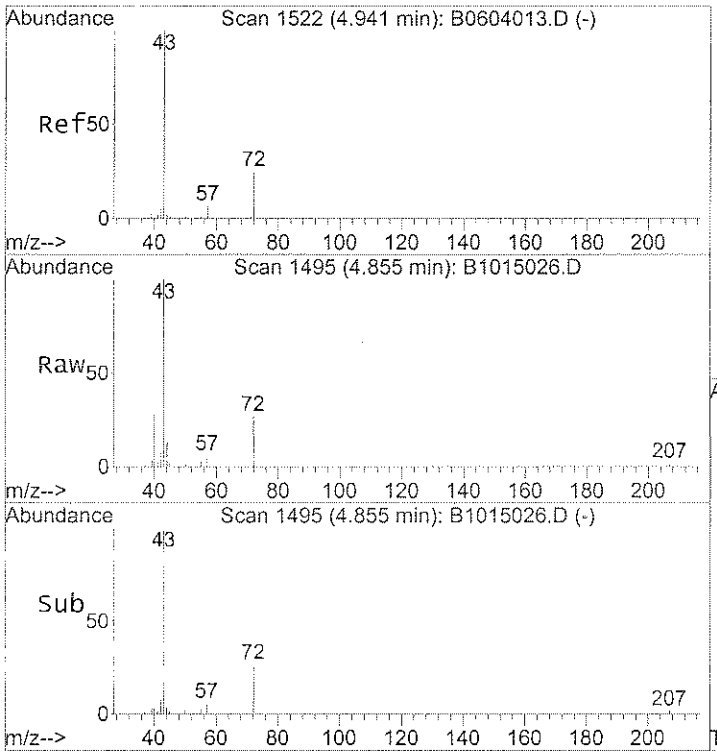


#23
1,1-Dichloroethane
Concen: 1.28 ug/l
RT: 3.83 min Scan# 1169
Delta R.T. 0.00 min
Lab File: B1015026.D
Acq: 15 Oct 2007 17:11

Tgt Ion: 63 Resp: 6127

Ion	Ratio	Lower	Upper
63	100		
65	18.9	10.2	50.2

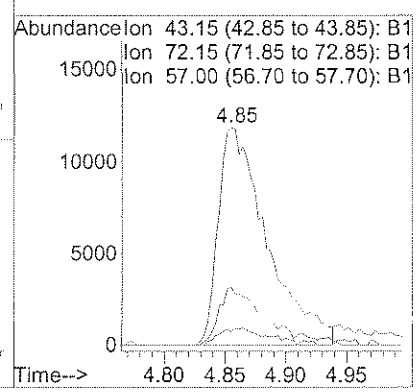




#30
2-Butanone
Concen: 23.72 ug/l
RT: 4.85 min Scan# 1495
Delta R.T. -0.00 min
Lab File: B1015026.D
Acq: 15 Oct 2007 17:11

Tgt Ion: 43 Resp: 33070

Ion	Ratio	Lower	Upper
43	100		
72	22.6	16.7	25.1
57	7.2	6.1	9.1



VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

08SSW015

Lab Name: _____ Contract: _____

SDG No.: TT02001 Run Sequence: R022318

Matrix: (SOIL/SED/WATER) Soil Lab Sample ID: TT02001-016

Sample wt/vol: 5.57 (g/mL) gm Lab File ID: B1009032.D

Level: (LOW/MED) _____ Date Collected: 10/04/2007

% Moisture: not dec. 20.0 Date/Time Analyzed: 10/09/2007 18:27

GC Column: ZB-624 20m ID: 0.18 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____(uL) Soil Aliquot Volume: _____(uL)

Heated Purge: (Y/N) Y

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/kg	Q
1330-20-7	XYLENES, TOTAL	1.1	U
75-71-8	DICHLORODIFLUOROMETHANE	1.1	U
74-87-3	CHLOROMETHANE	1.1	U
75-01-4	VINYL CHLORIDE	1.1	U
74-83-9	BROMOMETHANE	1.1	U
75-00-3	CHLOROETHANE	1.1	U
75-69-4	TRICHLOROFLUOROMETHANE	1.1	U
75-35-4	1,1-DICHLOROETHENE	1.1	U
76-13-1	1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	1.1	U
67-64-1	ACETONE	24	B
75-15-0	CARBON DISULFIDE	1.1	U
79-20-9	METHYL ACETATE	1.1	U
75-09-2	METHYLENE CHLORIDE	1.1	U
1634-04-4	METHYL TERT-BUTYL ETHER	1.1	U
156-60-5	TRANS-1,2-DICHLOROETHENE	1.1	U
75-34-3	1,1-DICHLOROETHANE	13	
156-59-2	CIS-1,2-DICHLOROETHENE	3.9	
78-93-3	2-BUTANONE	3.7	J
67-66-3	CHLOROFORM	1.1	U
71-55-6	1,1,1-TRICHLOROETHANE	1.1	U
110-82-7	CYCLOHEXANE	1.1	U
56-23-5	CARBON TETRACHLORIDE	1.1	U
71-43-2	BENZENE	1.1	U
107-06-2	1,2-DICHLOROETHANE	1.1	U
79-01-6	TRICHLOROETHENE	2.5	J
108-87-2	METHYLCYCLOHEXANE	1.1	U
78-87-5	1,2-DICHLOROPROPANE	1.1	U
75-27-4	BROMODICHLOROMETHANE	1.1	U
10061-01-	CIS-1,3-DICHLOROPROPENE	1.1	U

VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

08SSW015

Lab Name: _____ Contract: _____

SDG No.: TT02001 Run Sequence: R022318

Matrix: (SOIL/SED/WATER) Soil Lab Sample ID: TT02001-016

Sample wt/vol: 5.57 (g/mL) gm Lab File ID: B1009032.D

Level: (LOW/MED) _____ Date Collected: 10/04/2007

% Moisture: not dec. 20.0 Date/Time Analyzed: 10/09/2007 18:27

GC Column: ZB-624 20m ID: 0.18 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____(uL) Soil Aliquot Volume: _____(uL)

Heated Purge: (Y/N) Y

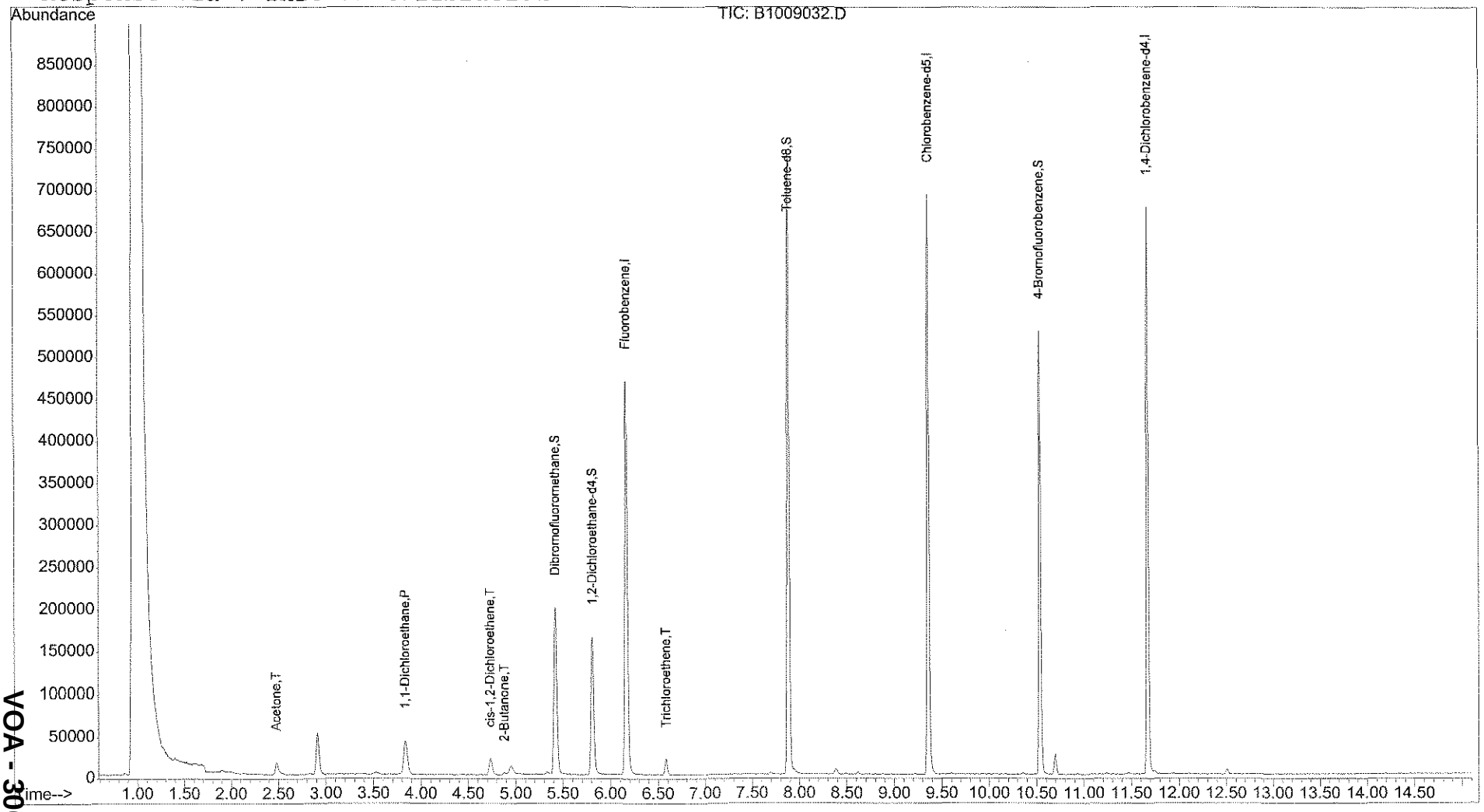
CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/kg	Q
108-10-1	4-METHYL-2-PENTANONE	1.1	U
108-88-3	TOLUENE	1.1	U
10061-02-	TRANS-1,3-DICHLOROPROPENE	1.1	U
79-00-5	1,1,2-TRICHLOROETHANE	1.1	U
127-18-4	TETRACHLOROETHENE	1.1	U
591-78-6	2-HEXANONE	1.1	U
124-48-1	DIBROMOCHLOROMETHANE	1.1	U
106-93-4	1,2-DIBROMOETHANE	1.1	U
108-90-7	CHLOROBENZENE	1.1	U
100-41-4	ETHYLBENZENE	1.1	U
179601-23	M,P-XYLENE	1.1	U
95-47-6	O-XYLENE	1.1	U
100-42-5	STYRENE	1.1	U
75-25-2	BROMOFORM	1.1	U
98-82-8	ISOPROPYLBENZENE	1.1	U
79-34-5	1,1,2,2-TETRACHLOROETHANE	1.1	U
541-73-1	1,3-DICHLOROBENZENE	1.1	U
106-46-7	1,4-DICHLOROBENZENE	1.1	U
95-50-1	1,2-DICHLOROBENZENE	1.1	U
96-12-8	1,2-DIBROMO-3-CHLOROPROPANE	1.1	U
120-82-1	1,2,4-TRICHLOROBENZENE	1.1	U

Comments:

Quantitation Report

Data File : X:\MSVOA\BUDDHA\100907\B1009032.D Vial: 25
Acq On : 9 Oct 2007 18:27 Operator: LPM
Sample : TT02001-016 Inst : Buddha
Misc : #2 5.57GM+ 5ML PFW+IS/SS Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Oct 10 8:10 2007 Quant Results File: B8260S.RES

Method : X:\MSVOA\BUDDHA\QUANT\B8260S.M (RTE Integrator)
Title : VOA 8260- 5ML Soil Calibration 5973B
Last Update : Fri Sep 28 16:30:36 2007
Response via : Initial Calibration



VOA - 306

Quantitation Report

Data File : X:\MSVOA\BUDDHA\100907\B1009032.D Vial: 25
Acq On : 9 Oct 2007 18:27 Operator: LPM
Sample : TT02001-016 Inst : Buddha
Misc : #2 5.57GM+ 5ML PFW+IS/SS Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Oct 10 8:10 2007 Quant Results File: B8260S.RES

Quant Method : X:\MSVOA\BUDDHA\QUANT\B8260S.M (RTE Integrator)
Title : VOA 8260- 5ML Soil Calibration 5973B
Last Update : Fri Sep 28 16:30:36 2007
Response via : Initial Calibration
DataAcq Meth : 8260
IS QA File : X:\MSVOA\BUDDHA\092807\B0928013.D (28 Sep 2007 12:55)

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min) Rcv(Ar)
1) Fluorobenzene	6.17	96	443991	50.00 ug/l	0.00 71.03%
54) Chlorobenzene-d5	9.36	117	381079	50.00 ug/l	0.00 75.57%
74) 1,4-Dichlorobenzene-d4	11.67	152	171426	50.00 ug/l	0.00 51.74%

System Monitoring Compounds

37) Dibromofluoromethane	5.42	111	139173	55.55 ug/l	0.00
Spiked Amount 50.000	Range 65 - 135		Recovery = 111.10%		
40) 1,2-Dichloroethane-d4	5.81	65	117365	52.46 ug/l	0.00
Spiked Amount 50.000	Range 52 - 149		Recovery = 104.92%		
55) Toluene-d8	7.88	98	470585	54.42 ug/l	0.00
Spiked Amount 50.000	Range 85 - 115		Recovery = 108.84%		
76) 4-Bromofluorobenzene	10.54	95	154831	57.45 ug/l	0.00
Spiked Amount 50.000	Range 85 - 120		Recovery = 114.90%		

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.09	85	41	N.D.	
3) Chloromethane	1.22	50	39	N.D.	
4) Vinyl Chloride	1.30	62	58	N.D.	
5) Bromomethane	1.56	96	26	N.D.	
6) Chloroethane	1.65	64	509	N.D.	
7) Trichlorofluoromethane	0.00	101	0	N.D.	
8) Acrolein	2.29	56	71	Below Cal #	1
9) 1,1-Dichloroethene	2.38	96	26	N.D.	
10) 1,1,2-Trichloro-1,2,2-trif	0.00	101	0	N.D.	
11) Acetone	2.48	43	21167	21.01 ug/l	92
12) Iodomethane	0.00	142	0	N.D.	
13) Bromoethane	0.00	108	0	N.D.	
14) Carbon Disulfide	2.53	76	1472	N.D.	
15) Allyl chloride	0.00	76	0	N.D.	
16) Acetonitrile	0.00	41	0	N.D. d	
17) Methyl Acetate	2.83	43	879	N.D.	
18) Methylene Chloride	2.91	84	27016	Below Cal	93
19) trans-1,2-Dichloroethene	3.21	96	28	N.D.	
20) t-Butyl alcohol	3.21	59	26	N.D.	
21) Methyl tert-butyl ether	3.26	73	34	N.D.	
22) Acrylonitrile	0.00	53	0	N.D.	

(#) = qualifier out of range (m) = manual integration
B1009032.D B8260S.M Wed Oct 10 08:10:36 2007 Page 1

10/10/07

VOA - 307

Quantitation Report

Data File : X:\MSVOA\BUDDHA\100907\B1009032.D Vial: 25
Acq On : 9 Oct 2007 18:27 Operator: LPM
Sample : TT02001-016 Inst : Buddha
Misc : #2 5.57GM+ 5ML PFW+IS/SS Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Oct 10 8:10 2007 Quant Results File: B8260S.RES

Quant Method : X:\MSVOA\BUDDHA\QUANT\B8260S.M (RTE Integrator)
Title : VOA 8260- 5ML Soil Calibration 5973B
Last Update : Fri Sep 28 16:30:36 2007
Response via : Initial Calibration
DataAcq Meth : 8260

Compound	R.T.	QIon	Response	Conc Unit	Qvalue
23) 1,1-Dichloroethane	3.83	63	57365	11.44 ug/l	98
24) Chloroprene	0.00	53	0	N.D.	
25) Isopropyl ether	0.00	45	0	N.D.	
26) Vinyl acetate	0.00	43	0	N.D.	
27) Ethyl-t-butyl ether	4.51	59	63	N.D.	
28) 2,2-Dichloropropane	0.00	77	0	N.D.	
29) cis-1,2-Dichloroethene	4.73	96	11567	3.51 ug/l	87
30) 2-Butanone	4.88	43	4874	3.33 ug/l #	71
31) Propionitrile	0.00	54	0	N.D.	
32) Bromochloromethane	0.00	128	0	N.D.	
33) Methacrylonitrile	5.23	41	35	N.D.	
34) Chloroform	5.21	83	455	N.D.	
35) 1,1,1-Trichloroethane	5.33	97	2937	N.D.	
36) Cyclohexane	0.00	56	0	N.D.	
38) Carbon Tetrachloride	0.00	117	0	N.D.	
39) 1,1-Dichloropropene	5.52	75	31	N.D.	
41) Benzene	5.80	78	1343	N.D.	
42) 1,2-Dichloroethane	0.00	62	0	N.D.	
43) t-Amyl methyl ether	0.00	73	0	N.D.	
44) Isobutanol	6.09	43	69	N.D.	
45) Trichloroethene	6.58	130	6781	2.26 ug/l	99
46) Methylcyclohexane	6.73	83	36	N.D.	
47) 1,2-Dichloropropane	0.00	63	0	N.D.	
48) Dibromomethane	0.00	93	0	N.D.	
49) Methyl methacrylate	7.16	41	30	N.D.	
50) Bromodichloromethane	0.00	83	0	N.D.	
51) 2-Chloroethyl vinyl ether	0.00	63	0	N.D.	
52) cis-1,3-Dichloropropene	0.00	75	0	N.D.	
53) 4-Methyl-2-pentanone	7.87	43	1217	N.D.	
56) Toluene	7.95	92	1116	N.D.	
57) trans-1,3-Dichloropropene	0.00	75	0	N.D.	
58) Ethyl methacrylate	0.00	69	0	N.D.	
59) 1,1,2-Trichloroethane	8.37	97	32	N.D.	
60) Tetrachloroethene	8.49	166	506	N.D.	
61) 1,3-Dichloropropane	0.00	76	0	N.D.	
62) 2-Hexanone	8.72	43	80	N.D.	
63) Dibromochloromethane	0.00	129	0	N.D.	
64) 1,2-Dibromoethane	0.00	107	0	N.D.	
65) 1-Chlorohexane	9.36	91	749	N.D.	
66) Chlorobenzene	9.38	112	37	N.D.	
67) 1,1,1,2-Tetrachloroethane	0.00	131	0	N.D.	

(#) = qualifier out of range (m) = manual integration

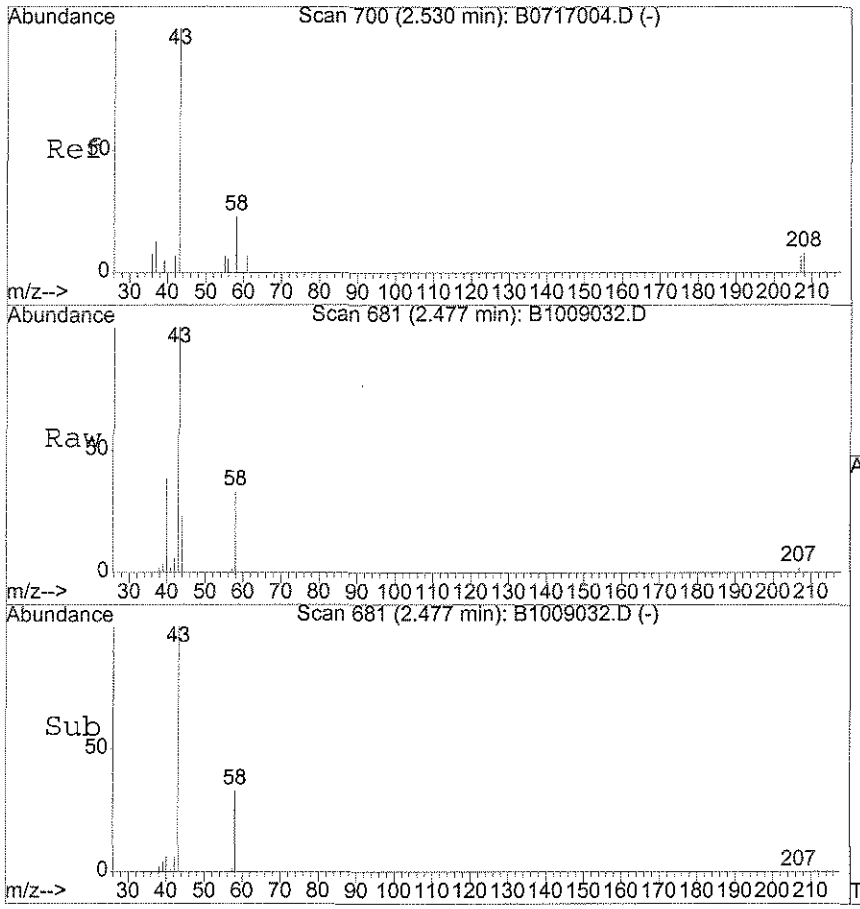
Quantitation Report

Data File : X:\MSVOA\BUDDHA\100907\B1009032.D Vial: 25
Acq On : 9 Oct 2007 18:27 Operator: LPM
Sample : TT02001-016 Inst : Buddha
Misc : #2 5.57GM+ 5ML PFW+IS/SS Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Oct 10 8:10 2007 Quant Results File: B8260S.RES

Quant Method : X:\MSVOA\BUDDHA\QUANT\B8260S.M (RTE Integrator)
Title : VOA 8260- 5ML Soil Calibration 5973B
Last Update : Fri Sep 28 16:30:36 2007
Response via : Initial Calibration
DataAcq Meth : 8260

	Compound	R.T.	QIon	Response	Conc Unit	Qvalue
68)	Ethylbenzene	9.48	91	564	N.D.	
69)	m,p-Xylene	9.60	106	472	N.D.	
70)	o-xylene	10.00	106	73	N.D.	
71)	Styrene	10.02	104	37	N.D.	
72)	Bromoform	0.00	173	0	N.D.	
73)	Isopropylbenzene	10.36	105	1308	N.D.	
75)	trans-1,4-Dichloro-2-buten	0.00	53	0	N.D.	
77)	Bromobenzene	0.00	156	0	N.D.	
78)	1,1,2,2-Tetrachloroethane	0.00	83	0	N.D.	
79)	1,2,3-Trichloropropane	0.00	110	0	N.D.	
80)	n-Propylbenzene	0.00	120	0	N.D.	
81)	2-Chlorotoluene	10.86	91	29	N.D.	
82)	4-Chlorotoluene	10.97	91	75	N.D.	
83)	1,3,5-Trimethylbenzene	10.94	105	30	N.D.	
84)	tert-Butylbenzene	0.00	119	0	N.D.	
85)	1,2,4-Trimethylbenzene	11.31	105	535	N.D.	
86)	sec-butylbenzene	11.48	105	76	N.D.	
87)	1,3-Dichlorobenzene	11.61	146	89	N.D.	
88)	4-Isopropyltoluene	11.63	119	482	N.D.	
89)	1,4-Dichlorobenzene	11.69	146	354	N.D.	
90)	1,2-Dichlorobenzene	12.07	146	168	N.D.	
91)	n-Butylbenzene	12.03	91	207	N.D.	
92)	1,2-Dibromo-3-chloropropan	0.00	75	0	N.D.	
93)	1,2,4-Trichlorobenzene	13.64	180	30	N.D.	
94)	Hexachlorobutadiene	0.00	225	0	N.D.	
95)	Naphthalene	13.90	128	848	N.D.	
96)	1,2,3-Trichlorobenzene	14.14	180	107	N.D.	

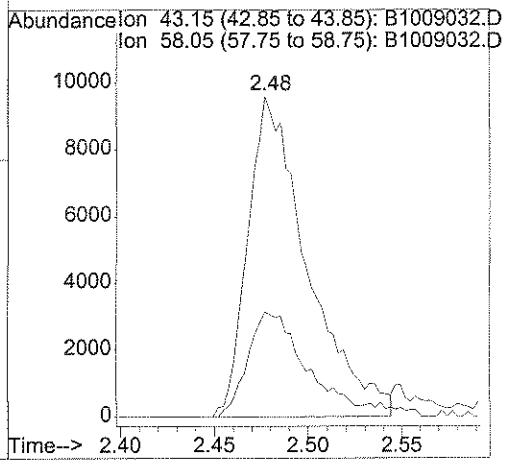
(#) = qualifier out of range (m) = manual integration

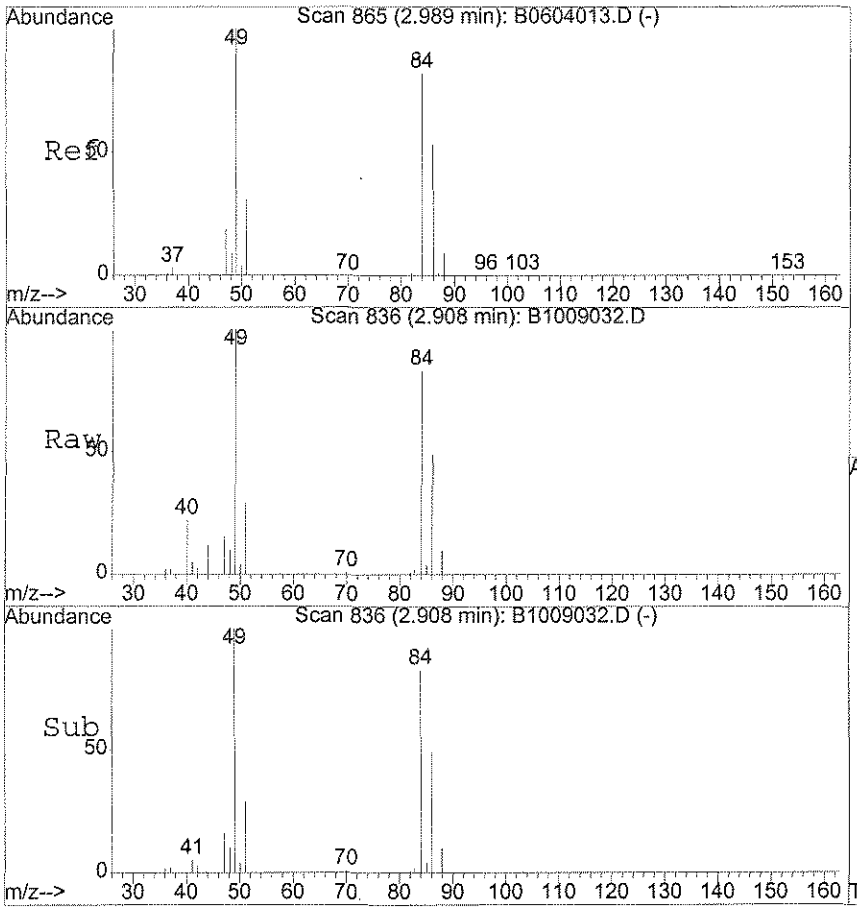


#11
Acetone
Concen: 21.01 ug/l
RT: 2.48 min Scan# 681
Delta R.T. 0.00 min
Lab File: B1009032.D
Acq: 9 Oct 2007 18:27

Tgt Ion: 43 Resp: 21167

Ion	Ratio	Lower	Upper
43	100		
58	31.6	22.0	33.0

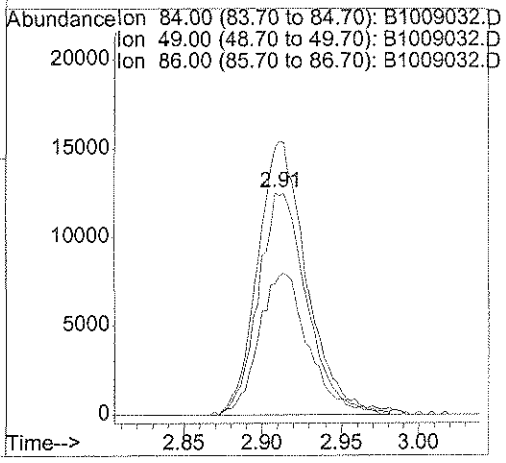


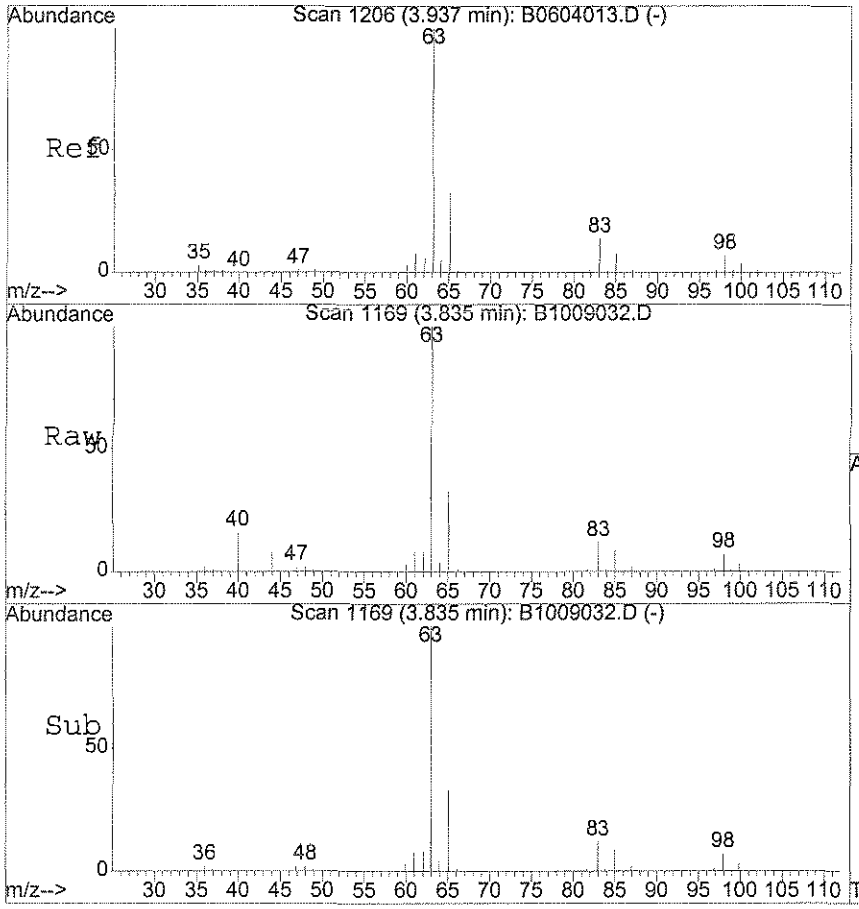


#18
Methylene Chloride
Concen: Below Cal
RT: 2.91 min Scan# 836
Delta R.T. -0.00 min
Lab File: B1009032.D
Acq: 9 Oct 2007 18:27

Tgt Ion: 84 Resp: 27016

Ion	Ratio	Lower	Upper
84	100		
49	123.1	113.6	153.6
86	64.3	45.8	85.8

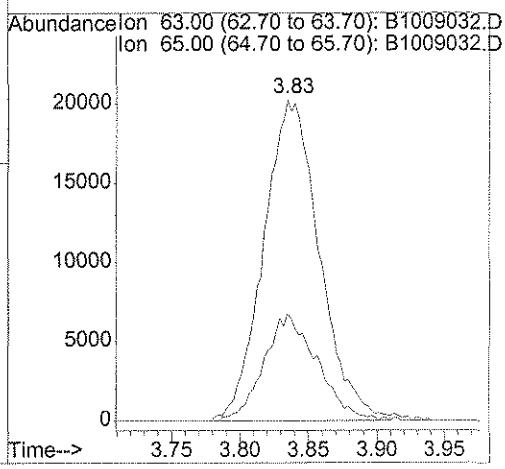


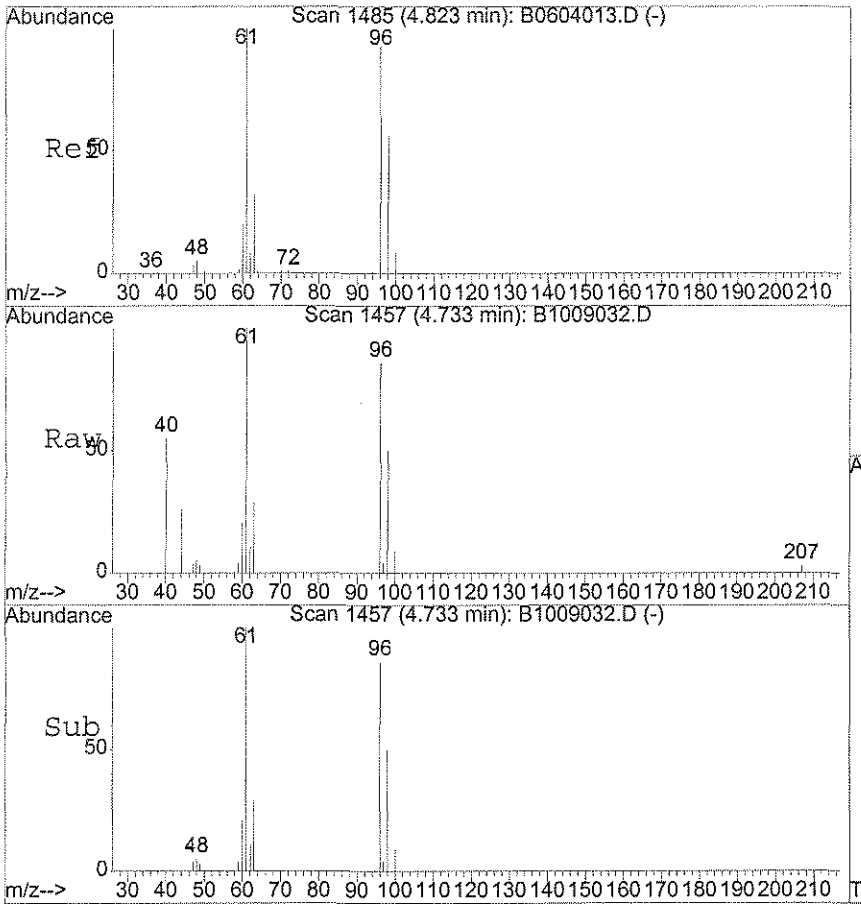


#23
1,1-Dichloroethane
Concen: 11.44 ug/l
RT: 3.83 min Scan# 1169
Delta R.T. 0.00 min
Lab File: B1009032.D
Acq: 9 Oct 2007 18:27

Tgt Ion: 63 Resp: 57365

Ion	Ratio	Lower	Upper
63	100		
65	31.5	10.2	50.2

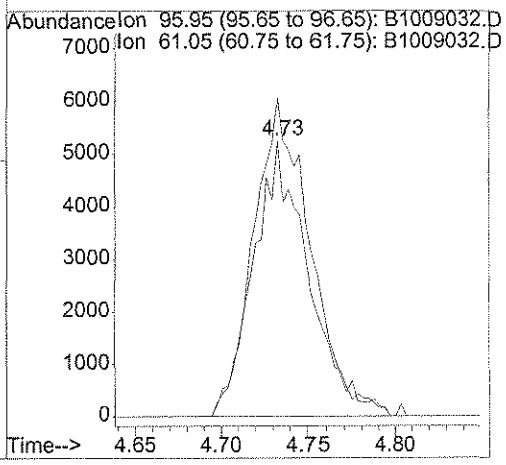


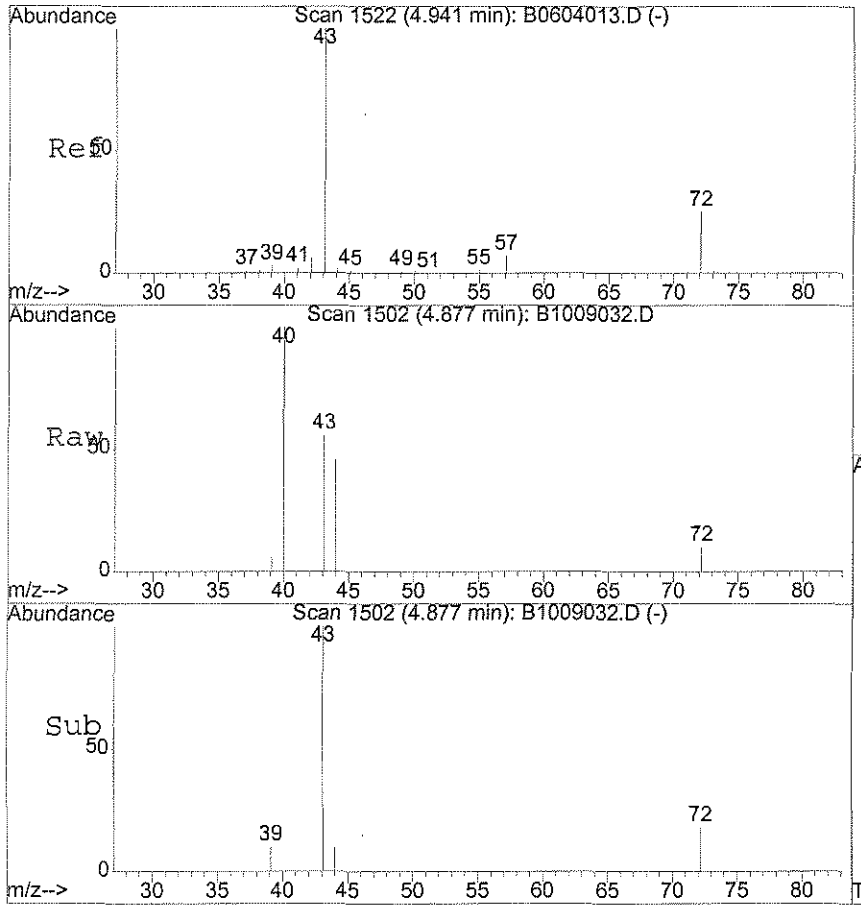


#29
cis-1,2-Dichloroethene
Concen: 3.51 ug/l
RT: 4.73 min Scan# 1457
Delta R.T. -0.00 min
Lab File: B1009032.D
Acq: 9 Oct 2007 18:27

Tgt Ion: 96 Resp: 11567

Ion	Ratio	Lower	Upper
96	100		
61	118.4	107.4	161.0

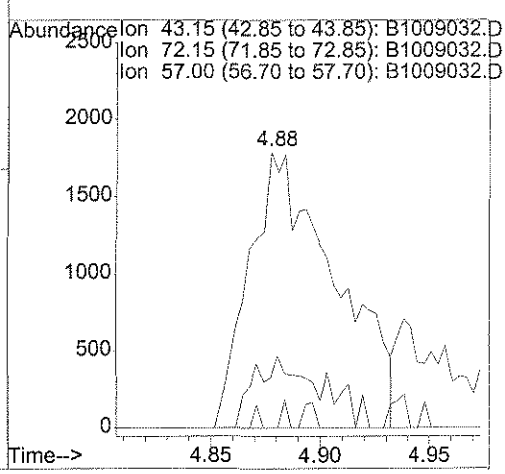


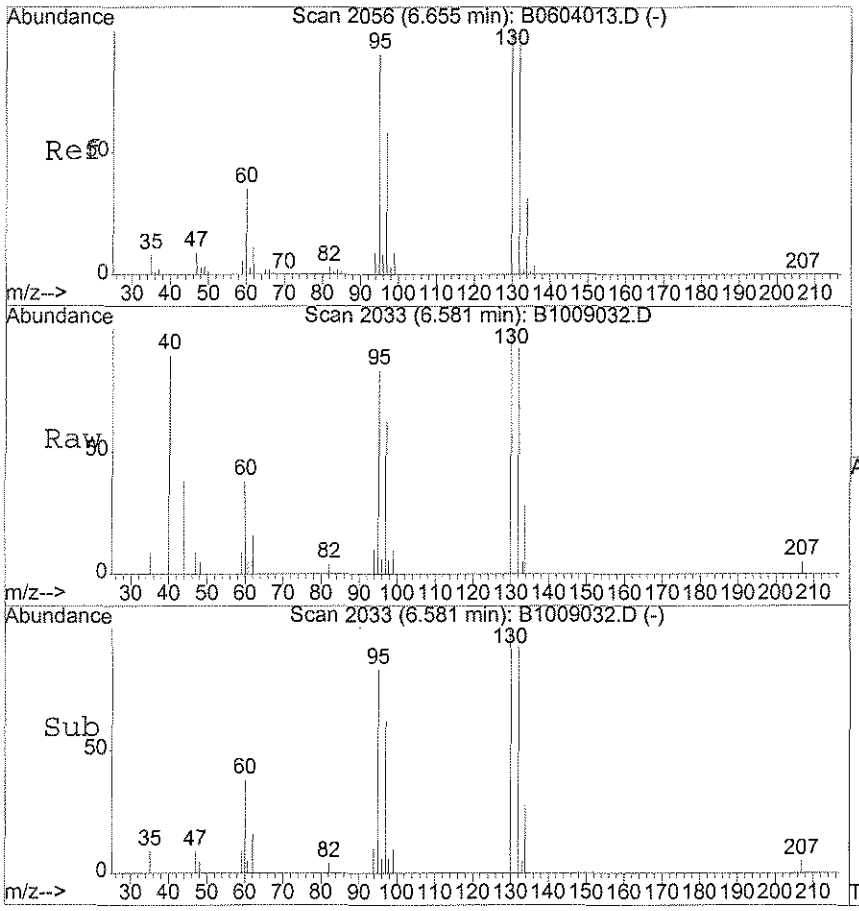


#30
2-Butanone
Concen: 3.33 ug/l
RT: 4.88 min Scan# 1502
Delta R.T. 0.02 min
Lab File: B1009032.D
Acq: 9 Oct 2007 18:27

Tgt Ion: 43 Resp: 4874

Ion	Ratio	Lower	Upper
43	100		
72	5.5	16.7	25.1#
57	0.7	6.1	9.1#

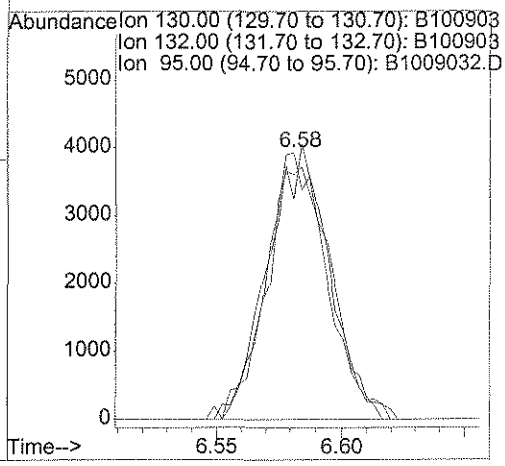




#45
Trichloroethene
Concen: 2.26 ug/l
RT: 6.58 min Scan# 2033
Delta R.T. -0.00 min
Lab File: B1009032.D
Acq: 9 Oct 2007 18:27

Tgt Ion:130 Resp: 6781

Ion	Ratio	Lower	Upper
130	100		
132	99.9	80.2	120.2
95	97.9	75.8	115.8



VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

08SSW016

Lab Name: _____ Contract: _____

SDG No.: TT02001 Run Sequence: R022318

Matrix: (SOIL/SED/WATER) Soil Lab Sample ID: TT02001-017

Sample wt/vol: 5.50 (g/mL) gm Lab File ID: B1009030.D

Level: (LOW/MED) _____ Date Collected: 10/04/2007

% Moisture: not dec. 26.0 Date/Time Analyzed: 10/09/2007 17:34

GC Column: ZB-624 20m ID: 0.18 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____(uL) Soil Aliquot Volume: _____(uL)

Heated Purge: (Y/N) Y

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/kg	Q
1330-20-7	XYLENES, TOTAL	1.2	U
75-71-8	DICHLORODIFLUOROMETHANE	1.2	U
74-87-3	CHLOROMETHANE	1.2	U
75-01-4	VINYL CHLORIDE	1.2	U
74-83-9	BROMOMETHANE	1.2	U
75-00-3	CHLOROETHANE	1.2	U
75-69-4	TRICHLOROFLUOROMETHANE	1.2	U
75-35-4	1,1-DICHLOROETHENE	1.2	U
76-13-1	1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	1.2	U
67-64-1	ACETONE	52	B
75-15-0	CARBON DISULFIDE	1.2	U
79-20-9	METHYL ACETATE	1.2	U
75-09-2	METHYLENE CHLORIDE	1.2	U
1634-04-4	METHYL TERT-BUTYL ETHER	1.2	U
156-60-5	TRANS-1,2-DICHLOROETHENE	1.2	U
75-34-3	1,1-DICHLOROETHANE	1.2	U
156-59-2	CIS-1,2-DICHLOROETHENE	2.9	J
78-93-3	2-BUTANONE	15	
67-66-3	CHLOROFORM	1.2	U
71-55-6	1,1,1-TRICHLOROETHANE	1.2	U
110-82-7	CYCLOHEXANE	1.2	U
56-23-5	CARBON TETRACHLORIDE	1.2	U
71-43-2	BENZENE	1.2	U
107-06-2	1,2-DICHLOROETHANE	1.2	U
79-01-6	TRICHLOROETHENE	1.2	U
108-87-2	METHYLCYCLOHEXANE	1.2	U
78-87-5	1,2-DICHLOROPROPANE	1.2	U
75-27-4	BROMODICHLOROMETHANE	1.2	U
10061-01-	CIS-1,3-DICHLOROPROPENE	1.2	U

1

VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

08SSW016

Lab Name: _____ Contract: _____

SDG No.: TT02001 Run Sequence: R022318

Matrix: (SOIL/SED/WATER) Soil Lab Sample ID: TT02001-017

Sample wt/vol: 5.50 (g/mL) gm Lab File ID: B1009030.D

Level: (LOW/MED) _____ Date Collected: 10/04/2007

% Moisture: not dec. 26.0 Date/Time Analyzed: 10/09/2007 17:34

GC Column: ZB-624 20m ID: 0.18 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____(uL) Soil Aliquot Volume: _____(uL)

Heated Purge: (Y/N) Y

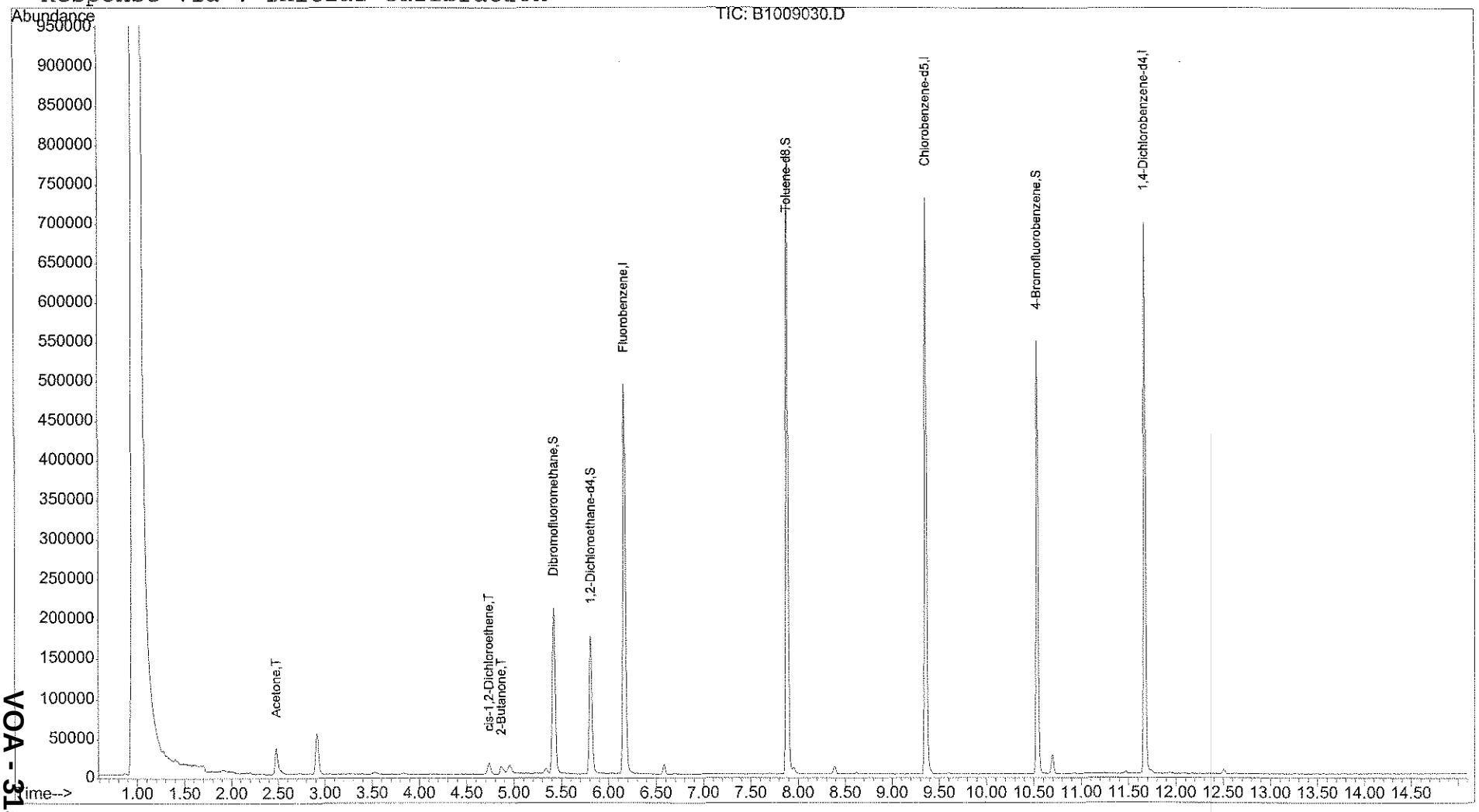
CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/kg	Q
108-10-1	4-METHYL-2-PENTANONE	1.2	U
108-88-3	TOLUENE	1.2	U
10061-02-	TRANS-1,3-DICHLOROPROPENE	1.2	U
79-00-5	1,1,2-TRICHLOROETHANE	1.2	U
127-18-4	TETRACHLOROETHENE	1.2	U
591-78-6	2-HEXANONE	1.2	U
124-48-1	DIBROMOCHLOROMETHANE	1.2	U
106-93-4	1,2-DIBROMOETHANE	1.2	U
108-90-7	CHLOROBENZENE	1.2	U
100-41-4	ETHYLBENZENE	1.2	U
179601-23	M,P-XYLENE	1.2	U
95-47-6	O-XYLENE	1.2	U
100-42-5	STYRENE	1.2	U
75-25-2	BROMOFORM	1.2	U
98-82-8	ISOPROPYLBENZENE	1.2	U
79-34-5	1,1,2,2-TETRACHLOROETHANE	1.2	U
541-73-1	1,3-DICHLOROBENZENE	1.2	U
106-46-7	1,4-DICHLOROBENZENE	1.2	U
95-50-1	1,2-DICHLOROBENZENE	1.2	U
96-12-8	1,2-DIBROMO-3-CHLOROPROPANE	1.2	U
120-82-1	1,2,4-TRICHLOROBENZENE	1.2	U

Comments:

Quantitation Report

Data File : X:\MSVOA\BUDDHA\100907\B1009030.D Vial: 24
Acq On : 9 Oct 2007 17:34 Operator: LPM
Sample : TT02001-017 Inst : Buddha
Misc : #2 5.50GM+ 5ML PFW+IS/SS Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Oct 10 8:09 2007 Quant Results File: B8260S.RES

Method : X:\MSVOA\BUDDHA\QUANT\B8260S.M (RTE Integrator)
Title : VOA 8260- 5ML Soil Calibration 5973B
Last Update : Fri Sep 28 16:30:36 2007
Response via : Initial Calibration



Quantitation Report

Data File : X:\MSVOA\BUDDHA\100907\B1009030.D Vial: 24
Acq On : 9 Oct 2007 17:34 Operator: LPM
Sample : TT02001-017 Inst : Buddha
Misc : #2 5.50GM+ 5ML PFW+IS/SS Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Oct 10 8:09 2007 Quant Results File: B8260S.RES

Quant Method : X:\MSVOA\BUDDHA\QUANT\B8260S.M (RTE Integrator)
Title : VOA 8260- 5ML Soil Calibration 5973B
Last Update : Fri Sep 28 16:30:36 2007
Response via : Initial Calibration
DataAcq Meth : 8260
IS QA File : X:\MSVOA\BUDDHA\092807\B0928013.D (28 Sep 2007 12:55)

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min) Rcv(Ar)
1) Fluorobenzene	6.17	96	469673	50.00 ug/l	0.00 75.13%
54) Chlorobenzene-d5	9.36	117	393956	50.00 ug/l	0.00 78.12%
74) 1,4-Dichlorobenzene-d4	11.67	152	181201	50.00 ug/l	0.00 54.69%

System Monitoring Compounds					
37) Dibromofluoromethane	5.42	111	145790	55.01 ug/l	0.00
Spiked Amount 50.000	Range 65 - 135		Recovery = 110.02%		
40) 1,2-Dichloroethane-d4	5.81	65	123764	52.30 ug/l	0.00
Spiked Amount 50.000	Range 52 - 149		Recovery = 104.60%		
55) Toluene-d8	7.88	98	496809	55.58 ug/l	0.00
Spiked Amount 50.000	Range 85 - 115		Recovery = 111.16%		
76) 4-Bromofluorobenzene	10.53	95	161271	56.61 ug/l	0.00
Spiked Amount 50.000	Range 85 - 120		Recovery = 113.22%		

Target Compounds					Qvalue
2) Dichlorodifluoromethane	0.00	85	0	N.D.	
3) Chloromethane	1.23	50	31	N.D.	
4) Vinyl Chloride	1.31	62	237	N.D.	
5) Bromomethane	1.54	96	27	N.D.	
6) Chloroethane	1.66	64	608	N.D.	
7) Trichlorofluoromethane	1.85	101	39	N.D.	
8) Acrolein	2.30	56	110	Below Cal #	44
9) 1,1-Dichloroethene	2.30	96	30	N.D.	
10) 1,1,2-Trichloro-1,2,2-trif	0.00	101	0	N.D.	
11) Acetone	2.48	43	45230	42.44 ug/l	91
12) Iodomethane	0.00	142	0	N.D.	
13) Bromoethane	0.00	108	0	N.D.	
14) Carbon Disulfide	2.54	76	1853	N.D.	
15) Allyl chloride	0.00	76	0	N.D.	
16) Acetonitrile	0.00	41	0	N.D. d	
17) Methyl Acetate	0.00	43	0	N.D.	
18) Methylene Chloride	2.91	84	28504	Below Cal	96
19) trans-1,2-Dichloroethene	0.00	96	0	N.D.	
20) t-Butyl alcohol	3.24	59	101	N.D.	
21) Methyl tert-butyl ether	3.25	73	27	N.D.	
22) Acrylonitrile	0.00	53	0	N.D.	

(#) = qualifier out of range (m) = manual integration

Quantitation Report

Data File : X:\MSVOA\BUDDHA\100907\B1009030.D Vial: 24
Acq On : 9 Oct 2007 17:34 Operator: LPM
Sample : TT02001-017 Inst : Buddha
Misc : #2 5.50GM+ 5ML PFW+IS/SS Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Oct 10 8:09 2007 Quant Results File: B8260S.RES

Quant Method : X:\MSVOA\BUDDHA\QUANT\B8260S.M (RTE Integrator)
Title : VOA 8260- 5ML Soil Calibration 5973B
Last Update : Fri Sep 28 16:30:36 2007
Response via : Initial Calibration
DataAcq Meth : 8260

Compound	R.T.	QIon	Response	Conc Unit	Qvalue
23) 1,1-Dichloroethane	3.83	63	1096	N.D.	
24) Chloroprene	0.00	53	0	N.D.	
25) Isopropyl ether	0.00	45	0	N.D.	
26) Vinyl acetate	0.00	43	0	N.D.	
27) Ethyl-t-butyl ether	4.50	59	40	N.D.	
28) 2,2-Dichloropropane	0.00	77	0	N.D.	
29) cis-1,2-Dichloroethene	4.74	96	8351	2.39 ug/l #	37
30) 2-Butanone	4.86	43	18728	12.09 ug/l #	93
31) Propionitrile	0.00	54	0	N.D.	
32) Bromochloromethane	0.00	128	0	N.D.	
33) Methacrylonitrile	5.23	41	113	N.D.	
34) Chloroform	5.20	83	324	N.D.	
35) 1,1,1-Trichloroethane	5.34	97	5747	N.D.	
36) Cyclohexane	5.35	56	31	N.D.	
38) Carbon Tetrachloride	0.00	117	0	N.D.	
39) 1,1-Dichloropropene	5.54	75	33	N.D.	
41) Benzene	5.81	78	2885	N.D.	
42) 1,2-Dichloroethane	0.00	62	0	N.D.	
43) t-Amyl methyl ether	0.00	73	0	N.D.	
44) Isobutanol	6.02	43	31	N.D.	
45) Trichloroethene	6.58	130	4427	N.D.	
46) Methylcyclohexane	6.72	83	36	N.D.	
47) 1,2-Dichloropropane	0.00	63	0	N.D.	
48) Dibromomethane	0.00	93	0	N.D.	
49) Methyl methacrylate	6.92	41	33	N.D.	
50) Bromodichloromethane	0.00	83	0	N.D.	
51) 2-Chloroethyl vinyl ether	0.00	63	0	N.D.	
52) cis-1,3-Dichloropropene	0.00	75	0	N.D.	
53) 4-Methyl-2-pentanone	7.88	43	2514	N.D.	
56) Toluene	7.95	92	2447	N.D.	
57) trans-1,3-Dichloropropene	8.39	75	32	N.D.	
58) Ethyl methacrylate	0.00	69	0	N.D.	
59) 1,1,2-Trichloroethane	8.38	97	44	N.D.	
60) Tetrachloroethene	8.49	166	168	N.D.	
61) 1,3-Dichloropropane	0.00	76	0	N.D.	
62) 2-Hexanone	8.72	43	225	N.D.	
63) Dibromochloromethane	0.00	129	0	N.D.	
64) 1,2-Dibromoethane	0.00	107	0	N.D.	
65) 1-Chlorohexane	9.36	91	751	N.D.	
66) Chlorobenzene	9.38	112	47	N.D.	
67) 1,1,1,2-Tetrachloroethane	0.00	131	0	N.D.	

(#) = qualifier out of range (m) = manual integration

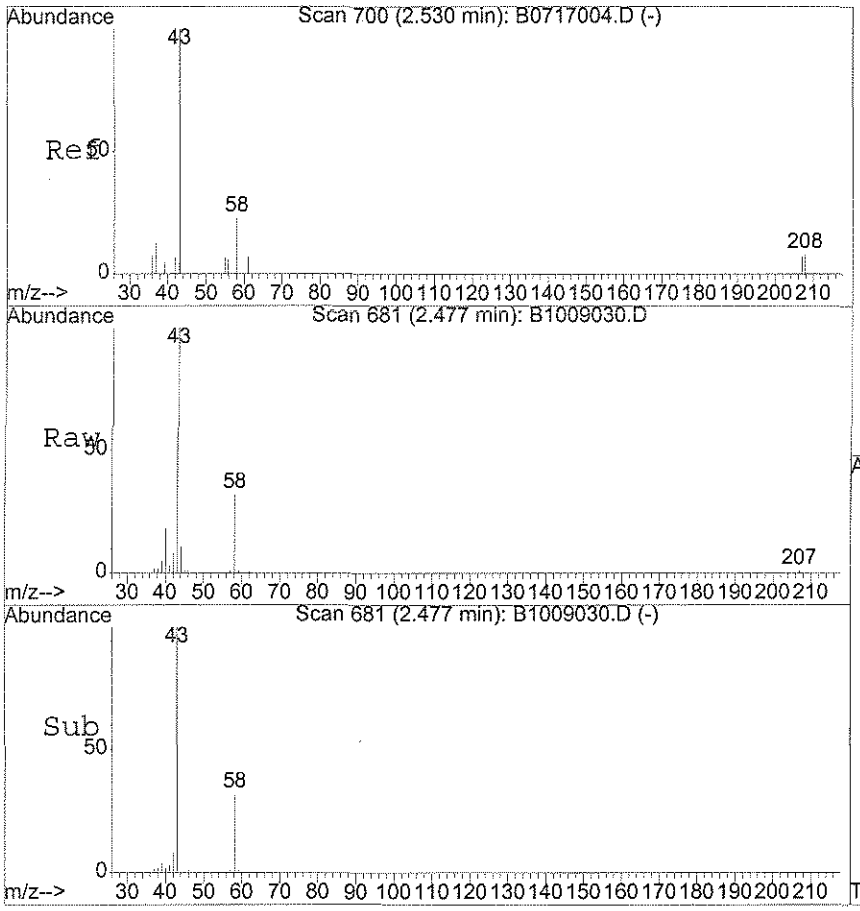
Quantitation Report

Data File : X:\MSVOA\BUDDHA\100907\B1009030.D Vial: 24
Acq On : 9 Oct 2007 17:34 Operator: LPM
Sample : TT02001-017 Inst : Buddha
Misc : #2 5.50GM+ 5ML PFW+IS/SS Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Oct 10 8:09 2007 Quant Results File: B8260S.RES

Quant Method : X:\MSVOA\BUDDHA\QUANT\B8260S.M (RTE Integrator)
Title : VOA 8260- 5ML Soil Calibration 5973B
Last Update : Fri Sep 28 16:30:36 2007
Response via : Initial Calibration
DataAcq Meth : 8260

	Compound	R.T.	QIon	Response	Conc Unit	Qvalue
68)	Ethylbenzene	9.48	91	612	N.D.	
69)	m,p-Xylene	9.61	106	551	N.D.	
70)	o-xylene	10.00	106	105	N.D.	
71)	Styrene	10.02	104	31	N.D.	
72)	Bromoform	0.00	173	0	N.D.	
73)	Isopropylbenzene	10.35	105	94	N.D.	
75)	trans-1,4-Dichloro-2-buten	0.00	53	0	N.D.	
77)	Bromobenzene	10.67	156	34	N.D.	
78)	1,1,2,2-Tetrachloroethane	0.00	83	0	N.D.	
79)	1,2,3-Trichloropropane	0.00	110	0	N.D.	
80)	n-Propylbenzene	0.00	120	0	N.D.	
81)	2-Chlorotoluene	10.86	91	91	N.D.	
82)	4-Chlorotoluene	10.97	91	70	N.D.	
83)	1,3,5-Trimethylbenzene	10.94	105	218	N.D.	
84)	tert-Butylbenzene	0.00	119	0	N.D.	
85)	1,2,4-Trimethylbenzene	11.31	105	327	N.D.	
86)	sec-butylbenzene	11.47	105	63	N.D.	
87)	1,3-Dichlorobenzene	11.60	146	46	N.D.	
88)	4-Isopropyltoluene	11.63	119	162	N.D.	
89)	1,4-Dichlorobenzene	11.70	146	304	N.D.	
90)	1,2-Dichlorobenzene	12.07	146	29	N.D.	
91)	n-Butylbenzene	12.03	91	63	N.D.	
92)	1,2-Dibromo-3-chloropropan	0.00	75	0	N.D.	
93)	1,2,4-Trichlorobenzene	13.65	180	119	N.D.	
94)	Hexachlorobutadiene	0.00	225	0	N.D.	
95)	Naphthalene	13.90	128	960	N.D.	
96)	1,2,3-Trichlorobenzene	14.14	180	40	N.D.	

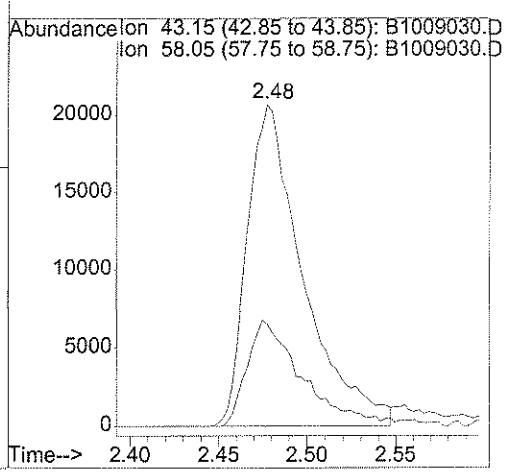
(#) = qualifier out of range (m) = manual integration

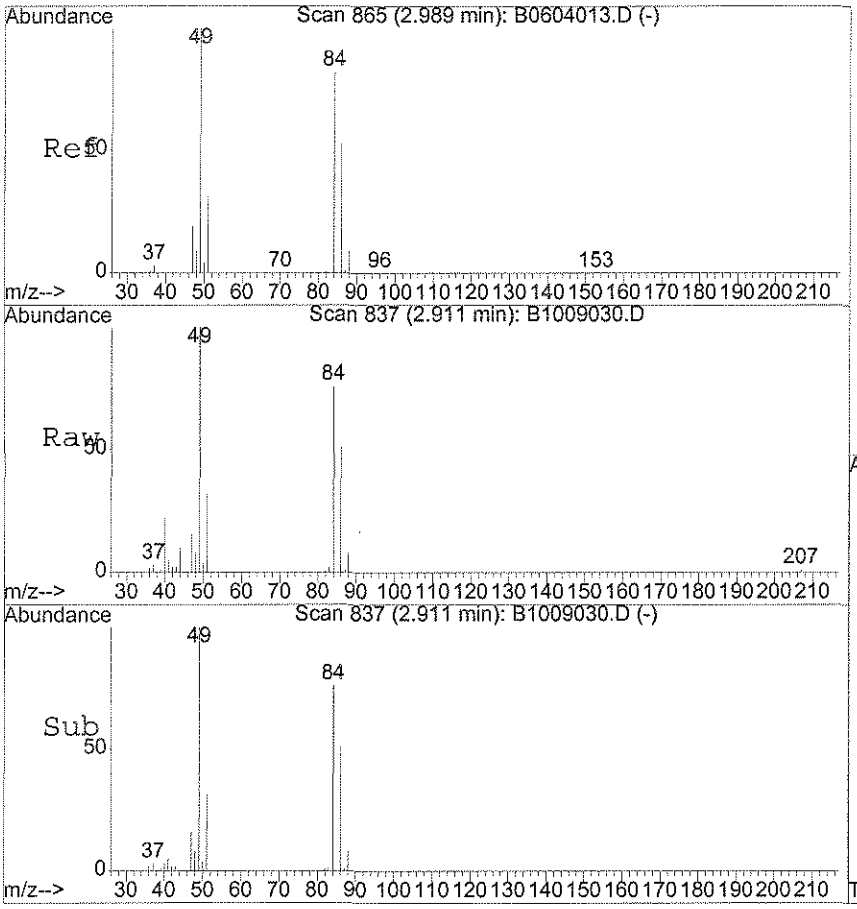


#11
Acetone
Concen: 42.44 ug/l
RT: 2.48 min Scan# 681
Delta R.T. 0.00 min
Lab File: B1009030.D
Acq: 9 Oct 2007 17:34

Tgt Ion: 43 Resp: 45230

Ion	Ratio	Lower	Upper
43	100		
58	32.3	22.0	33.0

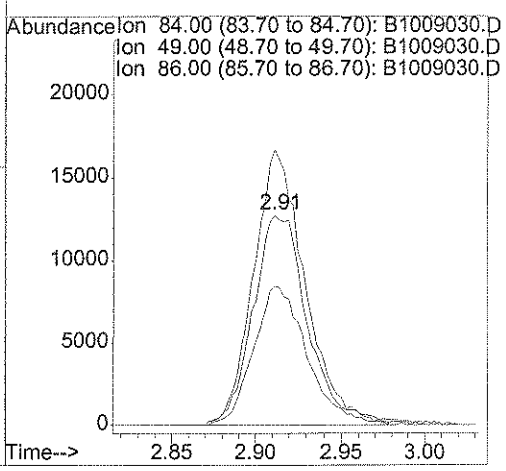


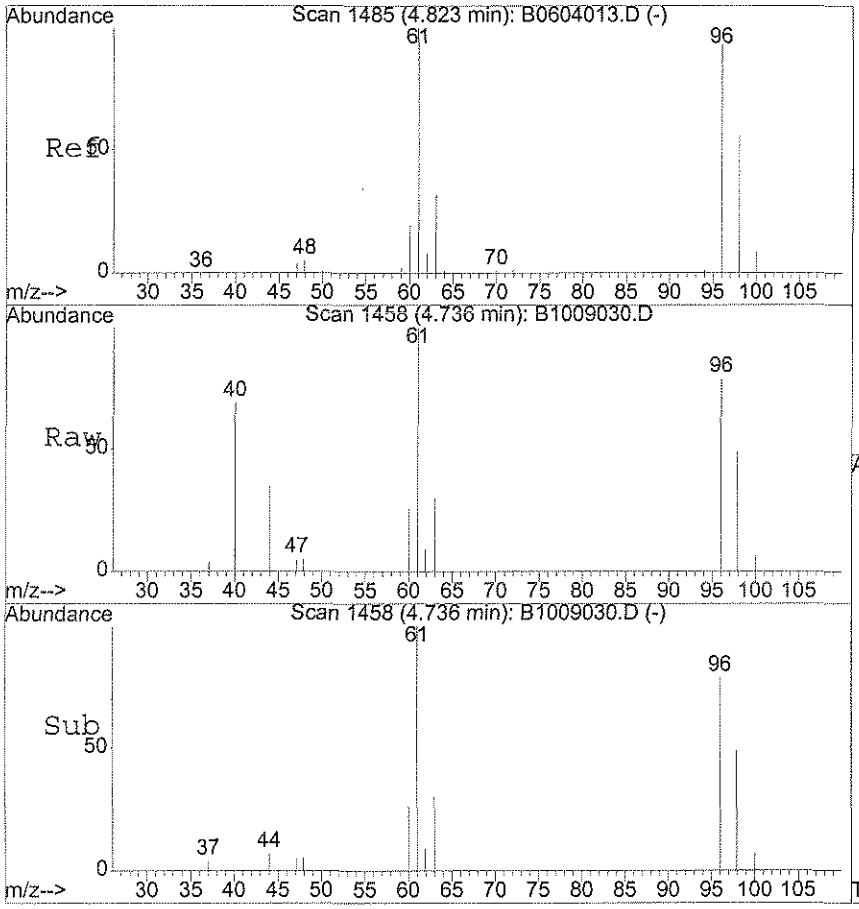


#18
Methylene Chloride
Concen: Below Cal
RT: 2.91 min Scan# 837
Delta R.T. 0.00 min
Lab File: B1009030.D
Acq: 9 Oct 2007 17:34

Tgt Ion: 84 Resp: 28504

Ion	Ratio	Lower	Upper
84	100		
49	126.2	113.6	153.6
86	65.2	45.8	85.8

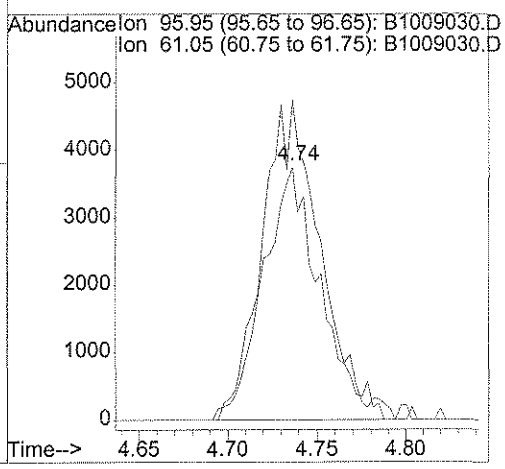


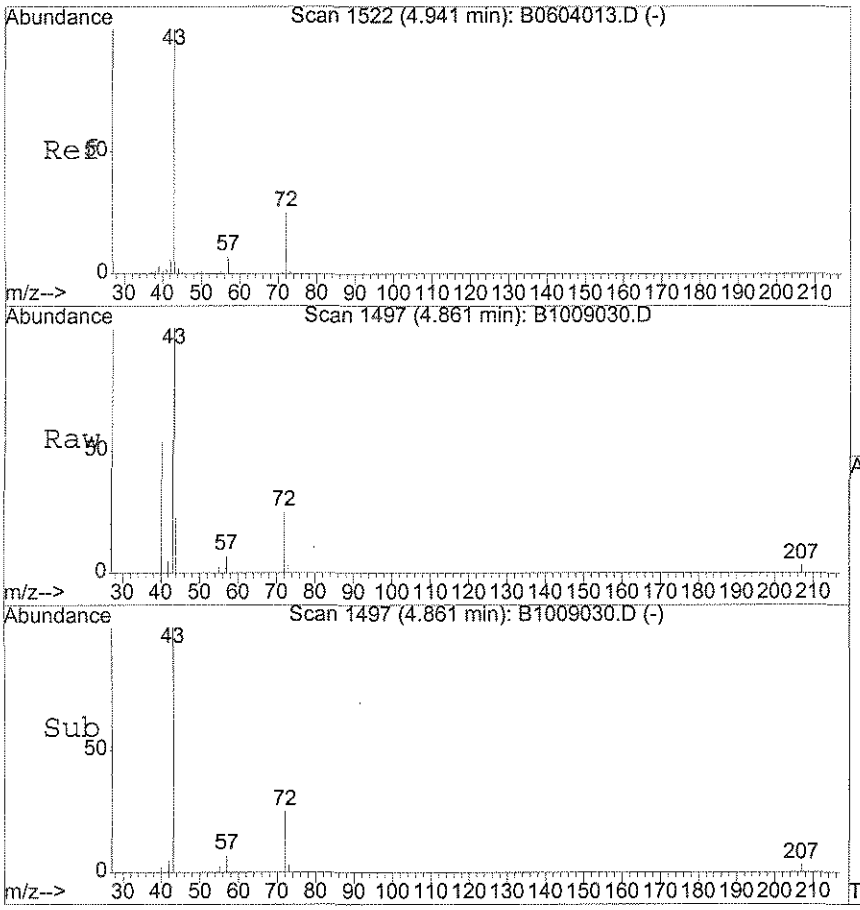


#29
cis-1,2-Dichloroethene
Concen: 2.39 ug/l
RT: 4.74 min Scan# 1458
Delta R.T. 0.00 min
Lab File: B1009030.D
Acq: 9 Oct 2007 17:34

Tgt Ion: 96 Resp: 8351

Ion	Ratio	Lower	Upper
96	100		
61	59.0	107.4	161.0#

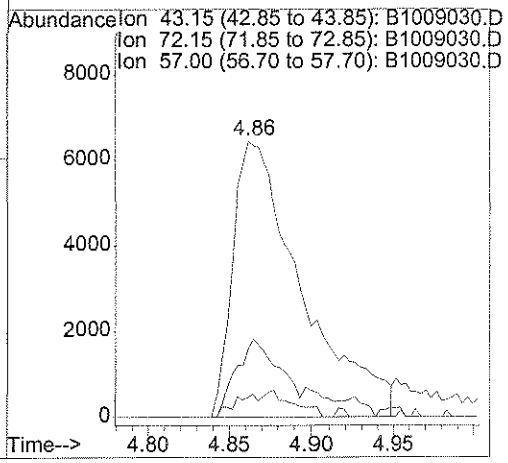




#30
2-Butanone
Concen: 12.09 ug/l
RT: 4.86 min Scan# 1497
Delta R.T. 0.00 min
Lab File: B1009030.D
Acq: 9 Oct 2007 17:34

Tgt Ion: 43 Resp: 18728

Ion	Ratio	Lower	Upper
43	100		
72	18.5	16.7	25.1
57	3.0	6.1	9.1#



1

VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

08TB100407

Lab Name: _____ Contract: _____

SDG No.: TT02001 Run Sequence: R022318

Matrix: (SOIL/SED/WATER) Soil Lab Sample ID: TT02001-018

Sample wt/vol: 5.00 (g/mL) gm Lab File ID: B1009013.D

Level: (LOW/MED) _____ Date Collected: 10/04/2007

% Moisture: not dec. 0.0 Date/Time Analyzed: 10/09/2007 10:06

GC Column: ZB-624 20m ID: 0.18 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____(uL) Soil Aliquot Volume: _____(uL)

Heated Purge: (Y/N) Y

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/kg	Q
1330-20-7	XYLENES, TOTAL	1.0	U
75-71-8	DICHLORODIFLUOROMETHANE	1.0	U
74-87-3	CHLOROMETHANE	1.0	U
75-01-4	VINYL CHLORIDE	1.0	U
74-83-9	BROMOMETHANE	1.0	U
75-00-3	CHLOROETHANE	1.0	U
75-69-4	TRICHLOROFLUOROMETHANE	1.0	U
75-35-4	1,1-DICHLOROETHENE	1.0	U
76-13-1	1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	1.0	U
67-64-1	ACETONE	6.4	JB
75-15-0	CARBON DISULFIDE	1.0	U
79-20-9	METHYL ACETATE	1.0	U
75-09-2	METHYLENE CHLORIDE	16	B
1634-04-4	METHYL TERT-BUTYL ETHER	1.0	U
156-60-5	TRANS-1,2-DICHLOROETHENE	1.0	U
75-34-3	1,1-DICHLOROETHANE	1.0	U
156-59-2	CIS-1,2-DICHLOROETHENE	1.0	U
78-93-3	2-BUTANONE	1.0	U
67-66-3	CHLOROFORM	1.0	U
71-55-6	1,1,1-TRICHLOROETHANE	1.0	U
110-82-7	CYCLOHEXANE	1.0	U
56-23-5	CARBON TETRACHLORIDE	1.0	U
71-43-2	BENZENE	1.0	U
107-06-2	1,2-DICHLOROETHANE	1.0	U
79-01-6	TRICHLOROETHENE	1.0	U
108-87-2	METHYLCYCLOHEXANE	1.0	U
78-87-5	1,2-DICHLOROPROPANE	1.0	U
75-27-4	BROMODICHLOROMETHANE	1.0	U
10061-01-	CIS-1,3-DICHLOROPROPENE	1.0	U

VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

08TB100407

Lab Name: _____ Contract: _____

SDG No.: TT02001 Run Sequence: R022318

Matrix: (SOIL/SED/WATER) Soil Lab Sample ID: TT02001-018

Sample wt/vol: 5.00 (g/mL) gm Lab File ID: B1009013.D

Level: (LOW/MED) _____ Date Collected: 10/04/2007

% Moisture: not dec. 0.0 Date/Time Analyzed: 10/09/2007 10:06

GC Column: ZB-624 20m ID: 0.18 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____(uL) Soil Aliquot Volume: _____(uL)

Heated Purge: (Y/N) Y

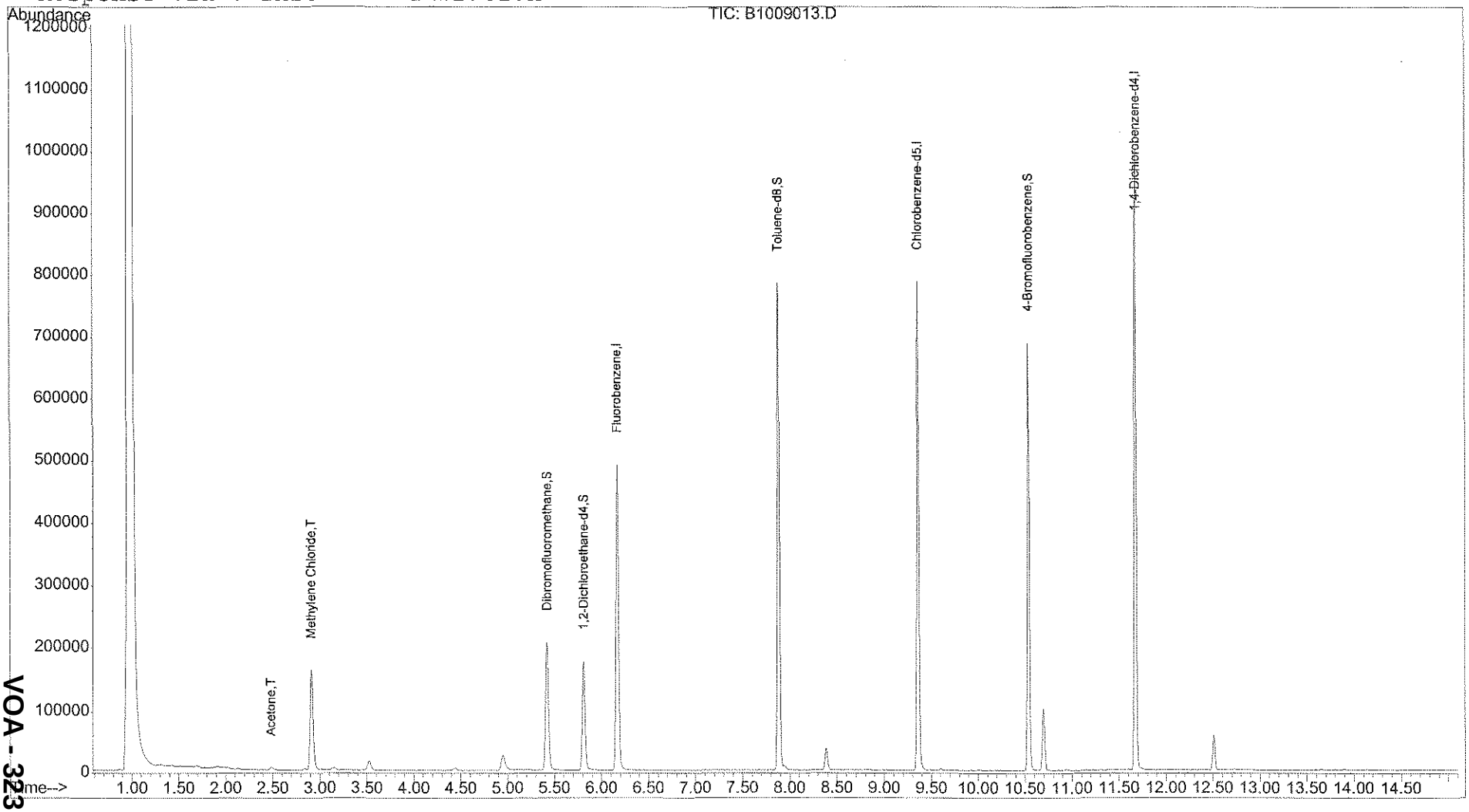
CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/kg	Q
108-10-1	4-METHYL-2-PENTANONE	1.0	U
108-88-3	TOLUENE	1.0	U
10061-02-	TRANS-1,3-DICHLOROPROPENE	1.0	U
79-00-5	1,1,2-TRICHLOROETHANE	1.0	U
127-18-4	TETRACHLOROETHENE	1.0	U
591-78-6	2-HEXANONE	1.0	U
124-48-1	DIBROMOCHLOROMETHANE	1.0	U
106-93-4	1,2-DIBROMOETHANE	1.0	U
108-90-7	CHLOROBENZENE	1.0	U
100-41-4	ETHYLBENZENE	1.0	U
179601-23	M,P-XYLENE	1.0	U
95-47-6	O-XYLENE	1.0	U
100-42-5	STYRENE	1.0	U
75-25-2	BROMOFORM	1.0	U
98-82-8	ISOPROPYLBENZENE	1.0	U
79-34-5	1,1,2,2-TETRACHLOROETHANE	1.0	U
541-73-1	1,3-DICHLOROBENZENE	1.0	U
106-46-7	1,4-DICHLOROBENZENE	1.0	U
95-50-1	1,2-DICHLOROBENZENE	1.0	U
96-12-8	1,2-DIBROMO-3-CHLOROPROPANE	1.0	U
120-82-1	1,2,4-TRICHLOROBENZENE	1.0	U

Comments:

Quantitation Report

Data File : X:\MSVOA\BUDDHA\100907\B1009013.D Vial: 7
Acq On : 9 Oct 2007 10:06 Operator: LPM
Sample : TT02001-018 Inst : Buddha
Misc : #1 5.00GM+ 5ML PFW+IS/SS Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Oct 10 7:55 2007 Quant Results File: B8260S.RES

Method : X:\MSVOA\BUDDHA\QUANT\B8260S.M (RTE Integrator)
Title : VOA 8260- 5ML Soil Calibration 5973B
Last Update : Fri Sep 28 16:30:36 2007
Response via : Initial Calibration



Quantitation Report

Data File : X:\MSVOA\BUDDHA\100907\B1009013.D Vial: 7
Acq On : 9 Oct 2007 10:06 Operator: LPM
Sample : TT02001-018 Inst : Buddha
Misc : #1 5.00GM+ 5ML PFW+IS/SS Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Oct 10 7:55 2007 Quant Results File: B8260S.RES

Quant Method : X:\MSVOA\BUDDHA\QUANT\B8260S.M (RTE Integrator)
Title : VOA 8260- 5ML Soil Calibration 5973B
Last Update : Fri Sep 28 16:30:36 2007
Response via : Initial Calibration
DataAcq Meth : 8260
IS QA File : X:\MSVOA\BUDDHA\092807\B0928013.D (28 Sep 2007 12:55)

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min) Rcv(Ar)
1) Fluorobenzene	6.17	96	462153	50.00 ug/l	0.00 73.93%
54) Chlorobenzene-d5	9.36	117	430942	50.00 ug/l	0.00 85.46%
74) 1,4-Dichlorobenzene-d4	11.67	152	252662	50.00 ug/l	0.00 76.26%

System Monitoring Compounds

37) Dibromofluoromethane	5.42	111	144561	55.44 ug/l	0.00
Spiked Amount 50.000	Range 65 - 135		Recovery = 110.88%		
40) 1,2-Dichloroethane-d4	5.81	65	125504	53.90 ug/l	0.00
Spiked Amount 50.000	Range 52 - 149		Recovery = 107.80%		
55) Toluene-d8	7.88	98	499229	51.06 ug/l	0.00
Spiked Amount 50.000	Range 85 - 115		Recovery = 102.12%		
76) 4-Bromofluorobenzene	10.54	95	197426	49.70 ug/l	0.00
Spiked Amount 50.000	Range 85 - 120		Recovery = 99.40%		

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.09	85	63	N.D.	
3) Chloromethane	1.23	50	30	N.D.	
4) Vinyl Chloride	1.31	62	31	N.D.	
5) Bromomethane	1.55	96	25	N.D.	
6) Chloroethane	0.00	64	0	N.D.	
7) Trichlorofluoromethane	1.85	101	79	N.D.	
8) Acrolein	2.30	56	93	Below Cal #	13
9) 1,1-Dichloroethene	2.32	96	25	N.D.	
10) 1,1,2-Trichloro-1,2,2-trif	0.00	101	0	N.D.	
11) Acetone	2.48	43	6670	6.36 ug/l	94
12) Iodomethane	0.00	142	0	N.D.	
13) Bromoethane	0.00	108	0	N.D.	
14) Carbon Disulfide	2.54	76	201	N.D.	
15) Allyl chloride	0.00	76	0	N.D.	
16) Acetonitrile	2.81	41	150	N.D.	
17) Methyl Acetate	2.83	43	571	N.D.	
18) Methylene Chloride	2.91	84	87661	15.94 ug/l	95
19) trans-1,2-Dichloroethene	0.00	96	0	N.D.	
20) t-Butyl alcohol	0.00	59	0	N.D.	
21) Methyl tert-butyl ether	3.24	73	88	N.D.	
22) Acrylonitrile	0.00	53	0	N.D.	

(#) = qualifier out of range (m) = manual integration

Quantitation Report

Data File : X:\MSVOA\BUDDHA\100907\B1009013.D Vial: 7
Acq On : 9 Oct 2007 10:06 Operator: LPM
Sample : TT02001-018 Inst : Buddha
Misc : #1 5.00GM+ 5ML PFW+IS/SS Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Oct 10 7:55 2007 Quant Results File: B8260S.RES

Quant Method : X:\MSVOA\BUDDHA\QUANT\B8260S.M (RTE Integrator)
Title : VOA 8260- 5ML Soil Calibration 5973B
Last Update : Fri Sep 28 16:30:36 2007
Response via : Initial Calibration
DataAcq Meth : 8260

Compound	R.T.	QIon	Response	Conc Unit	Qvalue
23) 1,1-Dichloroethane	0.00	63	0	N.D.	
24) Chloroprene	0.00	53	0	N.D.	
25) Isopropyl ether	0.00	45	0	N.D.	
26) Vinyl acetate	0.00	43	0	N.D.	
27) Ethyl-t-butyl ether	0.00	59	0	N.D.	
28) 2,2-Dichloropropane	0.00	77	0	N.D.	
29) cis-1,2-Dichloroethene	0.00	96	0	N.D.	
30) 2-Butanone	4.88	43	60	N.D.	
31) Propionitrile	0.00	54	0	N.D.	
32) Bromochloromethane	0.00	128	0	N.D.	
33) Methacrylonitrile	5.13	41	34	N.D.	
34) Chloroform	5.21	83	994	N.D.	
35) 1,1,1-Trichloroethane	0.00	97	0	N.D.	
36) Cyclohexane	0.00	56	0	N.D.	
38) Carbon Tetrachloride	0.00	117	0	N.D.	
39) 1,1-Dichloropropene	5.53	75	353	N.D.	
41) Benzene	5.80	78	896	N.D.	
42) 1,2-Dichloroethane	0.00	62	0	N.D.	
43) t-Amyl methyl ether	0.00	73	0	N.D.	
44) Isobutanol	6.09	43	29	N.D.	
45) Trichloroethene	6.57	130	31	N.D.	
46) Methylcyclohexane	6.70	83	34	N.D.	
47) 1,2-Dichloropropane	0.00	63	0	N.D.	
48) Dibromomethane	0.00	93	0	N.D.	
49) Methyl methacrylate	7.10	41	30	N.D.	
50) Bromodichloromethane	0.00	83	0	N.D.	
51) 2-Chloroethyl vinyl ether	0.00	63	0	N.D.	
52) cis-1,3-Dichloropropene	0.00	75	0	N.D.	
53) 4-Methyl-2-pentanone	7.85	43	186	N.D.	
56) Toluene	7.95	92	1558	N.D.	
57) trans-1,3-Dichloropropene	8.38	75	179	N.D.	
58) Ethyl methacrylate	0.00	69	0	N.D.	
59) 1,1,2-Trichloroethane	8.39	97	110	N.D.	
60) Tetrachloroethene	8.50	166	29	N.D.	
61) 1,3-Dichloropropane	0.00	76	0	N.D.	
62) 2-Hexanone	8.71	43	151	N.D.	
63) Dibromochloromethane	0.00	129	0	N.D.	
64) 1,2-Dibromoethane	0.00	107	0	N.D.	
65) 1-Chlorohexane	9.36	91	863	N.D.	
66) Chlorobenzene	9.38	112	327	N.D.	
67) 1,1,1,2-Tetrachloroethane	0.00	131	0	N.D.	

(#) = qualifier out of range (m) = manual integration

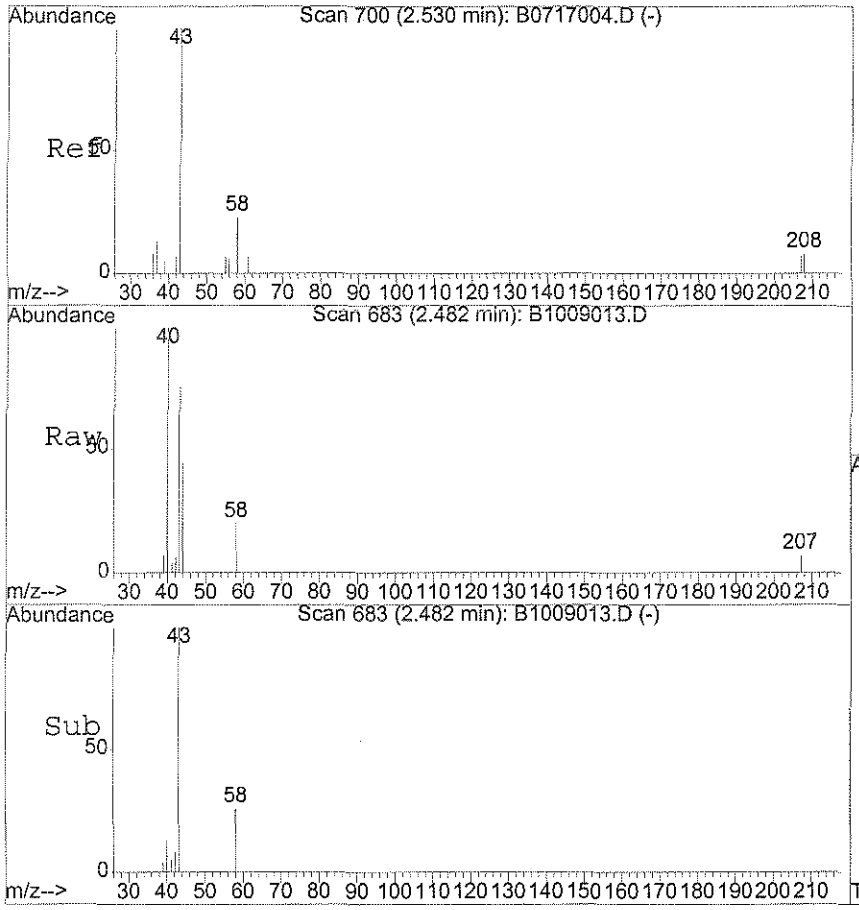
Quantitation Report

Data File : X:\MSVOA\BUDDHA\100907\B1009013.D Vial: 7
Acq On : 9 Oct 2007 10:06 Operator: LPM
Sample : TT02001-018 Inst : Buddha
Misc : #1 5.00GM+ 5ML PFW+IS/SS Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Oct 10 7:55 2007 Quant Results File: B8260S.RES

Quant Method : X:\MSVOA\BUDDHA\QUANT\B8260S.M (RTE Integrator)
Title : VOA 8260- 5ML Soil Calibration 5973B
Last Update : Fri Sep 28 16:30:36 2007
Response via : Initial Calibration
DataAcq Meth : 8260

	Compound	R.T.	QIon	Response	Conc Unit	Qvalue
68)	Ethylbenzene	9.49	91	730	N.D.	
69)	m,p-Xylene	9.60	106	809	N.D.	
70)	o-xylene	10.00	106	256	N.D.	
71)	Styrene	10.02	104	387	N.D.	
72)	Bromoform	0.00	173	0	N.D.	
73)	Isopropylbenzene	10.35	105	200	N.D.	
75)	trans-1,4-Dichloro-2-buten	0.00	53	0	N.D.	
77)	Bromobenzene	10.68	156	141	N.D.	
78)	1,1,2,2-Tetrachloroethane	10.71	83	36	N.D.	
79)	1,2,3-Trichloropropane	10.72	110	33	N.D.	
80)	n-Propylbenzene	10.77	120	46	N.D.	
81)	2-Chlorotoluene	10.85	91	397	N.D.	
82)	4-Chlorotoluene	10.97	91	639	N.D.	
83)	1,3,5-Trimethylbenzene	10.94	105	307	N.D.	
84)	tert-Butylbenzene	11.26	119	61	N.D.	
85)	1,2,4-Trimethylbenzene	11.31	105	659	N.D.	
86)	sec-butylbenzene	11.47	105	421	N.D.	
87)	1,3-Dichlorobenzene	11.61	146	647	N.D.	
88)	4-Isopropyltoluene	11.62	119	573	N.D.	
89)	1,4-Dichlorobenzene	11.70	146	960	N.D.	
90)	1,2-Dichlorobenzene	12.07	146	674	N.D.	
91)	n-Butylbenzene	12.03	91	553	N.D.	
92)	1,2-Dibromo-3-chloropropan	0.00	75	0	N.D.	
93)	1,2,4-Trichlorobenzene	13.65	180	442	N.D.	
94)	Hexachlorobutadiene	13.79	225	174	N.D.	
95)	Naphthalene	13.90	128	1903	N.D.	
96)	1,2,3-Trichlorobenzene	14.13	180	183	N.D.	

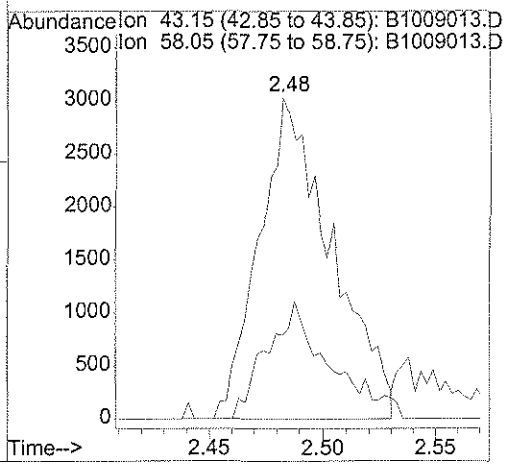
(#) = qualifier out of range (m) = manual integration

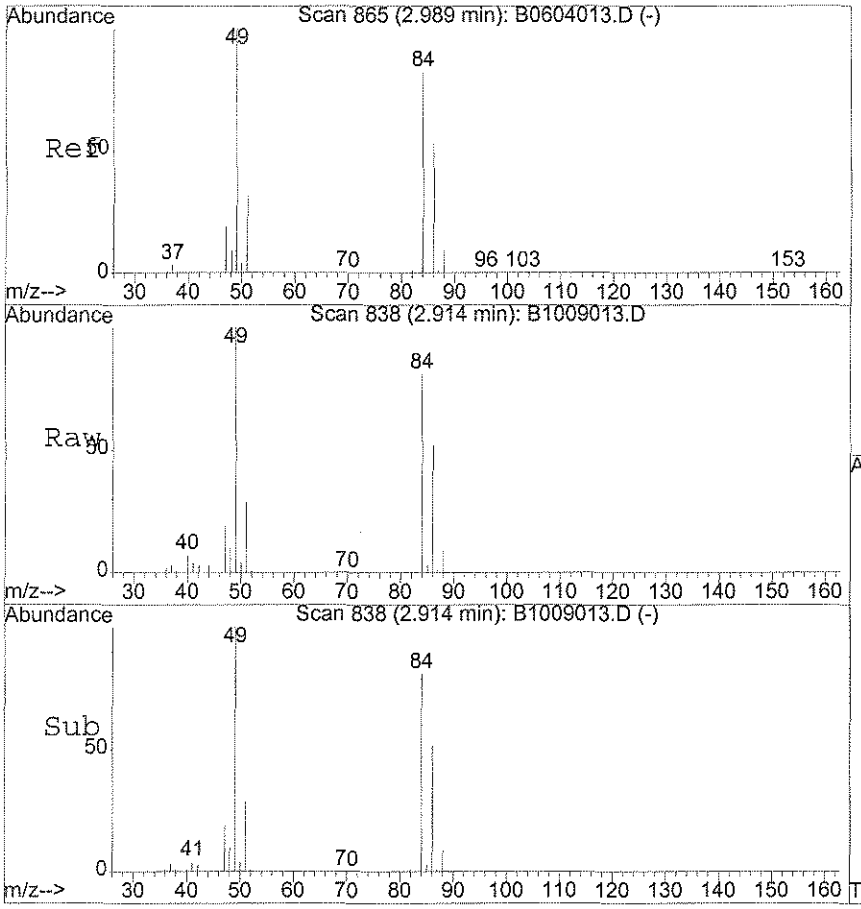


#11
Acetone
Concen: 6.36 ug/l
RT: 2.48 min Scan# 683
Delta R.T. 0.01 min
Lab File: B1009013.D
Acq: 9 Oct 2007 10:06

Tgt Ion: 43 Resp: 6670

Ion	Ratio	Lower	Upper
43	100		
58	30.4	22.0	33.0

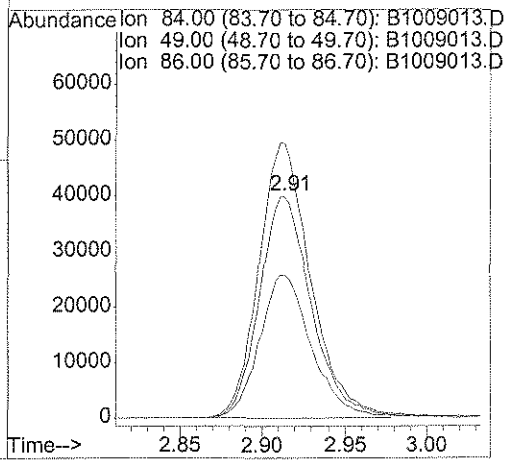




#18
Methylene Chloride
Concen: 15.94 ug/l
RT: 2.91 min Scan# 838
Delta R.T. 0.00 min
Lab File: B1009013.D
Acq: 9 Oct 2007 10:06

Tgt Ion: 84 Resp: 87661

Ion	Ratio	Lower	Upper
84	100		
49	125.3	113.6	153.6
86	64.9	45.8	85.8



STANDARDS DATA

SDG TT02001

VOLATILES ANALYSIS

VOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: Laucks Testing Laboratories, Inc.

Contract:

Run Sequence: R022374

SDG No.: TT02001

Instrument ID: 5973B

Calibration Dates: 09/28/2007 ~~13:48~~ 09/28/2007

Heated Purge: (Y/N) Y

Calibration Times: ~~09/28/2007~~ 10:47 13:48

GC Column: ZB-624 20m ID: 0.18 (mm)

Mean % RSD: 6.92

Analyte	Std 1	RF 1	Std 2	RF 2	Std 3	RF 3	Std 4	RF 4	Std 5	RF 5	Std 6	RF 6	Std 7	RF 7	Std 8	RF 8	$\overline{RF}$	%RSD	r^2 COD	Eq Ty
DICHLORODIFLUOROMET	2	2.509E-01	3	2.570E-01	10	2.290E-01	20	2.179E-01	50	2.529E-01	100	2.389E-01	200	2.130E-01			0.237	7.47		A
CHLOROMETHANE	2	4.560E-01	3	4.490E-01	10	4.300E-01	20	3.650E-01	50	3.919E-01	100	3.800E-01	200	3.350E-01			0.401	11.29		A
VINYL CHLORIDE	2	3.829E-01	3	3.770E-01	10	3.409E-01	20	3.039E-01	50	3.400E-01	100	3.310E-01	200	2.980E-01			0.339	9.61		A
BROMOMETHANE	2	2.460E-01	3	2.520E-01	10	2.240E-01	20	1.870E-01	50	1.980E-01	100	1.840E-01					0.215	13.92		A
CHLOROETHANE	3	2.370E-01	10	2.150E-01	20	1.830E-01	50	1.959E-01	100	1.930E-01	200	1.520E-01					0.196	14.80		A
TRICHLOROFLUOROMETH	2	4.030E-01	3	4.250E-01	10	3.840E-01	20	3.470E-01	50	3.939E-01	100	3.779E-01	200	3.429E-01			0.382	7.72		A
1,1-DICHLOROETHENE	2	3.619E-01	3	2.949E-01	10	2.890E-01	20	2.590E-01	50	2.840E-01	100	2.619E-01	200	2.490E-01			0.286	13.19		A
1,1,2-TRICHLORO-1,2,2-TRIF	3	2.469E-01	10	2.660E-01	20	2.420E-01	50	2.820E-01	100	2.529E-01	200	2.410E-01					0.255	6.19		A
ACETONE	10	1.410E-01	20	1.170E-01	50	1.020E-01	100	1.080E-01	200	9.799E-02							0.113	15.26		A
CARBON DISULFIDE	2	1.076E+00	3	1.050E+00	10	1.036E+00	20	9.039E-01	50	9.890E-01	100	8.690E-01	200	8.640E-01			0.970	9.26		A
METHYL ACETATE	3	3.140E-01	10	3.190E-01	20	2.770E-01	50	2.770E-01	100	2.899E-01	200	2.770E-01					0.292	6.59		A
METHYLENE CHLORIDE	3	1.535E+00	10	7.319E-01	20	4.810E-01	50	4.300E-01	100	3.890E-01	200	3.370E-01					0.651		0.998	Q
METHYL TERT-BUTYL ET	3	1.090E+00	10	1.077E+00	20	9.480E-01	50	1.015E+00	100	1.028E+00	200	9.089E-01					1.011	7.02		A
TRANS-1,2-DICHLOROETH	3	3.400E-01	10	3.569E-01	20	3.070E-01	50	3.450E-01	100	3.210E-01	200	3.010E-01					0.329	6.79		A
1,1-DICHLOROETHANE	2	6.460E-01	3	5.960E-01	10	5.799E-01	20	5.159E-01	50	5.699E-01	100	5.389E-01	200	5.080E-01			0.565	8.58		A
CIS-1,2-DICHLOROETHENE	2	4.370E-01	3	3.989E-01	10	3.740E-01	20	3.310E-01	50	3.800E-01	100	3.520E-01	200	3.290E-01			0.372	10.37		A
2-BUTANONE	3	1.570E-01	10	1.720E-01	20	1.650E-01	50	1.560E-01	100	1.700E-01	200	1.690E-01					0.165	4.08		A
CHLOROFORM	2	6.489E-01	3	5.920E-01	10	5.690E-01	20	5.090E-01	50	5.590E-01	100	5.320E-01	200	4.959E-01			0.558	9.39		A
1,1,1-TRICHLOROETHANE	2	4.990E-01	3	4.589E-01	10	4.580E-01	20	4.059E-01	50	4.470E-01	100	4.149E-01	200	3.910E-01			0.439	8.52		A
CYCLOHEXANE	3	4.700E-01	10	5.120E-01	20	4.630E-01	50	5.400E-01	100	4.779E-01	200	4.670E-01					0.488	6.33		A
CARBON TETRACHLORIDE	2	4.530E-01	3	3.740E-01	10	3.829E-01	20	3.490E-01	50	3.950E-01	100	3.630E-01	200	3.490E-01			0.381	9.47		A
BENZENE	2	1.503E+00	3	1.355E+00	10	1.312E+00	20	1.191E+00	50	1.343E+00	100	1.275E+00	200	1.248E+0			1.318	7.55		A
1,2-DICHLOROETHANE	2	4.199E-01	3	4.020E-01	10	4.059E-01	20	3.639E-01	50	4.020E-01	100	3.919E-01	200	3.700E-01			0.394	5.07		A
TRICHLOROETHENE	2	3.899E-01	3	3.440E-01	10	3.280E-01	20	3.070E-01	50	3.470E-01	100	3.260E-01	200	3.249E-01			0.338	7.81		A

Eq Ty = Equation Type
Q=Quadratic, L=Linear, A=Average

* SPCCs #

VOA - 329

VOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: Laucks Testing Laboratories, Inc. Contract:

Run Sequence: R022374 SDG No.: TT02001

Instrument ID: 5973B Calibration Dates: 09/28/2007 ~~13:48~~ 09/28/2007

Heated Purge: (Y/N) Y Calibration Times: ~~09/28/2007~~ 10:47 13:48

GC Column: ZB-624 20m ID: 0.18 (mm) Mean % RSD: 6.92

Analyte	Std 1	RF 1	Std 2	RF 2	Std 3	RF 3	Std 4	RF 4	Std 5	RF 5	Std 6	RF 6	Std 7	RF 7	Std 8	RF 8	$\overline{RF}$	%RSD	r^2 COD	Eq Ty
METHYLCYCLOHEXANE	3	4.760E-01	10	5.239E-01	20	4.790E-01	50	5.699E-01	100	5.099E-01	200	5.009E-01					0.510	6.81		A
1,2-DICHLOROPROPANE	2	3.300E-01	3	3.179E-01	10	3.080E-01	20	2.780E-01	50	3.170E-01	100	3.120E-01	200	3.010E-01			0.309	5.32		A
BROMODICHLOROMETHA	2	4.470E-01	3	4.180E-01	10	4.090E-01	20	3.770E-01	50	4.210E-01	100	4.149E-01	200	3.989E-01			0.412	5.21		A
CIS-1,3-DICHLOROPROPEN	2	5.239E-01	3	4.700E-01	10	4.729E-01	20	4.260E-01	50	4.880E-01	100	4.889E-01	200	4.740E-01			0.478	6.10		A
4-METHYL-2-PENTANONE	10	3.750E-01	20	3.210E-01	50	3.300E-01	100	3.660E-01	200	3.400E-01							0.346	6.67		A
TOLUENE	2	1.051E+00	3	9.279E-01	10	8.849E-01	20	8.100E-01	50	9.540E-01	100	8.960E-01	200	9.210E-01			0.921	7.97		A
TRANS-1,3-DICHLOROPRO	3	5.500E-01	10	5.360E-01	20	4.900E-01	50	5.590E-01	100	5.490E-01	200	5.460E-01					0.538	4.64		A
1,1,2-TRICHLOROETHANE	2	3.680E-01	3	3.429E-01	10	3.380E-01	20	3.010E-01	50	3.450E-01	100	3.440E-01	200	3.339E-01			0.339	5.92		A
TETRACHLOROETHENE	2	4.690E-01	3	4.030E-01	10	3.939E-01	20	3.569E-01	50	4.260E-01	100	3.880E-01	200	4.050E-01			0.406	8.57		A
2-HEXANONE	3	2.989E-01	10	2.870E-01	20	2.610E-01	50	2.730E-01	100	2.969E-01							0.283	5.74		A
DIBROMOCHLOROMETHA	2	4.429E-01	3	4.250E-01	10	4.090E-01	20	3.730E-01	50	4.219E-01	100	4.170E-01	200	4.059E-01			0.414	5.19		A
1,2-DIBROMOETHANE	2	3.939E-01	3	3.689E-01	10	3.680E-01	20	3.319E-01	50	3.650E-01	100	3.639E-01	200	3.520E-01			0.364	5.18		A
CHLOROBENZENE	2	1.237E+00	3	1.133E+00	10	1.104E+00	20	9.969E-01	50	1.137E+00	100	1.082E+00	200	1.058E+0			1.107	6.77		A
ETHYLBENZENE	2	2.025E+00	3	1.804E+00	10	1.739E+00	20	1.599E+00	50	1.847E+00	100	1.751E+00	200	1.744E+0			1.787	7.27		A
M,P-XYLENE	4	8.199E-01	6	7.310E-01	20	7.179E-01	40	6.470E-01	100	7.390E-01	200	7.030E-01	400	6.909E-01			0.721	7.34		A
O-XYLENE	2	8.309E-01	3	7.889E-01	10	7.530E-01	20	6.809E-01	50	7.820E-01	100	7.419E-01	200	7.210E-01			0.757	6.48		A
STYRENE	3	1.364E+00	10	1.375E+00	20	1.233E+00	50	1.415E+00	100	1.352E+00	200	1.312E+00					1.342	4.70		A
BROMOFORM	2	3.660E-01	3	3.529E-01	10	3.600E-01	20	3.190E-01	50	3.560E-01	100	3.600E-01	200	3.440E-01			0.351	4.46		A
ISOPROPYLBENZENE	3	1.771E+00	10	1.761E+00	20	1.608E+00	50	1.859E+00	100	1.721E+00	200	1.707E+00					1.738	4.77		A
1,1,2,2-TETRACHLOROETH	2	1.003E+00	3	9.440E-01	10	9.170E-01	20	8.270E-01	50	8.930E-01	100	9.210E-01	200	8.849E-01			0.913	5.96		A
1,3-DICHLOROBENZENE	2	2.007E+00	3	1.809E+00	10	1.774E+00	20	1.602E+00	50	1.841E+00	100	1.785E+00	200	1.747E+0			1.795	6.75		A
1,4-DICHLOROBENZENE	2	2.007E+00	3	1.809E+00	10	1.774E+00	20	1.630E+00	50	1.857E+00	100	1.803E+00	200	1.758E+0			1.806	6.31		A
1,2-DICHLOROBENZENE	2	1.878E+00	3	1.781E+00	10	1.727E+00	20	1.556E+00	50	1.779E+00	100	1.727E+00	200	1.660E+0			1.730	5.89		A
1,2-DIBROMO-3-CHLOROPR	3	1.940E-01	10	1.820E-01	20	1.589E-01	50	1.700E-01	100	1.770E-01	200	1.729E-01					0.176	6.71		A

Eq Ty = Equation Type
Q=Quadratic, L=Linear, A=Average

* SPCCs #

VOA - 330

VOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: Laucks Testing Laboratories, Inc.

Contract:

Run Sequence: R022374

SDG No.: TT02001

Instrument ID: 5973B

Calibration Dates: 09/28/2007 ~~13:48~~ 09/28/2007

Heated Purge: (Y/N) Y

Calibration Times: ~~09/28/2007~~ 10:47 13:48

GC Column: ZB-624 20m ID: 0.18 (mm)

Mean % RSD: 6.92

Analyte	Std 1	RF 1	Std 2	RF 2	Std 3	RF 3	Std 4	RF 4	Std 5	RF 5	Std 6	RF 6	Std 7	RF 7	Std 8	RF 8	$\overline{RF}$	%RSD	r^2 COD	Eq Ty
1,2,4-TRICHLOROBENZENE	3	1.389E+00	10	1.369E+00	20	1.195E+00	50	1.406E+00	100	1.332E+00	200	1.299E+00					1.332	5.80		A
DIBROMOFLUOROMETHA	50	2.910E-01	50	2.930E-01	55	2.930E-01	60	2.840E-01	65	2.800E-01	70	2.700E-01	75	2.640E-01			0.282	4.14		A
1,2-DICHLOROETHANE-D4	50	2.520E-01	50	2.590E-01	55	2.579E-01	60	2.550E-01	65	2.490E-01	70	2.469E-01	75	2.440E-01			0.252	2.20		A
TOLUENE-D8	50	1.132E+00	50	1.146E+00	55	1.124E+00	60	1.113E+00	65	1.148E+00	70	1.113E+00	75	1.165E+0			1.135	1.71		A
4-BROMOFLUOROBENZEN	50	8.010E-01	50	8.050E-01	55	7.770E-01	60	7.730E-01	65	7.860E-01	70	7.730E-01	75	7.889E-01			0.786	1.67		A

Eq Ty = Equation Type
Q=Quadratic, L=Linear, A=Average

* SPCCs #

VOA - 331

FORM VI VOA

Response Factor Report Buddha

Method : X:\MSVOA\BUDDHA\QUANT\B8260S.M (RTE Integrator)
Title : VOA 8260- 5ML Soil Calibration 5973B
Last Update : Mon Oct 01 11:21:23 2007
Response via : Initial Calibration

Calibration Files
2 =B0928009.D 3 =B0928010.D 10 =B0928011.D
20 =B0928012.D 50 =B0928013.D 100 =B0928014.D
200 =B0928015.D

		Compound	2	3	10	20	50	100	200	Avg	%RSD
1)	I	Fluorobenzene		----------ISTD----------							
2)	T	Dichlorodifluor	0.251	0.257	0.229	0.218	0.253	0.239	0.213	0.237	7.47
3)	P	Chloromethane	0.456	0.449	0.430	0.365	0.392	0.380	0.335	0.401	11.29
4)	C	Vinyl Chloride	0.383	0.377	0.341	0.304	0.340	0.331	0.298	0.339	9.61
5)	T	Bromomethane	0.246	0.252	0.224	0.187	0.198	0.184		0.215	13.92
6)	T	Chloroethane		0.237	0.215	0.183	0.196	0.193	0.152	0.196	14.80
7)	T	Trichlorofluoro	0.403	0.425	0.384	0.347	0.394	0.378	0.343	0.382	7.72
8)	T	Acrolein		0.049	0.033	0.024	0.023	0.024	0.022	-----	
								L	M= 0.022	R=0.999	
									B= 0.002	10/01/07	
9)	C,M	1,1-Dichloroeth	0.362	0.295	0.289	0.259	0.284	0.262	0.249	0.286	13.19
10)	T	1,1,2-Trichloro		0.247	0.266	0.242	0.282	0.253	0.241	0.255	6.19
11)	T	Acetone			0.141	0.117	0.102	0.108	0.098	0.113	15.26
12)	T	Iodomethane	0.604	0.612	0.606	0.521	0.578	0.528	0.503	0.565	8.14
13)	T	Bromoethane	0.306	0.291	0.282	0.243	0.276	0.260	0.240	0.271	9.05
14)	T	Carbon Disulfid	1.076	1.050	1.037	0.904	0.989	0.869	0.864	0.970	9.26
15)	T	Allyl chloride		0.199	0.195	0.167	0.185	0.177	0.166	0.182	7.75
16)		Acetonitrile		0.040	0.040	0.032	0.031	0.035	0.031	0.035	11.63
17)		Methyl Acetate		0.314	0.319	0.277	0.277	0.290	0.277	0.292	6.59
18)	T	Methylene Chlor		1.535	0.732	0.481	0.430	0.389	0.337	-----	
								Q	A= -0.017	R=0.999	
									B= 0.390	10/01/07	
									C= 0.060		
19)	T	trans-1,2-Dichl		0.340	0.357	0.307	0.345	0.321	0.301	0.329	6.79
20)		t-Butyl alcohol		0.042	0.047	0.040	0.042	0.047	0.044	0.044	6.34
21)	T	Methyl tert-but		1.090	1.077	0.948	1.015	1.028	0.909	1.011	7.02
22)	T	Acrylonitrile		0.123	0.112	0.096	0.103	0.107	0.103	0.107	8.59
23)	P	1,1-Dichloroeth	0.646	0.596	0.580	0.516	0.570	0.539	0.508	0.565	8.58
24)	T	Chloroprene		0.405	0.393	0.361	0.411	0.382	0.370	0.387	5.12
25)		Isopropyl ether		1.222	1.201	1.072	1.188	1.169	1.064	1.153	5.89
26)	T	Vinyl acetate			0.846	0.771	0.847	0.842	0.863	0.834	4.30
27)		Ethyl-t-butyl e		1.120	1.126	1.000	1.096	1.088	0.977	1.068	5.94
28)	T	2,2-Dichloropro	0.470	0.440	0.426	0.376	0.408	0.385	0.340	0.406	10.67
29)	T	cis-1,2-Dichlor	0.437	0.399	0.374	0.331	0.380	0.352	0.329	0.372	10.37
30)	T	2-Butanone		0.157	0.172	0.165	0.156	0.170	0.169	0.165	4.08
31)		Propionitrile		0.053	0.055	0.049	0.049	0.053	0.051	0.052	4.13
32)	T	Bromochlorometh	0.208	0.199	0.196	0.176	0.194	0.188	0.172	0.190	6.70
33)	T	Methacrylonitri		0.223	0.225	0.201	0.210	0.216	0.206	0.213	4.39
34)	C	Chloroform	0.649	0.592	0.569	0.509	0.559	0.532	0.496	0.558	9.39
35)	T	1,1,1-Trichloro	0.499	0.459	0.458	0.406	0.447	0.415	0.391	0.439	8.52
36)		Cyclohexane		0.470	0.512	0.463	0.540	0.478	0.467	0.488	6.33

L = Linear LO = Linear+Origin Q = Quad QO = Quad+Origin R = Corr. Coef
(#) = Out of Range

Response Factor Report Buddha

Method : X:\MSVOA\BUDDHA\QUANT\B8260S.M (RTE Integrator)
Title : VOA 8260- 5ML Soil Calibration 5973B
Last Update : Mon Oct 01 11:21:23 2007
Response via : Initial Calibration

Calibration Files
2 =B0928009.D 3 =B0928010.D 10 =B0928011.D
20 =B0928012.D 50 =B0928013.D 100 =B0928014.D
200 =B0928015.D

		Compound	2	3	10	20	50	100	200	Avg	%RSD
37)	S	Dibromofluorome	0.291	0.293	0.293	0.284	0.280	0.270	0.264	0.282	4.14
38)	T	Carbon Tetrachl	0.453	0.374	0.383	0.349	0.395	0.363	0.349	0.381	9.47
39)	T	1,1-Dichloropro	0.447	0.393	0.376	0.337	0.390	0.355	0.354	0.379	9.59
40)	S	1,2-Dichloroeth	0.259	0.252	0.258	0.255	0.249	0.247	0.244	0.252	2.20
41)	T	Benzene	1.504	1.356	1.312	1.191	1.343	1.275	1.248	1.318	7.55
42)	T	1,2-Dichloroeth	0.420	0.402	0.406	0.364	0.402	0.392	0.370	0.394	5.07
43)		t-Amyl methyl e		1.072	1.088	0.951	1.048	1.051	0.943	1.025	6.11
44)		Isobutanol	0.041	0.034	0.037	0.034	0.036	0.038	0.036	0.037	6.32
45)	T	Trichloroethene	0.390	0.344	0.328	0.307	0.347	0.326	0.325	0.338	7.81
46)		Methylcyclohexa		0.476	0.524	0.479	0.570	0.510	0.501	0.510	6.81
47)	C	1,2-Dichloropro	0.330	0.318	0.308	0.278	0.317	0.312	0.301	0.309	5.32
48)	T	Dibromomethane	0.203	0.198	0.196	0.174	0.189	0.188	0.177	0.189	5.64
49)	T	Methyl methacry			0.237	0.228	0.250	0.270	0.266	0.250	7.21
50)	T	Bromodichlorome	0.447	0.418	0.409	0.377	0.421	0.415	0.399	0.412	5.21
51)	T	2-Chloroethyl v	0.139	0.142	0.131	0.127	0.140	0.149	0.146	0.139	5.64
52)	T	cis-1,3-Dichlor	0.524	0.470	0.473	0.426	0.488	0.489	0.474	0.478	6.10
53)	T	4-Methyl-2-pent			0.375	0.321	0.330	0.366	0.340	0.346	6.67
54)	I	Chlorobenzene-d5		----------ISTD----------							
55)	S	Toluene-d8	1.146	1.132	1.124	1.113	1.148	1.113	1.165	1.135	1.71
56)	C	Toluene	1.051	0.928	0.885	0.810	0.954	0.896	0.921	0.921	7.97
57)	T	trans-1,3-Dichl		0.550	0.536	0.490	0.559	0.549	0.546	0.538	4.64
58)	T	Ethyl methacryl			0.442	0.417	0.465	0.481	0.475	0.456	5.76
59)	T	1,1,2-Trichloro	0.368	0.343	0.338	0.301	0.345	0.344	0.334	0.339	5.92
60)	T	Tetrachloroethe	0.469	0.403	0.394	0.357	0.426	0.388	0.405	0.406	8.57
61)	T	1,3-Dichloropro	0.605	0.560	0.548	0.495	0.560	0.557	0.546	0.553	5.87
62)	T	2-Hexanone		0.299	0.287	0.261	0.273	0.297		0.283	5.74
63)	T	Dibromochlorome	0.443	0.425	0.409	0.373	0.422	0.417	0.406	0.414	5.19
64)	T	1,2-Dibromoetha	0.394	0.369	0.368	0.332	0.365	0.364	0.352	0.364	5.18
65)		1-Chlorohexane	0.527	0.422	0.393	0.368	0.440	0.401	0.416	0.424	12.02
66)	P	Chlorobenzene	1.237	1.133	1.104	0.997	1.137	1.083	1.058	1.107	6.77
67)	T	1,1,1,2-Tetrach	0.480	0.446	0.443	0.396	0.452	0.434	0.416	0.438	6.12
68)	C	Ethylbenzene	2.025	1.804	1.739	1.599	1.847	1.751	1.744	1.787	7.27
69)	T	m,p-Xylene	0.820	0.731	0.718	0.647	0.739	0.703	0.691	0.721	7.34
70)	T	o-xylene	0.831	0.789	0.753	0.681	0.782	0.742	0.721	0.757	6.48
71)	T	Styrene		1.364	1.375	1.233	1.415	1.352	1.312	1.342	4.70
72)	P	Bromoform	0.366	0.353	0.360	0.319	0.356	0.360	0.344	0.351	4.46
73)	T	Isopropylbenzen		1.771	1.761	1.608	1.859	1.721	1.707	1.738	4.77
74)	I	1,4-Dichlorobenzene-d		----------ISTD----------							
75)	T	trans-1,4-Dichl		0.272	0.252	0.234	0.250	0.259	0.256	0.254	4.98
76)	S	4-Bromofluorobe	0.805	0.801	0.777	0.773	0.786	0.773	0.789	0.786	1.67

L = Linear LO = Linear+Origin Q = Quad QO = Quad+Origin R = Corr. Coef
(#) = Out of Range

Response Factor Report Buddha

Method : X:\MSVOA\BUDDHA\QUANT\B8260S.M (RTE Integrator)
Title : VOA 8260- 5ML Soil Calibration 5973B
Last Update : Mon Oct 01 11:21:23 2007
Response via : Initial Calibration

Calibration Files
2 =B0928009.D 3 =B0928010.D 10 =B0928011.D
20 =B0928012.D 50 =B0928013.D 100 =B0928014.D
200 =B0928015.D

		Compound	2	3	10	20	50	100	200	Avg	%RSD
77)	T	Bromobenzene	1.054	0.982	0.934	0.843	0.960	0.936	0.919	0.947	6.78
78)	P	1,1,2,2-Tetrach	1.004	0.944	0.917	0.827	0.893	0.921	0.885	0.913	5.96
79)	T	1,2,3-Trichloro	0.296	0.276	0.264	0.239	0.251	0.264	0.251	0.263	7.18
80)	T	n-Propylbenzene		0.849	0.784	0.744	0.864	0.825	0.829	0.816	5.42
81)	T	2-Chlorotoluene	2.492	2.266	2.137	1.968	2.238	2.143	2.115	2.194	7.43
82)	T	4-Chlorotoluene	2.894	2.593	2.490	2.235	2.580	2.466	2.435	2.527	7.93
83)	T	1,3,5-Trimethyl		2.734	2.646	2.408	2.794	2.667	2.667	2.653	4.97
84)	T	tert-Butylbenze		2.237	2.185	1.997	2.358	2.228	2.262	2.211	5.41
85)	T	1,2,4-Trimethyl		2.809	2.767	2.499	2.911	2.775	2.762	2.754	4.96
86)	T	sec-butylbenzen		3.182	3.144	2.903	3.430	3.187	3.271	3.186	5.41
87)	T	1,3-Dichloroben	2.008	1.809	1.774	1.602	1.841	1.785	1.747	1.795	6.75
88)	T	4-Isopropyltolu		3.027	2.960	2.725	3.197	2.985	3.025	2.986	5.11
89)	T	1,4-Dichloroben	2.008	1.809	1.774	1.630	1.857	1.803	1.758	1.806	6.31
90)	T	1,2-Dichloroben	1.879	1.781	1.727	1.556	1.779	1.727	1.660	1.730	5.89
91)	T	n-Butylbenzene		2.709	2.682	2.466	2.933	2.727	2.754	2.712	5.52
92)	T	1,2-Dibromo-3-c		0.194	0.182	0.159	0.170	0.177	0.173	0.176	6.71
93)	T	1,2,4-Trichloro		1.389	1.369	1.195	1.406	1.332	1.299	1.332	5.80
94)		Hexachlorobutad	0.853	0.762	0.732	0.653	0.748	0.641	0.648	0.719	10.78
95)	T	Naphthalene		3.021	2.999	2.750	3.085	3.111	3.047	3.002	4.34
96)	T	1,2,3-Trichloro		1.299	1.288	1.121	1.278	1.220	1.176	1.231	5.79

Total Average %RSD 6.92

L = Linear LO = Linear+Origin Q = Quad QO = Quad+Origin R = Corr. Coef
(#) = Out of Range

Acrolein

Shaded area denotes information enter required, the other information calculates

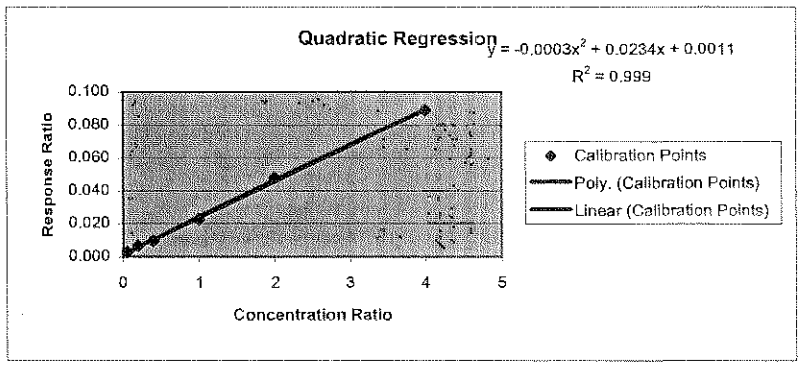
Compound Name: Acrolein RL= MDL=

	ICAL Input			--Ratio Calculations--		--RF Calculations and Predictions--			--Linear Regression Predictions--			--Quadratic Regression Predictions--				
Use	ICAL Conc ug/L	Instr. Resp.(IR)	Int.Std. Resp. (ISR)	Conc. Ratio: ICAL/IS	Resp. Ratio: IR/ISR	Form 6A - RF	^Conc	^Conc % Recovery	^ Conc Ratio	^Conc	^Conc % Recovery	^ Conc Ratio	Sol 1	Sol 2	^Conc	^Conc % Recovery
x	3	1775	604344	0.06	0.003	0.049	5.04	168.1	0.1	2.9	97.4	0.08	0.08	77.92	3.9	131.0
x	10	3807	578562	0.2	0.007	0.033	11.30	113.0	0.2	11.2	112.0	0.23	0.23	77.77	11.7	117.5
x	20	5734	592279	0.4	0.010	0.024	16.62	83.1	0.4	18.2	91.2	0.37	0.37	77.63	18.4	92.1
x	50	14092	625117	1	0.023	0.023	38.71	77.4	0.95	47.5	94.9	0.93	0.93	77.07	46.4	92.7
x	100	30884	646306	2	0.048	0.024	82.05	82.0	2.10	104.8	104.8	2.05	2.05	75.95	102.4	102.4
x	200	59809	672485	4	0.089	0.022	152.70	76.4	3.97	198.3	99.2	3.95	3.95	74.05	197.7	98.9
					Ave	0.029	Ave	100.0		Ave	99.9				Ave	105.8
					RSD	36.01	RSD	36.01		RSD	7.45				RSD	14.57

Internal Std. Name: Fluorobenzene

Internal Std Conc (ug/L) 50

Press CTRL+SHIFT+K to recalculate this sheet



Intercept (as Conc)		-3.752
Code on Instr. Output	Enter Values from Instr.	Calculated Values
	NA	NA
M	NA	0.0220
B	NA	0.0017
R	NA	0.9987
	#VALUE!	0.9994

Intercept (as Conc)		-2.35	
Code on instr. Output	Enter Values from Instr.	Enter Values from Plot	Reg stats
A		-0.0003	<--Coeff X2
B		0.0234	<--Coeff X
C		0.0011	<--Constant
R		0.999	<--R2
		0.9995	<--R

Equation for ^ Concentration Ratio Calculations

RespRatio = M *ConcRatio + B
ConcRatio = (RespRatio - B)/M
Conc = ConcRatio * IS Conc

RespRatio = A*ConcRatio^2 + B*ConcRatio + C
ConcRatio has two solutions only 1 is valid
ConcRatio = (-B +/- SQRT(B^2 -4A(C-RespRatio))/2A
Conc = ConcRatio * ISConc

Equation from SW846-8000C page 47 option 2

Lilengine calculations:

Linear:		Quad:	
Slope	0.3621	X^2 coeff	-0.01234
Intercept	0.0011	X coeff	0.38558
R	0.9999	Constant	-0.00121
		COD	1.0000
		Slope chng	

Slope Change Ratio

High Std	0.0234
Low Std	#REF!
% D	#REF!

%D > 50 Might suggest to much curvature

Methylene Chloride

Shaded area denotes information enter required, the other information calculates

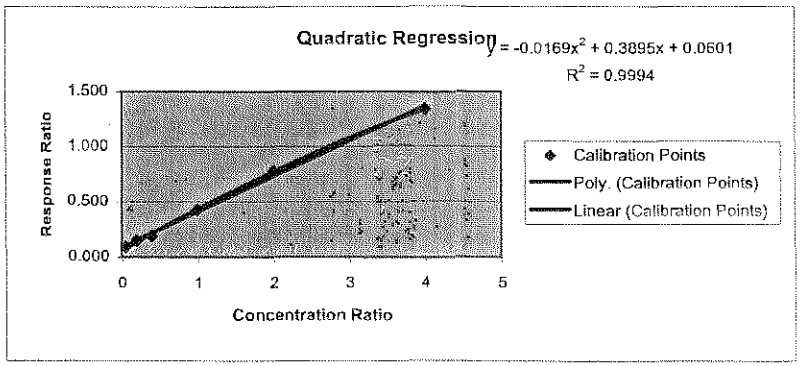
Compound Name: Methylene Chloride RL= MDL=

	ICAL Input			Ratio Calculations		RF Calculations and Predictions			Linear Regression Predictions			Quadratic Regression Predictions					
Use	ICAL Conc ug/L	Instr. Resp.(IR)	Int.Std. Resp. (ISR)	Conc. Ratio: ICAL/IS	Resp. Ratio: IR/ISR	Form 6A - RF	^Conc	^Conc % Recovery	^ Conc Ratio	^Conc	^Conc % Recovery	^ Conc Ratio	Sol 1	Sol 2	^Conc	^Conc % Recovery
x	3	55646	604344	0.06	0.092	1.535	7.08	235.9	0.0	0.8	25.1	0.08	0.08	22.96	4.1	137.3
x	10	84709	578562	0.2	0.146	0.732	11.25	112.5	0.2	9.2	92.0	0.22	0.22	22.82	11.2	111.9
x	20	113874	592279	0.4	0.192	0.481	14.78	73.9	0.33	16.3	81.7	0.34	0.34	22.70	17.2	86.1
x	50	268682	625117	1	0.430	0.430	33.04	66.1	1.07	53.3	106.6	0.99	0.99	22.06	49.6	99.2
x	100	503406	646306	2	0.779	0.389	59.87	59.9	2.15	107.6	107.6	2.02	2.02	21.02	101.2	101.2
x	200	905186	672485	4	1.346	0.337	103.46	51.7	3.92	195.8	97.9	3.99	3.99	19.05	199.7	99.8
					Ave	0.651	Ave	100.0		Ave	85.1				Ave	105.9
					RSD	69.86	RSD	69.86		RSD	36.37				RSD	16.45

Internal Std. Name: Fluorobenzene

Internal Std Conc (ug/L) 50

Press CTRL+SHIFT+K to recalculate this sheet



Intercept (as Conc)		-13.571
Code on Instr. Output	Enter Values from Instr.	Calculated Values
	NA	NA
M	NA	0.3214
B	NA	0.0872
R	NA	0.9963
	#VALUE!	0.9982

Intercept (as Conc)	-7.66	
Code on Instr. Output	Enter Values from Instr.	Enter Values from Plot
A		-0.0169
B		0.3895
C		0.0601
R		0.9994
		0.9997

Reg stats
<--Coeff X2
<--Coeff X
<--Constant
<--R2
<--R

Equation for ^ Concentration Ratio Calculations

RespRatio = M *ConcRatio + B
ConcRatio = (RespRatio - B)/M
Conc = ConcRatio * IS Conc

RespRatio = A*ConcRatio^2 + B*ConcRatio + C
ConcRatio has two solutions only 1 is valid
ConcRatio = (-B +/- SQRT(B^2 -4A(C-RespRatio))/2A
Conc = ConcRatio * ISConc

Equation from SW846-8000C page 47 option 2

Lilengine calculations:

Linear:		Quad:	
Slope	0.3621	X^2 coeff	-0.01234
Intercept	0.0011	X coeff	0.38558
R	0.9999	Constant	-0.00121
		COD	1.0000
		Slope chng	

Slope Change Ratio

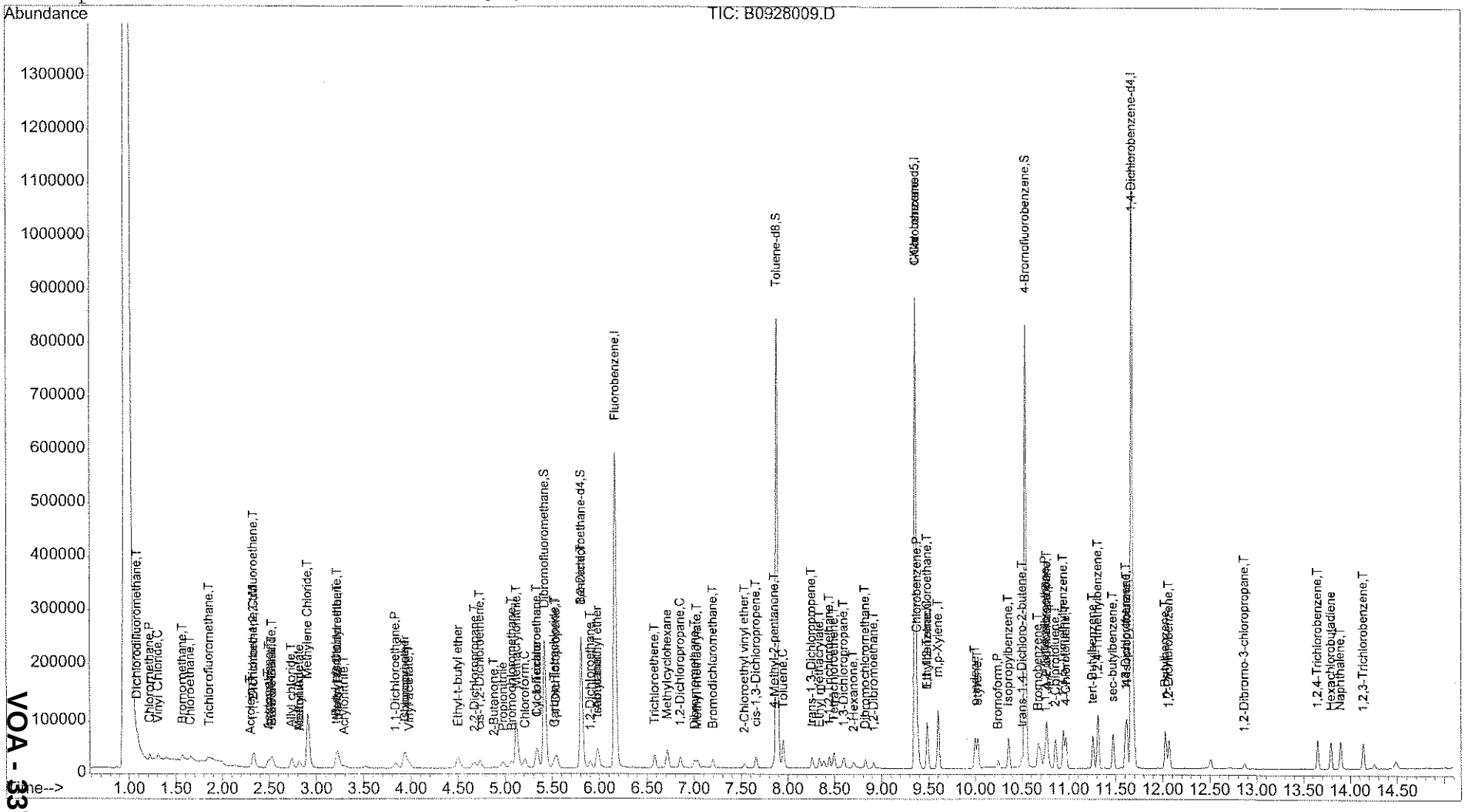
High Std	0.2543
Low Std	#REF!
% D	#REF!

%D > 50 Might suggest to much curvature

Quantitation Report

Data File : X:\MSVOA\BUDDHA\092807\B0928009.D Vial: 1
Acq On : 28 Sep 2007 11:11 Operator: LPM
Sample : VSTD002 Inst : Buddha
Misc : 5ML+STD(MV8-42-18)+IS/SS+SS Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Oct 1 10:16 2007 Quant Results File: B8260S.RES

Method : X:\MSVOA\BUDDHA\QUANT\B8260S.M (RTE Integrator)
Title : VOA 8260- 5ML Soil Calibration 5973B
Last Update : Fri Sep 28 16:30:36 2007
Response via : Initial Calibration



Quantitation Report

Data File : X:\MSVOA\BUDDHA\092807\B0928009.D Vial: 1
Acq On : 28 Sep 2007 11:11 Operator: LPM
Sample : VSTD002 Inst : Buddha
Misc : 5ML+STD(MV8-42-18)+IS/SS+SS Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Oct 1 10:16 2007 Quant Results File: B8260S.RES

Quant Method : X:\MSVOA\BUDDHA\QUANT\B8260S.M (RTE Integrator)
Title : VOA 8260- 5ML Soil Calibration 5973B
Last Update : Fri Sep 28 14:14:32 2007
Response via : Initial Calibration
DataAcq Meth : 8260
IS QA File : X:\MSVOA\BUDDHA\092807\B0928013.D (28 Sep 2007 12:55)

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min) Rcv(Ar)
1) Fluorobenzene	6.17	96	566169	50.00 ug/l	0.00 90.57%
54) Chlorobenzene-d5	9.36	117	461788	50.00 ug/l	0.00 91.57%
74) 1,4-Dichlorobenzene-d4	11.67	152	297052	50.00 ug/l	0.00 89.66%

System Monitoring Compounds					
37) Dibromofluoromethane	5.42	111	165032	52.21 ug/l	0.00
Spiked Amount 50.000	Range 65 - 135		Recovery = 104.42%		
40) 1,2-Dichloroethane-d4	5.81	65	146644	50.78 ug/l	0.00
Spiked Amount 50.000	Range 52 - 149		Recovery = 101.56%		
55) Toluene-d8	7.88	98	529312	47.86 ug/l	0.00
Spiked Amount 50.000	Range 85 - 115		Recovery = 95.72%		
76) 4-Bromofluorobenzene	10.53	95	239195	49.79 ug/l	0.00
Spiked Amount 50.000	Range 85 - 120		Recovery = 99.58%		

Target Compounds					Qvalue
2) Dichlorodifluoromethane	1.09	85	5690	2.33 ug/l #	97
3) Chloromethane	1.22	50	10316	2.47 ug/l	97
4) Vinyl Chloride	1.31	62	8672	2.45 ug/l	96
5) Bromomethane	1.58	96	5574	2.53 ug/l	98
6) Chloroethane	1.65	64	5687	2.59 ug/l	92
7) Trichlorofluoromethane	1.85	101	9126m	2.21 ug/l #	94
8) Acrolein	2.29	56	1400m	4.53 ug/l	30
9) 1,1-Dichloroethene	2.33	96	8192	2.60 ug/l #	82
10) 1,1,2-Trichloro-1,2,2-trif	2.34	101	7142m	2.65 ug/l #	94
11) Acetone	2.48	43	7872m	5.57 ug/l	89
12) Iodomethane	2.49	142	13685	2.24 ug/l	98
13) Bromoethane	2.52	108	6930	2.30 ug/l	94
14) Carbon Disulfide	2.53	76	24374	2.33 ug/l	100
15) Allyl chloride	2.74	76	5047	2.48 ug/l	86
16) Acetonitrile	2.82	41	10342m	6.74 ug/l #	63
17) Methyl Acetate	2.82	43	8372	2.51 ug/l #	76
18) Methylene Chloride	2.91	84	54562	7.50 ug/l	94
19) trans-1,2-Dichloroethene	3.21	96	9439	2.56 ug/l #	86
20) t-Butyl alcohol	3.20	59	6052m	12.96 ug/l #	1
21) Methyl tert-butyl ether	3.23	73	25399	2.24 ug/l	99
22) Acrylonitrile	3.30	53	2980m	2.49 ug/l #	74

(#) = qualifier out of range (m) = manual integration

Quantitation Report

Data File : X:\MSVOA\BUDDHA\092807\B0928009.D Vial: 1
Acq On : 28 Sep 2007 11:11 Operator: LPM
Sample : VSTD002 Inst : Buddha
Misc : 5ML+STD(MV8-42-18)+IS/SS+SS Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Oct 1 10:16 2007 Quant Results File: B8260S.RES

Quant Method : X:\MSVOA\BUDDHA\QUANT\B8260S.M (RTE Integrator)
Title : VOA 8260- 5ML Soil Calibration 5973B
Last Update : Fri Sep 28 14:14:32 2007
Response via : Initial Calibration
DataAcq Meth : 8260

Compound	R.T.	QIon	Response	Conc Unit		Qvalue
23) 1,1-Dichloroethane	3.84	63	14620	2.29 ug/l		76
24) Chloroprene	3.94	53	10145	2.32 ug/l	#	94
25) Isopropyl ether	3.93	45	29326m	2.26 ug/l	#	53
26) Vinyl acetate	3.98	43	19741	2.09 ug/l	#	88
27) Ethyl-t-butyl ether	4.50	59	26093	2.19 ug/l		97
28) 2,2-Dichloropropane	4.67	77	10642	2.36 ug/l		98
29) cis-1,2-Dichloroethene	4.73	96	9887	2.37 ug/l		87
30) 2-Butanone	4.88	43	6495m	3.09 ug/l	#	61
31) Propionitrile	4.97	54	13590	24.03 ug/l	#	86
32) Bromochloromethane	5.07	128	4720	2.22 ug/l	#	72
33) Methacrylonitrile	5.12	41	55697	22.90 ug/l		95
34) Chloroform	5.21	83	14702	2.34 ug/l		100
35) 1,1,1-Trichloroethane	5.33	97	11312	2.29 ug/l		93
36) Cyclohexane	5.33	56	14625	2.69 ug/l		99
38) Carbon Tetrachloride	5.52	117	10261	2.38 ug/l		94
39) 1,1-Dichloropropene	5.55	75	10129	2.35 ug/l		93
41) Benzene	5.81	78	34055	2.30 ug/l		100
42) 1,2-Dichloroethane	5.90	62	9505	2.11 ug/l	#	93
43) t-Amyl methyl ether	5.97	73	25217	2.22 ug/l		97
44) Isobutanol	5.98	43	18500	41.40 ug/l	#	79
45) Trichloroethene	6.58	130	8827	2.32 ug/l		94
46) Methylcyclohexane	6.72	83	14156	2.49 ug/l		94
47) 1,2-Dichloropropane	6.85	63	7468	2.14 ug/l		95
48) Dibromomethane	7.00	93	4594	2.16 ug/l		88
49) Methyl methacrylate	7.03	41	6674	2.25 ug/l		95
50) Bromodichloromethane	7.20	83	10121	2.18 ug/l		99
51) 2-Chloroethyl vinyl ether	7.53	63	3159	6.74 ug/l		97
52) cis-1,3-Dichloropropene	7.66	75	11867	2.20 ug/l		99
53) 4-Methyl-2-pentanone	7.85	43	9097m	2.33 ug/l		96
56) Toluene	7.95	92	19417	2.17 ug/l		97
57) trans-1,3-Dichloropropene	8.26	75	10917	2.06 ug/l		97
58) Ethyl methacrylate	8.34	69	9162	1.97 ug/l		94
59) 1,1,2-Trichloroethane	8.44	97	6803	2.09 ug/l		97
60) Tetrachloroethene	8.49	166	8664	2.22 ug/l		95
61) 1,3-Dichloropropane	8.60	76	11182	2.08 ug/l		92
62) 2-Hexanone	8.70	43	7113	3.91 ug/l		96
63) Dibromochloromethane	8.83	129	8177	2.10 ug/l		100
64) 1,2-Dibromoethane	8.92	107	7285	2.13 ug/l		99
65) 1-Chlorohexane	9.36	91	9740	2.40 ug/l	#	61
66) Chlorobenzene	9.39	112	22856	2.23 ug/l		96
67) 1,1,1,2-Tetrachloroethane	9.49	131	8872	2.22 ug/l		95

(#) = qualifier out of range (m) = manual integration

Quantitation Report

Data File : X:\MSVOA\BUDDHA\092807\B0928009.D Vial: 1
Acq On : 28 Sep 2007 11:11 Operator: LPM
Sample : VSTD002 Inst : Buddha
Misc : 5ML+STD(MV8-42-18)+IS/SS+SS Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Oct 1 10:16 2007 Quant Results File: B8260S.RES

Quant Method : X:\MSVOA\BUDDHA\QUANT\B8260S.M (RTE Integrator)
Title : VOA 8260- 5ML Soil Calibration 5973B
Last Update : Fri Sep 28 14:14:32 2007
Response via : Initial Calibration
DataAcq Meth : 8260

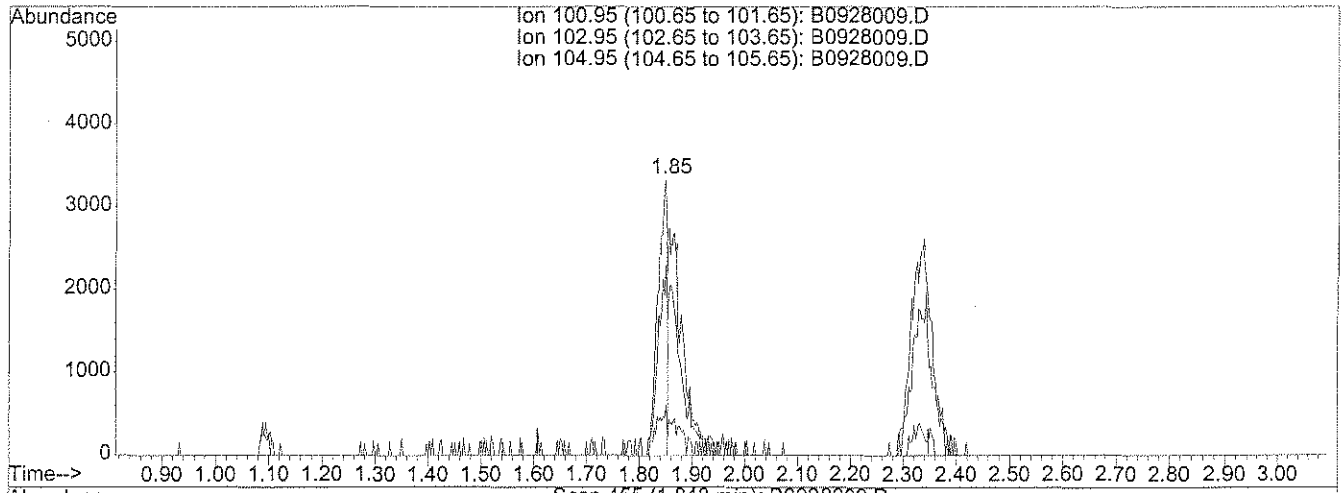
	Compound	R.T.	QIon	Response	Conc Unit		Qvalue
68)	Ethylbenzene	9.49	91	37409	2.24 ug/l		100
69)	m,p-Xylene	9.60	106	30284	4.55 ug/l		97
70)	o-xylene	10.00	106	15342	2.25 ug/l		98
71)	Styrene	10.02	104	27239	2.26 ug/l		91
72)	Bromoform	10.24	173	6768	2.17 ug/l		99
73)	Isopropylbenzene	10.36	105	35723	2.31 ug/l		99
75)	trans-1,4-Dichloro-2-buten	10.49	53	3335	2.03 ug/l	#	34
77)	Bromobenzene	10.67	156	12522	2.17 ug/l		92
78)	1,1,2,2-Tetrachloroethane	10.74	83	11925	2.15 ug/l		96
79)	1,2,3-Trichloropropane	10.76	110	3522	2.16 ug/l	#	54
80)	n-Propylbenzene	10.77	120	11162	2.20 ug/l	#	90
81)	2-Chlorotoluene	10.86	91	29612	2.21 ug/l		100
82)	4-Chlorotoluene	10.97	91	34392	2.23 ug/l		93
83)	1,3,5-Trimethylbenzene	10.94	105	35688	2.22 ug/l		97
84)	tert-Butylbenzene	11.25	119	30080	2.25 ug/l		93
85)	1,2,4-Trimethylbenzene	11.31	105	36745	2.22 ug/l		97
86)	sec-butylbenzene	11.47	105	44512	2.32 ug/l		99
87)	1,3-Dichlorobenzene	11.60	146	23861	2.24 ug/l		99
88)	4-Isopropyltoluene	11.62	119	40687	2.28 ug/l		97
89)	1,4-Dichlorobenzene	11.60	146	23861	2.22 ug/l		97
90)	1,2-Dichlorobenzene	12.07	146	22331	2.18 ug/l		99
91)	n-Butylbenzene	12.03	91	36926	2.28 ug/l		99
92)	1,2-Dibromo-3-chloropropan	12.87	75	2465	2.33 ug/l		88
93)	1,2,4-Trichlorobenzene	13.65	180	16889	2.12 ug/l		96
94)	Hexachlorobutadiene	13.79	225	10134	2.35 ug/l		96
95)	Naphthalene	13.89	128	39485	3.02 ug/l		99
96)	1,2,3-Trichlorobenzene	14.13	180	15976	2.17 ug/l		99

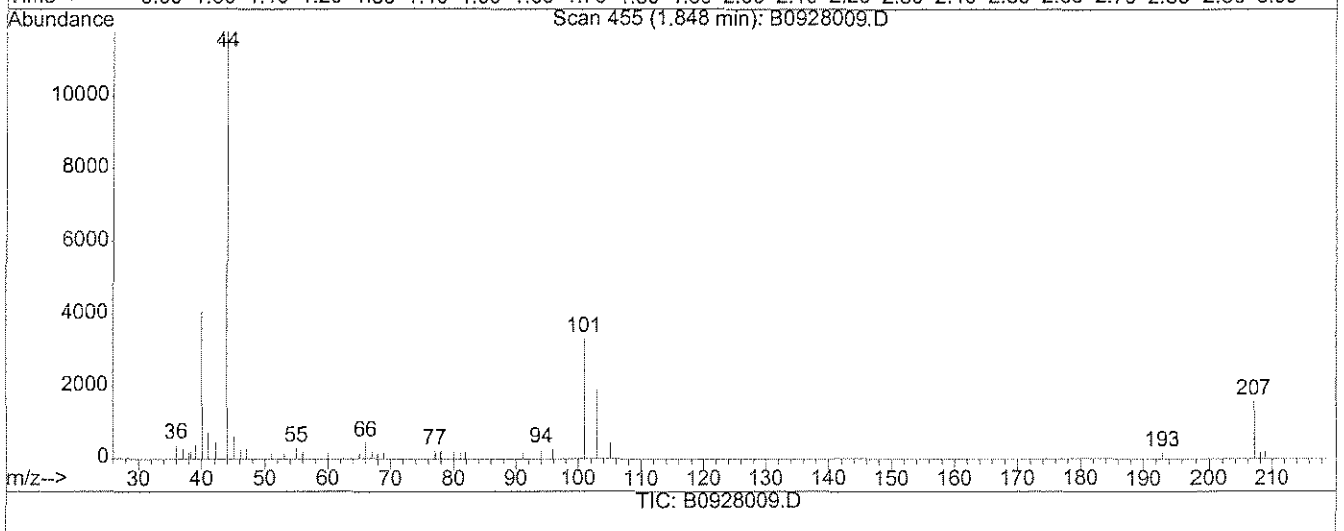
(#) = qualifier out of range (m) = manual integration

Quantitation Report (Qedit)

Data File : X:\MSVOA\BUDDHA\092807\B0928009.D Vial: 1
Acq On : 28 Sep 2007 11:11 Operator: LPM
Sample : VSTD002 Inst : Buddha
Misc : 5ML+STD(MV8-42-18)+IS/SS+SS Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Sep 28 14:20 2007 Quant Results File: temp.res

Method : X:\MSVOA\BUDDHA\QUANT\B8260S.M (RTE Integrator)
Title : VOA 8260- 5ML Soil Calibration 5973B
Last Update : Fri Sep 28 14:14:32 2007
Response via : Multiple Level Calibration





TIC: B0928009.D

(7) Trichlorofluoromethane (T)

1.85min 1.01ug/l

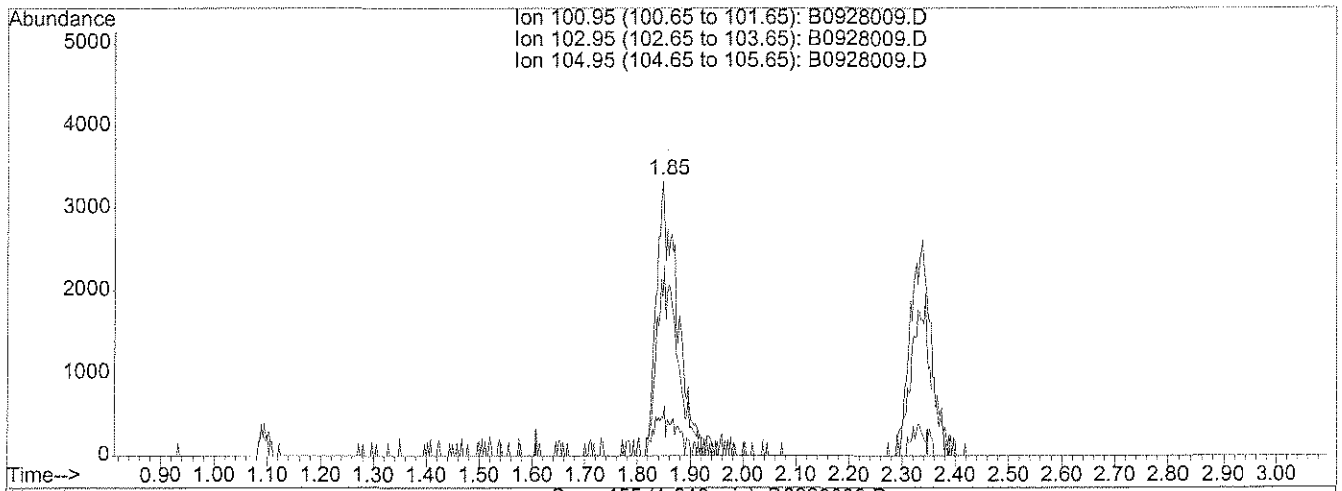
response 4175

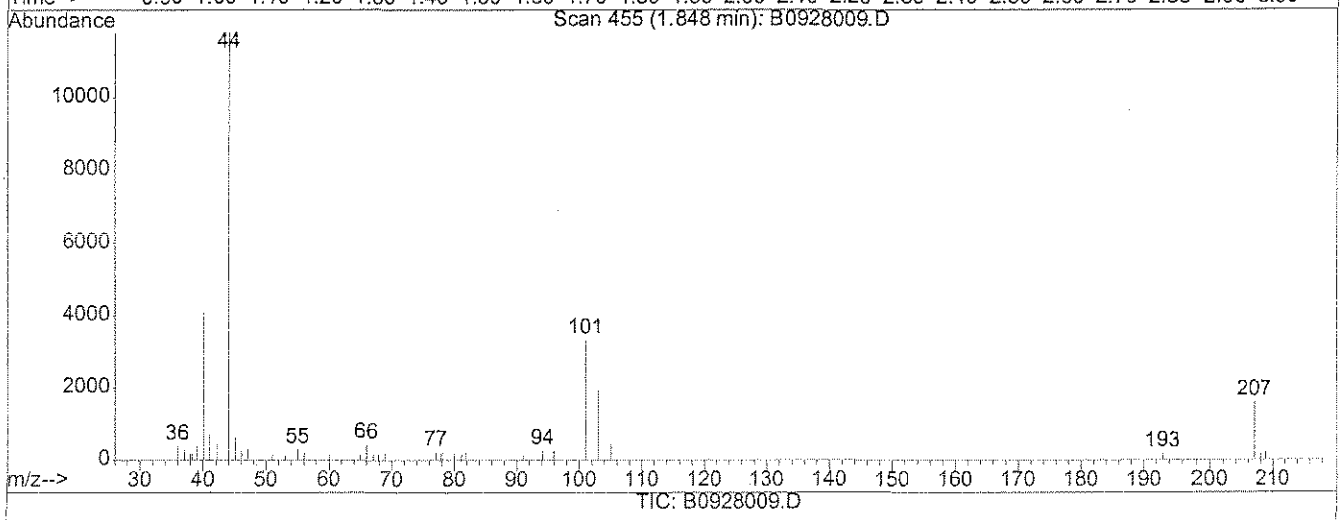
Ion	Exp%	Act%
100.95	100	100
102.95	65.10	67.33
104.95	9.50	18.59#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data File : X:\MSVOA\BUDDHA\092807\B0928009.D Vial: 1
Acq On : 28 Sep 2007 11:11 Operator: LPM
Sample : VSTD002 Inst : Buddha
Misc : 5ML+STD(MV8-42-18)+IS/SS+SS Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Sep 28 14:15 2007 Quant Results File: temp.res

Method : X:\MSVOA\BUDDHA\QUANT\B8260S.M (RTE Integrator)
Title : VOA 8260- 5ML Soil Calibration 5973B
Last Update : Fri Sep 28 14:14:32 2007
Response via : Multiple Level Calibration





TIC: B0928009.D

(7) Trichlorofluoromethane (T)

1.85min 2.21ug/l m

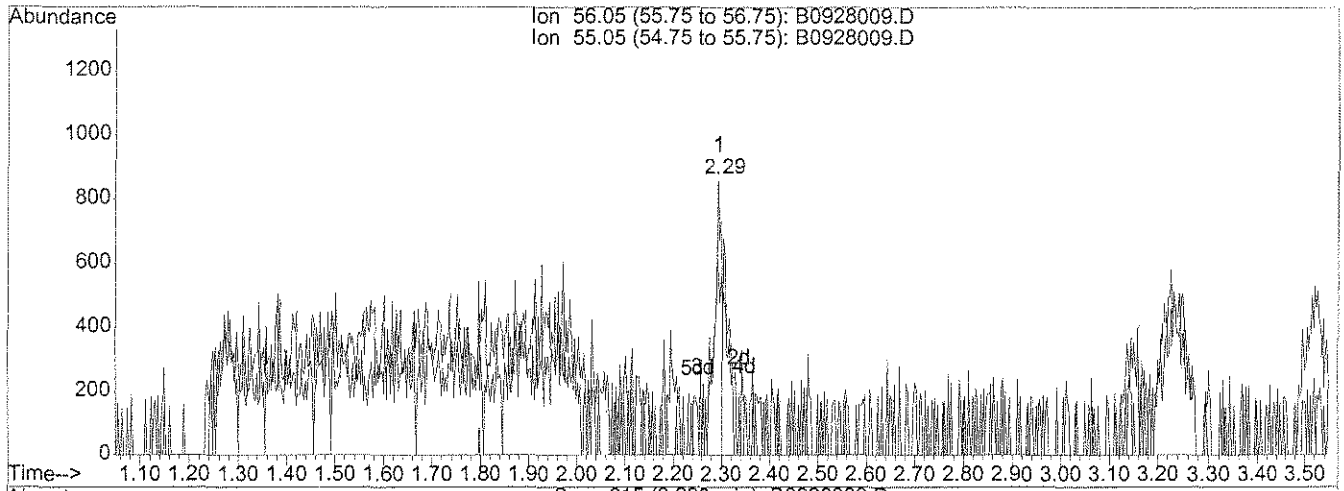
response 9126

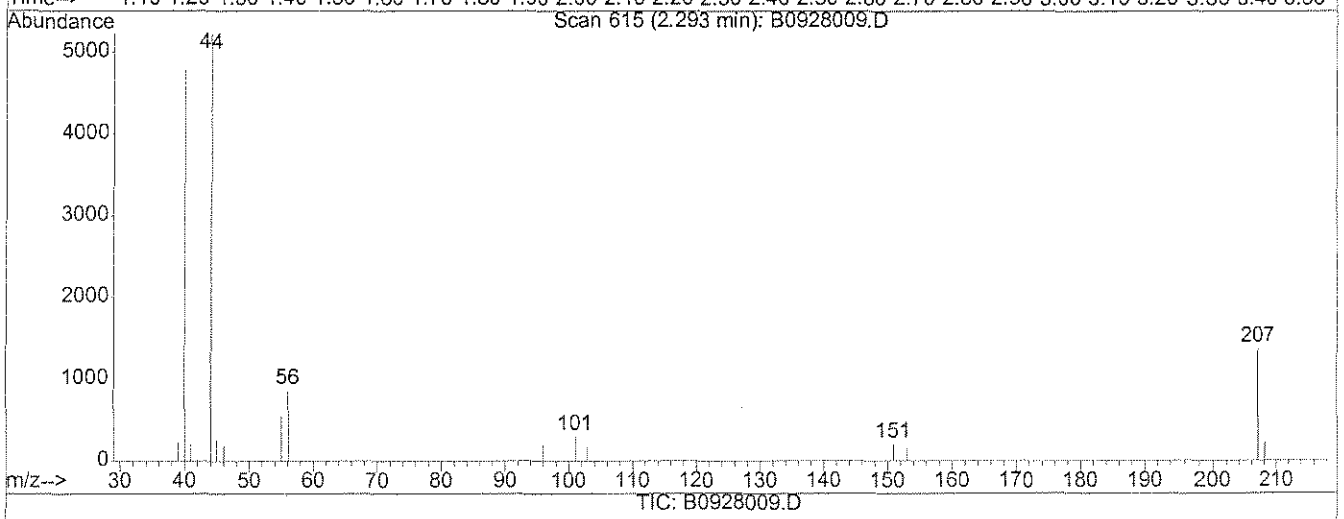
Ion	Exp%	Act%
100.95	100	100
102.95	65.10	30.80#
104.95	9.50	8.50
0.00	0.00	0.00

Quantitation Report (Qedit)

Data File : X:\MSVOA\BUDDHA\092807\B0928009.D Vial: 1
Acq On : 28 Sep 2007 11:11 Operator: LPM
Sample : VSTD002 Inst : Buddha
Misc : 5ML+STD(MV8-42-18)+IS/SS+SS Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Sep 28 14:15 2007 Quant Results File: temp.res

Method : X:\MSVOA\BUDDHA\QUANT\B8260S.M (RTE Integrator)
Title : VOA 8260- 5ML Soil Calibration 5973B
Last Update : Fri Sep 28 14:14:32 2007
Response via : Multiple Level Calibration





TIC: B0928009.D

(8) Acrolein (T)

2.29min 2.62ug/l

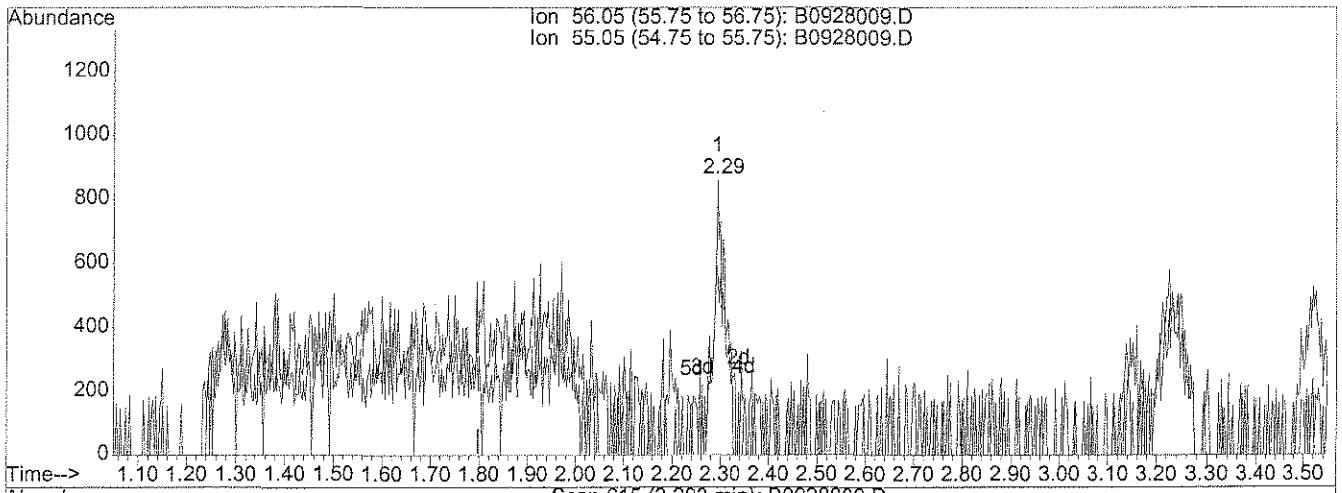
response 810

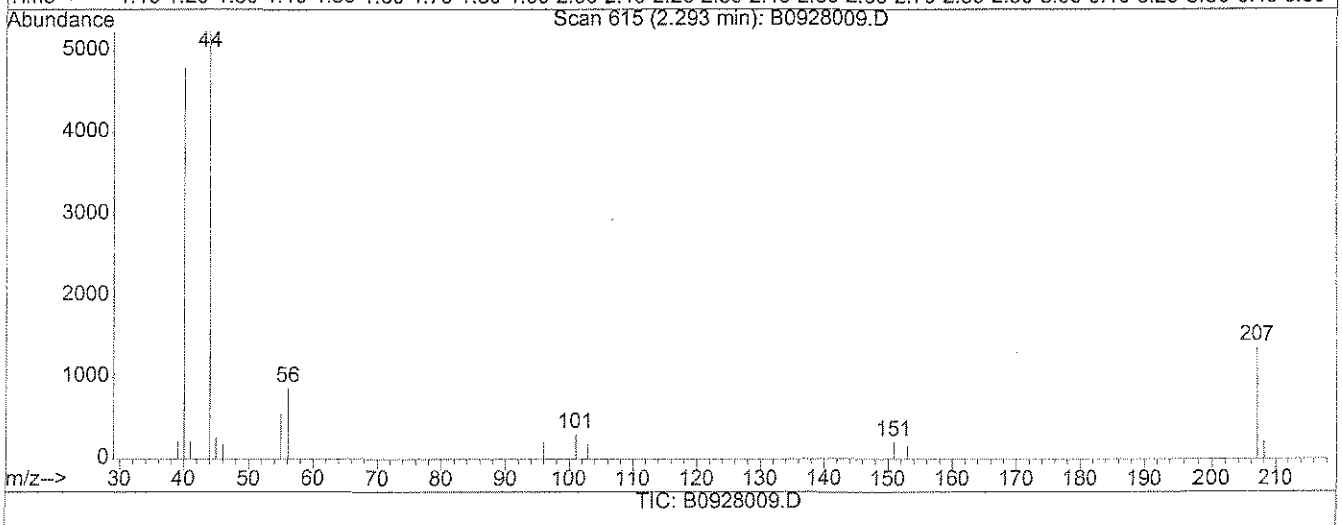
Ion	Exp%	Act%
56.05	100	100
55.05	73.90	132.72#
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data File : X:\MSVOA\BUDDHA\092807\B0928009.D Vial: 1
Acq On : 28 Sep 2007 11:11 Operator: LPM
Sample : VSTD002 Inst : Buddha
Misc : 5ML+STD(MV8-42-18)+IS/SS+SS Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Sep 28 14:15 2007 Quant Results File: temp.res

Method : X:\MSVOA\BUDDHA\QUANT\B8260S.M (RTE Integrator)
Title : VOA 8260- 5ML Soil Calibration 5973B
Last Update : Fri Sep 28 14:14:32 2007
Response via : Multiple Level Calibration





TIC: B0928009.D

(8) Acrolein (T)

2.29min 4.53ug/l m

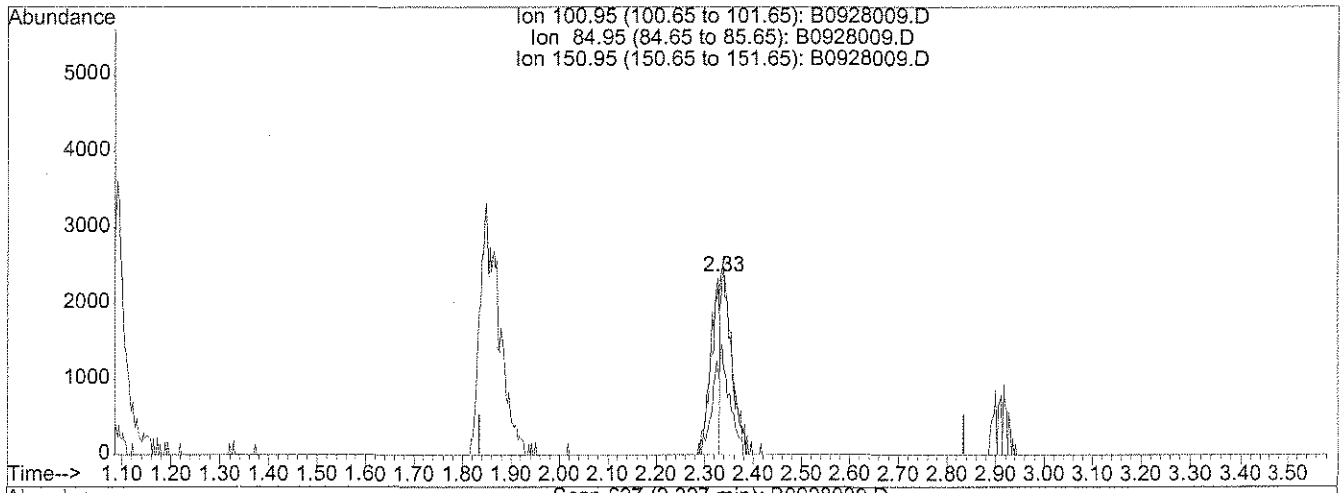
response 1400

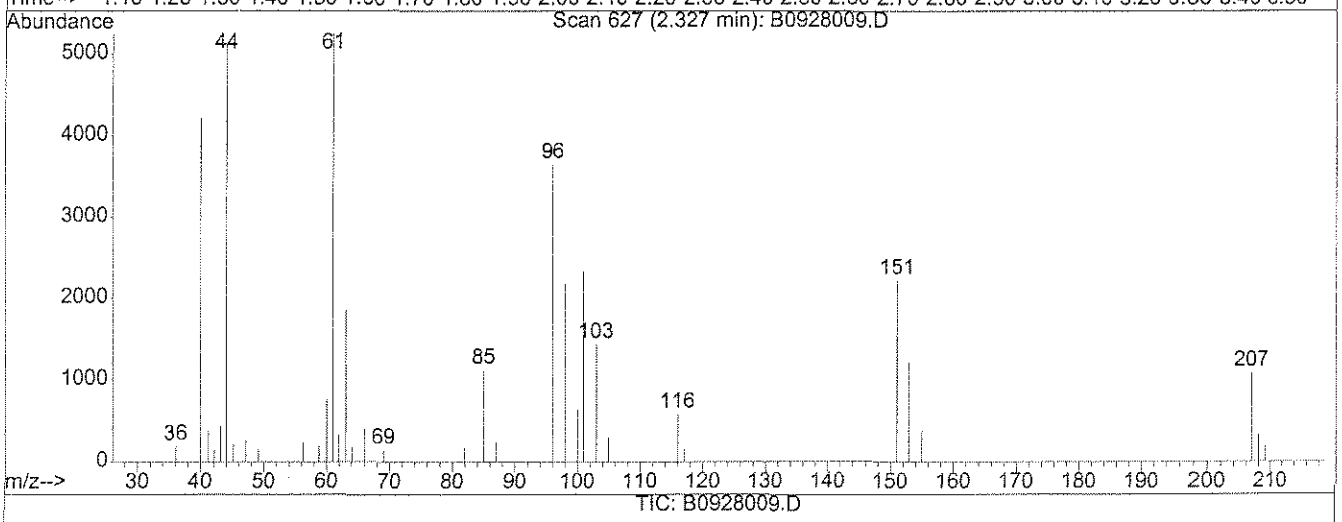
Ion	Exp%	Act%
56.05	100	100
55.05	73.90	76.79
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data File : X:\MSVOA\BUDDHA\092807\B0928009.D Vial: 1
Acq On : 28 Sep 2007 11:11 Operator: LPM
Sample : VSTD002 Inst : Buddha
Misc : 5ML+STD(MV8-42-18)+IS/SS+SS Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Sep 28 14:15 2007 Quant Results File: temp.res

Method : X:\MSVOA\BUDDHA\QUANT\B8260S.M (RTE Integrator)
Title : VOA 8260- 5ML Soil Calibration 5973B
Last Update : Fri Sep 28 14:14:32 2007
Response via : Multiple Level Calibration





(10) 1,1,2-Trichloro-1,2,2-trifluoroethane (T)

2.33min 1.10ug/l

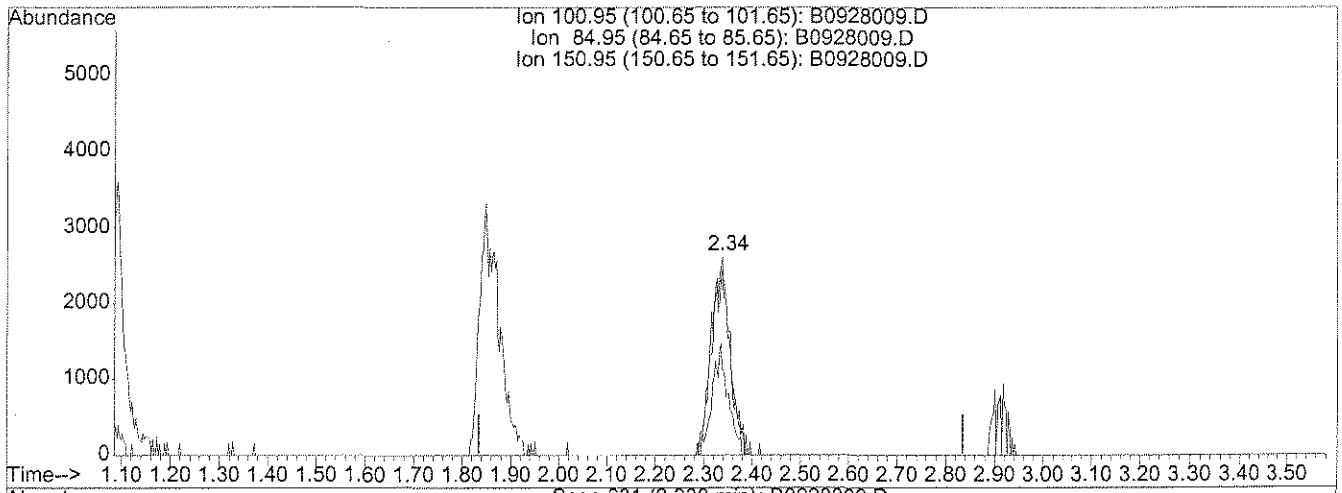
response 2970

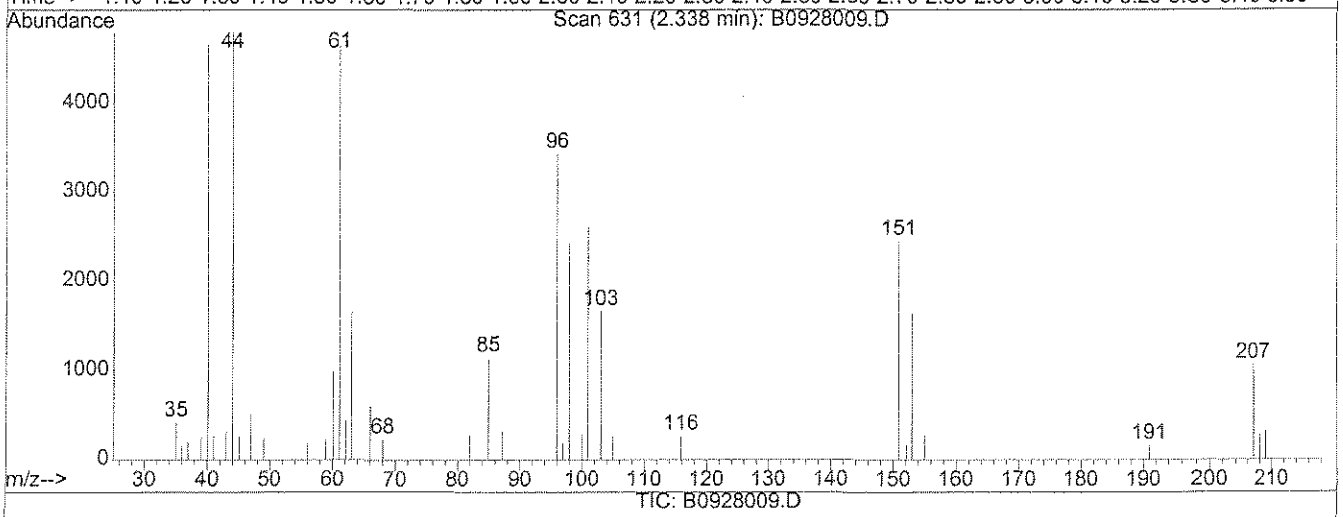
Ion	Exp%	Act%
100.95	100	100
84.95	38.50	46.09
150.95	88.20	90.77
0.00	0.00	0.00

Quantitation Report (Qedit)

Data File : X:\MSVOA\BUDDHA\092807\B0928009.D Vial: 1
Acq On : 28 Sep 2007 11:11 Operator: LPM
Sample : VSTD002 Inst : Buddha
Misc : 5ML+STD(MV8-42-18)+IS/SS+SS Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Sep 28 14:15 2007 Quant Results File: temp.res

Method : X:\MSVOA\BUDDHA\QUANT\B8260S.M (RTE Integrator)
Title : VOA 8260- 5ML Soil Calibration 5973B
Last Update : Fri Sep 28 14:14:32 2007
Response via : Multiple Level Calibration





TIC: B0928009.D

(10) 1,1,2-Trichloro-1,2,2-trifluoroethane (T)

2.34min 2.65ug/l m

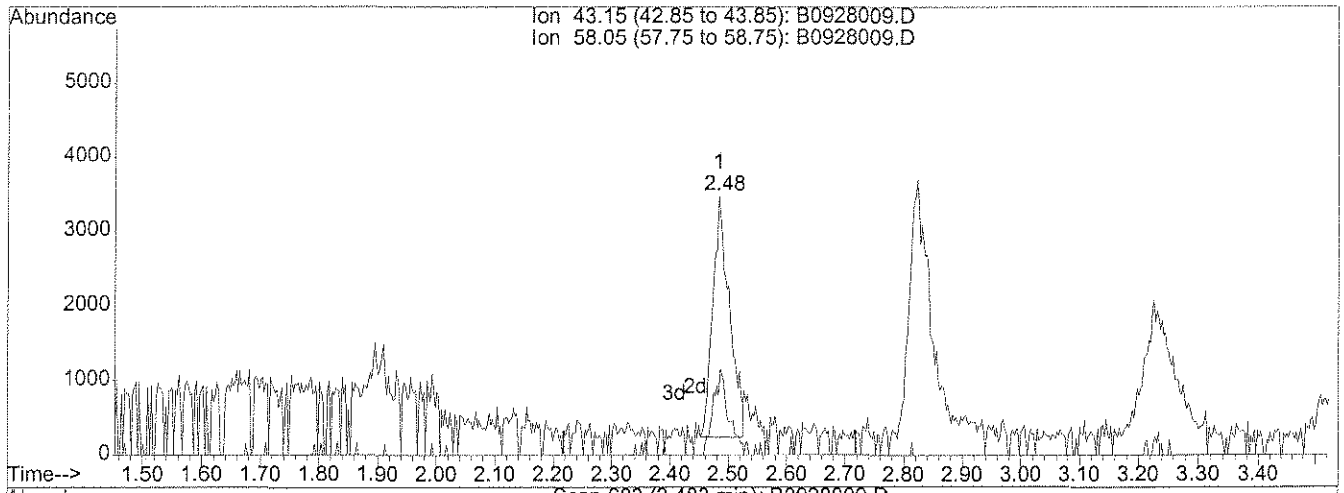
response 7142

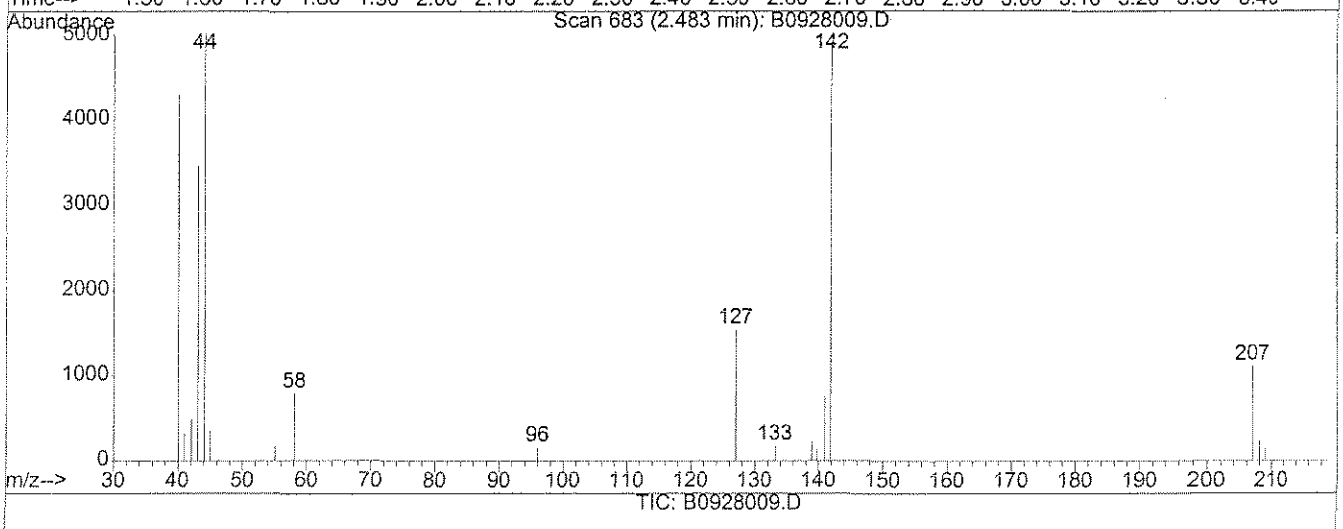
Ion	Exp%	Act%
100.95	100	100
84.95	38.50	19.17#
150.95	88.20	37.75#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data File : X:\MSVOA\BUDDHA\092807\B0928009.D Vial: 1
Acq On : 28 Sep 2007 11:11 Operator: LPM
Sample : VSTD002 Inst : Buddha
Misc : 5ML+STD(MV8-42-18)+IS/SS+SS Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Sep 28 14:30 2007 Quant Results File: temp.res

Method : X:\MSVOA\BUDDHA\QUANT\B8260S.M (RTE Integrator)
Title : VOA 8260- 5ML Soil Calibration 5973B
Last Update : Fri Sep 28 16:30:36 2007
Response via : Multiple Level Calibration





TIC: B0928009.D

(11) Acetone (T)

2.48min 4.50ug/l

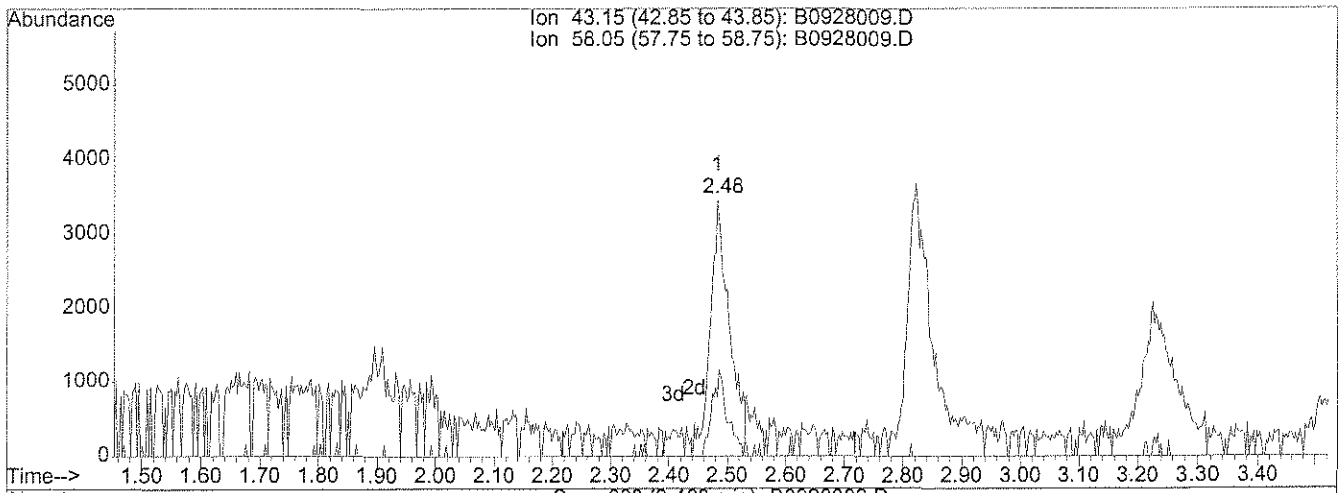
response 6358

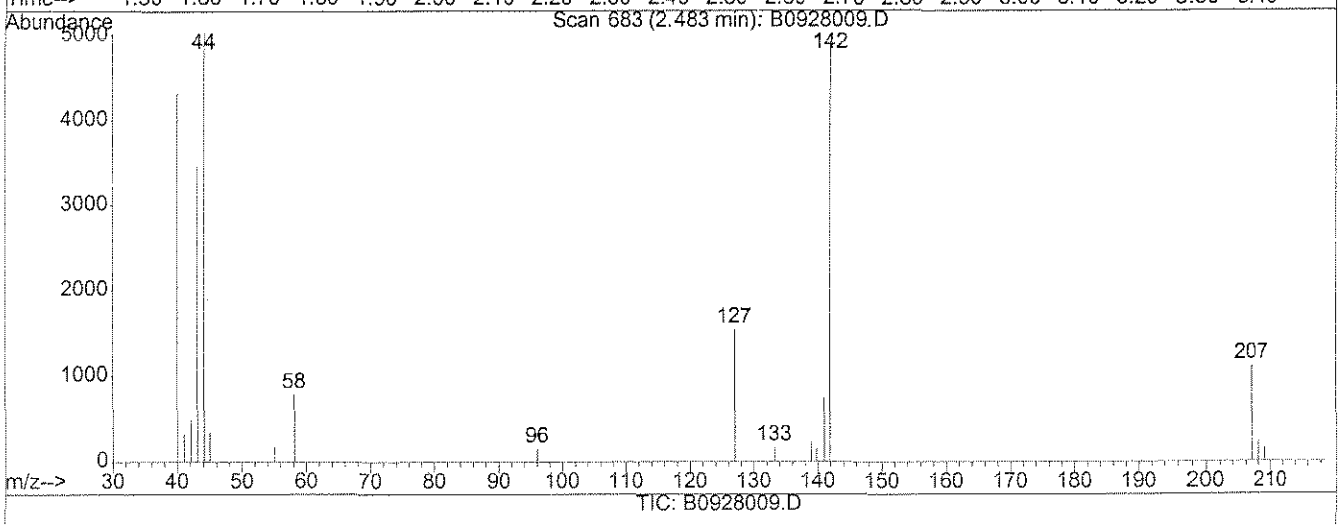
Ion	Exp%	Act%
43.15	100	100
58.05	27.50	33.20#
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data File : X:\MSVOA\BUDDHA\092807\B0928009.D Vial: 1
Acq On : 28 Sep 2007 11:11 Operator: LPM
Sample : VSTD002 Inst : Buddha
Misc : 5ML+STD(MV8-42-18)+IS/SS+SS Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Oct 1 10:16 2007 Quant Results File: temp.res

Method : X:\MSVOA\BUDDHA\QUANT\B8260S.M (RTE Integrator)
Title : VOA 8260- 5ML Soil Calibration 5973B
Last Update : Fri Sep 28 16:30:36 2007
Response via : Multiple Level Calibration





TIC: B0928009.D

(11) Acetone (T)

2.48min 5.57ug/l m

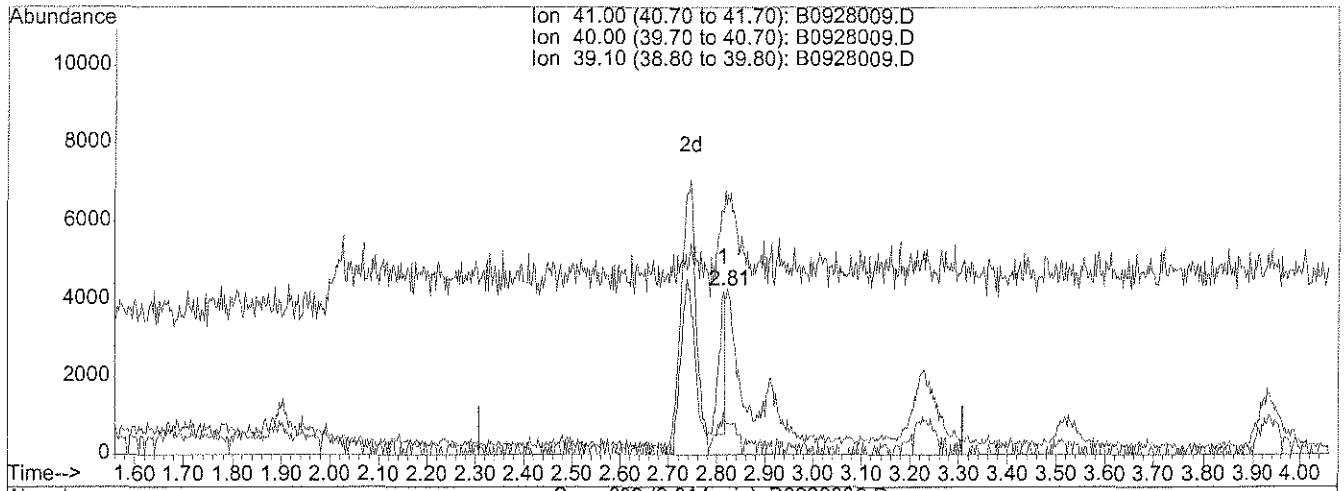
response 7872

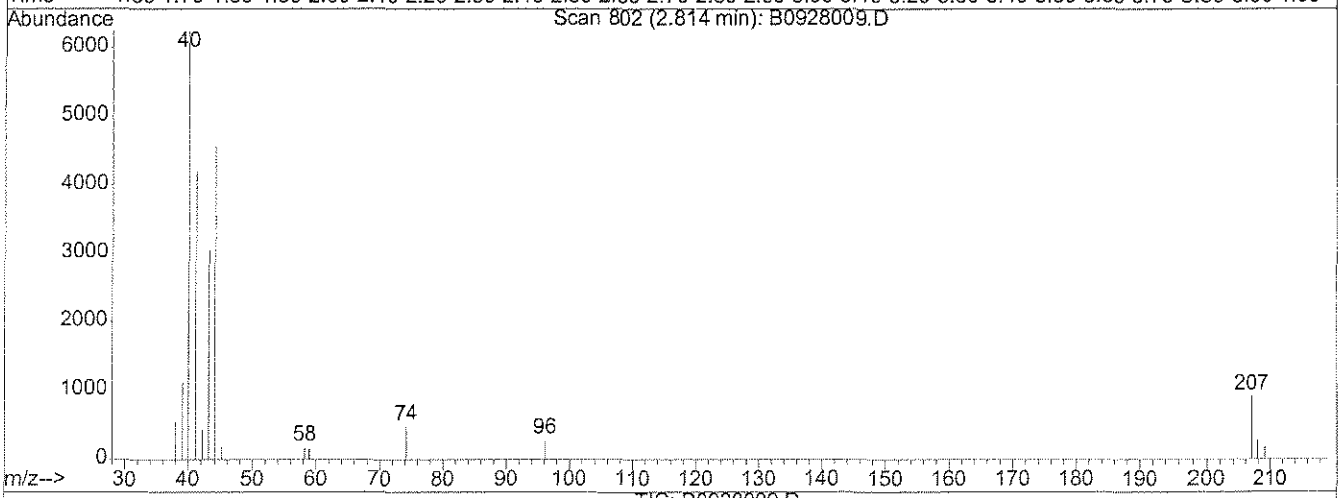
Ion	Exp%	Act%
43.15	100	100
58.05	27.50	26.82
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data File : X:\MSVOA\BUDDHA\092807\B0928009.D Vial: 1
Acq On : 28 Sep 2007 11:11 Operator: LPM
Sample : VSTD002 Inst : Buddha
Misc : 5ML+STD(MV8-42-18)+IS/SS+SS Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Sep 28 14:15 2007 Quant Results File: temp.res

Method : X:\MSVOA\BUDDHA\QUANT\B8260S.M (RTE Integrator)
Title : VOA 8260- 5ML Soil Calibration 5973B
Last Update : Fri Sep 28 14:14:32 2007
Response via : Multiple Level Calibration





TIC: B0928009.D

(16) Acetonitrile

2.81min 8.41ug/l

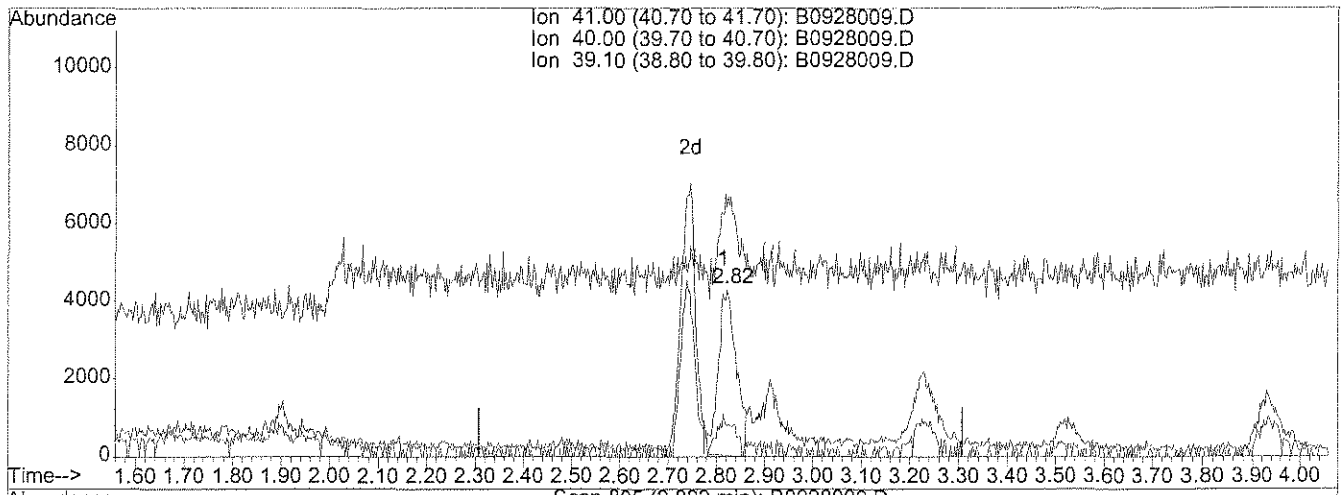
response 3254

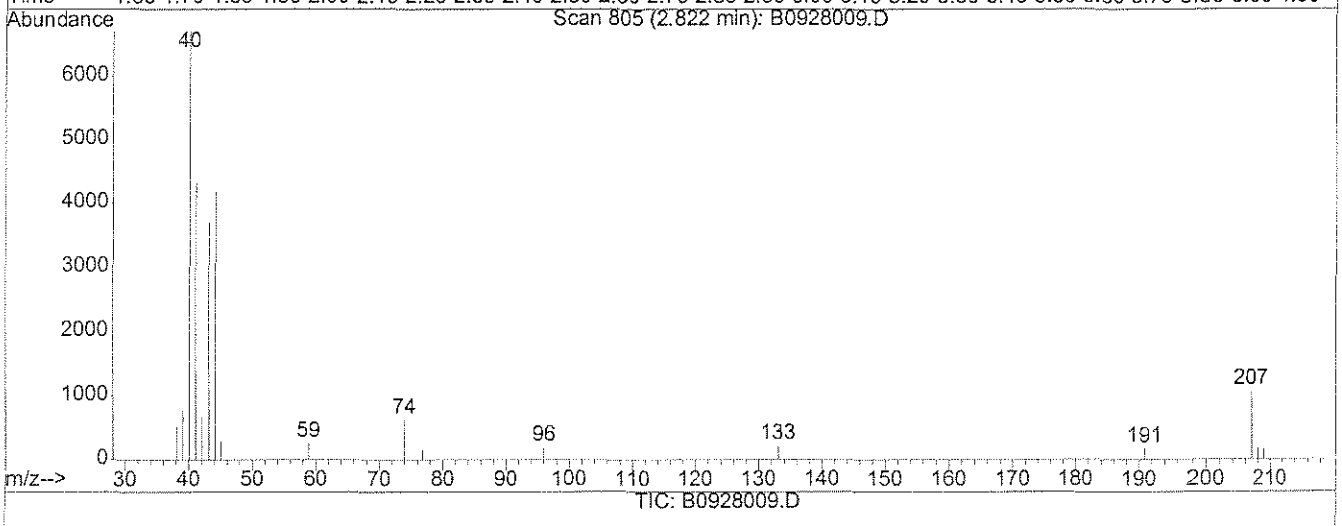
Ion	Exp%	Act%
41.00	100	100
40.00	52.50	72.71#
39.10	19.90	46.56#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data File : X:\MSVOA\BUDDHA\092807\B0928009.D Vial: 1
Acq On : 28 Sep 2007 11:11 Operator: LPM
Sample : VSTD002 Inst : Buddha
Misc : 5ML+STD(MV8-42-18)+IS/SS+SS Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Sep 28 14:15 2007 Quant Results File: temp.res

Method : X:\MSVOA\BUDDHA\QUANT\B8260S.M (RTE Integrator)
Title : VOA 8260- 5ML Soil Calibration 5973B
Last Update : Fri Sep 28 14:14:32 2007
Response via : Multiple Level Calibration





(16) Acetonitrile

2.82min 29.25ug/l m

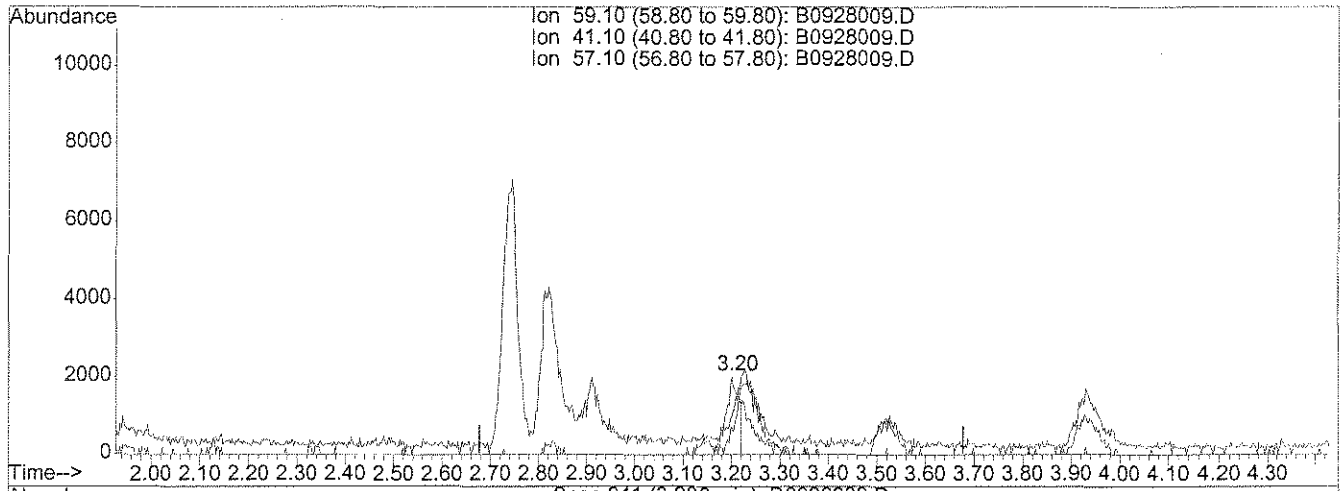
response 11312

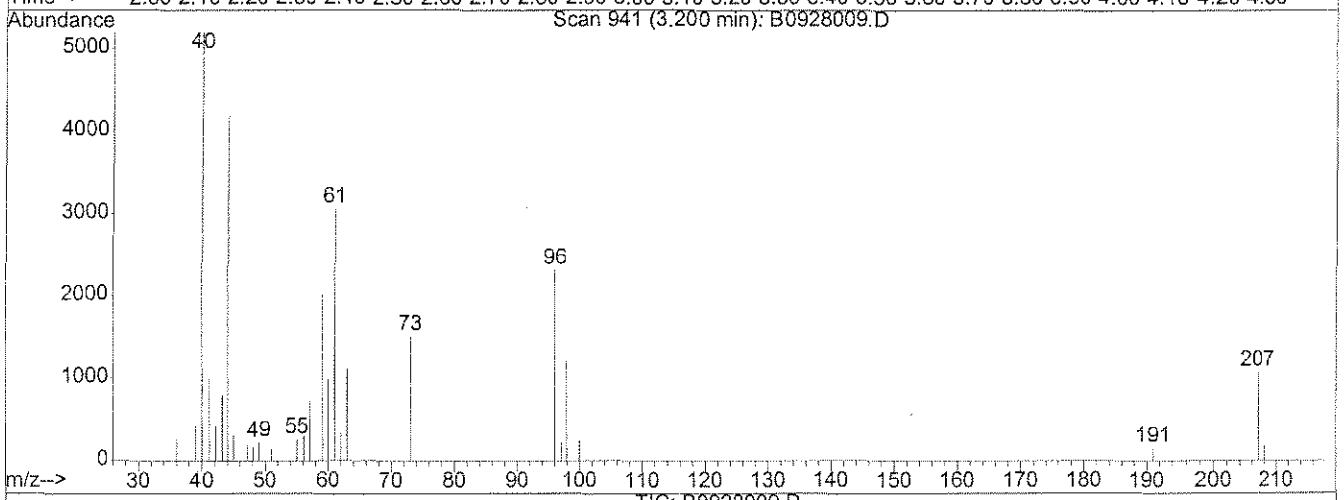
Ion	Exp%	Act%
41.00	100	100
40.00	52.50	20.92#
39.10	19.90	13.39#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data File : X:\MSVOA\BUDDHA\092807\B0928009.D Vial: 1
Acq On : 28 Sep 2007 11:11 Operator: LPM
Sample : VSTD002 Inst : Buddha
Misc : 5ML+STD(MV8-42-18)+IS/SS+SS Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Sep 28 14:15 2007 Quant Results File: temp.res

Method : X:\MSVOA\BUDDHA\QUANT\B8260S.M (RTE Integrator)
Title : VOA 8260- 5ML Soil Calibration 5973B
Last Update : Fri Sep 28 14:14:32 2007
Response via : Multiple Level Calibration





TIC: B0928009.D

(20) t-Butyl alcohol

3.20min 8.05ug/l

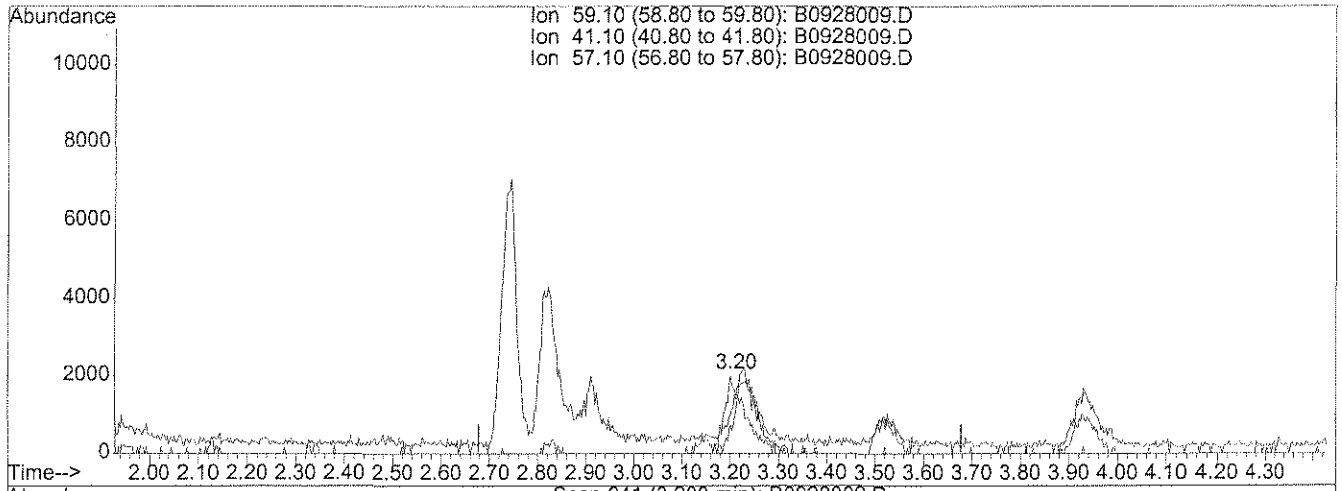
response 3758

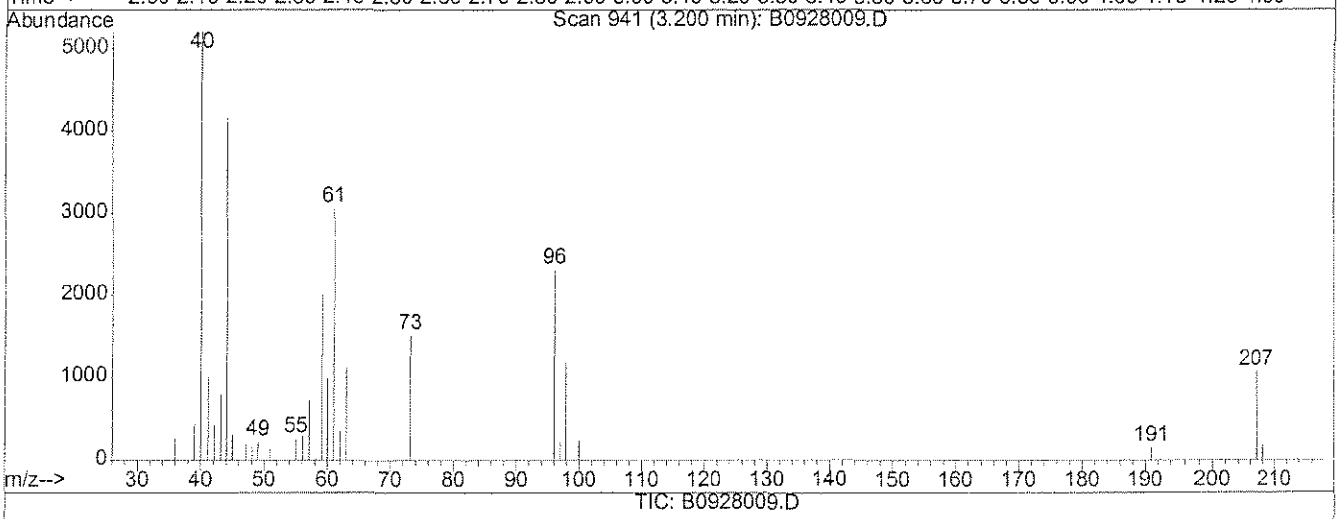
Ion	Exp%	Act%
59.10	100	100
41.10	42.00	130.44#
57.10	30.20	159.74#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data File : X:\MSVOA\BUDDHA\092807\B0928009.D Vial: 1
Acq On : 28 Sep 2007 11:11 Operator: LPM
Sample : VSTD002 Inst : Buddha
Misc : 5ML+STD(MV8-42-18)+IS/SS+SS Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Sep 28 14:16 2007 Quant Results File: temp.res

Method : X:\MSVOA\BUDDHA\QUANT\B8260S.M (RTE Integrator)
Title : VOA 8260- 5ML Soil Calibration 5973B
Last Update : Fri Sep 28 14:14:32 2007
Response via : Multiple Level Calibration





(20) t-Butyl alcohol

3.20min 12.96ug/l m

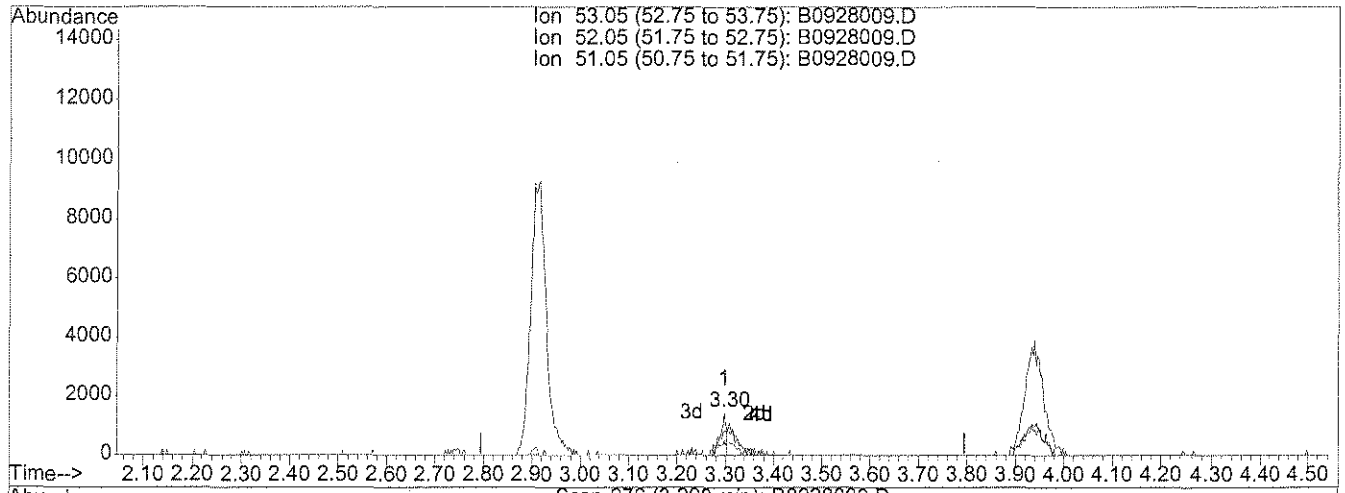
response 6052

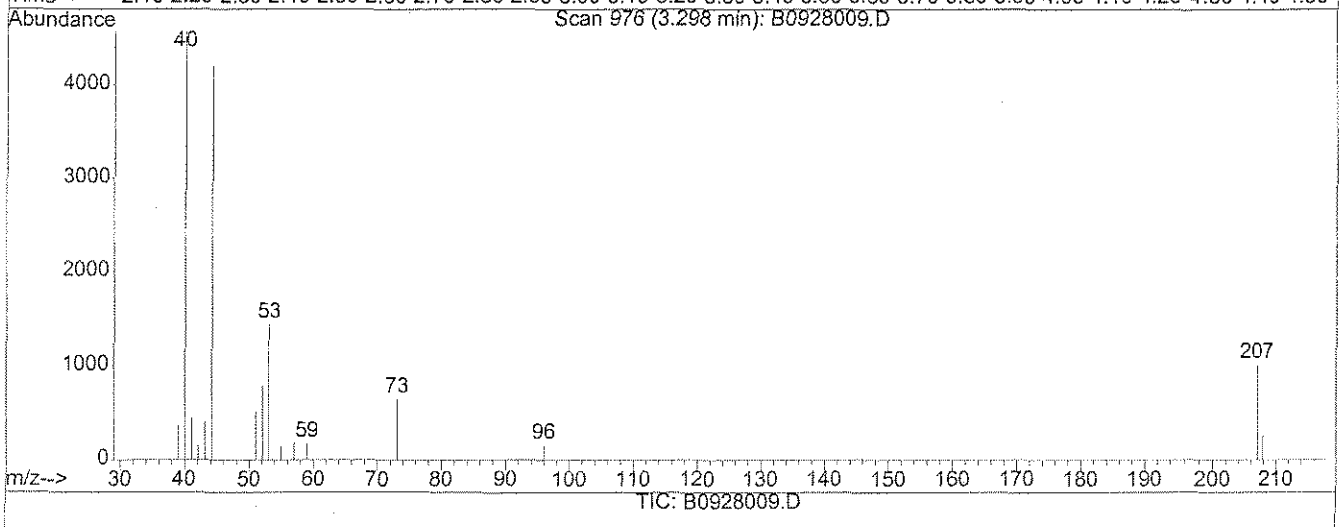
Ion	Exp%	Act%
59.10	100	100
41.10	42.00	81.00#
57.10	30.20	99.19#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data File : X:\MSVOA\BUDDHA\092807\B0928009.D Vial: 1
Acq On : 28 Sep 2007 11:11 Operator: LPM
Sample : VSTD002 Inst : Buddha
Misc : 5ML+STD(MV8-42-18)+IS/SS+SS Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Sep 28 14:16 2007 Quant Results File: temp.res

Method : X:\MSVOA\BUDDHA\QUANT\B8260S.M (RTE Integrator)
Title : VOA 8260- 5ML Soil Calibration 5973B
Last Update : Fri Sep 28 14:14:32 2007
Response via : Multiple Level Calibration





TIC: B0928009.D

(22) Acrylonitrile (T)

3.30min 1.13ug/l

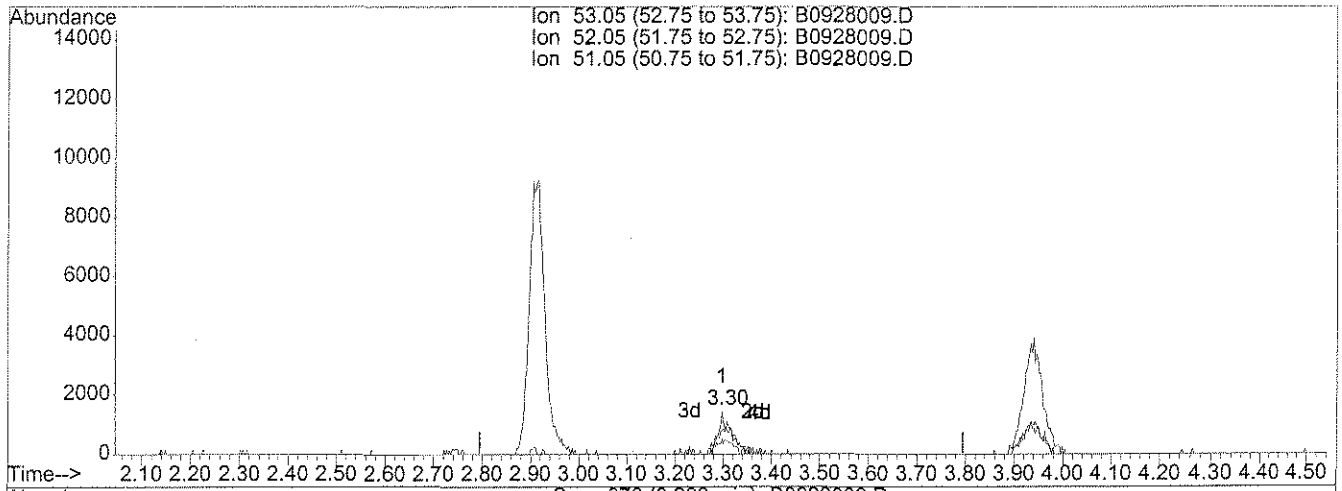
response 1355

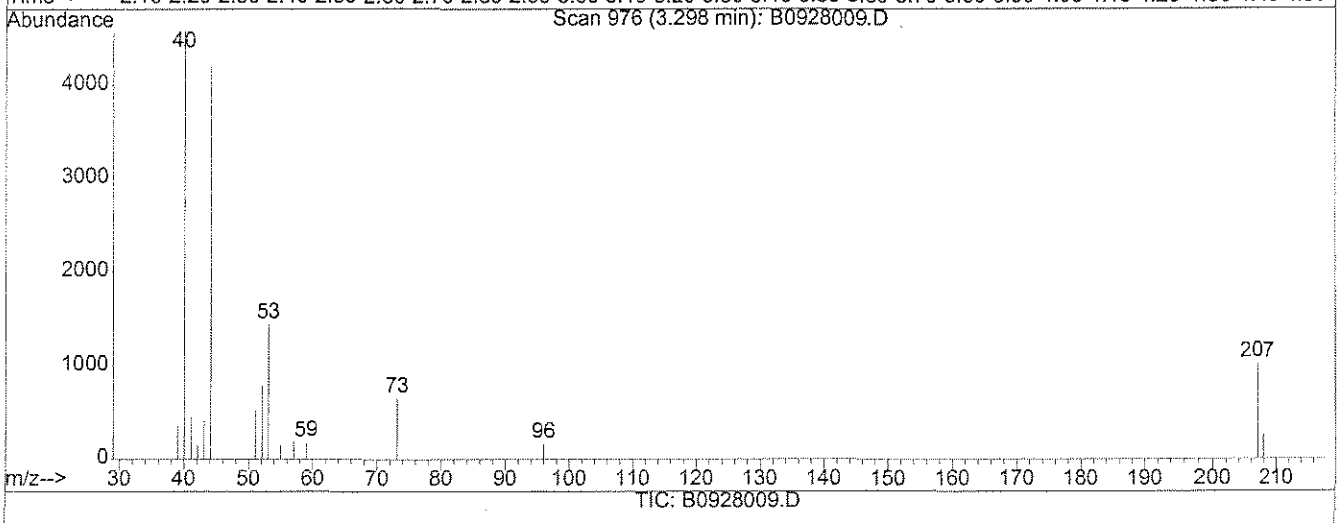
Ion	Exp%	Act%
53.05	100	100
52.05	81.70	73.95
51.05	37.70	0.00#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data File : X:\MSVOA\BUDDHA\092807\B0928009.D Vial: 1
Acq On : 28 Sep 2007 11:11 Operator: LPM
Sample : VSTD002 Inst : Buddha
Misc : 5ML+STD(MV8-42-18)+IS/SS+SS Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Sep 28 14:16 2007 Quant Results File: temp.res

Method : X:\MSVOA\BUDDHA\QUANT\B8260S.M (RTE Integrator)
Title : VOA 8260- 5ML Soil Calibration 5973B
Last Update : Fri Sep 28 14:14:32 2007
Response via : Multiple Level Calibration





(22) Acrylonitrile (T)

3.30min 2.49ug/l m

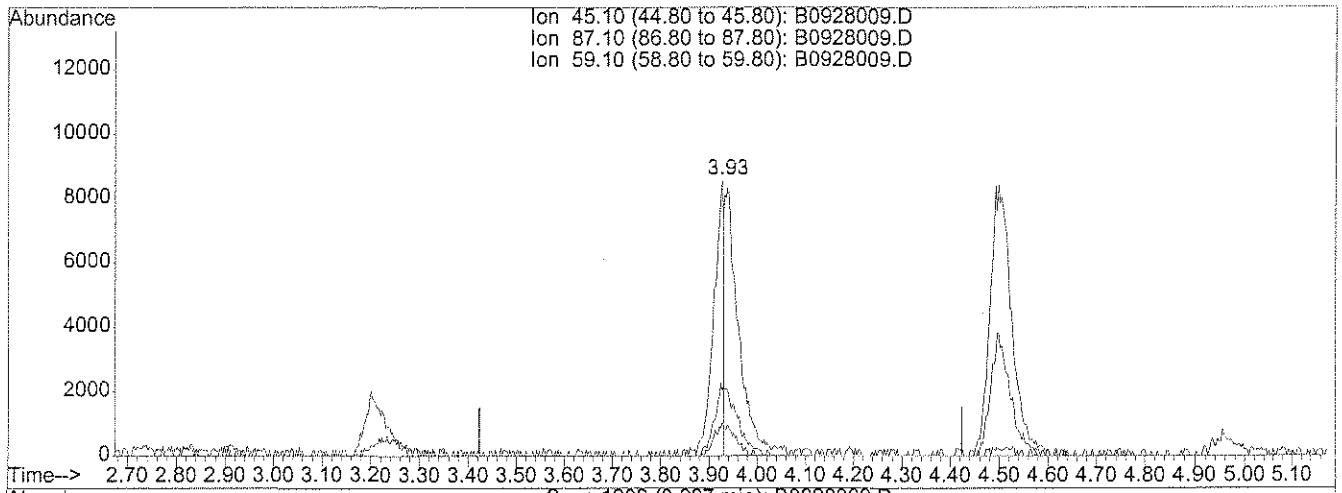
response 2980

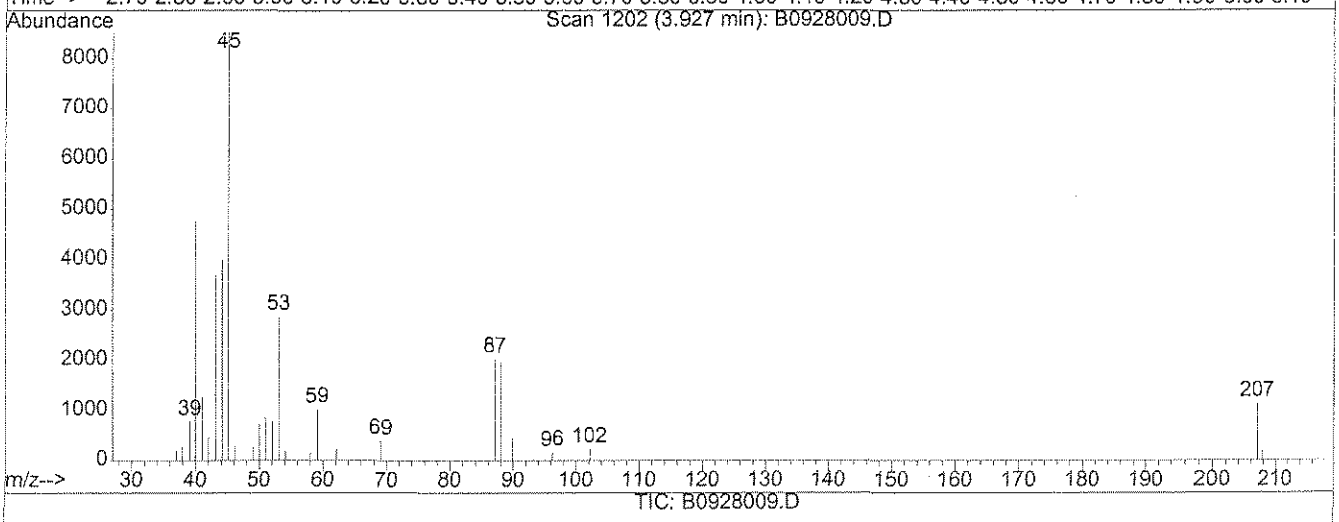
Ion	Exp%	Act%
53.05	100	100
52.05	81.70	33.62#
51.05	37.70	0.00#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data File : X:\MSVOA\BUDDHA\092807\B0928009.D Vial: 1
Acq On : 28 Sep 2007 11:11 Operator: LPM
Sample : VSTD002 Inst : Buddha
Misc : 5ML+STD(MV8-42-18)+IS/SS+SS Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Sep 28 14:16 2007 Quant Results File: temp.res

Method : X:\MSVOA\BUDDHA\QUANT\B8260S.M (RTE Integrator)
Title : VOA 8260- 5ML Soil Calibration 5973B
Last Update : Fri Sep 28 14:14:32 2007
Response via : Multiple Level Calibration





(25) Isopropyl ether

3.93min 0.92ug/l

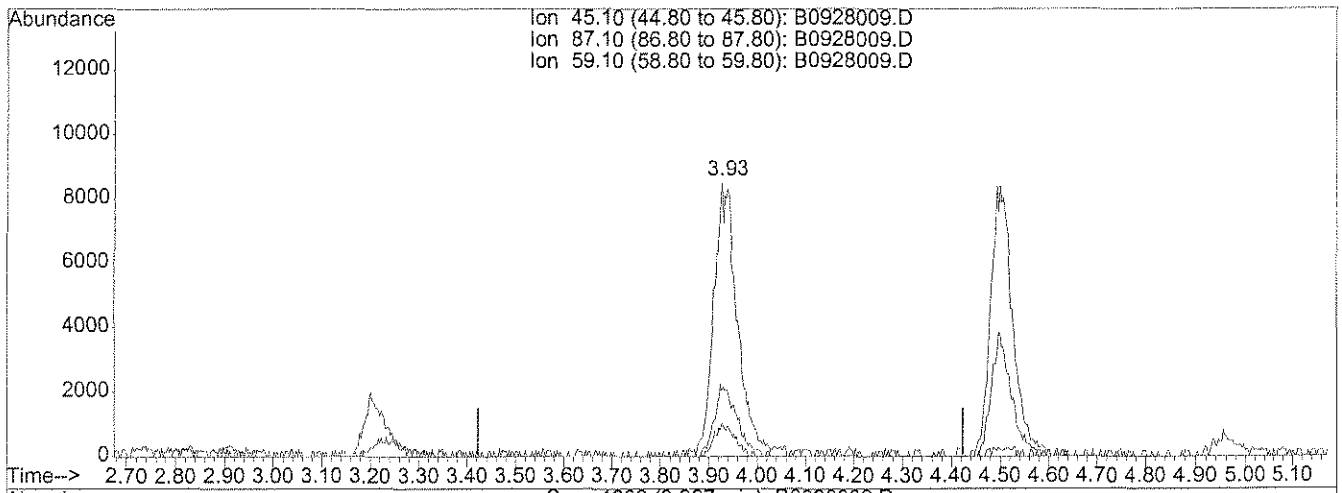
response 11945

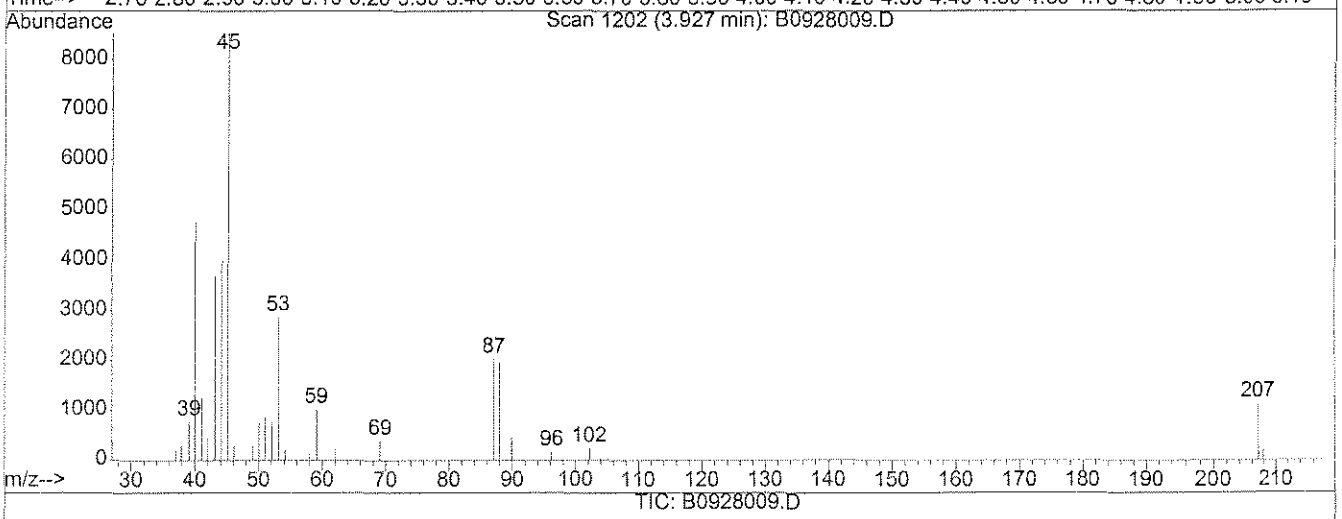
Ion	Exp%	Act%
45.10	100	100
87.10	27.90	60.88#
59.10	10.90	13.55#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data File : X:\MSVOA\BUDDHA\092807\B0928009.D Vial: 1
Acq On : 28 Sep 2007 11:11 Operator: LPM
Sample : VSTD002 Inst : Buddha
Misc : 5ML+STD(MV8-42-18)+IS/SS+SS Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Sep 28 14:16 2007 Quant Results File: temp.res

Method : X:\MSVOA\BUDDHA\QUANT\B8260S.M (RTE Integrator)
Title : VOA 8260- 5ML Soil Calibration 5973B
Last Update : Fri Sep 28 14:14:32 2007
Response via : Multiple Level Calibration





TIC: B0928009.D

(25) Isopropyl ether

3.93min 2.26ug/l m

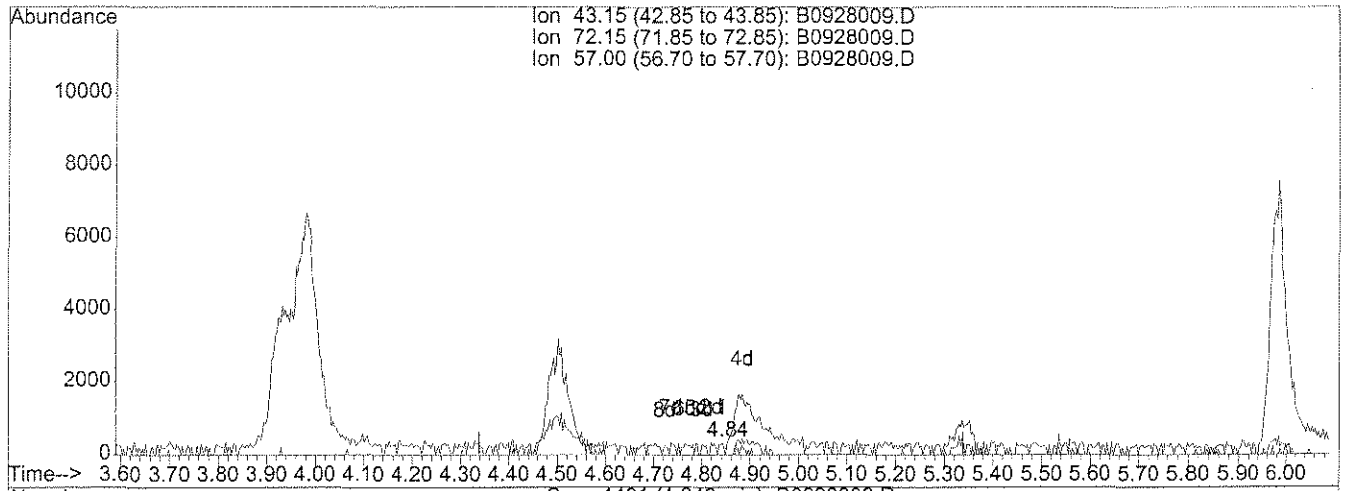
response 29326

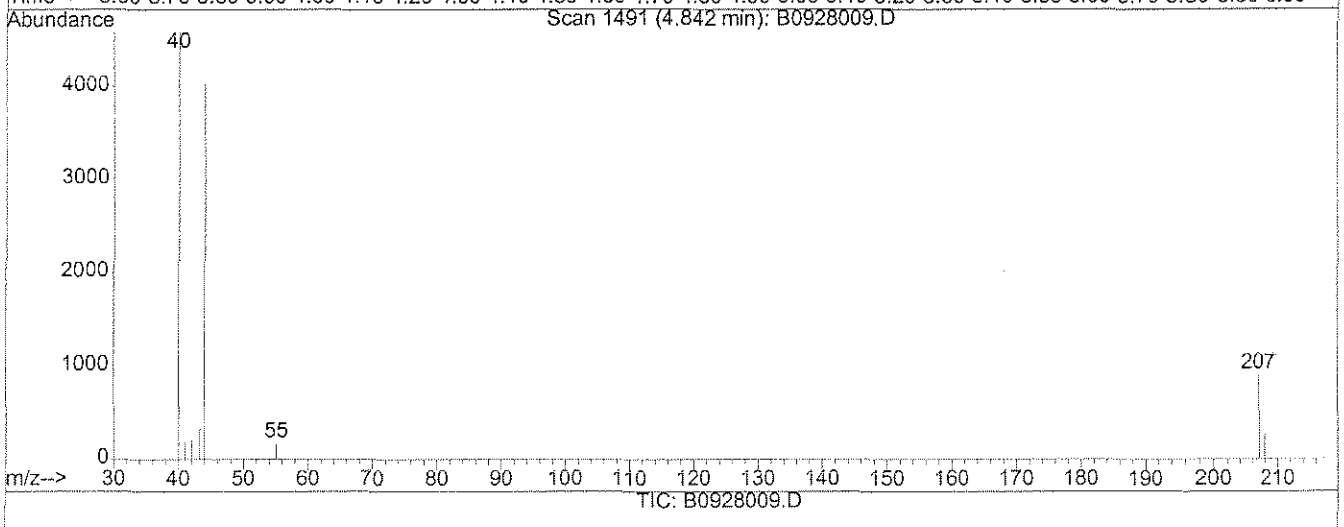
Ion	Exp%	Act%
45.10	100	100
87.10	27.90	24.80
59.10	10.90	5.52#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data File : X:\MSVOA\BUDDHA\092807\B0928009.D Vial: 1
Acq On : 28 Sep 2007 11:11 Operator: LPM
Sample : VSTD002 Inst : Buddha
Misc : 5ML+STD(MV8-42-18)+IS/SS+SS Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Sep 28 14:16 2007 Quant Results File: temp.res

Method : X:\MSVOA\BUDDHA\QUANT\B8260S.M (RTE Integrator)
Title : VOA 8260- 5ML Soil Calibration 5973B
Last Update : Fri Sep 28 14:14:32 2007
Response via : Multiple Level Calibration





(30) 2-Butanone (T)

4.84min 0.10ug/l

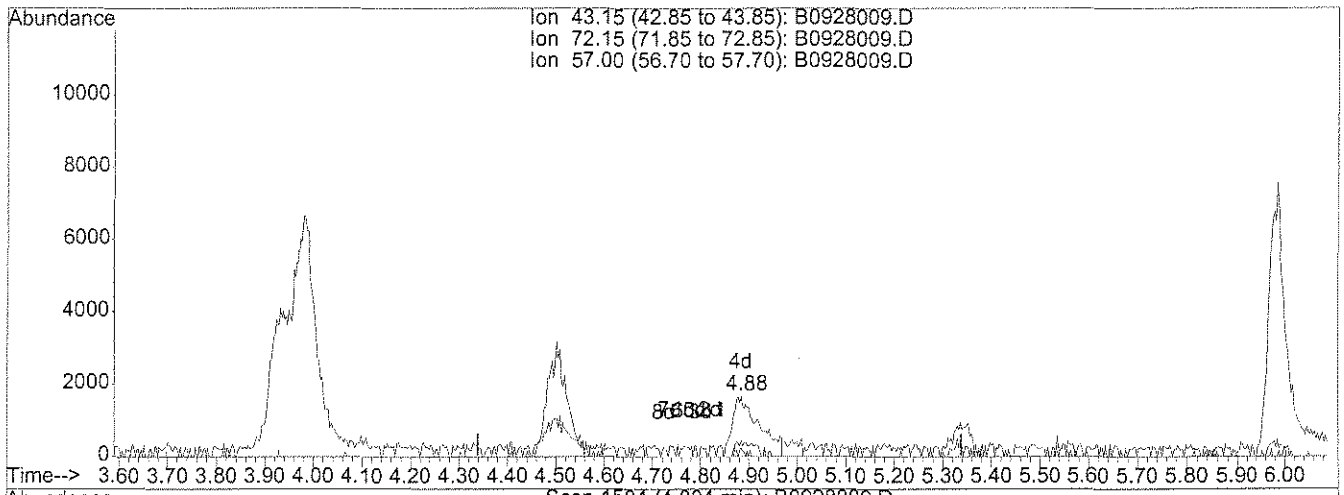
response 218

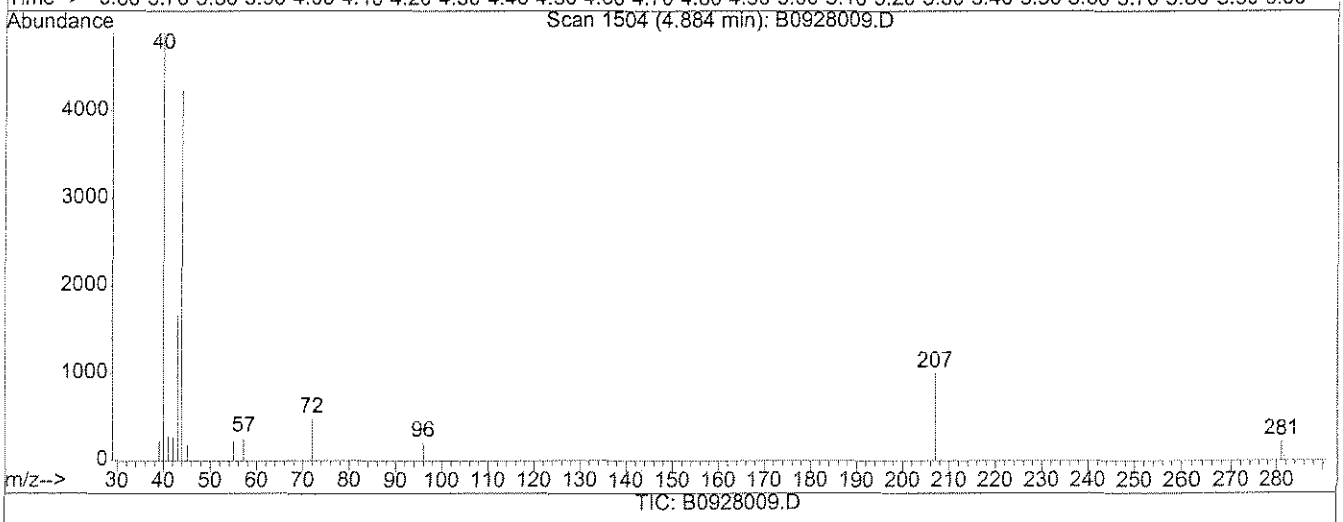
Ion	Exp%	Act%
43.15	100	100
72.15	20.90	0.00#
57.00	7.60	0.00#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data File : X:\MSVOA\BUDDHA\092807\B0928009.D Vial: 1
Acq On : 28 Sep 2007 11:11 Operator: LPM
Sample : VSTD002 Inst : Buddha
Misc : 5ML+STD(MV8-42-18)+IS/SS+SS Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Sep 28 14:16 2007 Quant Results File: temp.res

Method : X:\MSVOA\BUDDHA\QUANT\B8260S.M (RTE Integrator)
Title : VOA 8260- 5ML Soil Calibration 5973B
Last Update : Fri Sep 28 14:14:32 2007
Response via : Multiple Level Calibration





(30) 2-Butanone (T)

4.88min 3.09ug/l m

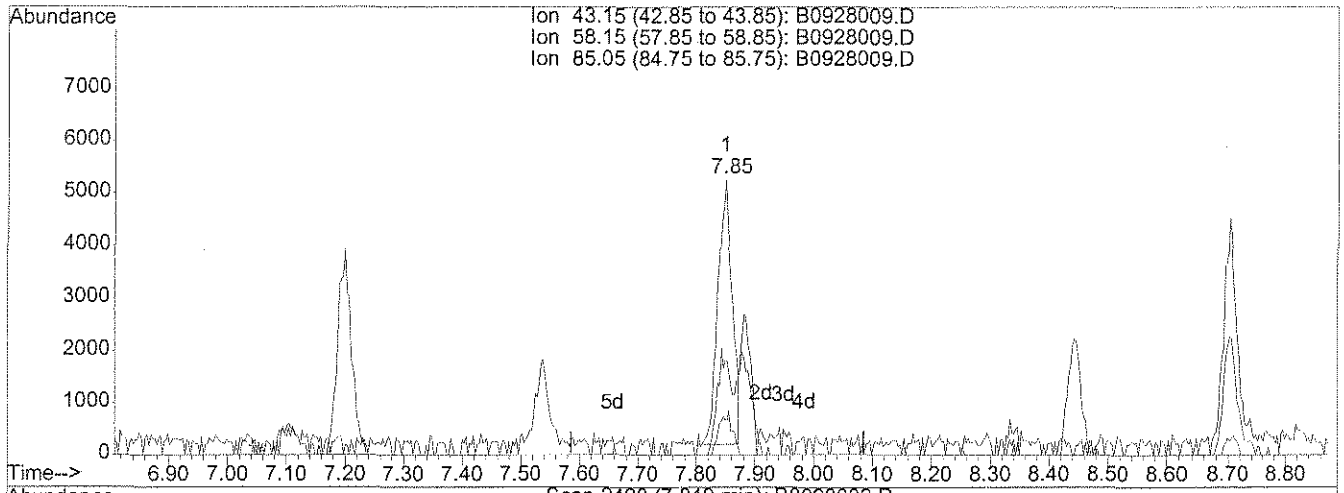
response 6495

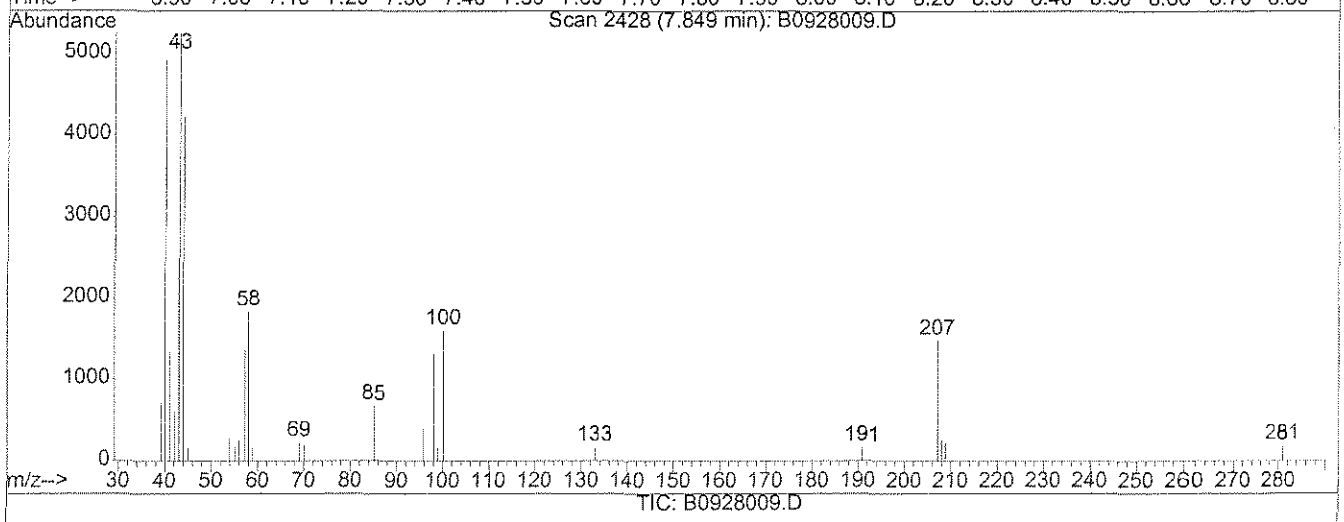
Ion	Exp%	Act%
43.15	100	100
72.15	20.90	0.00#
57.00	7.60	0.00#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data File : X:\MSVOA\BUDDHA\092807\B0928009.D Vial: 1
Acq On : 28 Sep 2007 11:11 Operator: LPM
Sample : VSTD002 Inst : Buddha
Misc : 5ML+STD(MV8-42-18)+IS/SS+SS Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Sep 28 14:16 2007 Quant Results File: temp.res

Method : X:\MSVOA\BUDDHA\QUANT\B8260S.M (RTE Integrator)
Title : VOA 8260- 5ML Soil Calibration 5973B
Last Update : Fri Sep 28 14:14:32 2007
Response via : Single Level Calibration





TIC: B0928009.D

(53) 4-Methyl-2-pentanone (T)

7.85min 2.17ug/l

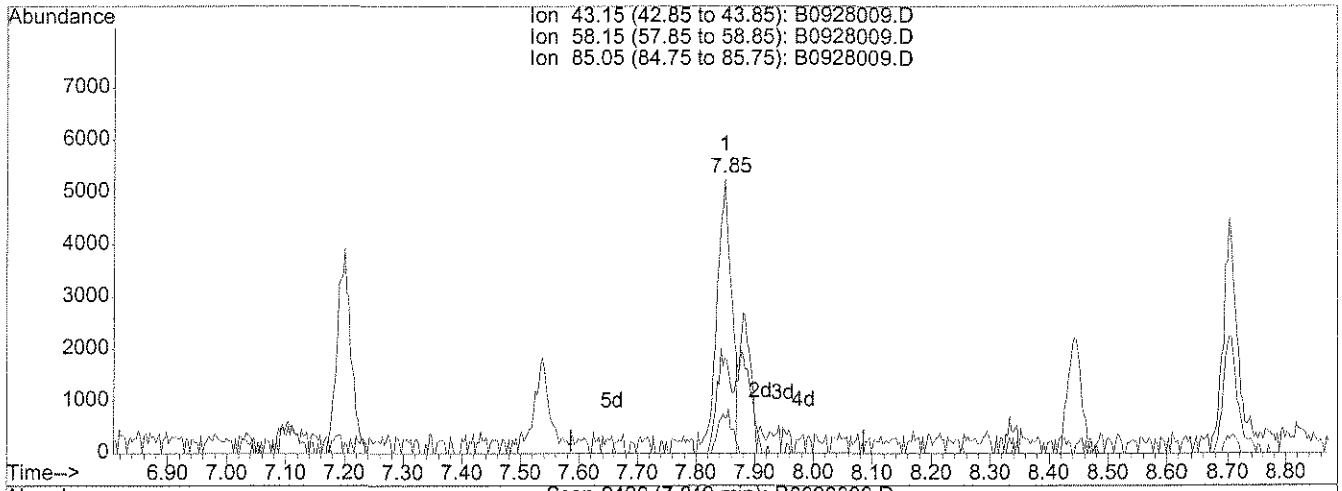
response 8477

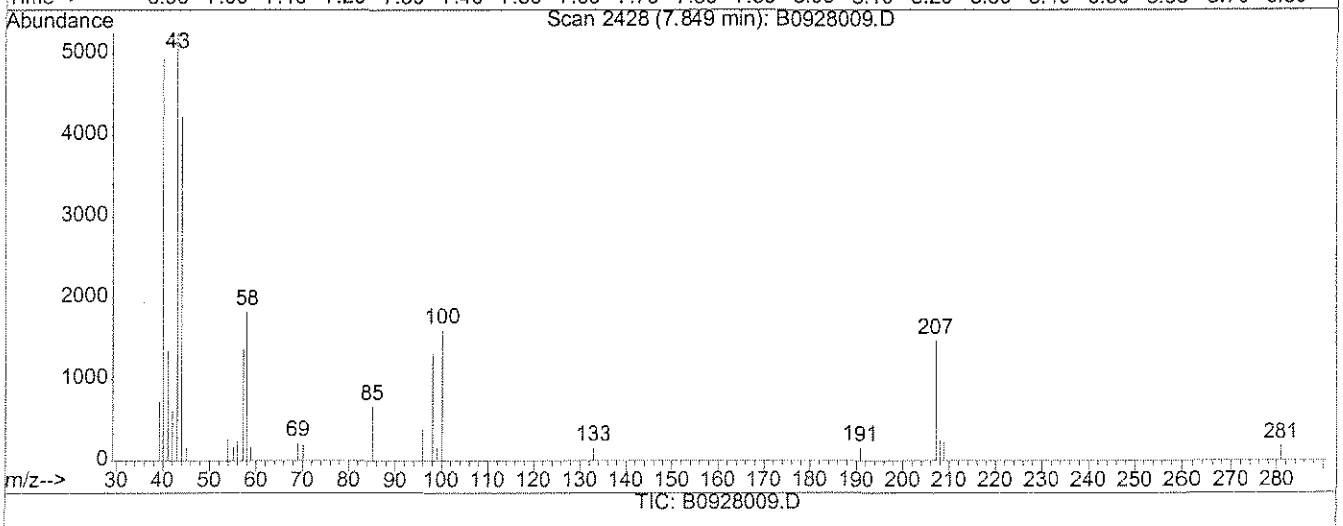
Ion	Exp%	Act%
43.15	100	100
58.15	38.80	36.29
85.05	17.70	15.43
0.00	0.00	0.00

Quantitation Report (Qedit)

Data File : X:\MSVOA\BUDDHA\092807\B0928009.D Vial: 1
Acq On : 28 Sep 2007 11:11 Operator: LPM
Sample : VSTD002 Inst : Buddha
Misc : 5ML+STD(MV8-42-18)+IS/SS+SS Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Sep 28 14:16 2007 Quant Results File: temp.res

Method : X:\MSVOA\BUDDHA\QUANT\B8260S.M (RTE Integrator)
Title : VOA 8260- 5ML Soil Calibration 5973B
Last Update : Fri Sep 28 14:14:32 2007
Response via : Single Level Calibration





TIC: B0928009.D

(53) 4-Methyl-2-pentanone (T)

7.85min 2.33ug/l m

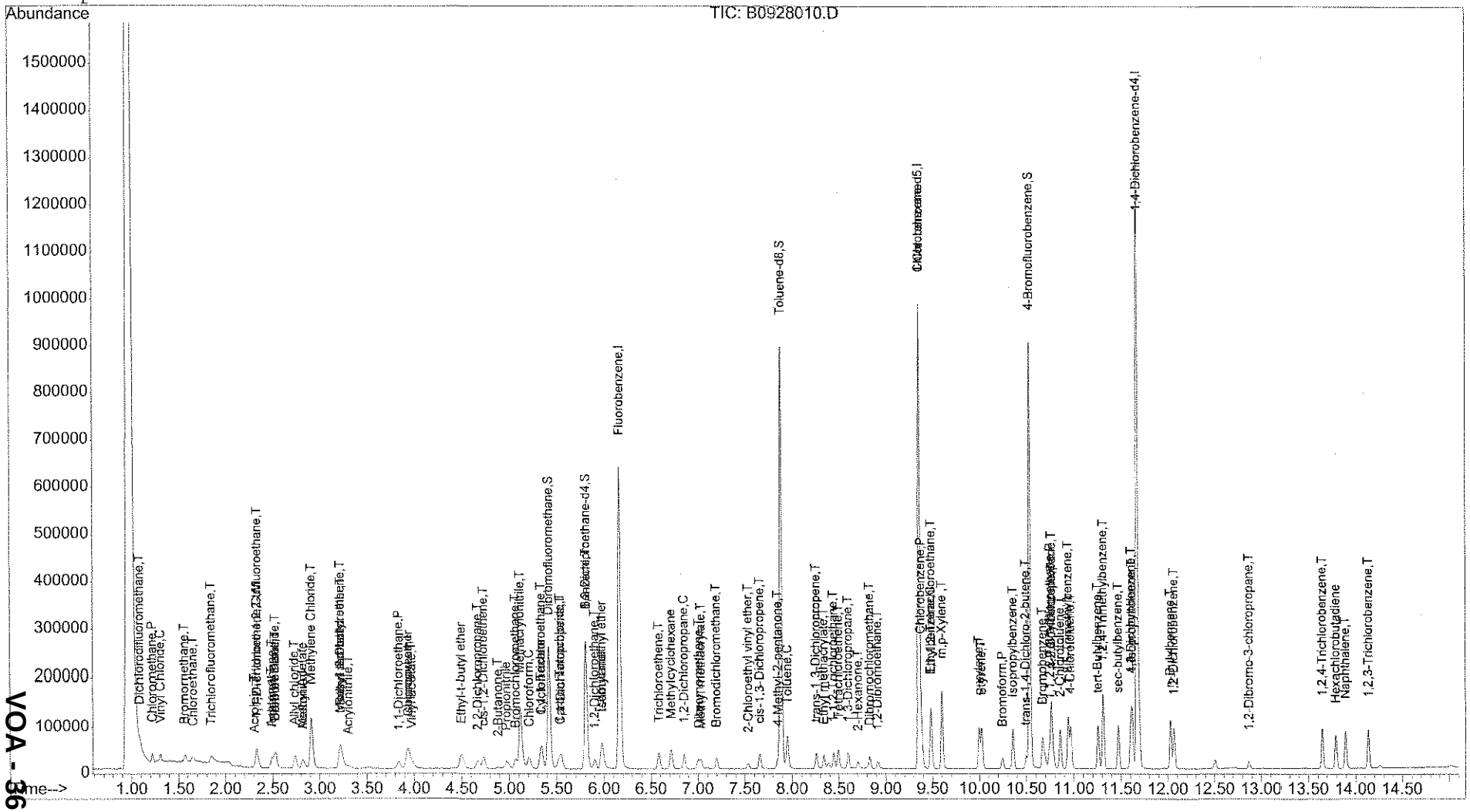
response 9097

Ion	Exp%	Act%
43.15	100	100
58.15	38.80	33.81
85.05	17.70	14.38
0.00	0.00	0.00

Quantitation Report

Data File : X:\MSVOA\BUDDHA\092807\B0928010.D Vial: 2
Acq On : 28 Sep 2007 11:37 Operator: LPM
Sample : VSTD003 Inst : Buddha
Misc : 5ML+STD(MV8-42-18)+IS/SS+SS Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Sep 28 16:28 2007 Quant Results File: B8260S.RES

Method : X:\MSVOA\BUDDHA\QUANT\B8260S.M (RTE Integrator)
Title : VOA 8260- 5ML Soil Calibration 5973B
Last Update : Mon Oct 01 10:17:13 2007
Response via : Initial Calibration



Quantitation Report

Data File : X:\MSVOA\BUDDHA\092807\B0928010.D Vial: 2
Acq On : 28 Sep 2007 11:37 Operator: LPM
Sample : VSTD003 Inst : Buddha
Misc : 5ML+STD(MV8-42-18)+IS/SS+SS Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Sep 28 16:28 2007 Quant Results File: B8260S.RES

Quant Method : X:\MSVOA\BUDDHA\QUANT\B8260S.M (RTE Integrator)
Title : VOA 8260- 5ML Soil Calibration 5973B
Last Update : Fri Sep 28 14:17:27 2007
Response via : Initial Calibration
DataAcq Meth : 8260
IS QA File : X:\MSVOA\BUDDHA\092807\B0928013.D (28 Sep 2007 12:55)

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min) Rcv(Ar)
1) Fluorobenzene	6.17	96	604344	50.00	ug/l	0.00 96.68%
54) Chlorobenzene-d5	9.36	117	504382	50.00	ug/l	0.00 100.02%
74) 1,4-Dichlorobenzene-d4	11.67	152	330902	50.00	ug/l	0.00 99.88%

System Monitoring Compounds						
37) Dibromofluoromethane	5.42	111	176846	52.41	ug/l	0.00
Spiked Amount 50.000	Range 65 - 135		Recovery = 104.82%			
40) 1,2-Dichloroethane-d4	5.81	65	152120	49.35	ug/l	0.00
Spiked Amount 50.000	Range 52 - 149		Recovery = 98.70%			
55) Toluene-d8	7.88	98	571052	47.27	ug/l	0.00
Spiked Amount 50.000	Range 85 - 115		Recovery = 94.54%			
76) 4-Bromofluorobenzene	10.54	95	264904	49.50	ug/l	0.00
Spiked Amount 50.000	Range 85 - 120		Recovery = 99.00%			

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.09	85	9332	3.58	ug/l #	95
3) Chloromethane	1.22	50	16275	3.64	ug/l	100
4) Vinyl Chloride	1.31	62	13687	3.62	ug/l	93
5) Bromomethane	1.57	96	9155	3.89	ug/l	100
6) Chloroethane	1.65	64	8601	3.68	ug/l	94
7) Trichlorofluoromethane	1.85	101	15408	3.49	ug/l	95
8) Acrolein	2.30	56	1775m	5.38	ug/l #	70
9) 1,1-Dichloroethene	2.33	96	10705	3.18	ug/l #	88
10) 1,1,2-Trichloro-1,2,2-trif	2.33	101	8970m	3.12	ug/l	16
11) Acetone	2.48	43	7379m	4.89	ug/l #	89
12) Iodomethane	2.49	142	22177	3.40	ug/l	98
13) Bromoethane	2.52	108	10548	3.28	ug/l	94
14) Carbon Disulfide	2.53	76	38059	3.41	ug/l	100
15) Allyl chloride	2.74	76	7232m	3.33	ug/l #	1
16) Acetonitrile	2.82	41	14416m	34.92	ug/l #	46
17) Methyl Acetate	2.83	43	11371	3.20	ug/l	100
18) Methylene Chloride	2.91	84	55646	7.17	ug/l	94
19) trans-1,2-Dichloroethene	3.21	96	12335	3.14	ug/l	95
20) t-Butyl alcohol	3.21	59	7566	15.18	ug/l #	62
21) Methyl tert-butyl ether	3.23	73	39518	3.26	ug/l #	74
22) Acrylonitrile	3.30	53	4446	3.49	ug/l	95

(#) = qualifier out of range (m) = manual integration

Quantitation Report

Data File : X:\MSVOA\BUDDHA\092807\B0928010.D Vial: 2
Acq On : 28 Sep 2007 11:37 Operator: LPM
Sample : VSTD003 Inst : Buddha
Misc : 5ML+STD(MV8-42-18)+IS/SS+SS Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Sep 28 16:28 2007 Quant Results File: B8260S.RES

Quant Method : X:\MSVOA\BUDDHA\QUANT\B8260S.M (RTE Integrator)
Title : VOA 8260- 5ML Soil Calibration 5973B
Last Update : Fri Sep 28 14:17:27 2007
Response via : Initial Calibration
DataAcq Meth : 8260

Compound	R.T.	QIon	Response	Conc	Unit		Qvalue
23) 1,1-Dichloroethane	3.84	63	21618	3.17	ug/l		97
24) Chloroprene	3.94	53	14691	3.14	ug/l	#	96
25) Isopropyl ether	3.93	45	44297m	3.20	ug/l	#	53
26) Vinyl acetate	3.98	43	25368	2.51	ug/l	#	89
27) Ethyl-t-butyl ether	4.50	59	40616	3.19	ug/l		95
28) 2,2-Dichloropropane	4.68	77	15942m	3.31	ug/l	#	89
29) cis-1,2-Dichloroethene	4.73	96	14456	3.24	ug/l		85
30) 2-Butanone	4.88	43	5701	2.51	ug/l	#	83
31) Propionitrile	4.97	54	19279	31.94	ug/l	#	88
32) Bromochloromethane	5.07	128	7211	3.17	ug/l		91
33) Methacrylonitrile	5.12	41	80767	31.11	ug/l		95
34) Chloroform	5.21	83	21457	3.19	ug/l		100
35) 1,1,1-Trichloroethane	5.34	97	16629	3.15	ug/l		95
36) Cyclohexane	5.33	56	17034	2.94	ug/l		96
38) Carbon Tetrachloride	5.53	117	13578	2.95	ug/l		93
39) 1,1-Dichloropropene	5.55	75	14259	3.10	ug/l		92
41) Benzene	5.81	78	49169	3.11	ug/l		100
42) 1,2-Dichloroethane	5.91	62	14587	3.03	ug/l		98
43) t-Amyl methyl ether	5.97	73	38879	3.21	ug/l		97
44) Isobutanol	5.98	43	24794	53.73	ug/l	#	85
45) Trichloroethene	6.58	130	12489	3.07	ug/l		95
46) Methylcyclohexane	6.72	83	17261	2.84	ug/l		97
47) 1,2-Dichloropropane	6.85	63	11517	3.09	ug/l		96
48) Dibromomethane	7.00	93	7168	3.16	ug/l		97
49) Methyl methacrylate	7.03	41	9078	2.87	ug/l	#	89
50) Bromodichloromethane	7.20	83	15172	3.06	ug/l		98
51) 2-Chloroethyl vinyl ether	7.53	63	5150	7.55	ug/l		99
52) cis-1,3-Dichloropropene	7.66	75	17057	2.97	ug/l		97
53) 4-Methyl-2-pentanone	7.84	43	13881	3.34	ug/l		98
56) Toluene	7.95	92	28078	2.87	ug/l		98
57) trans-1,3-Dichloropropene	8.26	75	16657	2.88	ug/l		99
58) Ethyl methacrylate	8.34	69	14762	2.90	ug/l		91
59) 1,1,2-Trichloroethane	8.45	97	10391	2.92	ug/l		98
60) Tetrachloroethene	8.49	166	12202	2.86	ug/l		96
61) 1,3-Dichloropropane	8.60	76	16961	2.90	ug/l		97
62) 2-Hexanone	8.70	43	9048	4.34	ug/l	#	90
63) Dibromochloromethane	8.83	129	12848	3.02	ug/l		94
64) 1,2-Dibromoethane	8.91	107	11180	2.99	ug/l		95
65) 1-Chlorohexane	9.36	91	12785	2.89	ug/l	#	63
66) Chlorobenzene	9.39	112	34289	3.06	ug/l		95
67) 1,1,1,2-Tetrachloroethane	9.49	131	13493	3.09	ug/l		98

(#) = qualifier out of range (m) = manual integration

Quantitation Report

Data File : X:\MSVOA\BUDDHA\092807\B0928010.D Vial: 2
Acq On : 28 Sep 2007 11:37 Operator: LPM
Sample : VSTD003 Inst : Buddha
Misc : 5ML+STD(MV8-42-18)+IS/SS+SS Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Sep 28 16:28 2007 Quant Results File: B8260S.RES

Quant Method : X:\MSVOA\BUDDHA\QUANT\B8260S.M (RTE Integrator)
Title : VOA 8260- 5ML Soil Calibration 5973B
Last Update : Fri Sep 28 14:17:27 2007
Response via : Initial Calibration
DataAcq Meth : 8260

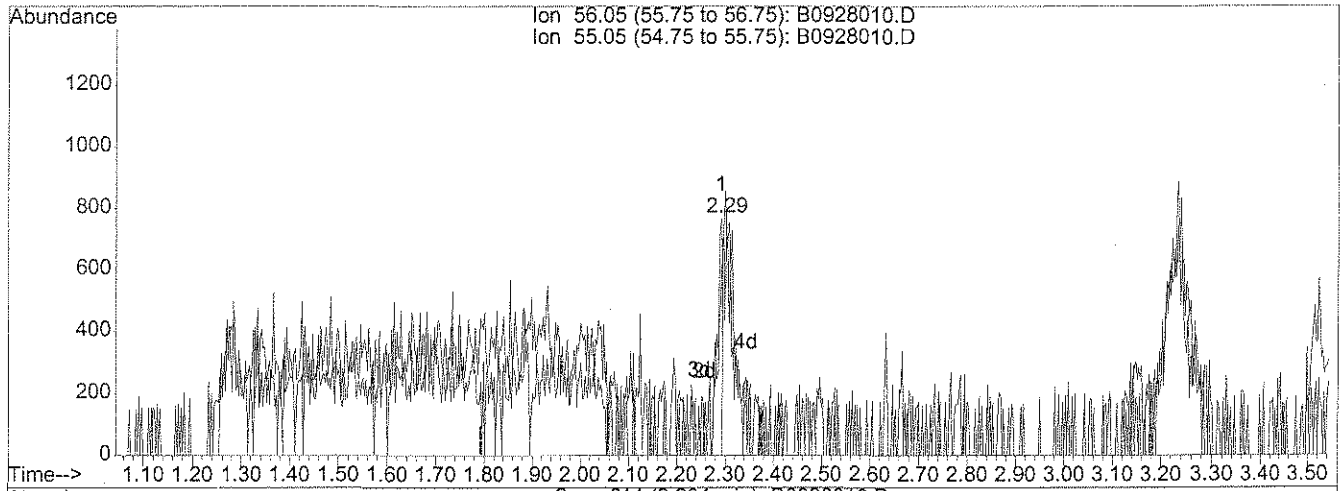
	Compound	R.T.	QIon	Response	Conc Unit		Qvalue
68)	Ethylbenzene	9.49	91	54609	3.00 ug/l		99
69)	m,p-Xylene	9.60	106	44226	6.09 ug/l		99
70)	o-xylene	10.00	106	23887	3.20 ug/l		93
71)	Styrene	10.02	104	41265	3.14 ug/l		90
72)	Bromoform	10.24	173	10682	3.14 ug/l		99
73)	Isopropylbenzene	10.36	105	53610	3.17 ug/l		99
75)	trans-1,4-Dichloro-2-buten	10.50	53	5405	2.96 ug/l	#	73
77)	Bromobenzene	10.68	156	19497	3.04 ug/l		90
78)	1,1,2,2-Tetrachloroethane	10.74	83	18734	3.03 ug/l		96
79)	1,2,3-Trichloropropane	10.77	110	5487	3.03 ug/l	#	60
80)	n-Propylbenzene	10.77	120	16848	2.98 ug/l	#	89
81)	2-Chlorotoluene	10.86	91	44994	3.01 ug/l		99
82)	4-Chlorotoluene	10.97	91	51476	2.99 ug/l		95
83)	1,3,5-Trimethylbenzene	10.94	105	54290	3.03 ug/l		98
84)	tert-Butylbenzene	11.26	119	44411	2.98 ug/l		93
85)	1,2,4-Trimethylbenzene	11.31	105	55763	3.02 ug/l		98
86)	sec-butylbenzene	11.47	105	63169	2.96 ug/l		98
87)	1,3-Dichlorobenzene	11.60	146	35925	3.02 ug/l		99
88)	4-Isopropyltoluene	11.62	119	60089	3.03 ug/l		98
89)	1,4-Dichlorobenzene	11.60	146	35925	2.99 ug/l		98
90)	1,2-Dichlorobenzene	12.07	146	35358	3.09 ug/l		98
91)	n-Butylbenzene	12.03	91	53788	2.99 ug/l		99
92)	1,2-Dibromo-3-chloropropan	12.87	75	3856	3.27 ug/l		83
93)	1,2,4-Trichlorobenzene	13.65	180	27578	3.11 ug/l		98
94)	Hexachlorobutadiene	13.79	225	15124	3.15 ug/l		97
95)	Naphthalene	13.89	128	59989	3.79 ug/l		98
96)	1,2,3-Trichlorobenzene	14.14	180	25800	3.14 ug/l		100

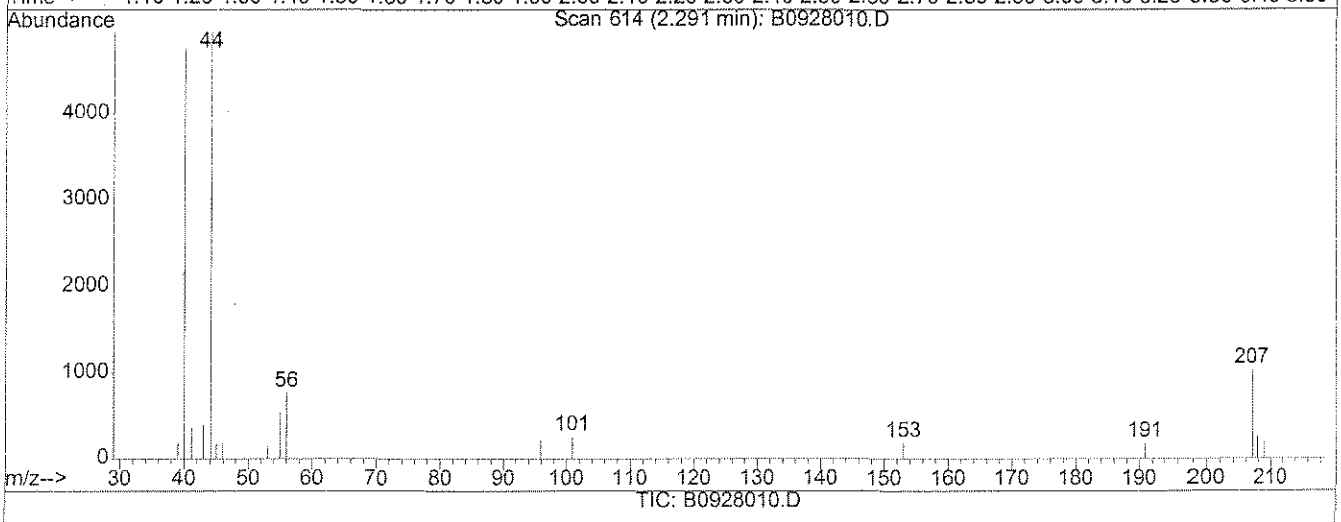
(#) = qualifier out of range (m) = manual integration

Quantitation Report (Qedit)

Data File : X:\MSVOA\BUDDHA\092807\B0928010.D Vial: 2
Acq On : 28 Sep 2007 11:37 Operator: LPM
Sample : VSTD003 Inst : Buddha
Misc : 5ML+STD(MV8-42-18)+IS/SS+SS Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Sep 28 14:23 2007 Quant Results File: temp.res

Method : X:\MSVOA\BUDDHA\QUANT\B8260S.M (RTE Integrator)
Title : VOA 8260- 5ML Soil Calibration 5973B
Last Update : Fri Sep 28 14:17:27 2007
Response via : Multiple Level Calibration





TIC: B0928010.D

(8) Acrolein (T)

2.29min 1.67ug/l

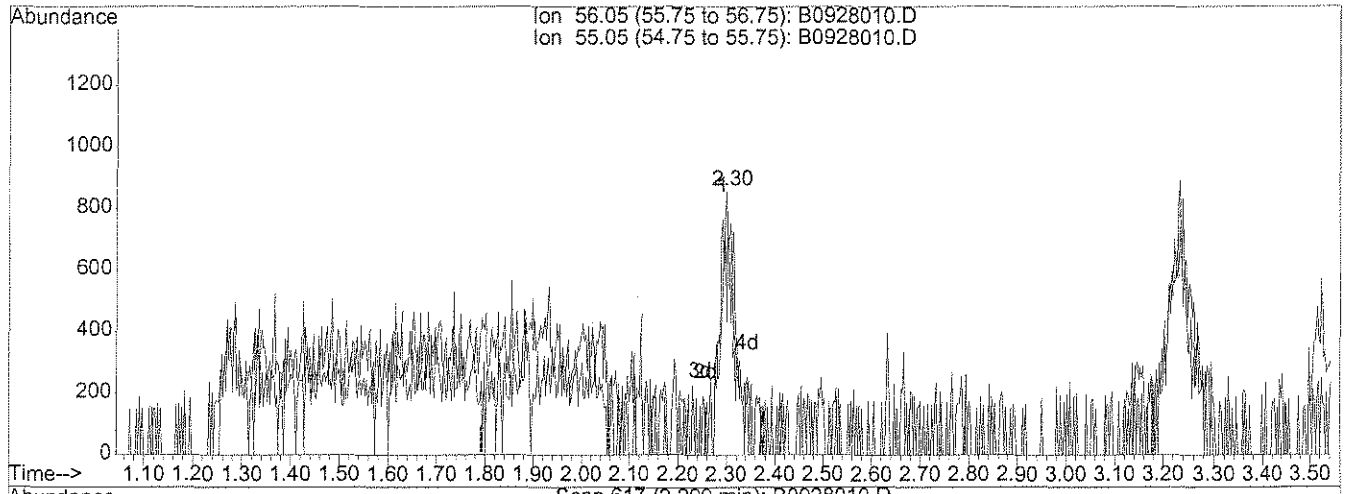
response 551

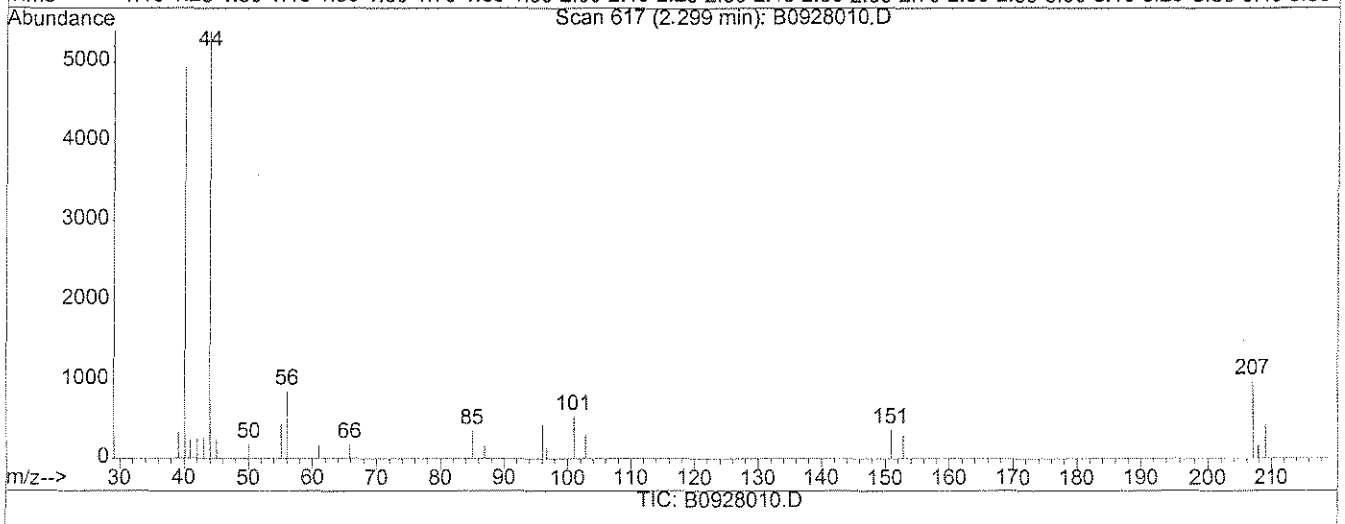
Ion	Exp%	Act%
56.05	100	100
55.05	73.90	48.46#
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data File : X:\MSVOA\BUDDHA\092807\B0928010.D Vial: 2
Acq On : 28 Sep 2007 11:37 Operator: LPM
Sample : VSTD003 Inst : Buddha
Misc : 5ML+STD(MV8-42-18)+IS/SS+SS Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Sep 28 14:17 2007 Quant Results File: temp.res

Method : X:\MSVOA\BUDDHA\QUANT\B8260S.M (RTE Integrator)
Title : VOA 8260- 5ML Soil Calibration 5973B
Last Update : Fri Sep 28 14:17:27 2007
Response via : Multiple Level Calibration





TIC: B0928010.D

(8) Acrolein (T)

2.30min 5.38ug/l m

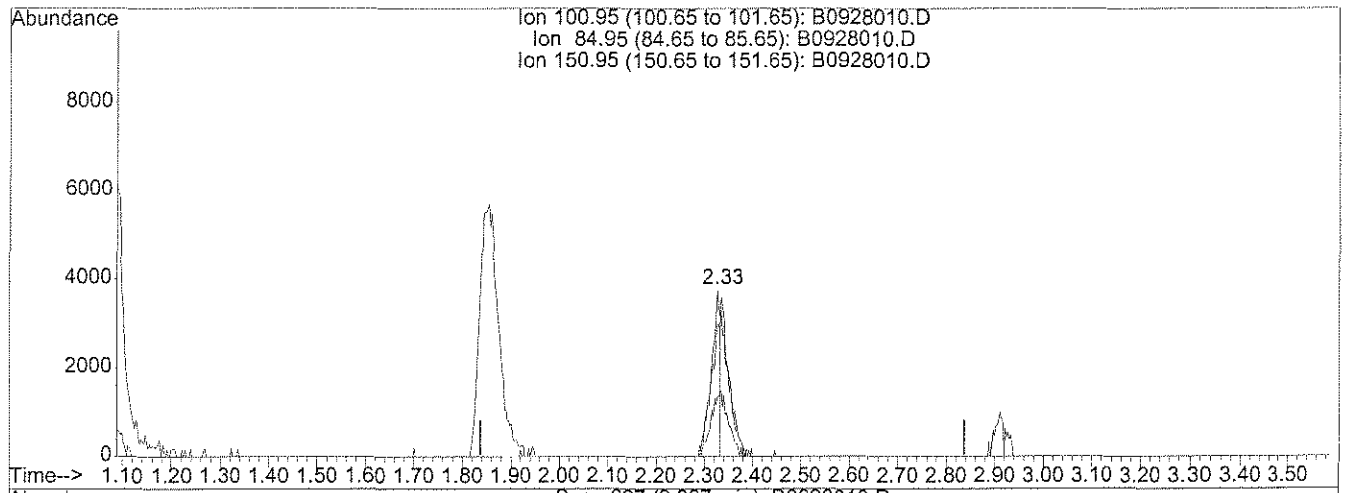
response 1775

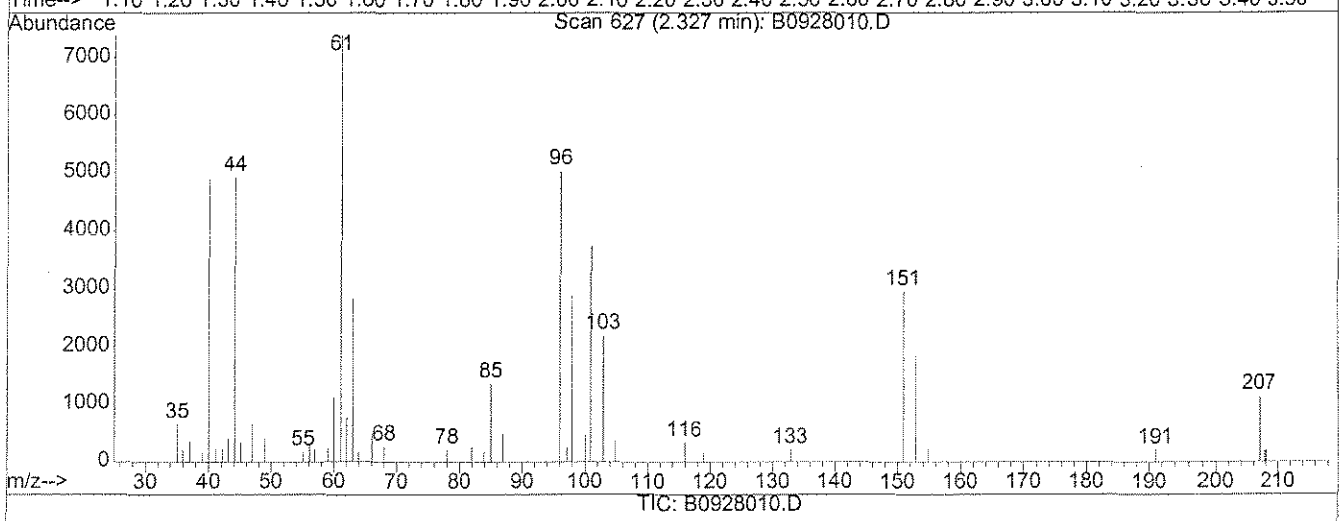
Ion	Exp%	Act%
56.05	100	100
55.05	73.90	15.04#
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data File : X:\MSVOA\BUDDHA\092807\B0928010.D Vial: 2
Acq On : 28 Sep 2007 11:37 Operator: LPM
Sample : VSTD003 Inst : Buddha
Misc : 5ML+STD(MV8-42-18)+IS/SS+SS Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Sep 28 14:17 2007 Quant Results File: temp.res

Method : X:\MSVOA\BUDDHA\QUANT\B8260S.M (RTE Integrator)
Title : VOA 8260- 5ML Soil Calibration 5973B
Last Update : Fri Sep 28 14:17:27 2007
Response via : Multiple Level Calibration





(10) 1,1,2-Trichloro-1,2,2-trifluoroethane (T)

2.33min 1.62ug/l

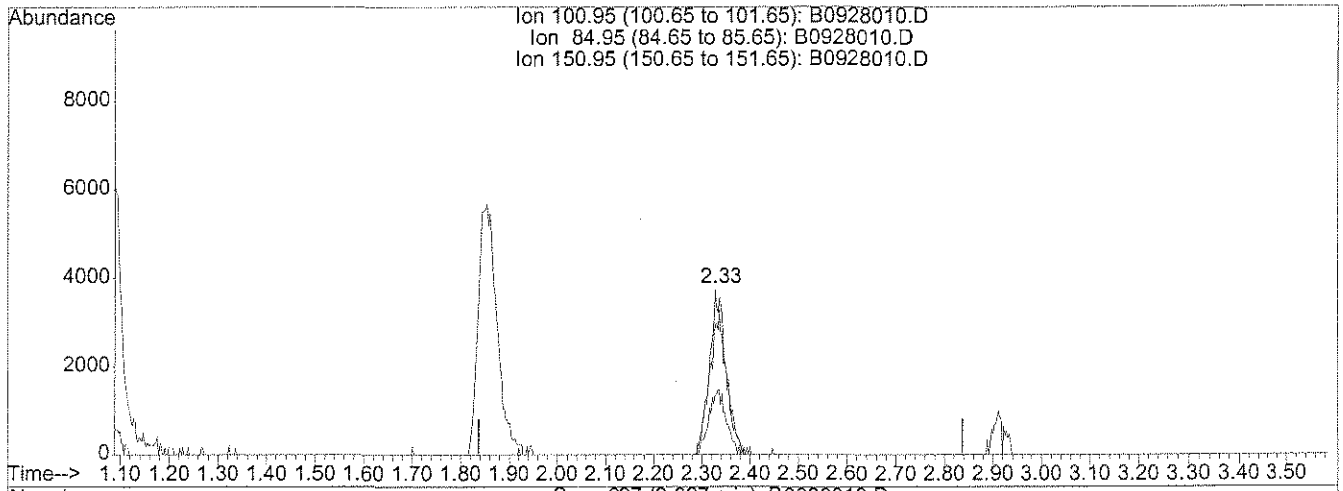
response 4647

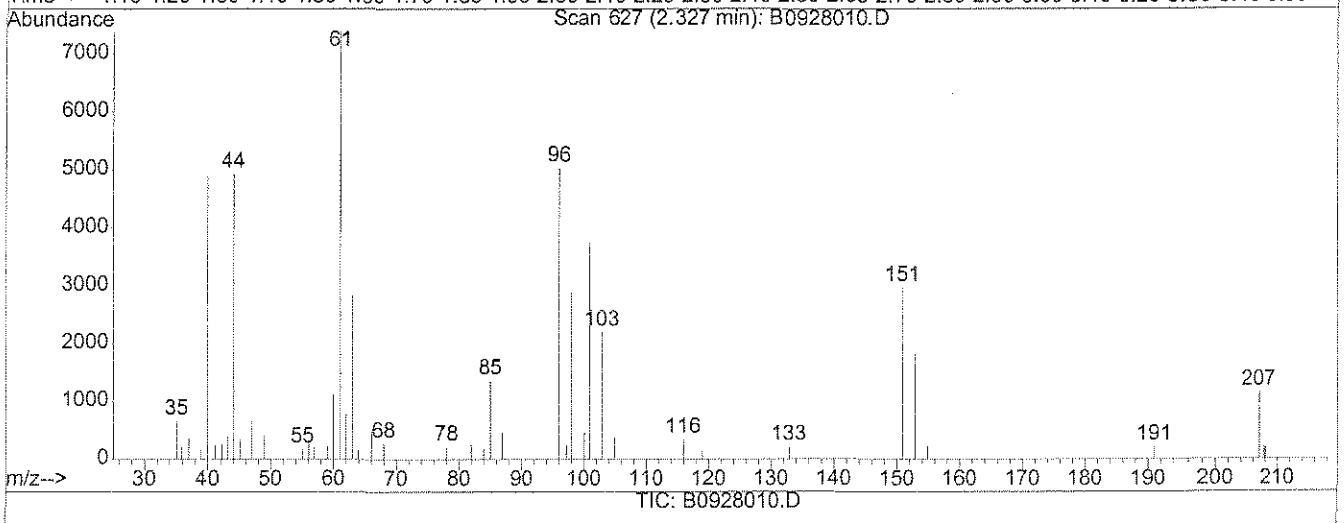
ion	Exp%	Act%
100.95	100	100
84.95	38.50	78.16#
150.95	88.20	174.07#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data File : X:\MSVOA\BUDDHA\092807\B0928010.D Vial: 2
Acq On : 28 Sep 2007 11:37 Operator: LPM
Sample : VSTD003 Inst : Buddha
Misc : 5ML+STD(MV8-42-18)+IS/SS+SS Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Sep 28 14:18 2007 Quant Results File: temp.res

Method : X:\MSVOA\BUDDHA\QUANT\B8260S.M (RTE Integrator)
Title : VOA 8260- 5ML Soil Calibration 5973B
Last Update : Fri Sep 28 14:17:27 2007
Response via : Multiple Level Calibration





(10) 1,1,2-Trichloro-1,2,2-trifluoroethane (T)

2.33min 3.12ug/l m

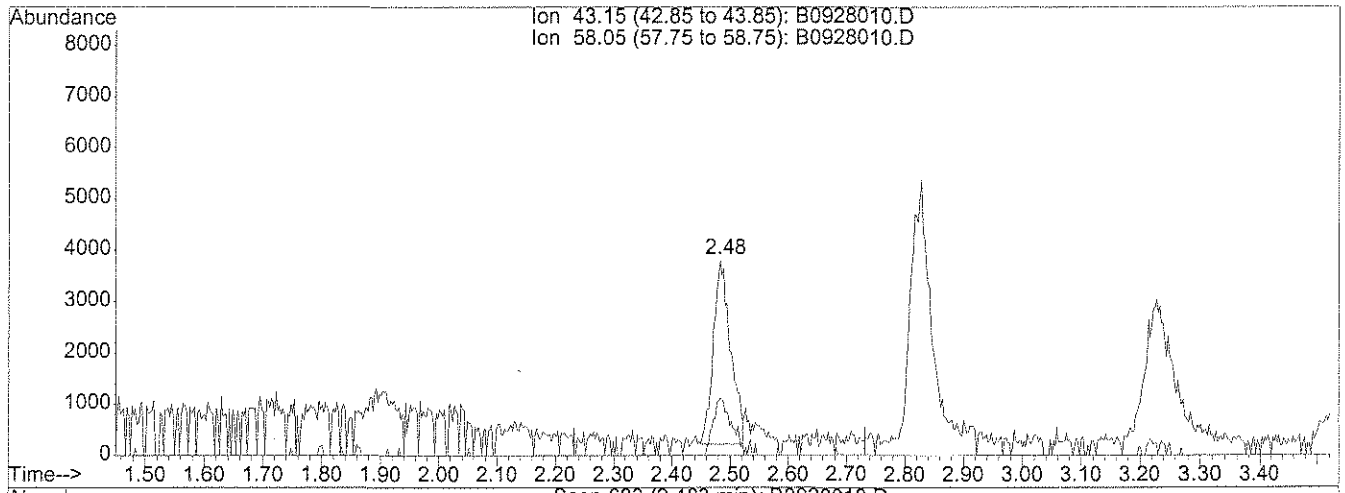
response 8970

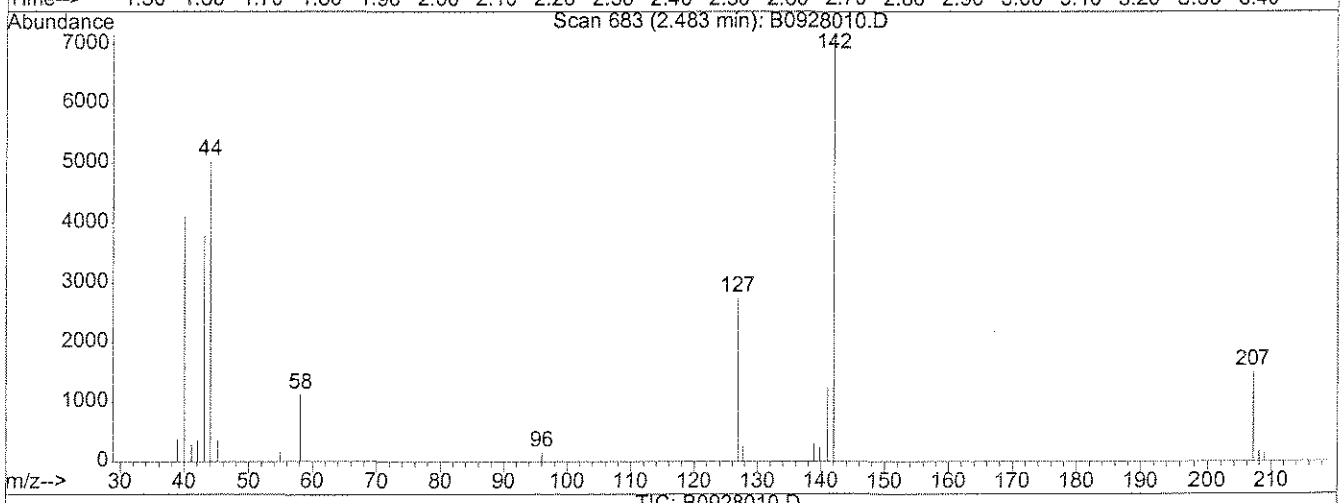
Ion	Exp%	Act%
100.95	100	100
84.95	38.50	40.49
150.95	88.20	90.18
0.00	0.00	0.00

Quantitation Report (Qedit)

Data File : X:\MSVOA\BUDDHA\092807\B0928010.D Vial: 2
Acq On : 28 Sep 2007 11:37 Operator: LPM
Sample : VSTD003 Inst : Buddha
Misc : 5ML+STD(MV8-42-18)+IS/SS+SS Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Sep 28 14:31 2007 Quant Results File: temp.res

Method : X:\MSVOA\BUDDHA\QUANT\B8260S.M (RTE Integrator)
Title : VOA 8260- 5ML Soil Calibration 5973B
Last Update : Fri Sep 28 14:32:04 2007
Response via : Multiple Level Calibration





TIC: B0928010.D

(11) Acetone (T)

2.48min 4.90ug/l

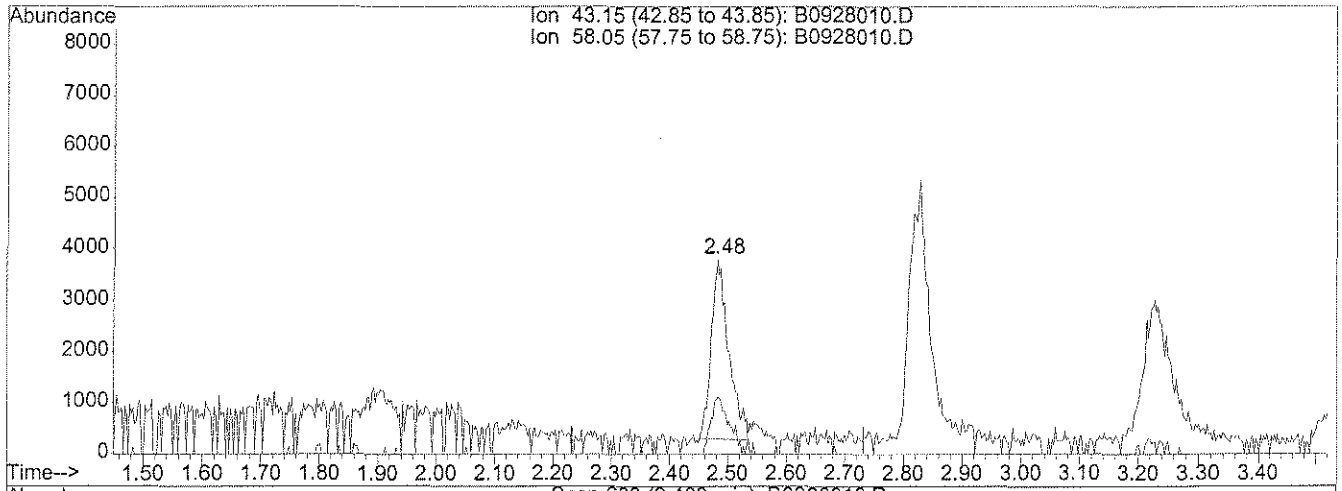
response 7403

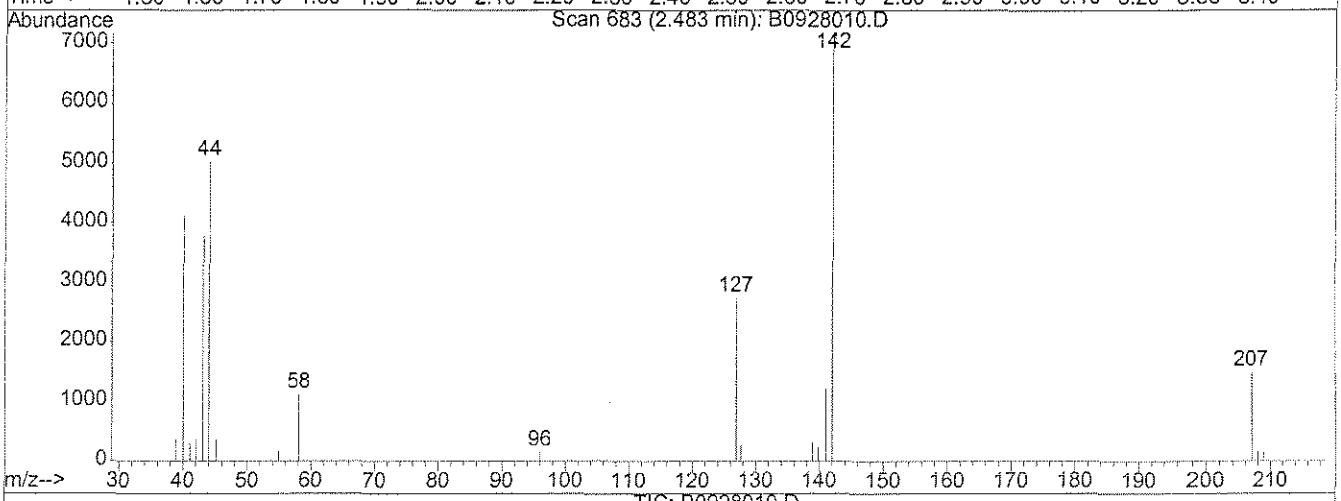
Ion	Exp%	Act%
43.15	100	100
58.05	27.50	33.50#
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data File : X:\MSVOA\BUDDHA\092807\B0928010.D Vial: 2
Acq On : 28 Sep 2007 11:37 Operator: LPM
Sample : VSTD003 Inst : Buddha
Misc : 5ML+STD(MV8-42-18)+IS/SS+SS Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Sep 28 16:28 2007 Quant Results File: temp.res

Method : X:\MSVOA\BUDDHA\QUANT\B8260S.M (RTE Integrator)
Title : VOA 8260- 5ML Soil Calibration 5973B
Last Update : Fri Sep 28 14:32:04 2007
Response via : Multiple Level Calibration





TIC: B0928010.D

(11) Acetone (T)

2.48min 4.89ug/l m

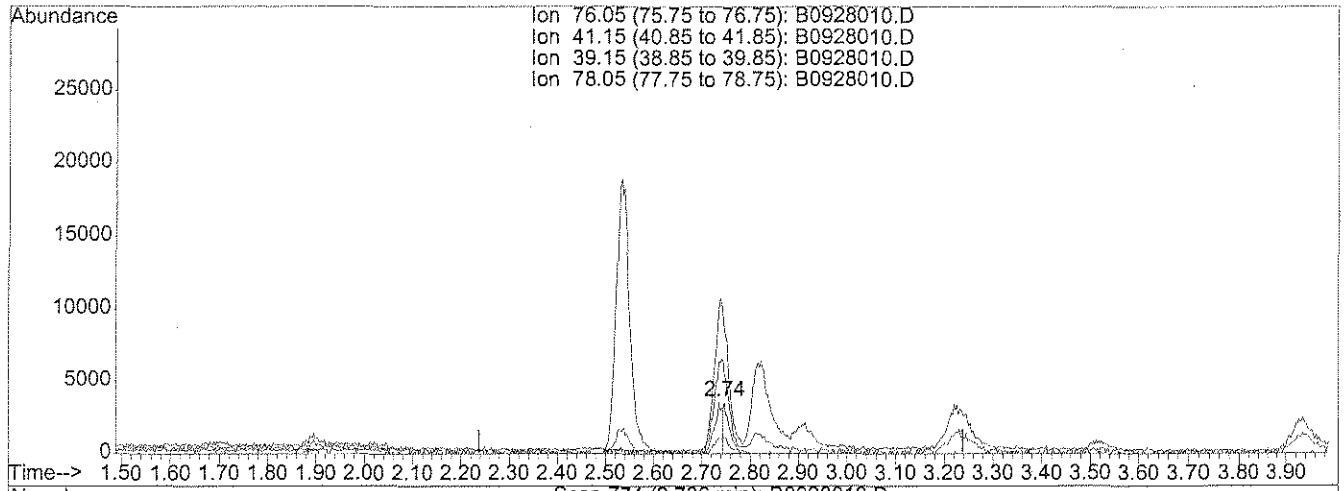
response 7379

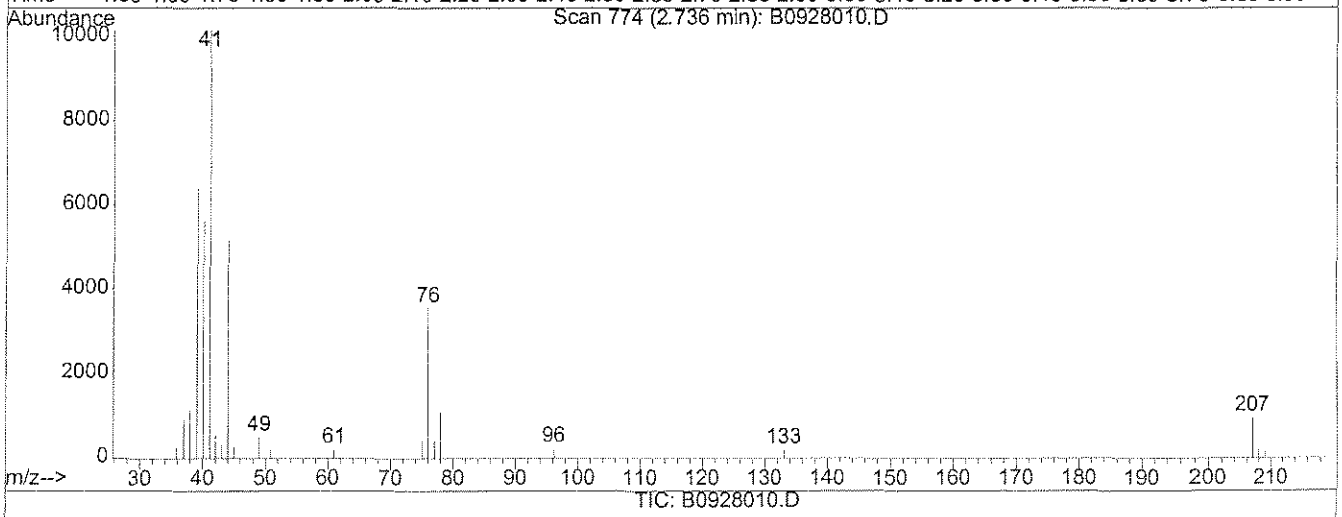
Ion	Exp%	Act%
43.15	100	100
58.05	27.50	33.61#
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data File : X:\MSVOA\BUDDHA\092807\B0928010.D Vial: 2
Acq On : 28 Sep 2007 11:37 Operator: LPM
Sample : VSTD003 Inst : Buddha
Misc : 5ML+STD(MV8-42-18)+IS/SS+SS Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Sep 28 14:18 2007 Quant Results File: temp.res

Method : X:\MSVOA\BUDDHA\QUANT\B8260S.M (RTE Integrator)
Title : VOA 8260- 5ML Soil Calibration 5973B
Last Update : Fri Sep 28 14:17:27 2007
Response via : Multiple Level Calibration





(15) Allyl chloride (T)

2.74min 1.94ug/l

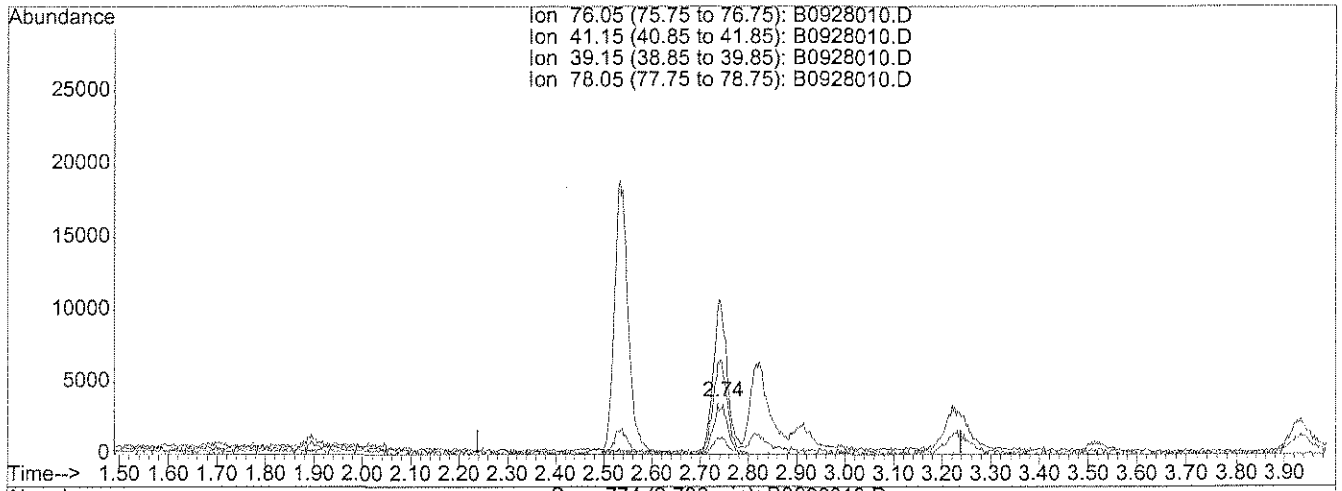
response 4204

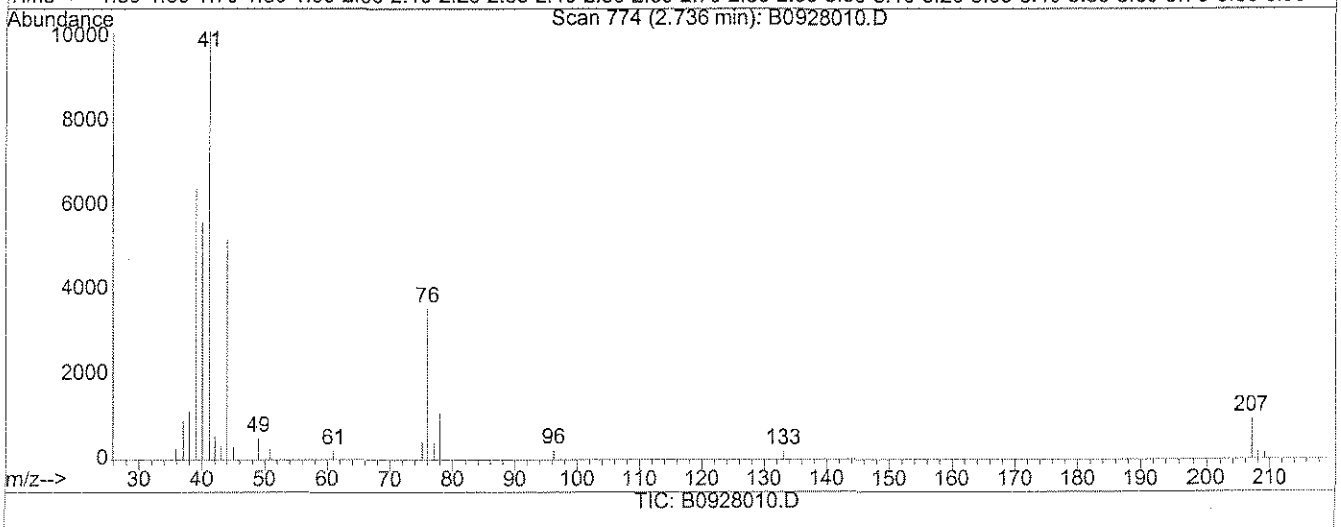
Ion	Exp%	Act%
76.05	100	100
41.15	279.80	496.31#
39.15	174.70	327.85#
78.05	31.40	30.14

Quantitation Report (Qedit)

Data File : X:\MSVOA\BUDDHA\092807\B0928010.D Vial: 2
Acq On : 28 Sep 2007 11:37 Operator: LPM
Sample : VSTD003 Inst : Buddha
Misc : 5ML+STD(MV8-42-18)+IS/SS+SS Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Sep 28 14:18 2007 Quant Results File: temp.res

Method : X:\MSVOA\BUDDHA\QUANT\B8260S.M (RTE Integrator)
Title : VOA 8260- 5ML Soil Calibration 5973B
Last Update : Fri Sep 28 14:17:27 2007
Response via : Multiple Level Calibration





TIC: B0928010.D

(15) Allyl chloride (T)

2.74min 3.33ug/l m

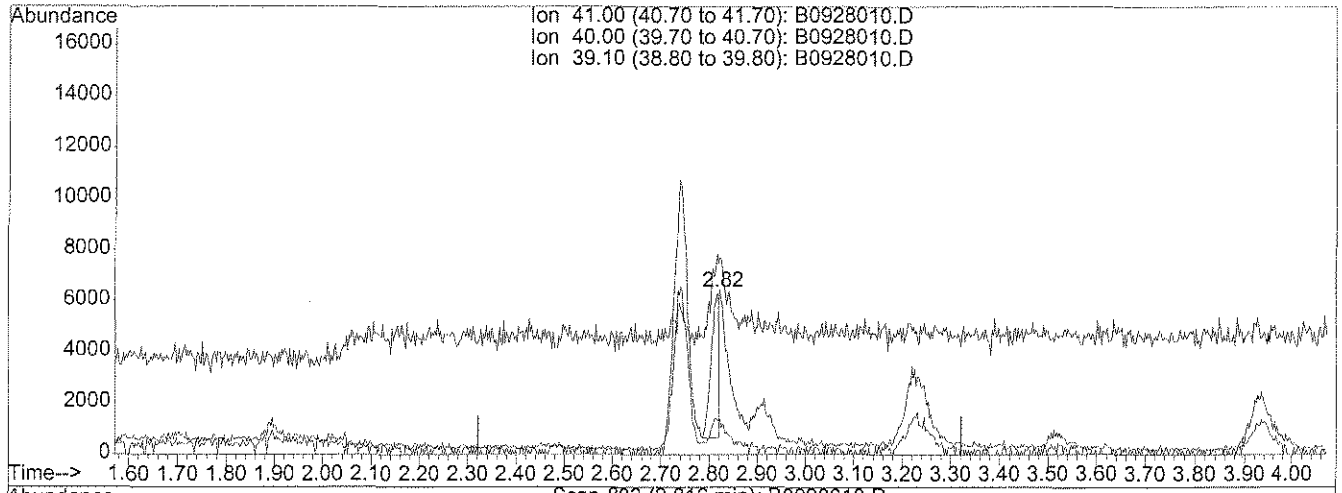
response 7232

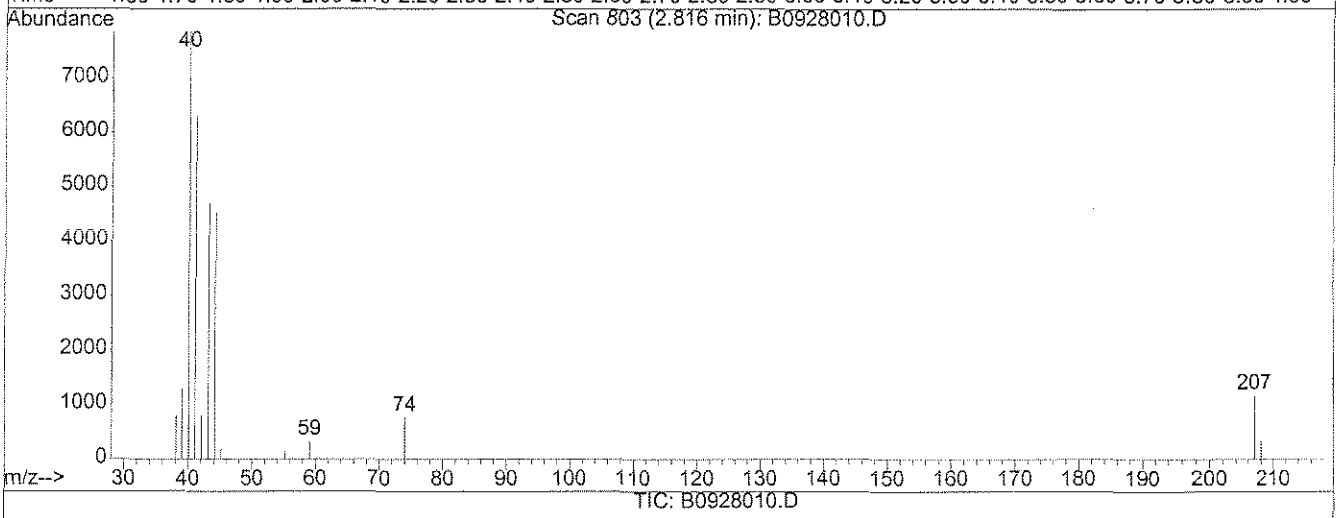
Ion	Exp%	Act%
76.05	100	100
41.15	279.80	288.51
39.15	174.70	190.58
78.05	31.40	17.52#

Quantitation Report (Qedit)

Data File : X:\MSVOA\BUDDHA\092807\B0928010.D Vial: 2
Acq On : 28 Sep 2007 11:37 Operator: LPM
Sample : VSTD003 Inst : Buddha
Misc : 5ML+STD(MV8-42-18)+IS/SS+SS Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Sep 28 14:18 2007 Quant Results File: temp.res

Method : X:\MSVOA\BUDDHA\QUANT\B8260S.M (RTE Integrator)
Title : VOA 8260- 5ML Soil Calibration 5973B
Last Update : Fri Sep 28 14:17:27 2007
Response via : Multiple Level Calibration





TIC: B0928010.D

(16) Acetonitrile

2.82min 14.97ug/l

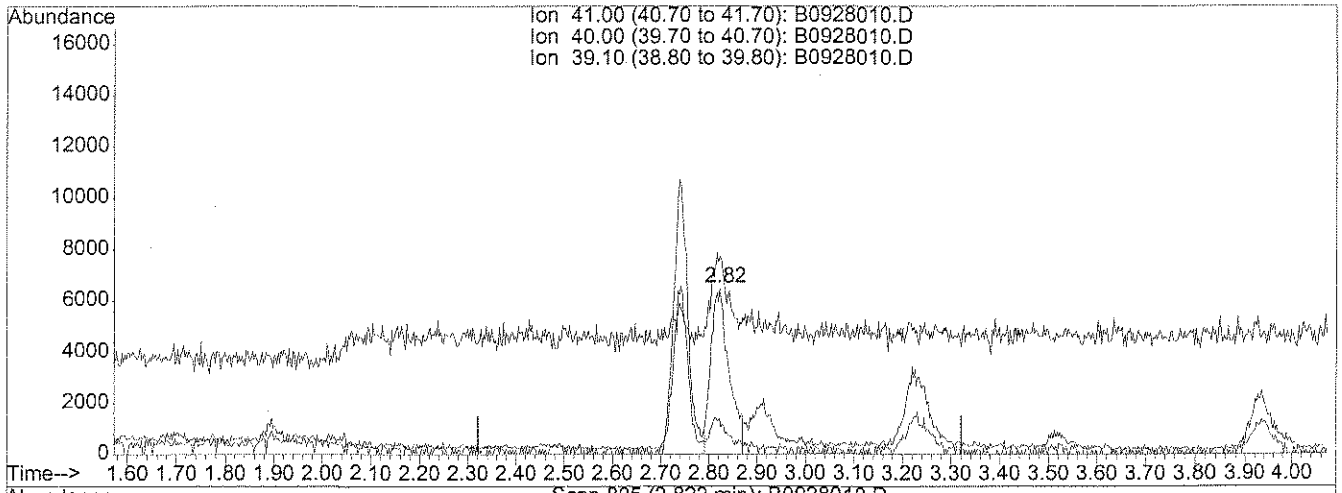
response 6178

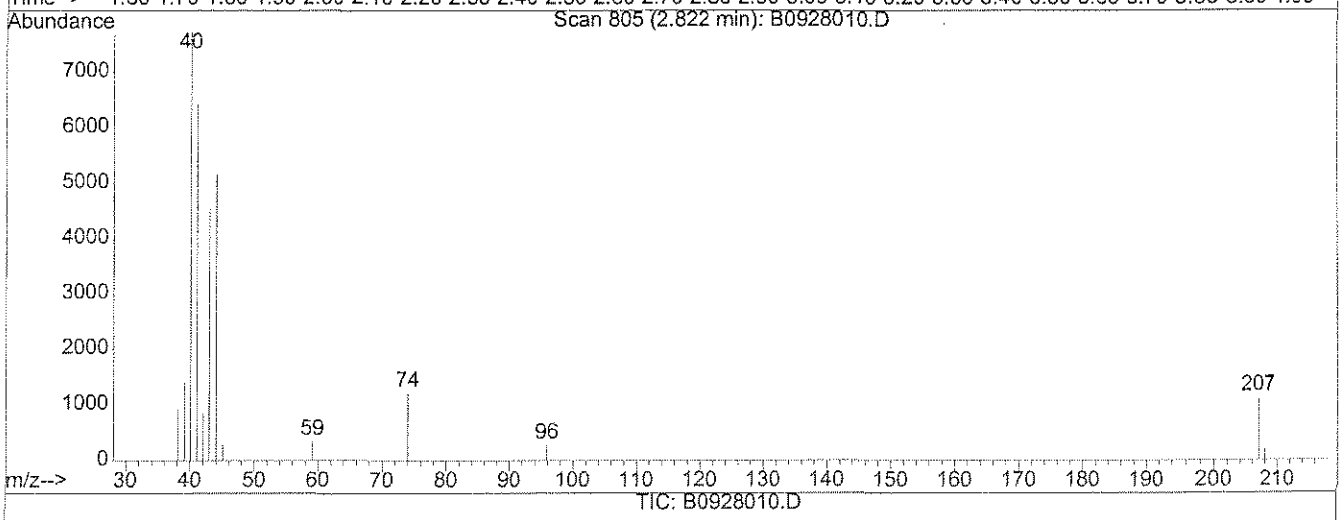
Ion	Exp%	Act%
41.00	100	100
40.00	52.50	94.76#
39.10	19.90	37.42#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data File : X:\MSVOA\BUDDHA\092807\B0928010.D Vial: 2
Acq On : 28 Sep 2007 11:37 Operator: LPM
Sample : VSTD003 Inst : Buddha
Misc : 5ML+STD(MV8-42-18)+IS/SS+SS Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Sep 28 14:18 2007 Quant Results File: temp.res

Method : X:\MSVOA\BUDDHA\QUANT\B8260S.M (RTE Integrator)
Title : VOA 8260- 5ML Soil Calibration 5973B
Last Update : Fri Sep 28 14:17:27 2007
Response via : Multiple Level Calibration





TIC: B0928010.D

(16) Acetonitrile

2.82min 40.69ug/l m

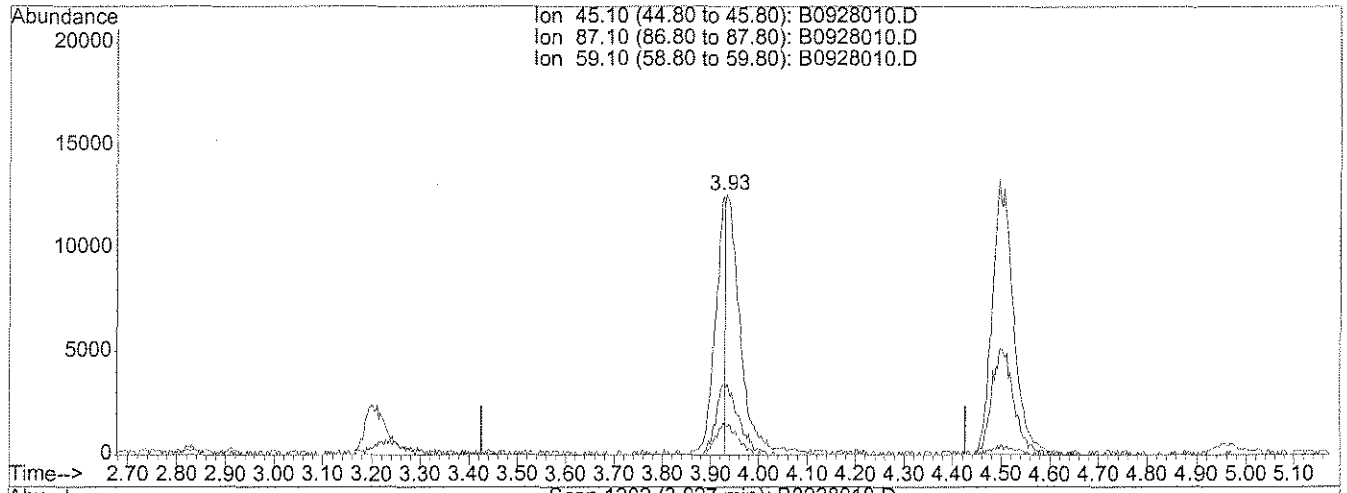
response 16796

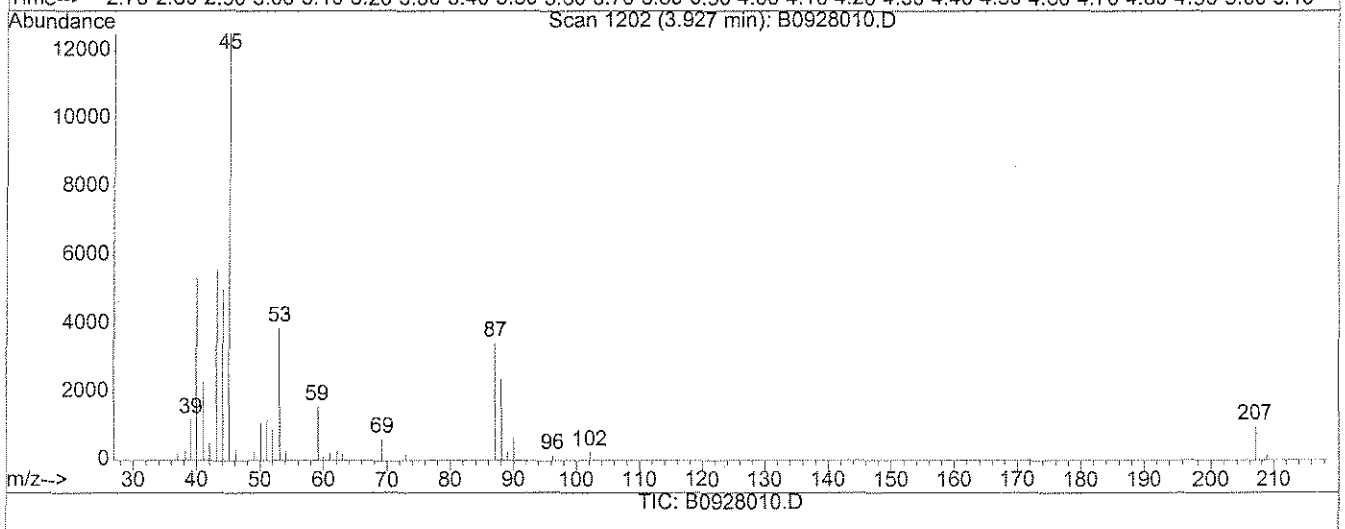
Ion	Exp%	Act%
41.00	100	100
40.00	52.50	34.85#
39.10	19.90	13.77#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data File : X:\MSVOA\BUDDHA\092807\B0928010.D Vial: 2
Acq On : 28 Sep 2007 11:37 Operator: LPM
Sample : VSTD003 Inst : Buddha
Misc : 5ML+STD(MV8-42-18)+IS/SS+SS Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Sep 28 14:18 2007 Quant Results File: temp.res

Method : X:\MSVOA\BUDDHA\QUANT\B8260S.M (RTE Integrator)
Title : VOA 8260- 5ML Soil Calibration 5973B
Last Update : Fri Sep 28 14:17:27 2007
Response via : Multiple Level Calibration





(25) Isopropyl ether

3.93min 1.31ug/l

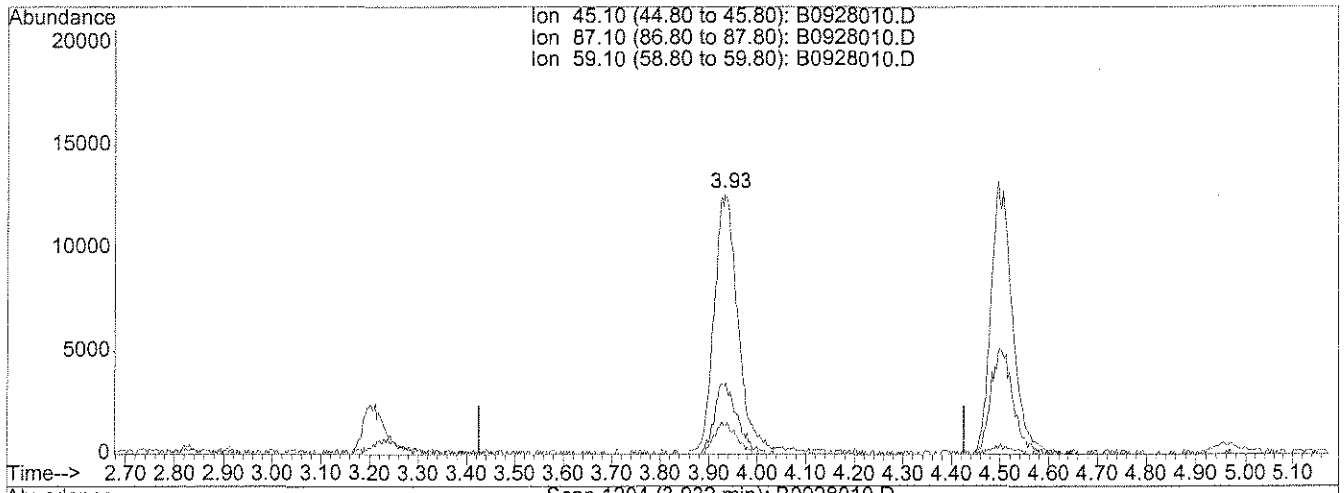
response 18212

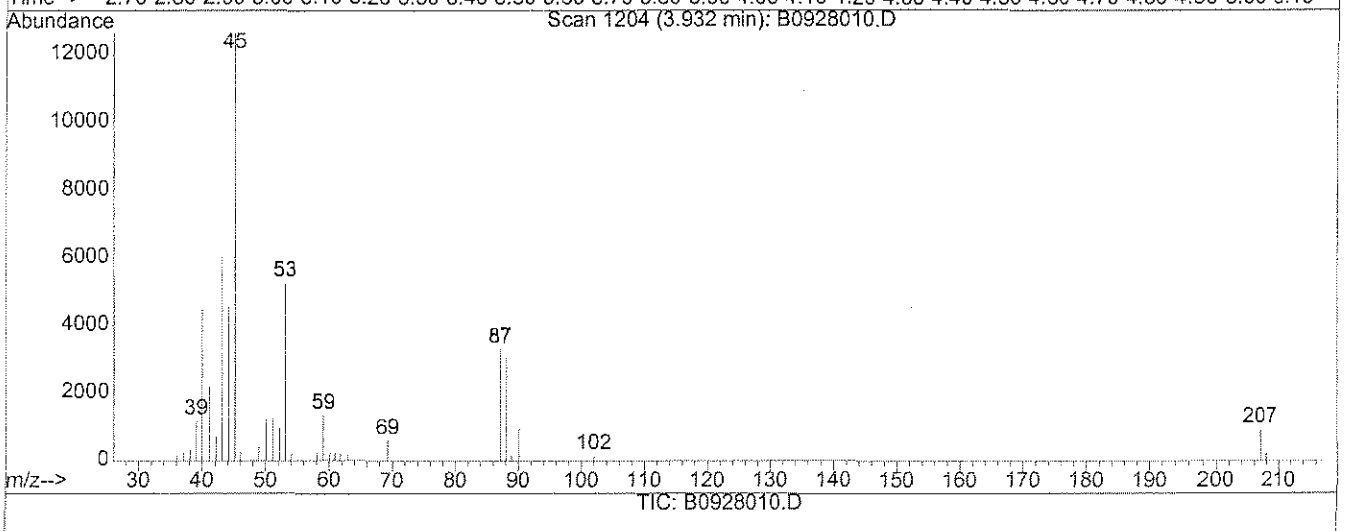
Ion	Exp%	Act%
45.10	100	100
87.10	27.90	61.06#
59.10	10.90	12.68
0.00	0.00	0.00

Quantitation Report (Qedit)

Data File : X:\MSVOA\BUDDHA\092807\B0928010.D Vial: 2
Acq On : 28 Sep 2007 11:37 Operator: LPM
Sample : VSTD003 Inst : Buddha
Misc : 5ML+STD(MV8-42-18)+IS/SS+SS Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Sep 28 14:18 2007 Quant Results File: temp.res

Method : X:\MSVOA\BUDDHA\QUANT\B8260S.M (RTE Integrator)
Title : VOA 8260- 5ML Soil Calibration 5973B
Last Update : Fri Sep 28 14:17:27 2007
Response via : Multiple Level Calibration





TIC: B0928010.D

(25) Isopropyl ether

3.93min 3.20ug/l m

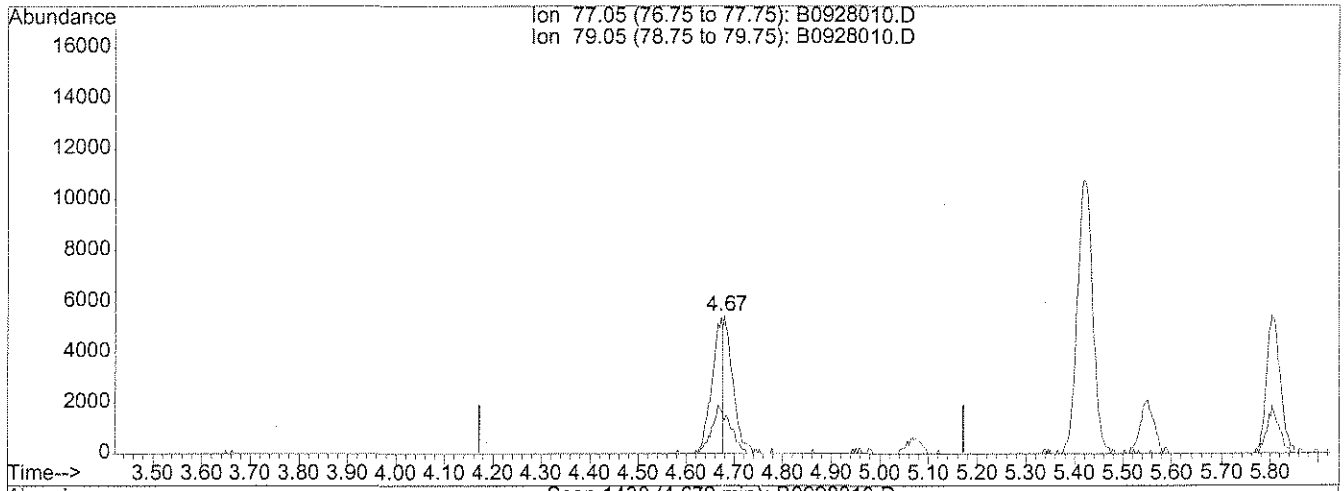
response 44297

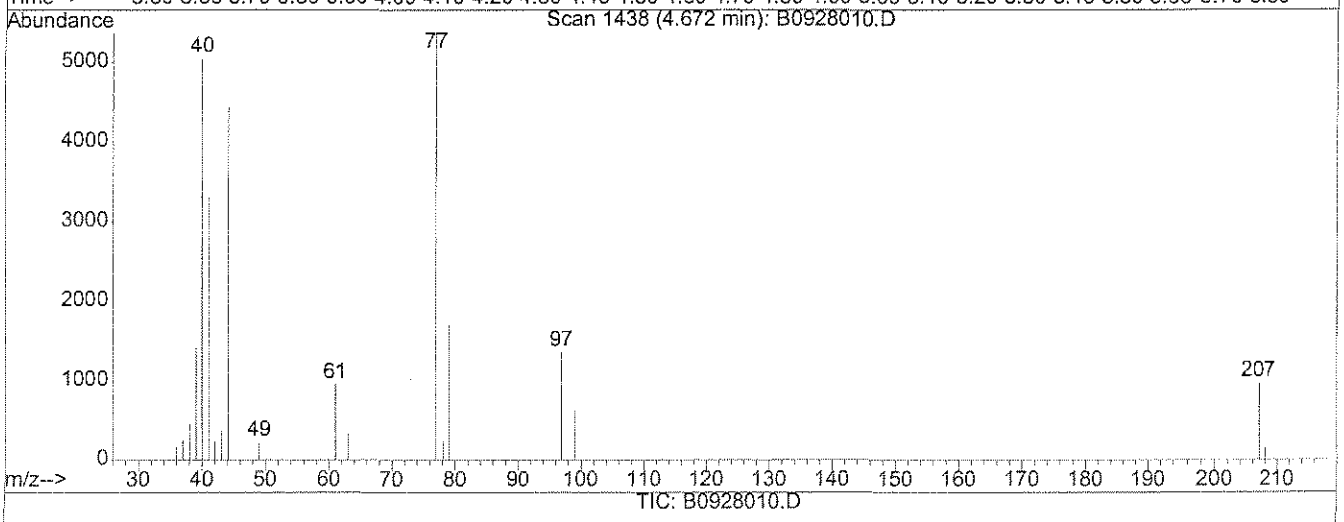
Ion	Exp%	Act%
45.10	100	100
87.10	27.90	25.11
59.10	10.90	5.21#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data File : X:\MSVOA\BUDDHA\092807\B0928010.D Vial: 2
Acq On : 28 Sep 2007 11:37 Operator: LPM
Sample : VSTD003 Inst : Buddha
Misc : 5ML+STD(MV8-42-18)+IS/SS+SS Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Sep 28 14:18 2007 Quant Results File: temp.res

Method : X:\MSVOA\BUDDHA\QUANT\B8260S.M (RTE Integrator)
Title : VOA 8260- 5ML Soil Calibration 5973B
Last Update : Fri Sep 28 14:17:27 2007
Response via : Multiple Level Calibration





TIC: B0928010.D

(28) 2,2-Dichloropropane (T)

4.67min 1.75ug/l

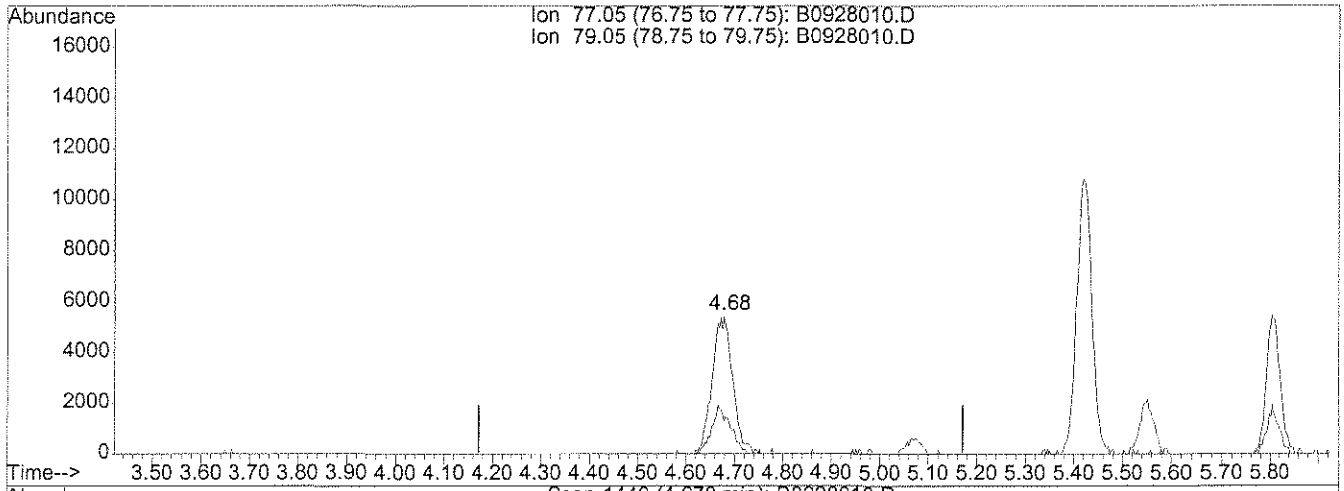
response 8425

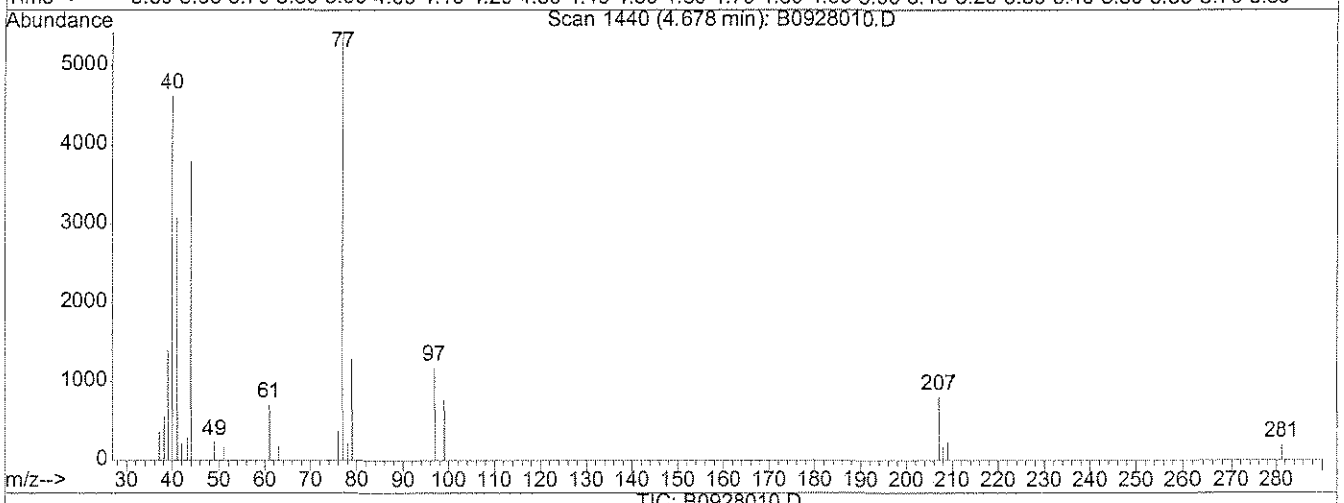
Ion	Exp%	Act%
77.05	100	100
79.05	31.20	37.22
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data File : X:\MSVOA\BUDDHA\092807\B0928010.D Vial: 2
Acq On : 28 Sep 2007 11:37 Operator: LPM
Sample : VSTD003 Inst : Buddha
Misc : 5ML+STD(MV8-42-18)+IS/SS+SS Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Sep 28 14:18 2007 Quant Results File: temp.res

Method : X:\MSVOA\BUDDHA\QUANT\B8260S.M (RTE Integrator)
Title : VOA 8260- 5ML Soil Calibration 5973B
Last Update : Fri Sep 28 14:17:27 2007
Response via : Multiple Level Calibration





TIC: B0928010.D

(28) 2,2-Dichloropropane (T)

4.68min 3.31ug/l m

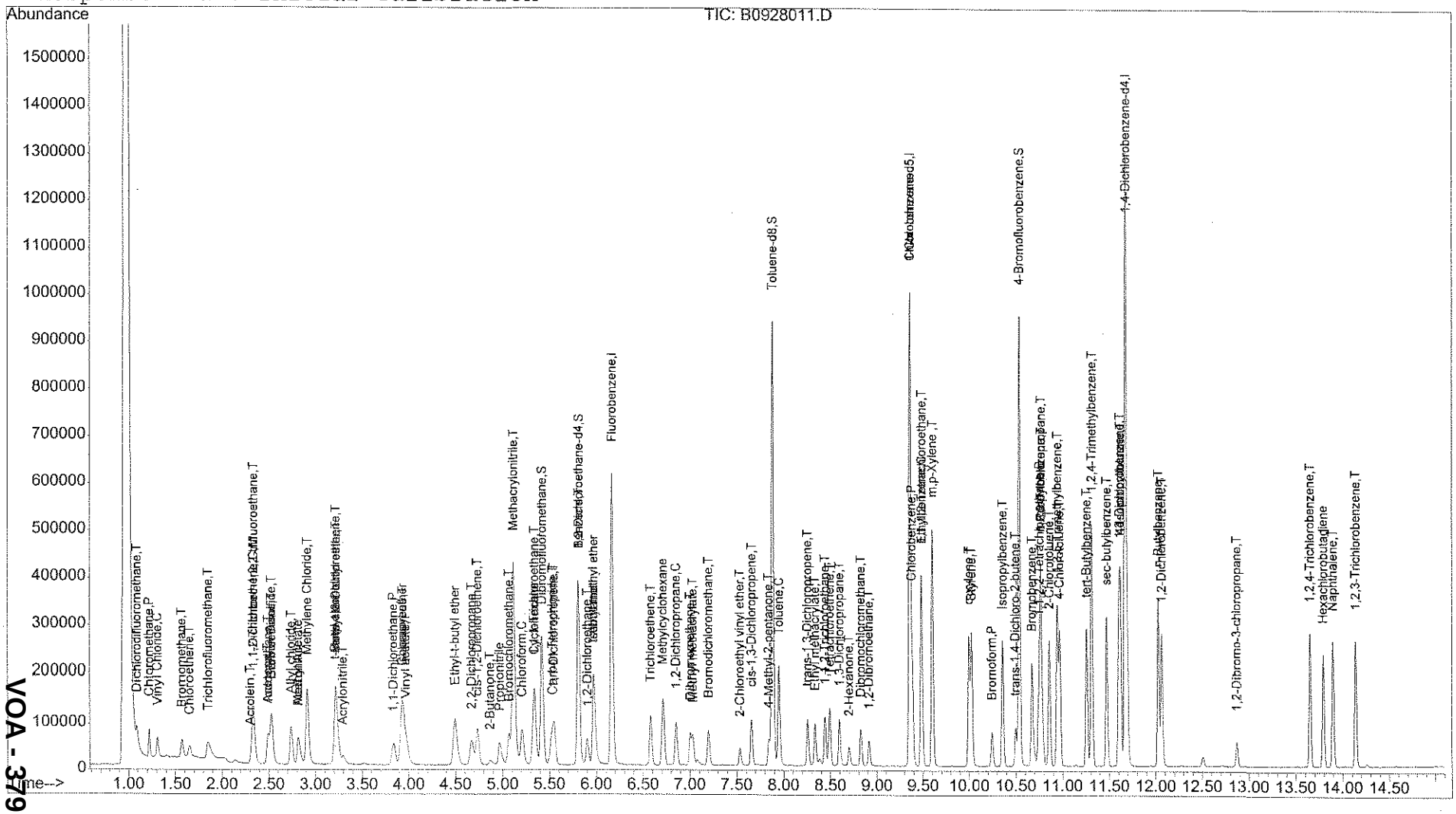
response 15942

Ion	Exp%	Act%
77.05	100	100
79.05	31.20	19.67#
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report

Data File : X:\MSVOA\BUDDHA\092807\B0928011.D Vial: 2
Acq On : 28 Sep 2007 12:04 Operator: LPM
Sample : VSTD010 Inst : Buddha
Misc : 5ML+IS/SS(MV8-42-9)+SS+STD Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Sep 28 16:29 2007 Quant Results File: B8260S.RES

Method : X:\MSVOA\BUDDHA\QUANT\B8260S.M (RTE Integrator)
Title : VOA 8260- 5ML Soil Calibration 5973B
Last Update : Mon Oct 01 10:17:13 2007
Response via : Initial Calibration



VOA - 379

Quantitation Report

Data File : X:\MSVOA\BUDDHA\092807\B0928011.D Vial: 2
Acq On : 28 Sep 2007 12:04 Operator: LPM
Sample : VSTD010 Inst : Buddha
Misc : 5ML+IS/SS(MV8-42-9)+SS+STD Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Sep 28 16:29 2007 Quant Results File: B8260S.RES

Quant Method : X:\MSVOA\BUDDHA\QUANT\B8260S.M (RTE Integrator)
Title : VOA 8260- 5ML Soil Calibration 5973B
Last Update : Fri Sep 28 14:19:25 2007
Response via : Initial Calibration
DataAcq Meth : 8260
IS QA File : X:\MSVOA\BUDDHA\092807\B0928013.D (28 Sep 2007 12:55)

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min) Rcv(Ar)
1) Fluorobenzene	6.17	96	578562	50.00 ug/l	0.00 92.55%
54) Chlorobenzene-d5	9.36	117	476696	50.00 ug/l	0.00 94.53%
74) 1,4-Dichlorobenzene-d4	11.67	152	325872	50.00 ug/l	0.00 98.36%

System Monitoring Compounds					
37) Dibromofluoromethane	5.42	111	186502	57.73 ug/l	0.00
Spiked Amount 50.000	Range 65 - 135		Recovery = 115.46%		
40) 1,2-Dichloroethane-d4	5.81	65	163879	55.54 ug/l	0.00
Spiked Amount 50.000	Range 52 - 149		Recovery = 111.08%		
55) Toluene-d8	7.88	98	589435	51.63 ug/l	0.00
Spiked Amount 50.000	Range 85 - 115		Recovery = 103.26%		
76) 4-Bromofluorobenzene	10.53	95	278353	52.81 ug/l	0.00
Spiked Amount 50.000	Range 85 - 120		Recovery = 105.62%		

Target Compounds					Qvalue
2) Dichlorodifluoromethane	1.09	85	26482	10.61 ug/l	98
3) Chloromethane	1.22	50	49780	11.64 ug/l	100
4) Vinyl Chloride	1.31	62	39449	10.89 ug/l	95
5) Bromomethane	1.57	96	25893	11.49 ug/l	99
6) Chloroethane	1.66	64	24924	11.13 ug/l	94
7) Trichlorofluoromethane	1.85	101	44426	10.50 ug/l #	97
8) Acrolein	2.29	56	3807	12.03 ug/l	99
9) 1,1-Dichloroethene	2.33	96	33495	10.39 ug/l	91
10) 1,1,2-Trichloro-1,2,2-trif	2.34	101	30734	11.18 ug/l	98
11) Acetone	2.48	43	16372m	11.33 ug/l	99
12) Iodomethane	2.49	142	70173	11.24 ug/l	98
13) Bromoethane	2.52	108	32641	10.61 ug/l	92
14) Carbon Disulfide	2.53	76	120038	11.22 ug/l	100
15) Allyl chloride	2.74	76	22571	10.84 ug/l	96
16) Acetonitrile	2.81	41	45779	115.84 ug/l	97
17) Methyl Acetate	2.82	43	36880	10.83 ug/l	98
18) Methylene Chloride	2.91	84	84709	11.40 ug/l	95
19) trans-1,2-Dichloroethene	3.21	96	41290	10.96 ug/l	92
20) t-Butyl alcohol	3.20	59	27355	57.32 ug/l #	1
21) Methyl tert-butyl ether	3.23	73	124593	10.75 ug/l	97
22) Acrylonitrile	3.30	53	12924	10.58 ug/l	95

(#) = qualifier out of range (m) = manual integration

Quantitation Report

Data File : X:\MSVOA\BUDDHA\092807\B0928011.D Vial: 2
Acq On : 28 Sep 2007 12:04 Operator: LPM
Sample : VSTD010 Inst : Buddha
Misc : 5ML+IS/SS(MV8-42-9)+SS+STD Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Sep 28 16:29 2007 Quant Results File: B8260S.RES

Quant Method : X:\MSVOA\BUDDHA\QUANT\B8260S.M (RTE Integrator)
Title : VOA 8260- 5ML Soil Calibration 5973B
Last Update : Fri Sep 28 14:19:25 2007
Response via : Initial Calibration
DataAcq Meth : 8260

Compound	R.T.	QIon	Response	Conc Unit	Qvalue
23) 1,1-Dichloroethane	3.84	63	67076	10.27 ug/l	96
24) Chloroprene	3.93	53	45528	10.18 ug/l	99
25) Isopropyl ether	3.93	45	138970	10.46 ug/l #	76
26) Vinyl acetate	3.97	43	97921	10.14 ug/l	99
27) Ethyl-t-butyl ether	4.50	59	130344	10.69 ug/l	97
28) 2,2-Dichloropropane	4.67	77	49298	10.70 ug/l	98
29) cis-1,2-Dichloroethene	4.74	96	43260	10.14 ug/l	93
30) 2-Butanone	4.86	43	19910	9.48 ug/l	99
31) Propionitrile	4.97	54	63193	109.35 ug/l	98
32) Bromochloromethane	5.07	128	22677	10.42 ug/l	99
33) Methacrylonitrile	5.11	41	260464	104.79 ug/l	95
34) Chloroform	5.21	83	65860	10.24 ug/l	99
35) 1,1,1-Trichloroethane	5.34	97	53051	10.51 ug/l	96
36) Cyclohexane	5.34	56	59225	10.67 ug/l	99
38) Carbon Tetrachloride	5.52	117	44272	10.05 ug/l	95
39) 1,1-Dichloropropene	5.55	75	43523	9.89 ug/l	93
41) Benzene	5.81	78	151872	10.02 ug/l	100
42) 1,2-Dichloroethane	5.90	62	46989	10.21 ug/l	98
43) t-Amyl methyl ether	5.97	73	125867	10.86 ug/l	98
44) Isobutanol	5.97	43	86205	211.55 ug/l #	79
45) Trichloroethene	6.58	130	37909	9.75 ug/l	97
46) Methylcyclohexane	6.72	83	60682	10.44 ug/l	98
47) 1,2-Dichloropropane	6.85	63	35597	9.97 ug/l	96
48) Dibromomethane	7.00	93	22642	10.43 ug/l	95
49) Methyl methacrylate	7.03	41	27438	9.06 ug/l #	90
50) Bromodichloromethane	7.20	83	47281	9.97 ug/l	97
51) 2-Chloroethyl vinyl ether	7.53	63	15120	12.42 ug/l	99
52) cis-1,3-Dichloropropene	7.66	75	54698	9.94 ug/l	99
53) 4-Methyl-2-pentanone	7.84	43	43390	10.89 ug/l	96
56) Toluene	7.95	92	84402	9.12 ug/l	97
57) trans-1,3-Dichloropropene	8.26	75	51125	9.34 ug/l	100
58) Ethyl methacrylate	8.34	69	42183	8.77 ug/l	94
59) 1,1,2-Trichloroethane	8.44	97	32240	9.60 ug/l	98
60) Tetrachloroethene	8.49	166	37552	9.30 ug/l	95
61) 1,3-Dichloropropane	8.60	76	52238	9.44 ug/l	97
62) 2-Hexanone	8.70	43	27350	10.99 ug/l #	91
63) Dibromochloromethane	8.83	129	38989	9.71 ug/l	97
64) 1,2-Dibromoethane	8.91	107	35082	9.92 ug/l	98
65) 1-Chlorohexane	9.36	91	37502	8.96 ug/l #	86
66) Chlorobenzene	9.39	112	105249	9.95 ug/l	97
67) 1,1,1,2-Tetrachloroethane	9.49	131	42235	10.23 ug/l	98

(#) = qualifier out of range (m) = manual integration

Quantitation Report

Data File : X:\MSVOA\BUDDHA\092807\B0928011.D Vial: 2
Acq On : 28 Sep 2007 12:04 Operator: LPM
Sample : VSTD010 Inst : Buddha
Misc : 5ML+IS/SS(MV8-42-9)+SS+STD Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Sep 28 16:29 2007 Quant Results File: B8260S.RES

Quant Method : X:\MSVOA\BUDDHA\QUANT\B8260S.M (RTE Integrator)
Title : VOA 8260- 5ML Soil Calibration 5973B
Last Update : Fri Sep 28 14:19:25 2007
Response via : Initial Calibration
DataAcq Meth : 8260

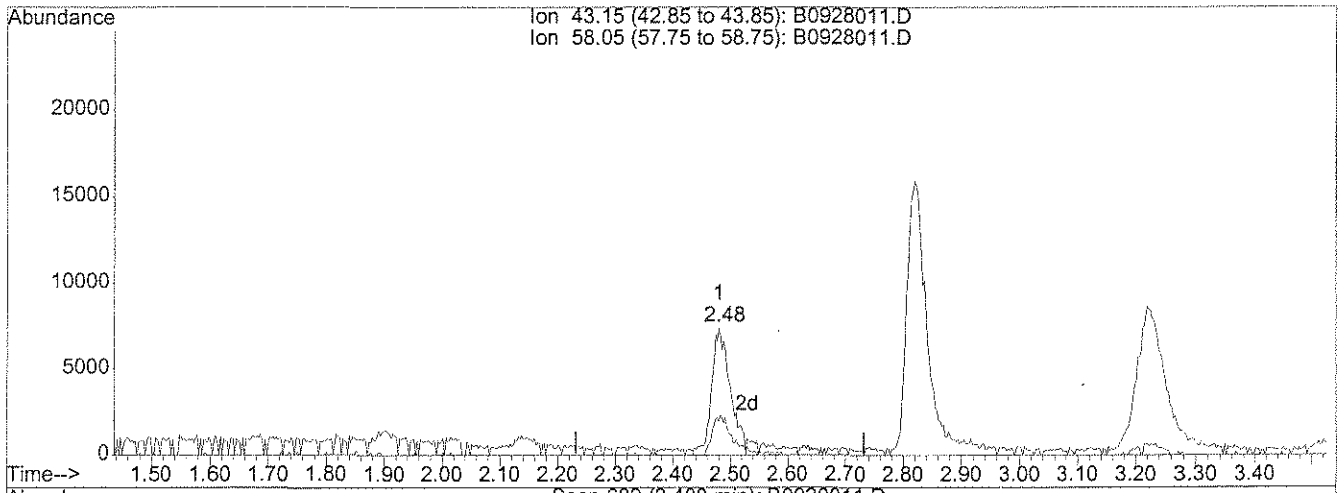
	Compound	R.T.	QIon	Response	Conc Unit		Qvalue
68)	Ethylbenzene	9.48	91	165833	9.64 ug/l		99
69)	m,p-Xylene	9.60	106	136836	19.92 ug/l		97
70)	o-xylene	10.00	106	71830	10.19 ug/l		97
71)	Styrene	10.02	104	131106	10.56 ug/l		99
72)	Bromoform	10.24	173	34289	10.66 ug/l		99
73)	Isopropylbenzene	10.36	105	167879	10.51 ug/l		99
75)	trans-1,4-Dichloro-2-buten	10.50	53	16440	9.14 ug/l		80
77)	Bromobenzene	10.67	156	60880	9.63 ug/l		90
78)	1,1,2,2-Tetrachloroethane	10.74	83	59759	9.81 ug/l		96
79)	1,2,3-Trichloropropane	10.77	110	17216	9.64 ug/l	#	61
80)	n-Propylbenzene	10.77	120	51097	9.19 ug/l	#	86
81)	2-Chlorotoluene	10.86	91	139298	9.47 ug/l		98
82)	4-Chlorotoluene	10.97	91	162298	9.59 ug/l		94
83)	1,3,5-Trimethylbenzene	10.94	105	172433	9.77 ug/l		98
84)	tert-Butylbenzene	11.26	119	142383	9.71 ug/l		95
85)	1,2,4-Trimethylbenzene	11.31	105	180339	9.93 ug/l		97
86)	sec-butylbenzene	11.47	105	204905	9.74 ug/l		99
87)	1,3-Dichlorobenzene	11.60	146	115615	9.87 ug/l		98
88)	4-Isopropyltoluene	11.62	119	192938	9.87 ug/l		98
89)	1,4-Dichlorobenzene	11.60	146	115615	9.78 ug/l		98
90)	1,2-Dichlorobenzene	12.07	146	112583	10.00 ug/l		100
91)	n-Butylbenzene	12.03	91	174789	9.86 ug/l		99
92)	1,2-Dibromo-3-chloropropan	12.87	75	11836	10.19 ug/l		89
93)	1,2,4-Trichlorobenzene	13.65	180	89235	10.23 ug/l		98
94)	Hexachlorobutadiene	13.79	225	47677	10.09 ug/l		99
95)	Naphthalene	13.89	128	195489	10.47 ug/l		99
96)	1,2,3-Trichlorobenzene	14.14	180	83977	10.38 ug/l		99

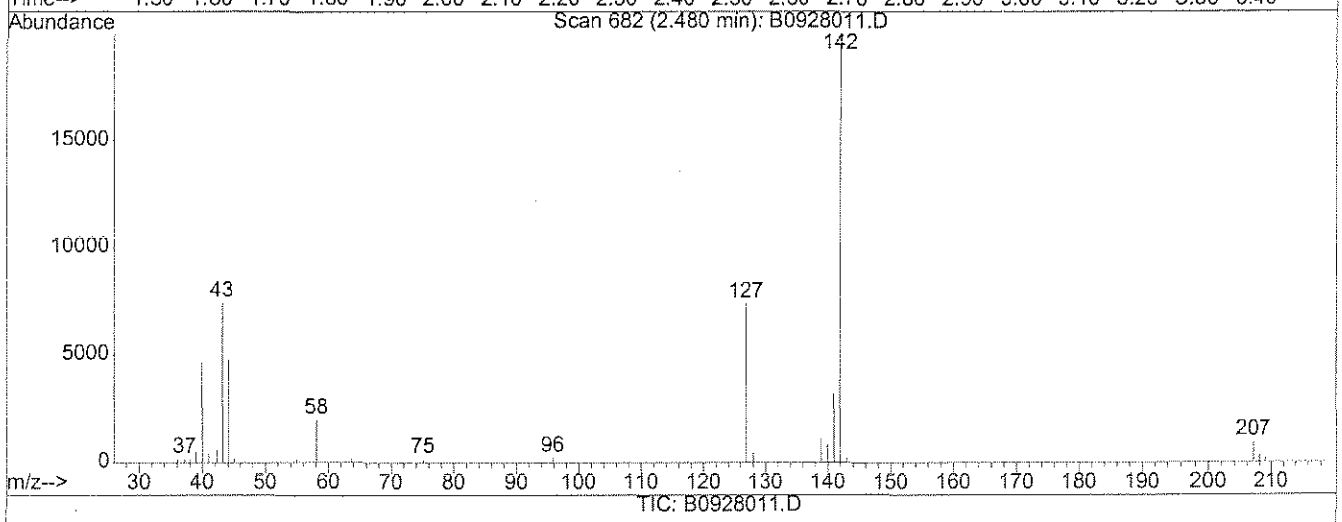
(#) = qualifier out of range (m) = manual integration

Quantitation Report (Qedit)

Data File : X:\MSVOA\BUDDHA\092807\B0928011.D Vial: 2
Acq On : 28 Sep 2007 12:04 Operator: LPM
Sample : VSTD010 Inst : Buddha
Misc : 5ML+IS/SS(MV8-42-9)+SS+STD Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Sep 28 14:25 2007 Quant Results File: temp.res

Method : X:\MSVOA\BUDDHA\QUANT\B8260S.M (RTE Integrator)
Title : VOA 8260- 5ML Soil Calibration 5973B
Last Update : Fri Sep 28 14:32:04 2007
Response via : Multiple Level Calibration





(11) Acetone (T)

2.48min 11.59ug/l

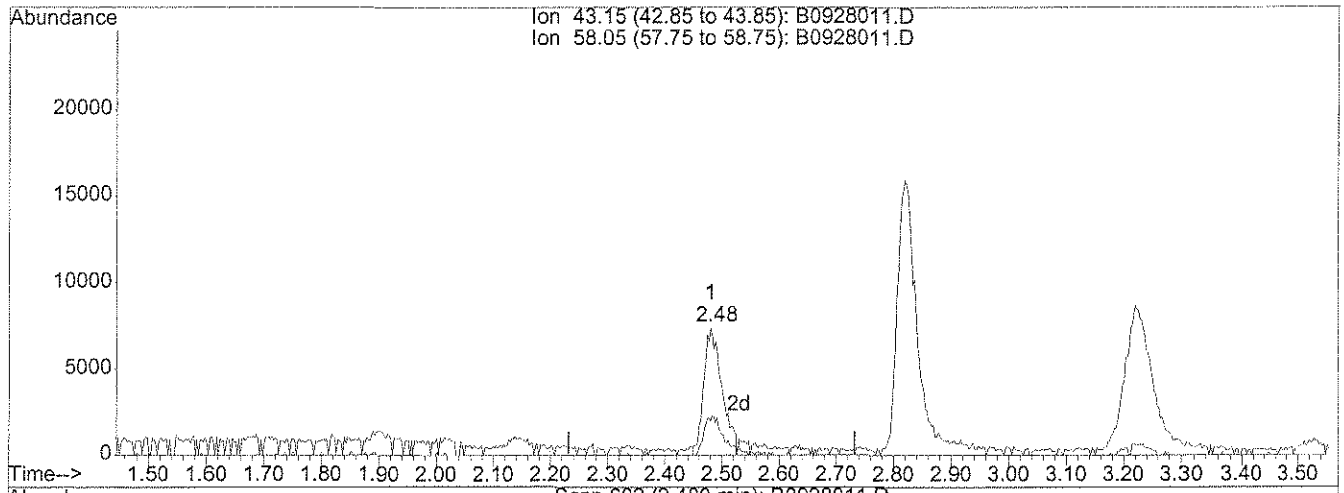
response 16744

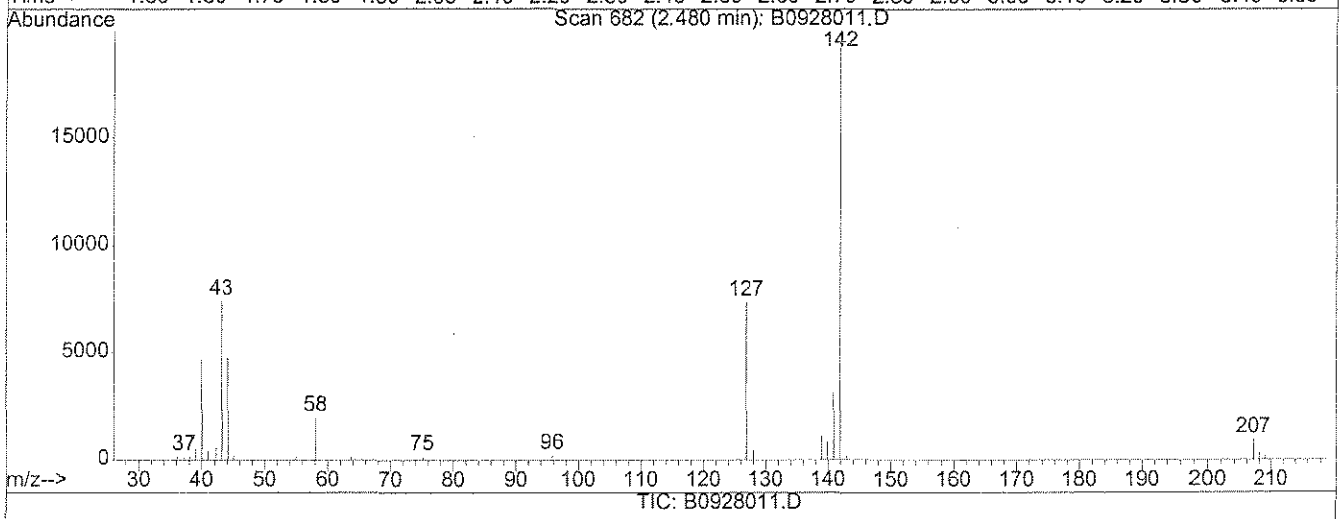
Ion	Exp%	Act%
43.15	100	100
58.05	27.50	26.88
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data File : X:\MSVOA\BUDDHA\092807\B0928011.D Vial: 2
Acq On : 28 Sep 2007 12:04 Operator: LPM
Sample : VSTD010 Inst : Buddha
Misc : 5ML+IS/SS(MV8-42-9)+SS+STD Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Sep 28 16:29 2007 Quant Results File: temp.res

Method : X:\MSVOA\BUDDHA\QUANT\B8260S.M (RTE Integrator)
Title : VOA 8260- 5ML Soil Calibration 5973B
Last Update : Fri Sep 28 16:29:28 2007
Response via : Multiple Level Calibration





(11) Acetone (T)

2.48min 11.33ug/l m

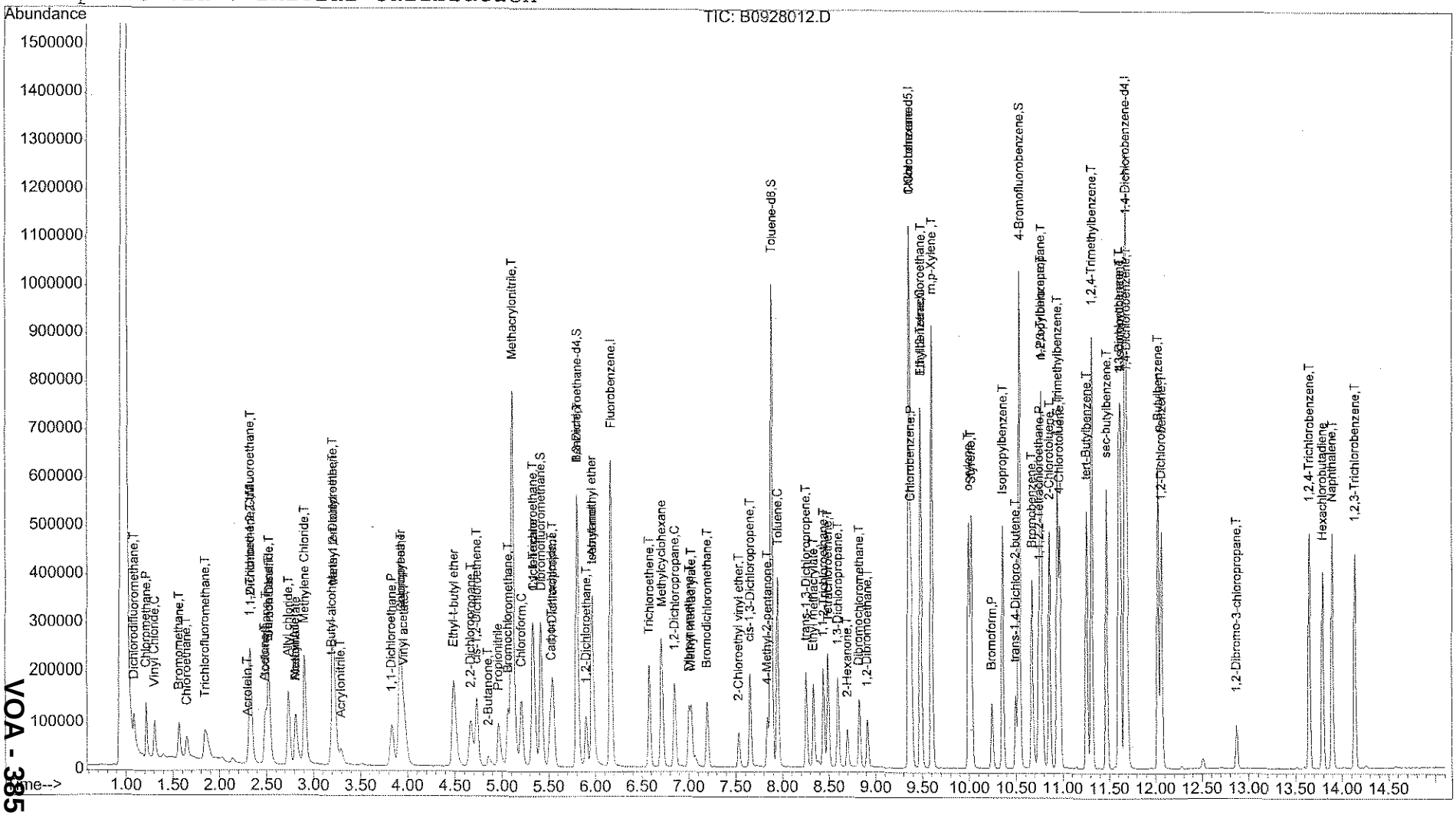
response 16372

Ion	Exp%	Act%
43.15	100	100
58.05	27.50	27.49
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report

Data File : X:\MSVOA\BUDDHA\092807\B0928012.D Vial: 3
Acq On : 28 Sep 2007 12:29 Operator: LPM
Sample : VSTD020 Inst : Buddha
Misc : 5ML+SS(MV8-40-19)+STD+IS/SS Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Sep 28 16:30 2007 Quant Results File: B8260S.RES

Method : X:\MSVOA\BUDDHA\QUANT\B8260S.M (RTE Integrator)
Title : VOA 8260- 5ML Soil Calibration 5973B
Last Update : Mon Oct 01 10:17:13 2007
Response via : Initial Calibration



Quantitation Report

Data File : X:\MSVOA\BUDDHA\092807\B0928012.D Vial: 3
Acq On : 28 Sep 2007 12:29 Operator: LPM
Sample : VSTD020 Inst : Buddha
Misc : 5ML+SS(MV8-40-19)+STD+IS/SS Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Sep 28 16:30 2007 Quant Results File: B8260S.RES

Quant Method : X:\MSVOA\BUDDHA\QUANT\B8260S.M (RTE Integrator)
Title : VOA 8260- 5ML Soil Calibration 5973B
Last Update : Wed Sep 12 11:53:17 2007
Response via : Initial Calibration
DataAcq Meth : 8260
IS QA File : X:\MSVOA\BUDDHA\082807\B0828009.D (28 Aug 2007 10:24)

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min) Rcv(Ar)
1) Fluorobenzene	6.17	96	592279	50.00 ug/l	-0.07 88.36%
54) Chlorobenzene-d5	9.36	117	487948	50.00 ug/l	-0.06 122.51%
74) 1,4-Dichlorobenzene-d4	11.67	152	323354	50.00 ug/l	-0.07 233.35%

System Monitoring Compounds					
37) Dibromofluoromethane	5.42	111	201977	67.07 ug/l	-0.08
Spiked Amount 50.000	Range 65 - 135		Recovery = 134.14%		
40) 1,2-Dichloroethane-d4	5.81	65	181216	55.29 ug/l	-0.08
Spiked Amount 50.000	Range 52 - 149		Recovery = 110.58%		
55) Toluene-d8	7.88	98	651960	42.39 ug/l	-0.07
Spiked Amount 50.000	Range 85 - 115		Recovery = 84.78%#		
76) 4-Bromofluorobenzene	10.53	95	299761	44.10 ug/l	-0.07
Spiked Amount 50.000	Range 85 - 120		Recovery = 88.20%		

Target Compounds					Qvalue
2) Dichlorodifluoromethane	1.09	85	51633	68.70 ug/l #	99
3) Chloromethane	1.22	50	86395	55.01 ug/l	99
4) Vinyl Chloride	1.31	62	72086	49.15 ug/l	96
5) Bromomethane	1.57	96	44269	45.09 ug/l	99
6) Chloroethane	1.65	64	43342	38.75 ug/l	96
7) Trichlorofluoromethane	1.85	101	82258	27.61 ug/l #	98
8) Acrolein	2.29	56	5734	34.55 ug/l	98
9) 1,1-Dichloroethene	2.33	96	61287	23.66 ug/l	91
10) 1,1,2-Trichloro-1,2,2-trif	2.33	101	57449	30.34 ug/l	98
11) Acetone	2.48	43	27833m	23.17 ug/l	91
12) Iodomethane	2.49	142	123490	30.82 ug/l	97
13) Bromoethane	2.52	108	57475	22.03 ug/l	88
14) Carbon Disulfide	2.53	76	214270	29.87 ug/l	100
15) Allyl chloride	2.74	76	39529	20.99 ug/l #	88
16) Acetonitrile	2.81	41	75697	277.56 ug/l	89
17) Methyl Acetate	2.82	43	65730	18.48 ug/l	99
18) Methylene Chloride	2.91	84	113874	19.38 ug/l	94
19) trans-1,2-Dichloroethene	3.21	96	72692	20.16 ug/l	92
20) t-Butyl alcohol	3.19	59	47691	107.19 ug/l #	1
21) Methyl tert-butyl ether	3.22	73	224538	23.91 ug/l	99
22) Acrylonitrile	3.29	53	22690	20.08 ug/l	93

(#) = qualifier out of range (m) = manual integration

Quantitation Report

Data File : X:\MSVOA\BUDDHA\092807\B0928012.D Vial: 3
Acq On : 28 Sep 2007 12:29 Operator: LPM
Sample : VSTD020 Inst : Buddha
Misc : 5ML+SS(MV8-40-19)+STD+IS/SS Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Sep 28 16:30 2007 Quant Results File: B8260S.RES

Quant Method : X:\MSVOA\BUDDHA\QUANT\B8260S.M (RTE Integrator)
Title : VOA 8260- 5ML Soil Calibration 5973B
Last Update : Wed Sep 12 11:53:17 2007
Response via : Initial Calibration
DataAcq Meth : 8260

Compound	R.T.	QIon	Response	Conc Unit		Qvalue
23) 1,1-Dichloroethane	3.83	63	122149	19.51 ug/l		97
24) Chloroprene	3.94	53	85465	18.97 ug/l		99
25) Isopropyl ether	3.92	45	253867	21.56 ug/l		96
26) Vinyl acetate	3.97	43	182755	19.20 ug/l		99
27) Ethyl-t-butyl ether	4.49	59	237016	24.24 ug/l		98
28) 2,2-Dichloropropane	4.67	77	89171	23.96 ug/l		98
29) cis-1,2-Dichloroethene	4.74	96	78371	21.31 ug/l		94
30) 2-Butanone	4.86	43	39047	19.16 ug/l		96
31) Propionitrile	4.96	54	116956	224.59 ug/l		96
32) Bromochloromethane	5.07	128	41809	22.51 ug/l		98
33) Methacrylonitrile	5.11	41	477121	172.24 ug/l		95
34) Chloroform	5.21	83	120624	19.61 ug/l		100
35) 1,1,1-Trichloroethane	5.33	97	96238	20.08 ug/l		94
36) Cyclohexane	5.34	56	109729	20.74 ug/l		99
38) Carbon Tetrachloride	5.52	117	82744	18.83 ug/l		95
39) 1,1-Dichloropropene	5.55	75	79899	18.01 ug/l	#	91
41) Benzene	5.81	78	282190	19.17 ug/l		100
42) 1,2-Dichloroethane	5.90	62	86276	17.80 ug/l		98
43) t-Amyl methyl ether	5.97	73	225293	25.09 ug/l		99
44) Isobutanol	5.97	43	162782	413.07 ug/l	#	79
45) Trichloroethene	6.58	130	72784	18.67 ug/l		95
46) Methylcyclohexane	6.72	83	113482	20.20 ug/l		99
47) 1,2-Dichloropropane	6.85	63	65804	18.39 ug/l		98
48) Dibromomethane	7.00	93	41219	21.06 ug/l		94
49) Methyl methacrylate	7.03	41	54037	14.26 ug/l		91
50) Bromodichloromethane	7.20	83	89313	19.78 ug/l		100
51) 2-Chloroethyl vinyl ether	7.53	63	30066	15.53 ug/l		99
52) cis-1,3-Dichloropropene	7.66	75	101022	20.22 ug/l		99
53) 4-Methyl-2-pentanone	7.84	43	76113	18.74 ug/l		98
56) Toluene	7.95	92	158073	12.52 ug/l		98
57) trans-1,3-Dichloropropene	8.26	75	95577	14.53 ug/l		100
58) Ethyl methacrylate	8.34	69	81437	12.88 ug/l		93
59) 1,1,2-Trichloroethane	8.44	97	58728	14.70 ug/l		97
60) Tetrachloroethene	8.49	166	69682	13.16 ug/l		96
61) 1,3-Dichloropropane	8.60	76	96573	14.09 ug/l		97
62) 2-Hexanone	8.70	43	50868	14.56 ug/l		94
63) Dibromochloromethane	8.82	129	72835	17.73 ug/l		98
64) 1,2-Dibromoethane	8.91	107	64853	17.55 ug/l		97
65) 1-Chlorohexane	9.36	91	71816	13.90 ug/l		92
66) Chlorobenzene	9.39	112	194543	17.22 ug/l		96
67) 1,1,1,2-Tetrachloroethane	9.49	131	77317	19.78 ug/l		99

(#) = qualifier out of range (m) = manual integration

Quantitation Report

Data File : X:\MSVOA\BUDDHA\092807\B0928012.D Vial: 3
Acq On : 28 Sep 2007 12:29 Operator: LPM
Sample : VSTD020 Inst : Buddha
Misc : 5ML+SS(MV8-40-19)+STD+IS/SS Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Sep 28 16:30 2007 Quant Results File: B8260S.RES

Quant Method : X:\MSVOA\BUDDHA\QUANT\B8260S.M (RTE Integrator)
Title : VOA 8260- 5ML Soil Calibration 5973B
Last Update : Wed Sep 12 11:53:17 2007
Response via : Initial Calibration
DataAcq Meth : 8260

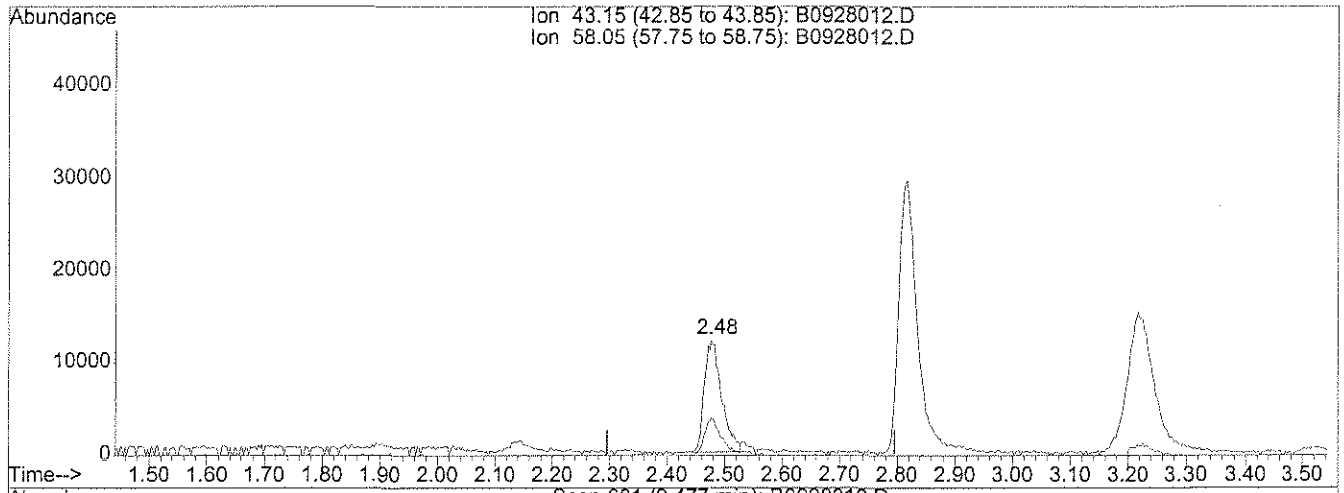
	Compound	R.T.	QIon	Response	Conc Unit		Qvalue
68)	Ethylbenzene	9.49	91	312182	16.39 ug/l		100
69)	m,p-Xylene	9.60	106	252697	34.81 ug/l		98
70)	o-xylene	10.00	106	132821	22.65 ug/l		97
71)	Styrene	10.02	104	240599	22.39 ug/l		99
72)	Bromoform	10.24	173	62333	29.51 ug/l		100
73)	Isopropylbenzene	10.36	105	313893	23.44 ug/l		98
75)	trans-1,4-Dichloro-2-buten	10.50	53	30202	12.40 ug/l		85
77)	Bromobenzene	10.67	156	109000	14.52 ug/l		91
78)	1,1,2,2-Tetrachloroethane	10.74	83	107020	15.56 ug/l		96
79)	1,2,3-Trichloropropane	10.77	110	30937	14.07 ug/l	#	63
80)	n-Propylbenzene	10.77	120	96263	12.60 ug/l	#	91
81)	2-Chlorotoluene	10.86	91	254490	14.27 ug/l		100
82)	4-Chlorotoluene	10.97	91	289050	14.09 ug/l		95
83)	1,3,5-Trimethylbenzene	10.94	105	311481	15.27 ug/l		98
84)	tert-Butylbenzene	11.26	119	258267	15.77 ug/l		94
85)	1,2,4-Trimethylbenzene	11.31	105	323241	16.44 ug/l		98
86)	sec-butylbenzene	11.47	105	375448	16.04 ug/l		99
87)	1,3-Dichlorobenzene	11.60	146	207142	17.88 ug/l		98
88)	4-Isopropyltoluene	11.62	119	352463	17.41 ug/l		98
89)	1,4-Dichlorobenzene	11.70	146	210782	17.37 ug/l		98
90)	1,2-Dichlorobenzene	12.07	146	201295	18.80 ug/l		99
91)	n-Butylbenzene	12.03	91	318932	17.79 ug/l		98
92)	1,2-Dibromo-3-chloropropan	12.87	75	20580	18.72 ug/l		92
93)	1,2,4-Trichlorobenzene	13.65	180	154608	25.39 ug/l		98
94)	Hexachlorobutadiene	13.79	225	84501	20.02 ug/l		98
95)	Naphthalene	13.89	128	355663	23.62 ug/l		99
96)	1,2,3-Trichlorobenzene	14.14	180	145018	26.70 ug/l		99

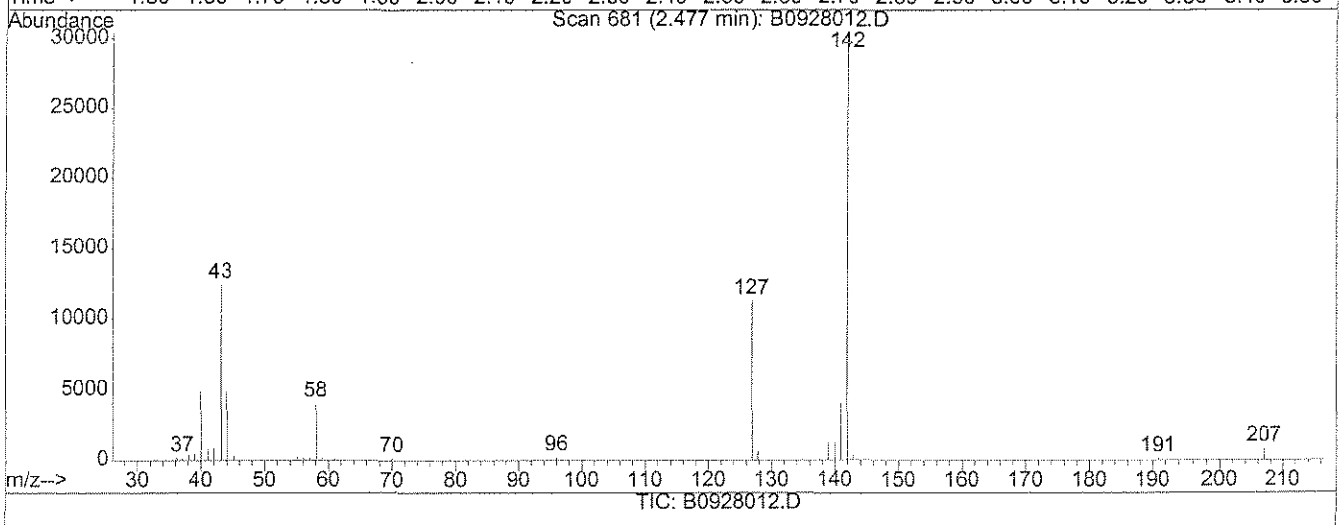
(#) = qualifier out of range (m) = manual integration

Quantitation Report (Qedit)

Data File : X:\MSVOA\BUDDHA\092807\B0928012.D Vial: 3
Acq On : 28 Sep 2007 12:29 Operator: LPM
Sample : VSTD020 Inst : Buddha
Misc : 5ML+SS(MV8-40-19)+STD+IS/SS Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Sep 28 12:52 2007 Quant Results File: temp.res

Method : X:\MSVOA\BUDDHA\QUANT\B8260S.M (RTE Integrator)
Title : VOA 8260- 5ML Soil Calibration 5973B
Last Update : Fri Sep 28 16:30:01 2007
Response via : Multiple Level Calibration





(11) Acetone (T)

2.48min 21.22ug/l

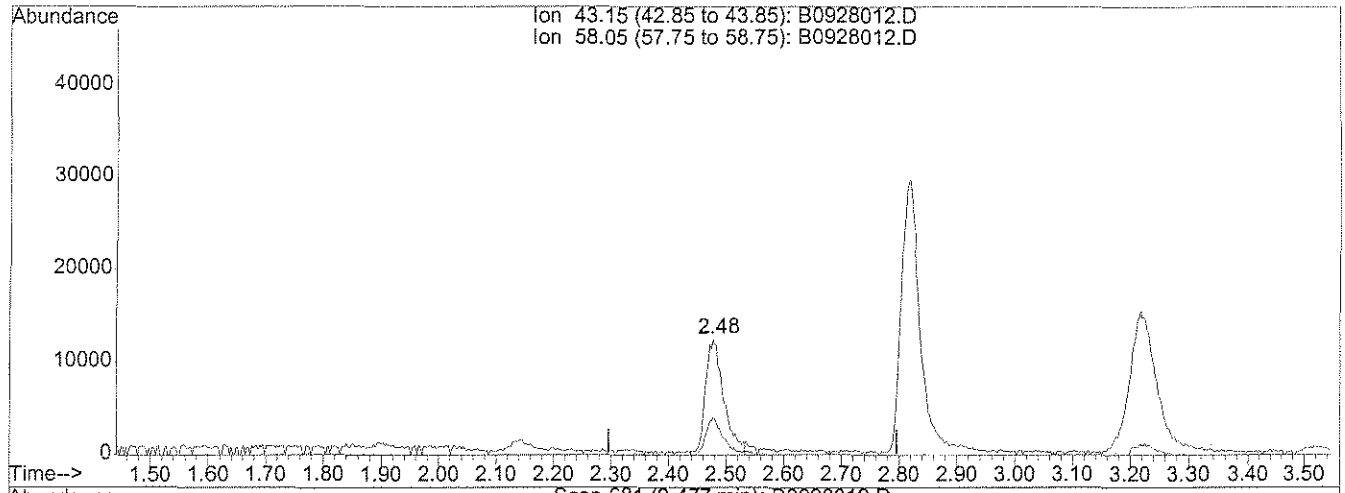
response 25489

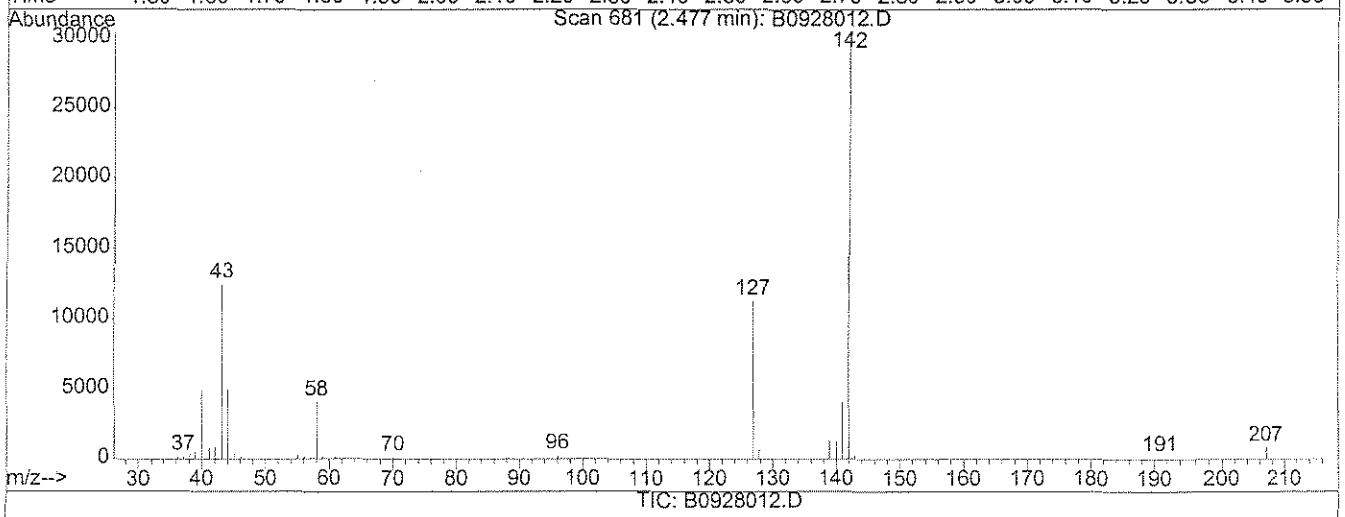
Ion	Exp%	Act%
43.15	100	100
58.05	27.50	32.32
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data File : X:\MSVOA\BUDDHA\092807\B0928012.D Vial: 3
Acq On : 28 Sep 2007 12:29 Operator: LPM
Sample : VSTD020 Inst : Buddha
Misc : 5ML+SS(MV8-40-19)+STD+IS/SS Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Sep 28 16:30 2007 Quant Results File: temp.res

Method : X:\MSVOA\BUDDHA\QUANT\B8260S.M (RTE Integrator)
Title : VOA 8260- 5ML Soil Calibration 5973B
Last Update : Fri Sep 28 16:30:01 2007
Response via : Multiple Level Calibration





(11) Acetone (T)

2.48min 23.17ug/l m

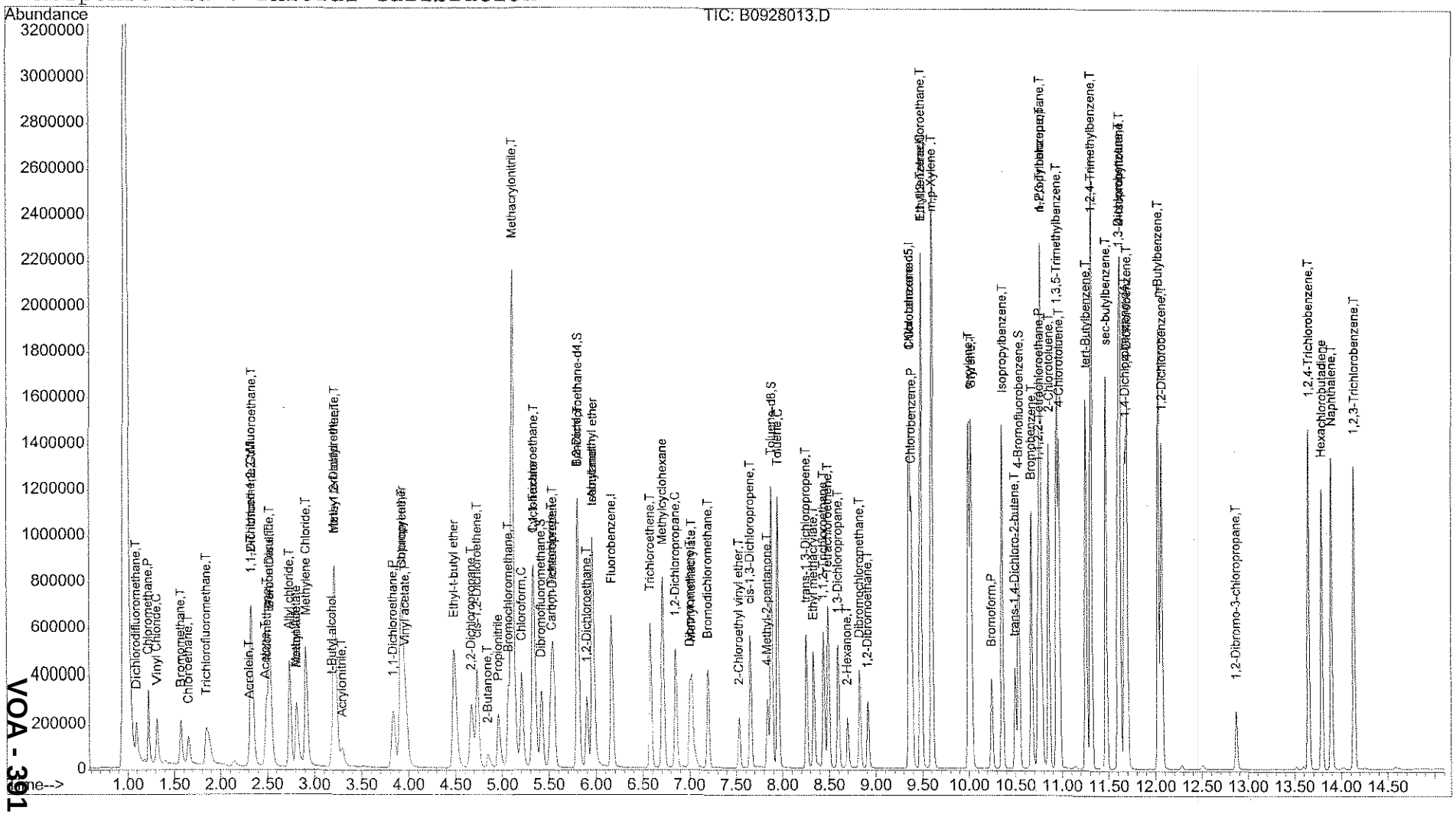
response 27833

Ion	Exp%	Act%
43.15	100	100
58.05	27.50	29.60
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report

Data File : X:\MSVOA\BUDDHA\092807\B0928013.D Vial: 4
Acq On : 28 Sep 2007 12:55 Operator: LPM
Sample : VSTD050 Inst : Buddha
Misc : 5ML+STD+IS/SS(MV8-42-9)+SS Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Sep 28 13:32 2007 Quant Results File: B8260S.RES

Method : X:\MSVOA\BUDDHA\QUANT\B8260S.M (RTE Integrator)
Title : VOA 8260- 5ML Soil Calibration 5973B
Last Update : Mon Oct 01 10:17:13 2007
Response via : Initial Calibration



Quantitation Report

Data File : X:\MSVOA\BUDDHA\092807\B0928013.D Vial: 4
Acq On : 28 Sep 2007 12:55 Operator: LPM
Sample : VSTD050 Inst : Buddha
Misc : 5ML+STD+IS/SS(MV8-42-9)+SS Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Sep 28 13:32 2007 Quant Results File: B8260S.RES

Quant Method : X:\MSVOA\BUDDHA\QUANT\B8260S.M (RTE Integrator)
Title : VOA 8260- 5ML Soil Calibration 5973B
Last Update : Wed Sep 12 11:53:17 2007
Response via : Initial Calibration
DataAcq Meth : 8260
IS QA File : X:\MSVOA\BUDDHA\082807\B0828009.D (28 Aug 2007 10:24)

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min) Rcv(Ar)
1) Fluorobenzene	6.17	96	625117	50.00 ug/l	-0.07 93.26%
54) Chlorobenzene-d5	9.36	117	504278	50.00 ug/l	-0.06 126.61%
74) 1,4-Dichlorobenzene-d4	11.67	152	331311	50.00 ug/l	-0.06 239.09%

System Monitoring Compounds					
37) Dibromofluoromethane	5.42	111	227507	71.58 ug/l	-0.08
Spiked Amount 50.000	Range 65 - 135		Recovery = 143.16%#		
40) 1,2-Dichloroethane-d4	5.81	65	202672	58.59 ug/l	-0.07
Spiked Amount 50.000	Range 52 - 149		Recovery = 117.18%		
55) Toluene-d8	7.88	98	752576	47.35 ug/l	-0.07
Spiked Amount 50.000	Range 85 - 115		Recovery = 94.70%		
76) 4-Bromofluorobenzene	10.54	95	338684	48.63 ug/l	-0.06
Spiked Amount 50.000	Range 85 - 120		Recovery = 97.26%		

Target Compounds					Qvalue
2) Dichlorodifluoromethane	1.09	85	158237	199.49 ug/l #	97
3) Chloromethane	1.22	50	245224	147.93 ug/l	100
4) Vinyl Chloride	1.31	62	212757	137.43 ug/l	98
5) Bromomethane	1.57	96	123711	119.40 ug/l	100
6) Chloroethane	1.65	64	122601	103.86 ug/l	99
7) Trichlorofluoromethane	1.85	101	246552	78.41 ug/l	100
8) Acrolein	2.30	56	14092	85.46 ug/l	99
9) 1,1-Dichloroethene	2.33	96	177278	64.84 ug/l	93
10) 1,1,2-Trichloro-1,2,2-trif	2.34	101	176142	88.14 ug/l	96
11) Acetone	2.47	43	63894	50.39 ug/l	92
12) Iodomethane	2.49	142	361145	85.39 ug/l	98
13) Bromoethane	2.52	108	172303	62.56 ug/l	92
14) Carbon Disulfide	2.53	76	618504	81.70 ug/l	100
15) Allyl chloride	2.74	76	115583	58.14 ug/l	91
16) Acetonitrile	2.81	41	195054	677.65 ug/l	93
17) Methyl Acetate	2.81	43	173211	46.13 ug/l	99
18) Methylene Chloride	2.91	84	268682	64.04 ug/l	94
19) trans-1,2-Dichloroethene	3.21	96	215940	56.75 ug/l	92
20) t-Butyl alcohol	3.18	59	132401	260.94 ug/l #	1
21) Methyl tert-butyl ether	3.22	73	634423	64.00 ug/l	99
22) Acrylonitrile	3.29	53	64229	53.85 ug/l	96

(#) = qualifier out of range (m) = manual integration

Quantitation Report

Data File : X:\MSVOA\BUDDHA\092807\B0928013.D Vial: 4
Acq On : 28 Sep 2007 12:55 Operator: LPM
Sample : VSTD050 Inst : Buddha
Misc : 5ML+STD+IS/SS(MV8-42-9)+SS Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Sep 28 13:32 2007 Quant Results File: B8260S.RES

Quant Method : X:\MSVOA\BUDDHA\QUANT\B8260S.M (RTE Integrator)
Title : VOA 8260- 5ML Soil Calibration 5973B
Last Update : Wed Sep 12 11:53:17 2007
Response via : Initial Calibration
DataAcq Meth : 8260

Compound	R.T.	QIon	Response	Conc Unit		Qvalue
23) 1,1-Dichloroethane	3.83	63	356074	53.89 ug/l		96
24) Chloroprene	3.94	53	256977	54.03 ug/l		99
25) Isopropyl ether	3.92	45	742895	59.77 ug/l		96
26) Vinyl acetate	3.97	43	529721	52.74 ug/l		99
27) Ethyl-t-butyl ether	4.49	59	685312	66.39 ug/l		98
28) 2,2-Dichloropropane	4.67	77	255023	64.91 ug/l		98
29) cis-1,2-Dichloroethene	4.74	96	237805	61.28 ug/l		90
30) 2-Butanone	4.85	43	97707	45.44 ug/l		95
31) Propionitrile	4.96	54	308419	561.15 ug/l		96
32) Bromochloromethane	5.07	128	121221	61.84 ug/l		97
33) Methacrylonitrile	5.11	41	1311457	448.56 ug/l		94
34) Chloroform	5.21	83	349292	53.81 ug/l		99
35) 1,1,1-Trichloroethane	5.34	97	279580	55.27 ug/l		93
36) Cyclohexane	5.34	56	337766	60.50 ug/l		97
38) Carbon Tetrachloride	5.52	117	247065	53.27 ug/l		95
39) 1,1-Dichloropropene	5.55	75	243686	52.04 ug/l		92
41) Benzene	5.81	78	839414	54.02 ug/l		100
42) 1,2-Dichloroethane	5.90	62	251460	49.14 ug/l		96
43) t-Amyl methyl ether	5.97	73	655273	69.14 ug/l		99
44) Isobutanol	5.97	43	450034	1039.42 ug/l	#	78
45) Trichloroethene	6.58	130	216977	52.73 ug/l		95
46) Methylcyclohexane	6.72	83	356468	60.12 ug/l		99
47) 1,2-Dichloropropane	6.85	63	198251	52.48 ug/l		97
48) Dibromomethane	7.00	93	117863	57.05 ug/l		93
49) Methyl methacrylate	7.03	41	156263	39.08 ug/l		92
50) Bromodichloromethane	7.20	83	263411	55.26 ug/l		98
51) 2-Chloroethyl vinyl ether	7.53	63	87638	39.61 ug/l		97
52) cis-1,3-Dichloropropene	7.66	75	304932	57.84 ug/l		98
53) 4-Methyl-2-pentanone	7.84	43	206125	48.08 ug/l		99
56) Toluene	7.95	92	481199	36.86 ug/l		97
57) trans-1,3-Dichloropropene	8.26	75	281976	41.49 ug/l		100
58) Ethyl methacrylate	8.33	69	234704	35.93 ug/l		93
59) 1,1,2-Trichloroethane	8.44	97	174049	42.15 ug/l		99
60) Tetrachloroethene	8.49	166	215015	39.29 ug/l		95
61) 1,3-Dichloropropane	8.60	76	282539	39.88 ug/l		96
62) 2-Hexanone	8.70	43	137687	32.38 ug/l		95
63) Dibromochloromethane	8.83	129	212996	50.16 ug/l		98
64) 1,2-Dibromoethane	8.91	107	184277	48.26 ug/l		97
65) 1-Chlorohexane	9.36	91	221667	41.51 ug/l		97
66) Chlorobenzene	9.39	112	573558	49.11 ug/l		96
67) 1,1,1,2-Tetrachloroethane	9.49	131	227794	56.39 ug/l		98

(#) = qualifier out of range (m) = manual integration

Quantitation Report

Data File : X:\MSVOA\BUDDHA\092807\B0928013.D Vial: 4
Acq On : 28 Sep 2007 12:55 Operator: LPM
Sample : VSTD050 Inst : Buddha
Misc : 5ML+STD+IS/SS(MV8-42-9)+SS Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Sep 28 13:32 2007 Quant Results File: B8260S.RES

Quant Method : X:\MSVOA\BUDDHA\QUANT\B8260S.M (RTE Integrator)
Title : VOA 8260- 5ML Soil Calibration 5973B
Last Update : Wed Sep 12 11:53:17 2007
Response via : Initial Calibration
DataAcq Meth : 8260

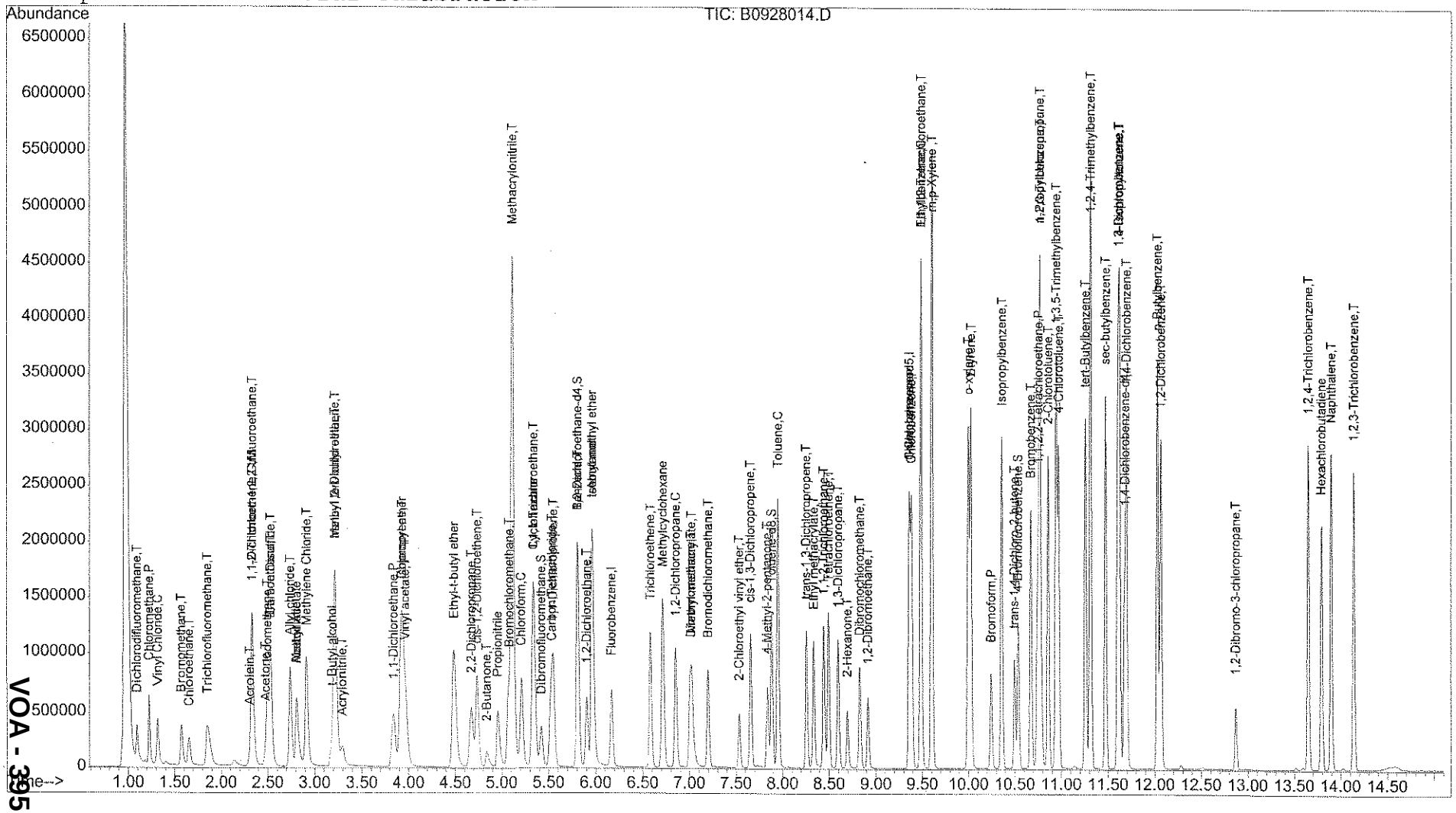
	Compound	R.T.	QIon	Response	Conc Unit		Qvalue
68)	Ethylbenzene	9.49	91	931561	47.33 ug/l		100
69)	m,p-Xylene	9.60	106	745082	99.33 ug/l		99
70)	o-xylene	10.00	106	394318	65.07 ug/l		96
71)	Styrene	10.02	104	713631	64.25 ug/l		99
72)	Bromoform	10.25	173	179505	82.22 ug/l		99
73)	Isopropylbenzene	10.36	105	937564	67.73 ug/l		99
75)	trans-1,4-Dichloro-2-buten	10.50	53	82902	33.21 ug/l		88
77)	Bromobenzene	10.67	156	317981	41.34 ug/l		91
78)	1,1,2,2-Tetrachloroethane	10.74	83	295723	41.97 ug/l		96
79)	1,2,3-Trichloropropane	10.77	110	83301	36.98 ug/l	#	59
80)	n-Propylbenzene	10.77	120	286168	36.56 ug/l		90
81)	2-Chlorotoluene	10.86	91	741455	40.56 ug/l		100
82)	4-Chlorotoluene	10.97	91	854640	40.66 ug/l		93
83)	1,3,5-Trimethylbenzene	10.94	105	925692	44.29 ug/l		98
84)	tert-Butylbenzene	11.26	119	781080	46.55 ug/l		94
85)	1,2,4-Trimethylbenzene	11.31	105	964317	47.86 ug/l		98
86)	sec-butylbenzene	11.47	105	1136323	47.37 ug/l		99
87)	1,3-Dichlorobenzene	11.60	146	609884	51.38 ug/l		98
88)	4-Isopropyltoluene	11.62	119	1059096	51.05 ug/l		98
89)	1,4-Dichlorobenzene	11.70	146	615318	49.49 ug/l		99
90)	1,2-Dichlorobenzene	12.07	146	589487	53.73 ug/l		99
91)	n-Butylbenzene	12.03	91	971600	52.90 ug/l		98
92)	1,2-Dibromo-3-chloropropan	12.87	75	56337	50.02 ug/l		95
93)	1,2,4-Trichlorobenzene	13.65	180	465738	74.65 ug/l		98
94)	Hexachlorobutadiene	13.79	225	247671	57.26 ug/l		100
95)	Naphthalene	13.89	128	1022073	59.98 ug/l		99
96)	1,2,3-Trichlorobenzene	14.14	180	423573	76.11 ug/l		99

(#) = qualifier out of range (m) = manual integration

Quantitation Report

Data File : X:\MSVOA\BUDDHA\092807\B0928014.D Vial: 5
Acq On : 28 Sep 2007 13:21 Operator: LPM
Sample : VSTD100 Inst : Buddha
Misc : 5ML+STD+IS/SS+SS Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Sep 28 14:01 2007 Quant Results File: B8260S.RES

Method : X:\MSVOA\BUDDHA\QUANT\B8260S.M (RTE Integrator)
Title : VOA 8260- 5ML Soil Calibration 5973B
Last Update : Wed Sep 12 11:53:17 2007
Response via : Initial Calibration



Quantitation Report

Data File : X:\MSVOA\BUDDHA\092807\B0928014.D Vial: 5
Acq On : 28 Sep 2007 13:21 Operator: LPM
Sample : VSTD100 Inst : Buddha
Misc : 5ML+STD+IS/SS+SS Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Sep 28 14:01 2007 Quant Results File: B8260S.RES

Quant Method : X:\MSVOA\BUDDHA\QUANT\B8260S.M (RTE Integrator)
Title : VOA 8260- 5ML Soil Calibration 5973B
Last Update : Wed Sep 12 11:53:17 2007
Response via : Initial Calibration
DataAcq Meth : 8260
IS QA File : X:\MSVOA\BUDDHA\082807\B0828009.D (28 Aug 2007 10:24)

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min) Rcv(Ar)
1) Fluorobenzene	6.17	96	646306	50.00 ug/l	-0.07 96.42%
54) Chlorobenzene-d5	9.36	117	542313	50.00 ug/l	-0.06 136.16%
74) 1,4-Dichlorobenzene-d4	11.67	152	346336	50.00 ug/l	-0.06 249.93%

System Monitoring Compounds					
37) Dibromofluoromethane	5.42	111	244248	74.33 ug/l	-0.08
Spiked Amount 50.000	Range 65 - 135		Recovery = 148.66%#		
40) 1,2-Dichloroethane-d4	5.81	65	223261	62.43 ug/l	-0.07
Spiked Amount 50.000	Range 52 - 149		Recovery = 124.86%		
55) Toluene-d8	7.88	98	845045	49.44 ug/l	-0.07
Spiked Amount 50.000	Range 85 - 115		Recovery = 98.88%		
76) 4-Bromofluorobenzene	10.53	95	374620	51.46 ug/l	-0.07
Spiked Amount 50.000	Range 85 - 120		Recovery = 102.92%		

Target Compounds					Qvalue
2) Dichlorodifluoromethane	1.09	85	308846	376.60 ug/l	98
3) Chloromethane	1.23	50	490832	286.39 ug/l	100
4) Vinyl Chloride	1.31	62	428000	267.40 ug/l	97
5) Bromomethane	1.57	96	238013	222.18 ug/l	99
6) Chloroethane	1.65	64	249419	204.37 ug/l	99
7) Trichlorofluoromethane	1.85	101	488272	150.19 ug/l	99
8) Acrolein	2.30	56	30884	208.82 ug/l	93
9) 1,1-Dichloroethene	2.33	96	338226	119.66 ug/l	91
10) 1,1,2-Trichloro-1,2,2-trif	2.34	101	326715	158.13 ug/l	98
11) Acetone	2.47	43	139890	106.70 ug/l	91
12) Iodomethane	2.49	142	682279	156.03 ug/l	97
13) Bromoethane	2.52	108	336725	118.25 ug/l	92
14) Carbon Disulfide	2.54	76	1123138	143.50 ug/l	100
15) Allyl chloride	2.74	76	228332	111.09 ug/l	94
16) Acetonitrile	2.81	41	446874	1501.61 ug/l	91
17) Methyl Acetate	2.81	43	375168	96.65 ug/l	99
18) Methylene Chloride	2.91	84	503406	129.67 ug/l	96
19) trans-1,2-Dichloroethene	3.22	96	414689	105.42 ug/l	92
20) t-Butyl alcohol	3.18	59	300702	655.90 ug/l #	1
21) Methyl tert-butyl ether	3.22	73	1328908	129.67 ug/l	100
22) Acrylonitrile	3.30	53	137666	111.63 ug/l	95

(#) = qualifier out of range (m) = manual integration

Quantitation Report

Data File : X:\MSVOA\BUDDHA\092807\B0928014.D Vial: 5
Acq On : 28 Sep 2007 13:21 Operator: LPM
Sample : VSTD100 Inst : Buddha
Misc : 5ML+STD+IS/SS+SS Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Sep 28 14:01 2007 Quant Results File: B8260S.RES

Quant Method : X:\MSVOA\BUDDHA\QUANT\B8260S.M (RTE Integrator)
Title : VOA 8260- 5ML Soil Calibration 5973B
Last Update : Wed Sep 12 11:53:17 2007
Response via : Initial Calibration
DataAcq Meth : 8260

Compound	R.T.	QIon	Response	Conc Unit	Qvalue
23) 1,1-Dichloroethane	3.84	63	696270	101.92 ug/l	97
24) Chloroprene	3.94	53	493991	100.46 ug/l	99
25) Isopropyl ether	3.92	45	1511411	117.62 ug/l	96
26) Vinyl acetate	3.97	43	1088010	104.78 ug/l	100
27) Ethyl-t-butyl ether	4.49	59	1406442	131.79 ug/l	98
28) 2,2-Dichloropropane	4.67	77	497283	122.42 ug/l	98
29) cis-1,2-Dichloroethene	4.73	96	455279	113.47 ug/l	93
30) 2-Butanone	4.84	43	220133	99.01 ug/l	94
31) Propionitrile	4.96	54	680425	1197.41 ug/l	96
32) Bromochloromethane	5.07	128	242538	119.68 ug/l	97
33) Methacrylonitrile	5.11	41	2788911	922.61 ug/l	94
34) Chloroform	5.21	83	687754	102.48 ug/l	100
35) 1,1,1-Trichloroethane	5.34	97	536775	102.63 ug/l	95
36) Cyclohexane	5.34	56	618318	107.11 ug/l	98
38) Carbon Tetrachloride	5.52	117	469430	97.91 ug/l	96
39) 1,1-Dichloropropene	5.55	75	458483	94.70 ug/l	91
41) Benzene	5.81	78	1648657	102.61 ug/l	100
42) 1,2-Dichloroethane	5.90	62	507044	95.84 ug/l	97
43) t-Amyl methyl ether	5.97	73	1358303	138.62 ug/l	99
44) Isobutanol	5.96	43	978320	2274.97 ug/l #	81
45) Trichloroethene	6.58	130	421053	98.97 ug/l	96
46) Methylcyclohexane	6.72	83	658958	107.49 ug/l	98
47) 1,2-Dichloropropane	6.85	63	402661	103.10 ug/l	97
48) Dibromomethane	7.00	93	242617	113.58 ug/l	93
49) Methyl methacrylate	7.03	41	348802	84.38 ug/l	91
50) Bromodichloromethane	7.20	83	536469	108.85 ug/l	98
51) 2-Chloroethyl vinyl ether	7.53	63	192470	82.06 ug/l	98
52) cis-1,3-Dichloropropene	7.66	75	631817	115.91 ug/l	99
53) 4-Methyl-2-pentanone	7.84	43	472692	106.64 ug/l	97
56) Toluene	7.95	92	971779	69.23 ug/l	97
57) trans-1,3-Dichloropropene	8.26	75	595805	81.51 ug/l	100
58) Ethyl methacrylate	8.34	69	521357	74.21 ug/l	93
59) 1,1,2-Trichloroethane	8.44	97	372915	83.98 ug/l	99
60) Tetrachloroethene	8.49	166	420773	71.49 ug/l	95
61) 1,3-Dichloropropane	8.60	76	604091	79.28 ug/l	95
62) 2-Hexanone	8.70	43	321716	66.19 ug/l	94
63) Dibromochloromethane	8.83	129	452463	99.08 ug/l	98
64) 1,2-Dibromoethane	8.91	107	394728	96.12 ug/l	98
65) 1-Chlorohexane	9.36	91	435144	75.77 ug/l	98
66) Chlorobenzene	9.39	112	1174485	93.52 ug/l	96
67) 1,1,1,2-Tetrachloroethane	9.49	131	470554	108.32 ug/l	98

(#) = qualifier out of range (m) = manual integration

Quantitation Report

Data File : X:\MSVOA\BUDDHA\092807\B0928014.D Vial: 5
Acq On : 28 Sep 2007 13:21 Operator: LPM
Sample : VSTD100 Inst : Buddha
Misc : 5ML+STD+IS/SS+SS Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Sep 28 14:01 2007 Quant Results File: B8260S.RES

Quant Method : X:\MSVOA\BUDDHA\QUANT\B8260S.M (RTE Integrator)
Title : VOA 8260- 5ML Soil Calibration 5973B
Last Update : Wed Sep 12 11:53:17 2007
Response via : Initial Calibration
DataAcq Meth : 8260

	Compound	R.T.	QIon	Response	Conc Unit		Qvalue
68)	Ethylbenzene	9.49	91	1898716	89.70 ug/l		99
69)	m,p-Xylene	9.60	106	1525661	189.12 ug/l		98
70)	o-xylene	10.00	106	804538	123.45 ug/l		97
71)	Styrene	10.02	104	1466132	122.73 ug/l		99
72)	Bromoform	10.25	173	390744	166.43 ug/l		100
73)	Isopropylbenzene	10.36	105	1866502	125.38 ug/l		99
75)	trans-1,4-Dichloro-2-buten	10.50	53	179591	68.83 ug/l		93
77)	Bromobenzene	10.67	156	648663	80.68 ug/l		91
78)	1,1,2,2-Tetrachloroethane	10.74	83	637772	86.59 ug/l		96
79)	1,2,3-Trichloropropane	10.77	110	183203	77.80 ug/l	#	63
80)	n-Propylbenzene	10.77	120	571276	69.82 ug/l	#	90
81)	2-Chlorotoluene	10.86	91	1484552	77.69 ug/l		100
82)	4-Chlorotoluene	10.97	91	1707839	77.72 ug/l		94
83)	1,3,5-Trimethylbenzene	10.94	105	1847461	84.56 ug/l		98
84)	tert-Butylbenzene	11.26	119	1543559	88.00 ug/l		95
85)	1,2,4-Trimethylbenzene	11.31	105	1922213	91.26 ug/l		98
86)	sec-butylbenzene	11.47	105	2207443	88.03 ug/l		99
87)	1,3-Dichlorobenzene	11.60	146	1236498	99.66 ug/l		97
88)	4-Isopropyltoluene	11.62	119	2067880	95.34 ug/l		98
89)	1,4-Dichlorobenzene	11.70	146	1248958	96.10 ug/l		99
90)	1,2-Dichlorobenzene	12.07	146	1196116	104.30 ug/l		99
91)	n-Butylbenzene	12.03	91	1888609	98.37 ug/l		99
92)	1,2-Dibromo-3-chloropropan	12.87	75	122400	103.95 ug/l		95
93)	1,2,4-Trichlorobenzene	13.65	180	922301	141.42 ug/l		98
94)	Hexachlorobutadiene	13.79	225	444176	98.23 ug/l		100
95)	Naphthalene	13.90	128	2155185	117.46 ug/l		99
96)	1,2,3-Trichlorobenzene	14.14	180	845095	145.26 ug/l		99

(#) = qualifier out of range (m) = manual integration

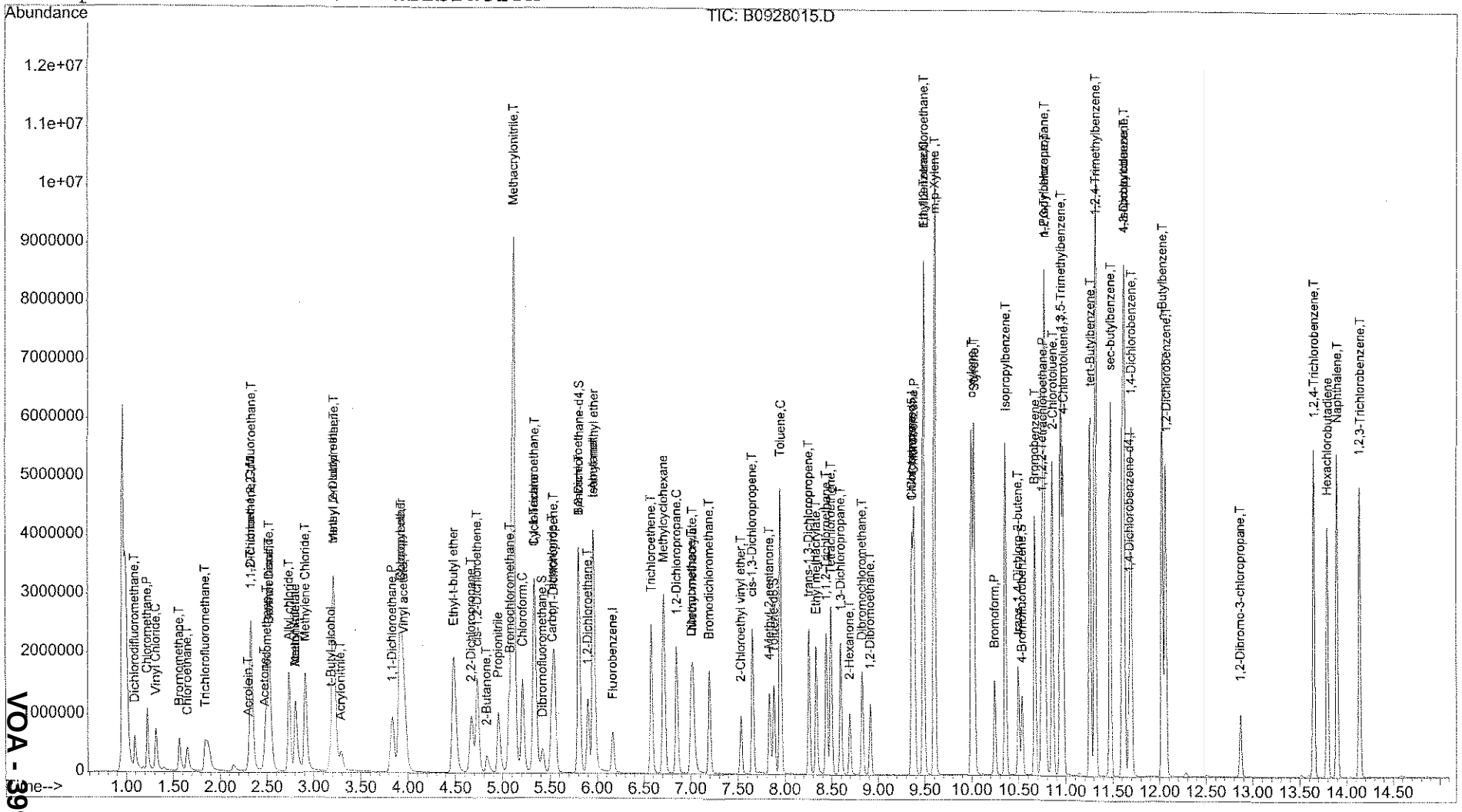
Quantitation Report

Data File : X:\MSVOA\BUDDHA\092807\B0928015.D
Acq On : 28 Sep 2007 13:48
Sample : VSTD200
Misc : 5ML+STD+IS/SS+SS
MS Integration Params: rteint.p
Quant Time: Sep 28 14:12 2007

Vial: 6
Operator: LPM
Inst : Buddha
Multiplr: 1.00

Quant Results File: B8260S.RES

Method : X:\MSVOA\BUDDHA\QUANT\B8260S.M (RTE Integrator)
Title : VOA 8260- 5ML Soil Calibration 5973B
Last Update : Mon Oct 01 10:17:13 2007
Response via : Initial Calibration



Quantitation Report

Data File : X:\MSVOA\BUDDHA\092807\B0928015.D Vial: 6
Acq On : 28 Sep 2007 13:48 Operator: LPM
Sample : VSTD200 Inst : Buddha
Misc : 5ML+STD+IS/SS+SS Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Sep 28 14:12 2007 Quant Results File: B8260S.RES

Quant Method : X:\MSVOA\BUDDHA\QUANT\B8260S.M (RTE Integrator)
Title : VOA 8260- 5ML Soil Calibration 5973B
Last Update : Fri Sep 28 14:05:34 2007
Response via : Initial Calibration
DataAcq Meth : 8260
IS QA File : X:\MSVOA\BUDDHA\082807\B0828009.D (28 Aug 2007 10:24)

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min) Rcv(Ar)
1) Fluorobenzene	6.17	96	672485	50.00	ug/l	-0.07 100.32%
54) Chlorobenzene-d5	9.36	117	537981	50.00	ug/l	-0.06 135.07%
74) 1,4-Dichlorobenzene-d4	11.67	152	335710	50.00	ug/l	-0.06 242.26%

System Monitoring Compounds						
37) Dibromofluoromethane	5.42	111	265930	77.78	ug/l	-0.08
Spiked Amount 50.000	Range 65 - 135		Recovery = 155.56%#			
40) 1,2-Dichloroethane-d4	5.81	65	246302	66.19	ug/l	-0.07
Spiked Amount 50.000	Range 52 - 149		Recovery = 132.38%			
55) Toluene-d8	7.88	98	939839	55.43	ug/l	-0.07
Spiked Amount 50.000	Range 85 - 115		Recovery = 110.86%			
76) 4-Bromofluorobenzene	10.53	95	397213	56.29	ug/l	-0.07
Spiked Amount 50.000	Range 85 - 120		Recovery = 112.58%			

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.09	85	573109	671.64	ug/l	98
3) Chloromethane	1.22	50	901845	505.73	ug/l	100
4) Vinyl Chloride	1.32	62	801267	481.13	ug/l	97
5) Bromomethane	1.56	96	350803m	314.72	ug/l #	0
6) Chloroethane	1.65	64	408282	321.52	ug/l	98
7) Trichlorofluoromethane	1.84	101	921586	272.43	ug/l	98
8) Acrolein	2.29	56	59809	300.92	ug/l	92
9) 1,1-Dichloroethene	2.33	96	670707	228.05	ug/l	92
10) 1,1,2-Trichloro-1,2,2-trif	2.33	101	648008	301.43	ug/l	96
11) Acetone	2.47	43	263234	192.97	ug/l	91
12) Iodomethane	2.49	142	1354007	297.59	ug/l	98
13) Bromoethane	2.52	108	646868	218.33	ug/l	92
14) Carbon Disulfide	2.53	76	2323111	285.26	ug/l	100
15) Allyl chloride	2.74	76	447007	209.01	ug/l	95
16) Acetonitrile	2.80	41	838459	2707.75	ug/l	89
17) Methyl Acetate	2.81	43	744090	184.23	ug/l	100
18) Methylene Chloride	2.91	84	905186	102.98	ug/l	95
19) trans-1,2-Dichloroethene	3.21	96	810606	198.04	ug/l	92
20) t-Butyl alcohol	3.18	59	587371	1377.33	ug/l #	1
21) Methyl tert-butyl ether	3.21	73	2445749	229.36	ug/l	99
22) Acrylonitrile	3.29	53	278039	216.68	ug/l	98

(#) = qualifier out of range (m) = manual integration

Quantitation Report

Data File : X:\MSVOA\BUDDHA\092807\B0928015.D Vial: 6
Acq On : 28 Sep 2007 13:48 Operator: LPM
Sample : VSTD200 Inst : Buddha
Misc : 5ML+STD+IS/SS+SS Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Sep 28 14:12 2007 Quant Results File: B8260S.RES

Quant Method : X:\MSVOA\BUDDHA\QUANT\B8260S.M (RTE Integrator)
Title : VOA 8260- 5ML Soil Calibration 5973B
Last Update : Fri Sep 28 14:05:34 2007
Response via : Initial Calibration
DataAcq Meth : 8260

Compound	R.T.	QIon	Response	Conc Unit	Qvalue
23) 1,1-Dichloroethane	3.83	63	1366711	192.27 ug/l	97
24) Chloroprene	3.94	53	994189	194.31 ug/l	98
25) Isopropyl ether	3.92	45	2862987	214.12 ug/l	98
26) Vinyl acetate	3.97	43	2320749	214.79 ug/l	98
27) Ethyl-t-butyl ether	4.49	59	2629022	236.76 ug/l	98
28) 2,2-Dichloropropane	4.67	77	915190	216.54 ug/l	98
29) cis-1,2-Dichloroethene	4.73	96	884406	211.84 ug/l	93
30) 2-Butanone	4.83	43	453426	196.00 ug/l	94
31) Propionitrile	4.95	54	1375602	2326.53 ug/l	95
32) Bromochloromethane	5.07	128	462883	219.51 ug/l	98
33) Methacrylonitrile	5.11	41	5543876	1762.60 ug/l	93
34) Chloroform	5.21	83	1334640	191.12 ug/l	99
35) 1,1,1-Trichloroethane	5.33	97	1052249	193.36 ug/l	95
36) Cyclohexane	5.34	56	1257172	209.31 ug/l	98
38) Carbon Tetrachloride	5.52	117	938306	188.08 ug/l	95
39) 1,1-Dichloropropene	5.55	75	953446	189.27 ug/l	91
41) Benzene	5.80	78	3356514	200.77 ug/l	100
42) 1,2-Dichloroethane	5.90	62	996610	181.05 ug/l	97
43) t-Amyl methyl ether	5.96	73	2536264	248.76 ug/l	99
44) Isobutanol	5.96	43	1918554	4958.61 ug/l #	81
45) Trichloroethene	6.58	130	873579	197.34 ug/l	95
46) Methylcyclohexane	6.71	83	1348155	211.36 ug/l	98
47) 1,2-Dichloropropane	6.85	63	809173	199.12 ug/l	97
48) Dibromomethane	7.00	93	476316	214.31 ug/l	92
49) Methyl methacrylate	7.02	41	716037	166.47 ug/l	90
50) Bromodichloromethane	7.20	83	1072654	209.18 ug/l	99
51) 2-Chloroethyl vinyl ether	7.53	63	392101	158.87 ug/l	98
52) cis-1,3-Dichloropropene	7.66	75	1273998	224.61 ug/l	98
53) 4-Methyl-2-pentanone	7.84	43	915827	198.56 ug/l	98
56) Toluene	7.95	92	1982238	142.35 ug/l	97
57) trans-1,3-Dichloropropene	8.26	75	1174290	161.94 ug/l	100
58) Ethyl methacrylate	8.33	69	1023149	146.80 ug/l	92
59) 1,1,2-Trichloroethane	8.44	97	717759	162.93 ug/l	98
60) Tetrachloroethene	8.49	166	872461	149.43 ug/l	95
61) 1,3-Dichloropropane	8.60	76	1175701	155.55 ug/l	96
62) 2-Hexanone	8.69	43	640083	129.18 ug/l	93
63) Dibromochloromethane	8.83	129	874641	193.07 ug/l	98
64) 1,2-Dibromoethane	8.91	107	756818	185.78 ug/l	97
65) 1-Chlorohexane	9.36	91	895270	157.15 ug/l	99
66) Chlorobenzene	9.39	112	2277519	182.80 ug/l	96
67) 1,1,1,2-Tetrachloroethane	9.49	131	895710	207.84 ug/l	99

(#) = qualifier out of range (m) = manual integration

Quantitation Report

Data File : X:\MSVOA\BUDDHA\092807\B0928015.D Vial: 6
Acq On : 28 Sep 2007 13:48 Operator: LPM
Sample : VSTD200 Inst : Buddha
Misc : 5ML+STD+IS/SS+SS Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Sep 28 14:12 2007 Quant Results File: B8260S.RES

Quant Method : X:\MSVOA\BUDDHA\QUANT\B8260S.M (RTE Integrator)
Title : VOA 8260- 5ML Soil Calibration 5973B
Last Update : Fri Sep 28 14:05:34 2007
Response via : Initial Calibration
DataAcq Meth : 8260

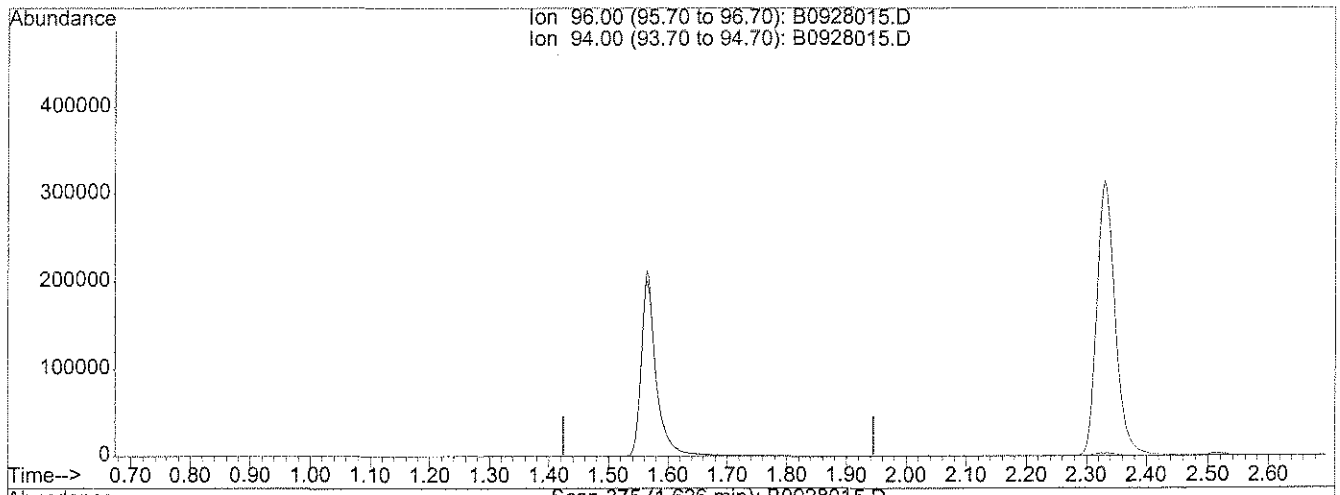
	Compound	R.T.	QIon	Response	Conc Unit		Qvalue
68)	Ethylbenzene	9.49	91	3752388	178.71 ug/l		99
69)	m,p-Xylene	9.60	106	2973352	371.55 ug/l		99
70)	o-xylene	10.00	106	1552206	240.09 ug/l		96
71)	Styrene	10.03	104	2823703	238.28 ug/l		98
72)	Bromoform	10.25	173	740611	317.99 ug/l		100
73)	Isopropylbenzene	10.36	105	3674331	248.81 ug/l		98
75)	trans-1,4-Dichloro-2-buten	10.50	53	343291	135.73 ug/l		93
77)	Bromobenzene	10.67	156	1234215	158.37 ug/l		91
78)	1,1,2,2-Tetrachloroethane	10.74	83	1187934	166.38 ug/l		96
79)	1,2,3-Trichloropropane	10.77	110	337128	147.69 ug/l	#	59
80)	n-Propylbenzene	10.77	120	1113843	140.43 ug/l		89
81)	2-Chlorotoluene	10.86	91	2839912	153.33 ug/l		100
82)	4-Chlorotoluene	10.97	91	3269811	153.51 ug/l		93
83)	1,3,5-Trimethylbenzene	10.95	105	3581655	169.13 ug/l		98
84)	tert-Butylbenzene	11.26	119	3037619	178.67 ug/l		95
85)	1,2,4-Trimethylbenzene	11.31	105	3709228	181.67 ug/l		98
86)	sec-butylbenzene	11.47	105	4392453	180.71 ug/l		98
87)	1,3-Dichlorobenzene	11.61	146	2345374	195.02 ug/l		97
88)	4-Isopropyltoluene	11.62	119	4061435	193.19 ug/l		98
89)	1,4-Dichlorobenzene	11.70	146	2361333	187.45 ug/l		99
90)	1,2-Dichlorobenzene	12.07	146	2229379	200.55 ug/l		99
91)	n-Butylbenzene	12.03	91	3697719	198.70 ug/l		99
92)	1,2-Dibromo-3-chloropropan	12.87	75	231855	203.14 ug/l		95
93)	1,2,4-Trichlorobenzene	13.65	180	1744597	275.98 ug/l		98
94)	Hexachlorobutadiene	13.79	225	870336	198.57 ug/l		99
95)	Naphthalene	13.89	128	4091021	226.69 ug/l		99
96)	1,2,3-Trichlorobenzene	14.14	180	1579652	280.11 ug/l		99

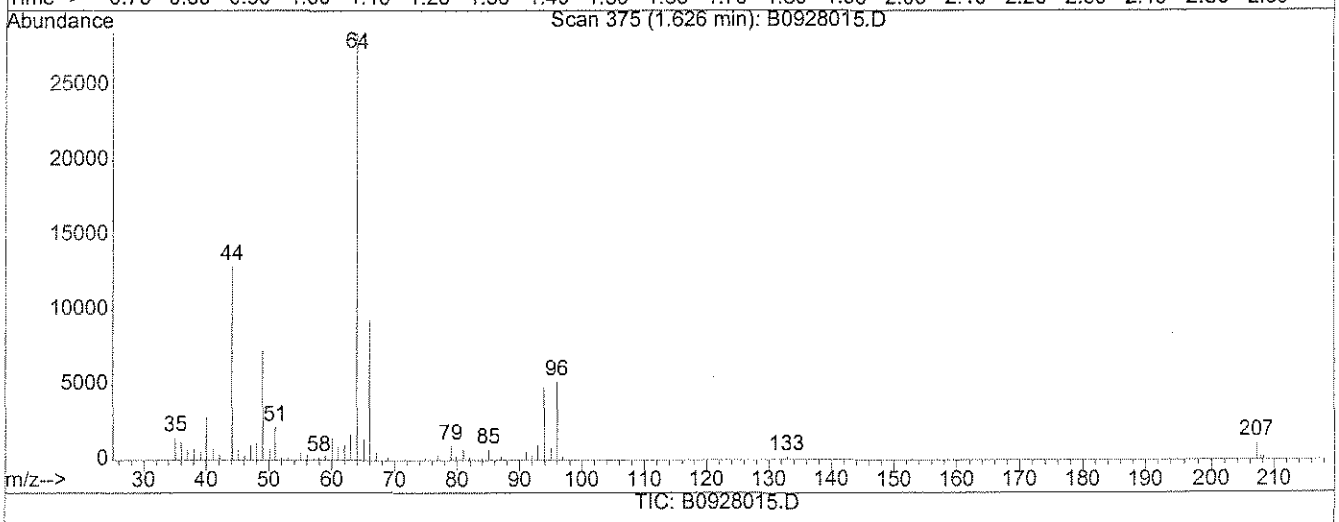
(#) = qualifier out of range (m) = manual integration

Quantitation Report (Qedit)

Data File : X:\MSVOA\BUDDHA\092807\B0928015.D Vial: 6
Acq On : 28 Sep 2007 13:48 Operator: LPM
Sample : VSTD200 Inst : Buddha
Misc : 5ML+STD+IS/SS+SS Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Sep 28 14:09 2007 Quant Results File: temp.res

Method : X:\MSVOA\BUDDHA\QUANT\B8260S.M (RTE Integrator)
Title : VOA 8260- 5ML Soil Calibration 5973B
Last Update : Wed Sep 12 11:53:17 2007
Response via : Multiple Level Calibration





(5) Bromomethane (T)

1.63min 0.00ug/l

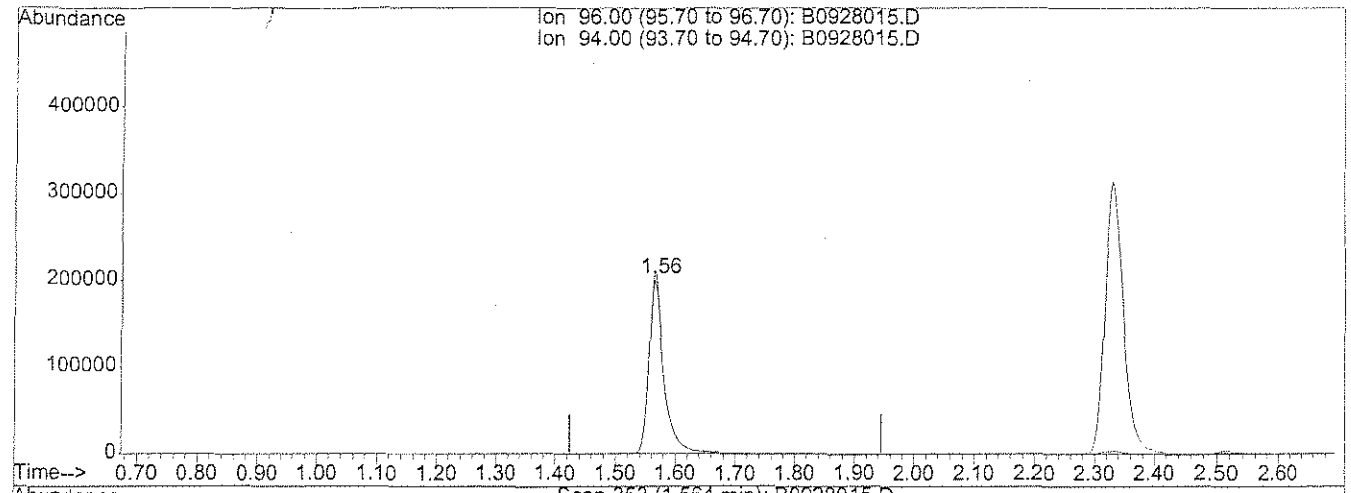
response 0

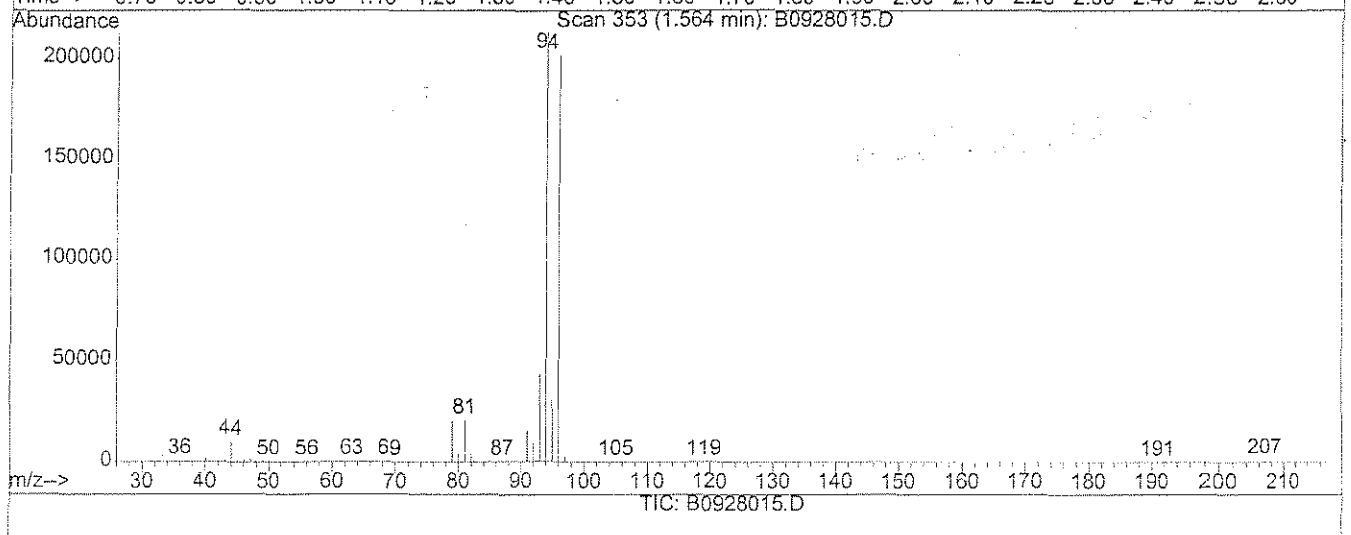
Ion	Exp%	Act%
96.00	100	0.00
94.00	104.90	0.00#
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data File : X:\MSVOA\BUDDHA\092807\B0928015.D Vial: 6
Acq On : 28 Sep 2007 13:48 Operator: LPM
Sample : VSTD200 Inst : Buddha
Misc : 5ML+STD+IS/SS+SS Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Sep 28 14:12 2007 Quant Results File: temp.res

Method : X:\MSVOA\BUDDHA\QUANT\B8260S.M (RTE Integrator)
Title : VOA 8260- 5ML Soil Calibration 5973B
Last Update : Fri Sep 28 14:05:34 2007
Response via : Multiple Level Calibration





(5) Bromomethane (T)

1.56min 314.72ug/l m

response 350803

Ion	Exp%	Act%
96.00	100	100
94.00	104.90	0.00#
0.00	0.00	0.00
0.00	0.00	0.00

INITIAL
SECOND SOURCE CALIBRATION VERIFICATION

Lab Name: Laucks Testing Laboratories, Inc.

Initial Calibration ID: B8260S-092807

Instrument ID: 5973B

Concentration Units: ug/L

2nd Source ID: ICV092807MVOSB2

Analyte	Equation Type	Expected	Found	%D
1,1,1,2-Tetrachloroethane	A	50.00	52.93	5.86
1,1,1-Trichloroethane	A	50.00	61.08	22.16
1,1,2,2-Tetrachloroethane	A	50.00	52.75	5.50
1,1,2-Trichloro-1,2,2-trifluoroetha	A	50.00	0.00	100.00
1,1,2-Trichloroethane	A	50.00	50.07	0.14
1,1-Dichloroethane	A	50.00	58.39	16.78
1,1-Dichloroethene	A	50.00	58.90	17.80
1,1-Dichloropropene	A	50.00	57.93	15.86
1,2,3-Trichlorobenzene	A	50.00	49.89	0.22
1,2,3-Trichloropropane	A	50.00	54.98	9.96
1,2,4-Trichlorobenzene	A	50.00	50.79	1.58
1,2,4-Trimethylbenzene	A	50.00	53.50	7.00
1,2-Dibromo-3-chloropropane	A	50.00	58.20	16.40
1,2-Dibromoethane	A	50.00	52.57	5.14
1,2-Dichlorobenzene	A	50.00	50.60	1.20
1,2-Dichloroethane	A	50.00	53.29	6.58
1,2-Dichloroethane-d4	A	50.00	52.28	4.56
1,2-Dichloropropane	A	50.00	51.09	2.18
1,3,5-Trimethylbenzene	A	50.00	53.76	7.52
1,3-Dichlorobenzene	A	50.00	52.34	4.68
1,3-Dichloropropane	A	50.00	50.78	1.56
1,4-Dichlorobenzene	A	50.00	52.70	5.40
1-Chlorohexane	A	50.00	56.77	13.54
2,2-Dichloropropane	A	50.00	61.00	22.00
2-Butanone	A	50.00	71.59	43.18
2-Chloroethylvinylether	A	50.00	0.00	100.00
2-Chlorotoluene	A	50.00	52.39	4.78
2-Hexanone	A	50.00	67.56	35.12
4-Chlorotoluene	A	50.00	52.86	5.72
4-Isopropyltoluene	A	50.00	55.90	11.80
4-Methyl-2-pentanone	A	50.00	64.67	29.34
Acetone	A	50.00	76.63	53.26
Acetonitrile	A	500.00	0.00	100.00
Acrylonitrile	A	50.00	0.00	100.00
Allyl chloride	A	50.00	0.00	100.00
Benzene	A	50.00	53.02	6.04
Bromobenzene	A	50.00	49.31	1.38
Bromochloromethane	A	50.00	54.98	9.96
Bromodichloromethane	A	50.00	51.52	3.04
Bromoethane	A	50.00	0.00	100.00
Bromoform	A	50.00	56.49	12.98
Bromomethane	A	50.00	48.11	3.78
Carbon disulfide	A	50.00	61.02	22.04

INITIAL
SECOND SOURCE CALIBRATION VERIFICATION

Lab Name: Laucks Testing Laboratories, Inc.

Initial Calibration ID: B8260S-092807

Instrument ID: 5973B

Concentration Units: ug/L

2nd Source ID: ICV092807MVOSB2

Analyte	Equation Type	Expected	Found	%D
Carbon tetrachloride	A	50.00	61.87	23.74
Chlorobenzene	A	50.00	53.05	6.10
Chloroethane	A	50.00	56.80	13.60
Chloroform	A	50.00	55.40	10.80
Chloromethane	A	50.00	54.16	8.32
Chloroprene	A	50.00	0.00	100.00
cis-1,2-Dichloroethene	A	50.00	55.82	11.64
cis-1,3-Dichloropropene	A	50.00	52.55	5.10
Cyclohexane	A	50.00	0.00	100.00
Dibromochloromethane	A	50.00	53.41	6.82
Dibromofluoromethane	A	50.00	52.06	4.12
Dibromomethane	A	50.00	54.71	9.42
Dichlorodifluoromethane	A	50.00	60.82	21.64
Ethyl methacrylate	A	50.00	0.00	100.00
Ethyl-t-Butyl Ether(ETBE)	A	50.00	54.90	9.80
Ethylbenzene	A	50.00	52.64	5.28
Hexachlorobutadiene	A	50.00	50.61	1.22
Iodomethane	A	50.00	0.00	100.00
Isobutanol	A	1000.00	0.00	100.00
Isopropyl ether	A	50.00	54.47	8.94
Isopropylbenzene	A	50.00	59.74	19.48
m,p-Xylene	A	100.00	108.55	8.55
Methacrylonitrile	A	500.00	0.00	100.00
Methyl acetate	A	50.00	0.00	100.00
Methyl methacrylate	A	50.00	0.00	100.00
Methyl tert-butyl ether	A	50.00	55.89	11.78
Methylcyclohexane	A	50.00	0.00	100.00
n-Butylbenzene	A	50.00	54.84	9.68
n-Propylbenzene	A	50.00	56.87	13.74
Naphthalene	A	50.00	54.07	8.14
o-Xylene	A	50.00	54.01	8.02
Propionitrile	A	500.00	0.00	100.00
sec-Butylbenzene	A	50.00	58.38	16.76
Styrene	A	50.00	52.03	4.06
t-Amyl Methyl Ether(TAME)	A	50.00	54.95	9.90
t-Butyl Alcohol	A	250.00	818.69	227.48
tert-Butylbenzene	A	50.00	56.32	12.64
Tetrachloroethene	A	50.00	57.67	15.34
Toluene	A	50.00	51.85	3.70
Toluene-d8	A	50.00	50.55	1.10
trans-1,2-Dichloroethene	A	50.00	59.72	19.44
trans-1,3-Dichloropropene	A	50.00	51.96	3.92
trans-1,4-Dichloro-2-butene	A	50.00	0.00	100.00

INITIAL
SECOND SOURCE CALIBRATION VERIFICATION

Lab Name: Laucks Testing Laboratories, Inc.

Initial Calibration ID: B8260S-092807

Instrument ID: 5973B

Concentration Units: ug/L

2nd Source ID: ICV092807MVOSB2

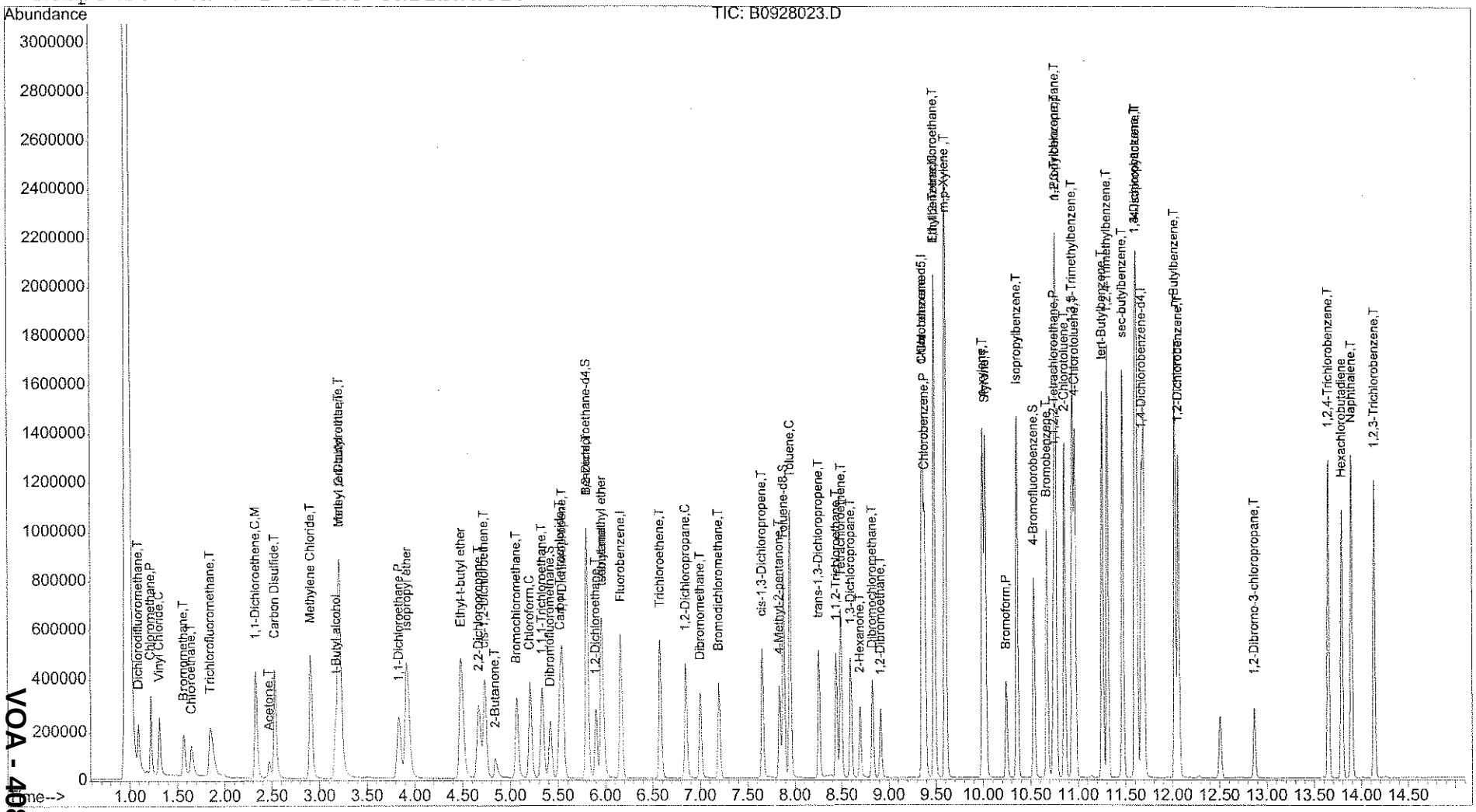
Analyte	Equation Type	Expected	Found	%D
Trichloroethene	A	50.00	54.05	8.10
Trichlorofluoromethane	A	50.00	61.70	23.40
Vinyl acetate	A	50.00	0.00	100.00
Vinyl chloride	A	50.00	59.44	18.88
4-Bromofluorobenzene	A	50.00	49.61	0.78
Acrolein	L	50.00	0.00	100.00
Methylene chloride	Q	50.00	56.53	13.06

Q=Quadratic, L=Linear, A=Average

Quantitation Report

Data File : X:\MSVOA\BUDDHA\092807\B0928023.D Vial: 4
Acq On : 28 Sep 2007 17:22 Operator: DGA
Sample : ICV092807MVOSB2 Inst : Buddha
Misc : 5ML PFW+STD(MV8-43-4)+IS/SS Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Oct 1 12:31 2007 Quant Results File: B8260S.RES

Method : X:\MSVOA\BUDDHA\QUANT\B8260S.M (RTE Integrator)
Title : VOA 8260- 5ML Soil Calibration 5973B
Last Update : Fri Sep 28 16:30:36 2007
Response via : Initial Calibration



Quantitation Report

Data File : X:\MSVOA\BUDDHA\092807\B0928023.D Vial: 4
Acq On : 28 Sep 2007 17:22 Operator: DGA
Sample : ICV092807MVOSB2 Inst : Buddha
Misc : 5ML PFW+STD(MV8-43-4)+IS/SS Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Oct 1 12:31 2007 Quant Results File: B8260S.RES

Quant Method : X:\MSVOA\BUDDHA\QUANT\B8260S.M (RTE Integrator)
Title : VOA 8260- 5ML Soil Calibration 5973B
Last Update : Mon Oct 01 11:21:23 2007
Response via : Initial Calibration
DataAcq Meth : 8260
IS QA File : X:\MSVOA\BUDDHA\092807\B0928013.D (28 Sep 2007 12:55)

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min) Rcv(Ar)
1) Fluorobenzene	6.17	96	554848	50.00 ug/l	0.00 88.76%
54) Chlorobenzene-d5	9.36	117	455602	50.00 ug/l	0.00 90.35%
74) 1,4-Dichlorobenzene-d4	11.67	152	304417	50.00 ug/l	0.00 91.88%

System Monitoring Compounds

37) Dibromofluoromethane	5.42	111	162986	52.06 ug/l	0.00
Spiked Amount 50.000	Range 65 - 135		Recovery = 104.12%		
40) 1,2-Dichloroethane-d4	5.81	65	146159	52.28 ug/l	0.00
Spiked Amount 50.000	Range 52 - 149		Recovery = 104.56%		
55) Toluene-d8	7.88	98	522599	50.55 ug/l	0.00
Spiked Amount 50.000	Range 85 - 115		Recovery = 101.10%		
76) 4-Bromofluorobenzene	10.53	95	237424	49.61 ug/l	0.00
Spiked Amount 50.000	Range 85 - 120		Recovery = 99.22%		

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.09	85	160106	60.82 ug/l	97
3) Chloromethane	1.22	50	240955	54.16 ug/l	99
4) Vinyl Chloride	1.31	62	223781	59.44 ug/l	96
5) Bromomethane	1.57	96	114888	48.11 ug/l	100
6) Chloroethane	1.65	64	123575	56.80 ug/l	98
7) Trichlorofluoromethane	1.85	101	261547	61.70 ug/l #	98
8) Acrolein	2.30	56	496	Below Cal #	44
9) 1,1-Dichloroethene	2.33	96	186709	58.90 ug/l	92
10) 1,1,2-Trichloro-1,2,2-trif	0.00	101	0	N.D.	
11) Acetone	2.47	43	96482	76.63 ug/l	92
12) Iodomethane	2.50	142	126	N.D.	
13) Bromoethane	2.54	108	193	N.D.	
14) Carbon Disulfide	2.53	76	656821	61.02 ug/l	100
15) Allyl chloride	0.00	76	0	N.D.	
16) Acetonitrile	0.00	41	0	N.D.	
17) Methyl Acetate	0.00	43	0	N.D.	
18) Methylene Chloride	2.91	84	265697	56.53 ug/l	95
19) trans-1,2-Dichloroethene	3.21	96	217733	59.72 ug/l	91
20) t-Butyl alcohol	3.17	59	396455	818.69 ug/l #	78
21) Methyl tert-butyl ether	3.21	73	627143	55.89 ug/l	92
22) Acrylonitrile	3.29	53	101	N.D.	

(#) = qualifier out of range (m) = manual integration

Quantitation Report

Data File : X:\MSVOA\BUDDHA\092807\B0928023.D Vial: 4
Acq On : 28 Sep 2007 17:22 Operator: DGA
Sample : ICV092807MVOSB2 Inst : Buddha
Misc : 5ML PFW+STD(MV8-43-4)+IS/SS Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Oct 1 12:31 2007 Quant Results File: B8260S.RES

Quant Method : X:\MSVOA\BUDDHA\QUANT\B8260S.M (RTE Integrator)
Title : VOA 8260- 5ML Soil Calibration 5973B
Last Update : Mon Oct 01 11:21:23 2007
Response via : Initial Calibration
DataAcq Meth : 8260

Compound	R.T.	QIon	Response	Conc Unit	Qvalue
23) 1,1-Dichloroethane	3.83	63	365939	58.39 ug/l	97
24) Chloroprene	3.94	53	25	N.D.	
25) Isopropyl ether	3.92	45	696773	54.47 ug/l	96
26) Vinyl acetate	0.00	43	0	N.D. d	
27) Ethyl-t-butyl ether	4.49	59	650723	54.90 ug/l	99
28) 2,2-Dichloropropane	4.67	77	275117	61.00 ug/l	98
29) cis-1,2-Dichloroethene	4.73	96	230208	55.82 ug/l	90
30) 2-Butanone	4.84	43	130980	71.59 ug/l	94
31) Propionitrile	4.99	54	856	N.D.	
32) Bromochloromethane	5.07	128	116217	54.98 ug/l	92
33) Methacrylonitrile	0.00	41	0	N.D.	
34) Chloroform	5.21	83	343082	55.40 ug/l	99
35) 1,1,1-Trichloroethane	5.34	97	297905	61.08 ug/l	95
36) Cyclohexane	5.33	56	69	N.D.	
38) Carbon Tetrachloride	5.52	117	261529	61.87 ug/l	94
39) 1,1-Dichloropropene	5.55	75	243612	57.93 ug/l	92
41) Benzene	5.81	78	775791	53.02 ug/l	100
42) 1,2-Dichloroethane	5.90	62	232923	53.29 ug/l	97
43) t-Amyl methyl ether	5.97	73	625347	54.95 ug/l	98
44) Isobutanol	5.96	43	205700	506.59 ug/l #	62
45) Trichloroethene	6.58	130	202792	54.05 ug/l	95
46) Methylcyclohexane	0.00	83	0	N.D.	
47) 1,2-Dichloropropane	6.85	63	175133	51.09 ug/l	98
48) Dibromomethane	7.00	93	114786	54.71 ug/l	94
49) Methyl methacrylate	0.00	41	0	N.D.	
50) Bromodichloromethane	7.20	83	235715	51.52 ug/l	98
51) 2-Chloroethyl vinyl ether	0.00	63	0	N.D.	
52) cis-1,3-Dichloropropene	7.66	75	278574	52.55 ug/l	100
53) 4-Methyl-2-pentanone	7.84	43	248624	64.67 ug/l	98
56) Toluene	7.95	92	435023	51.85 ug/l	98
57) trans-1,3-Dichloropropene	8.26	75	254923	51.96 ug/l	99
58) Ethyl methacrylate	8.34	69	4030	N.D.	
59) 1,1,2-Trichloroethane	8.44	97	154665	50.07 ug/l	98
60) Tetrachloroethene	8.49	166	213401	57.67 ug/l	95
61) 1,3-Dichloropropane	8.60	76	255969	50.78 ug/l	96
62) 2-Hexanone	8.70	43	174344	67.56 ug/l	93
63) Dibromochloromethane	8.83	129	201287	53.41 ug/l	98
64) 1,2-Dibromoethane	8.91	107	174170	52.57 ug/l	96
65) 1-Chlorohexane	9.36	91	219340	56.77 ug/l	97
66) Chlorobenzene	9.39	112	535132	53.05 ug/l	96
67) 1,1,1,2-Tetrachloroethane	9.49	131	211323	52.93 ug/l	99

(#) = qualifier out of range (m) = manual integration

Quantitation Report

Data File : X:\MSVOA\BUDDHA\092807\B0928023.D Vial: 4
Acq On : 28 Sep 2007 17:22 Operator: DGA
Sample : ICV092807MVOSB2 Inst : Buddha
Misc : 5ML PFW+STD(MV8-43-4)+IS/SS Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Oct 1 12:31 2007 Quant Results File: B8260S.RES

Quant Method : X:\MSVOA\BUDDHA\QUANT\B8260S.M (RTE Integrator)
Title : VOA 8260- 5ML Soil Calibration 5973B
Last Update : Mon Oct 01 11:21:23 2007
Response via : Initial Calibration
DataAcq Meth : 8260

	Compound	R.T.	QIon	Response	Conc Unit	Qvalue
68)	Ethylbenzene	9.49	91	857190	52.64 ug/l	99
69)	m,p-Xylene	9.60	106	713367	108.55 ug/l	97
70)	o-xylene	10.00	106	372527	54.01 ug/l	96
71)	Styrene	10.02	104	636079	52.03 ug/l	100
72)	Bromoform	10.24	173	180801	56.49 ug/l	100
73)	Isopropylbenzene	10.36	105	946068	59.74 ug/l	99
75)	trans-1,4-Dichloro-2-buten	0.00	53	0	N.D. d	
77)	Bromobenzene	10.67	156	284253	49.31 ug/l	91
78)	1,1,2,2-Tetrachloroethane	10.74	83	293170	52.75 ug/l	96
79)	1,2,3-Trichloropropane	10.77	110	88134	54.98 ug/l	99
80)	n-Propylbenzene	10.77	120	282487	56.87 ug/l	94
81)	2-Chlorotoluene	10.86	91	699849	52.39 ug/l	99
82)	4-Chlorotoluene	10.97	91	813370	52.86 ug/l	94
83)	1,3,5-Trimethylbenzene	10.94	105	868312	53.76 ug/l	98
84)	tert-Butylbenzene	11.26	119	758183	56.32 ug/l	95
85)	1,2,4-Trimethylbenzene	11.31	105	897044	53.50 ug/l	98
86)	sec-butylbenzene	11.47	105	1132417	58.38 ug/l	99
87)	1,3-Dichlorobenzene	11.60	146	572020	52.34 ug/l	97
88)	4-Isopropyltoluene	11.62	119	1016423	55.90 ug/l	98
89)	1,4-Dichlorobenzene	11.60	146	572020	52.03 ug/l	99
90)	1,2-Dichlorobenzene	12.07	146	532986	50.60 ug/l	100
91)	n-Butylbenzene	12.03	91	905348	54.84 ug/l	99
92)	1,2-Dibromo-3-chloropropan	12.87	75	62270	58.20 ug/l	93
93)	1,2,4-Trichlorobenzene	13.65	180	411764	50.79 ug/l	98
94)	Hexachlorobutadiene	13.79	225	221681	50.61 ug/l	100
95)	Naphthalene	13.89	128	988420	54.07 ug/l	99
96)	1,2,3-Trichlorobenzene	14.14	180	373794	49.89 ug/l	100

(#) = qualifier out of range (m) = manual integration

VOLATILE CONTINUING CALIBRATION CHECK

Lab Name: Laucks Testing Laboratories, Inc

Contract:

Run Sequence: R022318

SDG No.: TT02001

Instrument ID: 5973B

Calibration Date: 10/09/2007 Time: 07:54

Lab File ID: B1009008.D

Init. Calib. Date(s): 09/28/2007 09/28/2007

Client Sample No.: VSTD050B2

Init. Calib. Time(s): 10:47 13:48 11/8/07

Heated Purge: (Y/N) Y

GC Column: ZB-624 20m ID: 0.18 (mm)

Compound	Equation Type	RF 50.0	%D	%Drift
DICHLORODIFLUOROMETHANE	A	0.205	13.52	
CHLOROMETHANE	A	0.381	4.89	
VINYL CHLORIDE	A	0.327	3.45	
BROMOMETHANE	A	0.205	4.51	
CHLOROETHANE	A	0.203	-3.71	
TRICHLOROFLUOROMETHANE	A	0.441	-15.44	
1,1-DICHLOROETHENE	A	0.315	-10.08	
1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	A	0.316	-24.11*	
ACETONE	A	0.105	6.99	
CARBON DISULFIDE	A	0.962	0.79	
METHYL ACETATE	A	0.273	6.63	
METHYLENE CHLORIDE	Q	0.555		45.62*
METHYL TERT-BUTYL ETHER	A	0.928	8.23	
TRANS-1,2-DICHLOROETHENE	A	0.372	-13.17	
1,1-DICHLOROETHANE	A	0.581	-2.90	
CIS-1,2-DICHLOROETHENE	A	0.369	0.85	
2-BUTANONE	A	0.140	15.35	
CHLOROFORM	A	0.574	-2.81	
1,1,1-TRICHLOROETHANE	A	0.489	-11.33	
CYCLOHEXANE	A	0.569	-16.53	
CARBON TETRACHLORIDE	A	0.455	-19.33	
BENZENE	A	1.316	0.14	
1,2-DICHLOROETHANE	A	0.389	1.32	
TRICHLOROETHENE	A	0.340	-0.66	
METHYLCYCLOHEXANE	A	0.595	-16.61	
1,2-DICHLOROPROPANE	A	0.316	-2.39	
BROMODICHLOROMETHANE	A	0.434	-5.35	
CIS-1,3-DICHLOROPROPENE	A	0.494	-3.43	
4-METHYL-2-PENTANONE	A	0.325	6.13	
TOLUENE	A	0.920	0.06	
TRANS-1,3-DICHLOROPROPENE	A	0.498	7.35	
1,1,2-TRICHLOROETHANE	A	0.325	4.21	

* = %D or %Drift above limit

= %D or %Drift limts are not configured

VOLATILE CONTINUING CALIBRATION CHECK

Lab Name: Laucks Testing Laboratories, Inc

Contract:

Run Sequence: R022318

SDG No.: TT02001

Instrument ID: 5973B

Calibration Date: 10/09/2007 Time: 07:54

Lab File ID: B1009008.D

Init. Calib. Date(s): 09/28/2007 09/28/2007

Client Sample No.: VSTD050B2

Init. Calib. Time(s): 10:47 13:48 11/8/07

Heated Purge: (Y/N) Y

GC Column: ZB-624 20m ID: 0.18 (mm)

Compound	Equation Type	RF 50.0	%D	%Drift
TETRACHLOROETHENE	A	0.423	-4.28	
2-HEXANONE	A	0.266	6.15	
DIBROMOCHLOROMETHANE	A	0.407	1.61	
1,2-DIBROMOETHANE	A	0.341	6.27	
CHLOROBENZENE	A	1.122	-1.38	
ETHYLBENZENE	A	1.840	-2.95	
M,P-XYLENE	A	0.728	-1.03	
O-XYLENE	A	0.725	4.26	
STYRENE	A	1.312	2.24	
BROMOFORM	A	0.331	5.72	
ISOPROPYLBENZENE	A	1.744	-0.36	
1,1,2,2-TETRACHLOROETHANE	A	0.845	7.48	
1,3-DICHLOROBENZENE	A	1.814	-1.07	
1,4-DICHLOROBENZENE	A	1.833	-1.48	
1,2-DICHLOROBENZENE	A	1.729	0.05	
1,2-DIBROMO-3-CHLOROPROPANE	A	0.154	12.62	
1,2,4-TRICHLOROBENZENE	A	1.299	2.50	
DIBROMOFLUOROMETHANE	A	0.264	6.45	
1,2-DICHLOROETHANE-D4	A	0.227	9.86	
TOLUENE-D8	A	1.033	8.99	
4-BROMOFLUOROBENZENE	A	0.697	11.27	

* = %D or %Drift above limit

= %D or %Drift limts are not configured

Evaluate Continuing Calibration Report

Data File : X:\MSVOA\BUDDHA\100907\B1009008.D Vial: 3
Acq On : 9 Oct 2007 7:54 Operator: LPM
Sample : VSTD050B2 Inst : Buddha
Misc : 5ML PFW+STD(MV8-42-18)+IS/SS+SS(MV-8-40- Multiplr: 1.00
MS Integration Params: rteint.p

Method : X:\MSVOA\BUDDHA\QUANT\B8260S.M (RTE Integrator)
Title : VOA 8260- 5ML Soil Calibration 5973B
Last Update : Fri Sep 28 16:30:36 2007
Response via : Multiple Level Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
1	I	Fluorobenzene	50.000	50.000	0.0	74	0.00
2	T	Dichlorodifluoromethane	50.000	43.201	13.6	60	0.00
3	P	Chloromethane	50.000	47.563	4.9	72	0.00
4	C	Vinyl Chloride	50.000	48.234	3.5	71	0.00
5	T	Bromomethane	50.000	47.700	4.6	76	0.00
6	T	Chloroethane	50.000	51.838	-3.7	76	0.00
7	T	Trichlorofluoromethane	50.000	57.725	-15.5	82	0.00
8	T	Acrolein	50.000	46.636	6.7	74	0.00
9	C,M	1,1-Dichloroethene	50.000	55.101	-10.2	82	0.00
10	T	1,1,2-Trichloro-1,2,2-trifl	50.000	62.020	-24.0	83	0.00
11	T	Acetone	50.000	46.320	7.4	76	0.00
12	T	Iodomethane	50.000	50.655	-1.3	73	0.00
13	T	Bromoethane	50.000	55.764	-11.5	81	0.00
14	T	Carbon Disulfide	50.000	49.609	0.8	72	0.00
15	T	Allyl chloride	50.000	52.943	-5.9	76	0.00
16		Acetonitrile	500.000	529.952	-6.0	87	0.00
17		Methyl Acetate	50.000	46.642	6.7	72	0.00
18	T	Methylene Chloride	50.000	72.806	-45.6#	95	0.00
19	T	trans-1,2-Dichloroethene	50.000	56.659	-13.3	79	0.00
20		t-Butyl alcohol	250.000	187.860	24.9	57	0.00
21	T	Methyl tert-butyl ether	50.000	45.881	8.2	67	0.00
22	T	Acrylonitrile	50.000	48.047	3.9	74	0.00
23	P	1,1-Dichloroethane	50.000	51.470	-2.9	75	0.00
24	T	Chloroprene	50.000	51.591	-3.2	71	0.00
25		Isopropyl ether	50.000	48.220	3.6	69	0.00
26	T	Vinyl acetate	50.000	37.300	25.4#	54	0.00
27		Ethyl-t-butyl ether	50.000	44.677	10.6	64	0.00
28	T	2,2-Dichloropropane	50.000	49.721	0.6	73	0.00
29	T	cis-1,2-Dichloroethene	50.000	49.628	0.7	71	0.00
30	T	2-Butanone	50.000	42.355	15.3	66	0.00
31		Propionitrile	500.000	451.934	9.6	70	0.00
32	T	Bromochloromethane	50.000	51.425	-2.8	74	0.00
33	T	Methacrylonitrile	500.000	455.054	9.0	68	0.00
34	C	Chloroform	50.000	51.400	-2.8	76	0.00
35	T	1,1,1-Trichloroethane	50.000	55.603	-11.2	80	0.00
36		Cyclohexane	50.000	58.208	-16.4	77	0.00
37	S	Dibromofluoromethane	65.000	60.784	6.5	69	0.00
38	T	Carbon Tetrachloride	50.000	59.674	-19.3	85	0.00
39	T	1,1-Dichloropropene	50.000	49.814	0.4	71	0.00
40	S	1,2-Dichloroethane-d4	65.000	58.609	9.8	67	0.00
41	T	Benzene	50.000	49.914	0.2	72	0.00

(#) = Out of Range

Evaluate Continuing Calibration Report

Data File : X:\MSVOA\BUDDHA\100907\B1009008.D Vial: 3
Acq On : 9 Oct 2007 7:54 Operator: LPM
Sample : VSTD050B2 Inst : Buddha
Misc : 5ML PFW+STD(MV8-42-18)+IS/SS+SS(MV-8-40- Multiplr: 1.00
MS Integration Params: rteint.p

Method : X:\MSVOA\BUDDHA\QUANT\B8260S.M (RTE Integrator)
Title : VOA 8260- 5ML Soil Calibration 5973B
Last Update : Fri Sep 28 16:30:36 2007
Response via : Multiple Level Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
42	T	1,2-Dichloroethane	50.000	49.353	1.3	71	0.00
43		t-Amyl methyl ether	50.000	44.317	11.4	64	0.00
44		Isobutanol	1000.000	845.579	15.4	63	0.00
45	T	Trichloroethene	50.000	50.317	-0.6	72	0.00
46		Methylcyclohexane	50.000	58.292	-16.6	77	0.00
47	C	1,2-Dichloropropane	50.000	51.211	-2.4	73	0.00
48	T	Dibromomethane	50.000	50.498	-1.0	75	0.00
49	T	Methyl methacrylate	50.000	48.437	3.1	71	0.00
50	T	Bromodichloromethane	50.000	52.635	-5.3	76	0.00
51	T	2-Chloroethyl vinyl ether	50.000	47.926	4.1	70	0.00
52	T	cis-1,3-Dichloropropene	50.000	51.749	-3.5	75	0.00
53	T	4-Methyl-2-pentanone	50.000	46.877	6.2	72	0.00
54	I	Chlorobenzene-d5	50.000	50.000	0.0	86	0.00
55	S	Toluene-d8	65.000	59.183	8.9	77	0.00
56	C	Toluene	50.000	49.983	0.0	83	0.00
57	T	trans-1,3-Dichloropropene	50.000	46.289	7.4	76	0.00
58	T	Ethyl methacrylate	50.000	47.208	5.6	79	0.00
59	T	1,1,2-Trichloroethane	50.000	47.891	4.2	81	0.00
60	T	Tetrachloroethene	50.000	52.123	-4.2	85	0.00
61	T	1,3-Dichloropropane	50.000	48.625	2.8	82	0.00
62	T	2-Hexanone	50.000	46.884	6.2	83	0.00
63	T	Dibromochloromethane	50.000	49.238	1.5	83	0.00
64	T	1,2-Dibromoethane	50.000	46.920	6.2	80	0.00
65		1-Chlorohexane	50.000	49.950	0.1	82	0.00
66	P	Chlorobenzene	50.000	50.686	-1.4	84	0.00
67	T	1,1,1,2-Tetrachloroethane	50.000	48.657	2.7	81	0.00
68	C	Ethylbenzene	50.000	51.469	-2.9	85	0.00
69	T	m,p-Xylene	100.000	100.998	-1.0	84	0.00
70	T	o-xylene	50.000	47.874	4.3	79	0.00
71	T	Styrene	50.000	48.889	2.2	79	0.00
72	P	Bromoform	50.000	47.106	5.8	80	0.00
73	T	Isopropylbenzene	50.000	50.180	-0.4	80	0.00
74	I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	80	0.00
75	T	trans-1,4-Dichloro-2-butene	50.000	44.638	10.7	73	0.00
76	S	4-Bromofluorobenzene	65.000	57.668	11.3	71	0.00
77	T	Bromobenzene	50.000	48.606	2.8	77	0.00
78	P	1,1,2,2-Tetrachloroethane	50.000	46.269	7.5	76	0.00
79	T	1,2,3-Trichloropropane	50.000	46.212	7.6	78	0.00
80	T	n-Propylbenzene	50.000	53.540	-7.1	81	0.00

(#) = Out of Range

Evaluate Continuing Calibration Report

Data File : X:\MSVOA\BUDDHA\100907\B1009008.D Vial: 3
Acq On : 9 Oct 2007 7:54 Operator: LPM
Sample : VSTD050B2 Inst : Buddha
Misc : 5ML PFW+STD(MV8-42-18)+IS/SS+SS(MV-8-40- Multiplr: 1.00
MS Integration Params: rteint.p

Method : X:\MSVOA\BUDDHA\QUANT\B8260S.M (RTE Integrator)
Title : VOA 8260- 5ML Soil Calibration 5973B
Last Update : Fri Sep 28 16:30:36 2007
Response via : Multiple Level Calibration

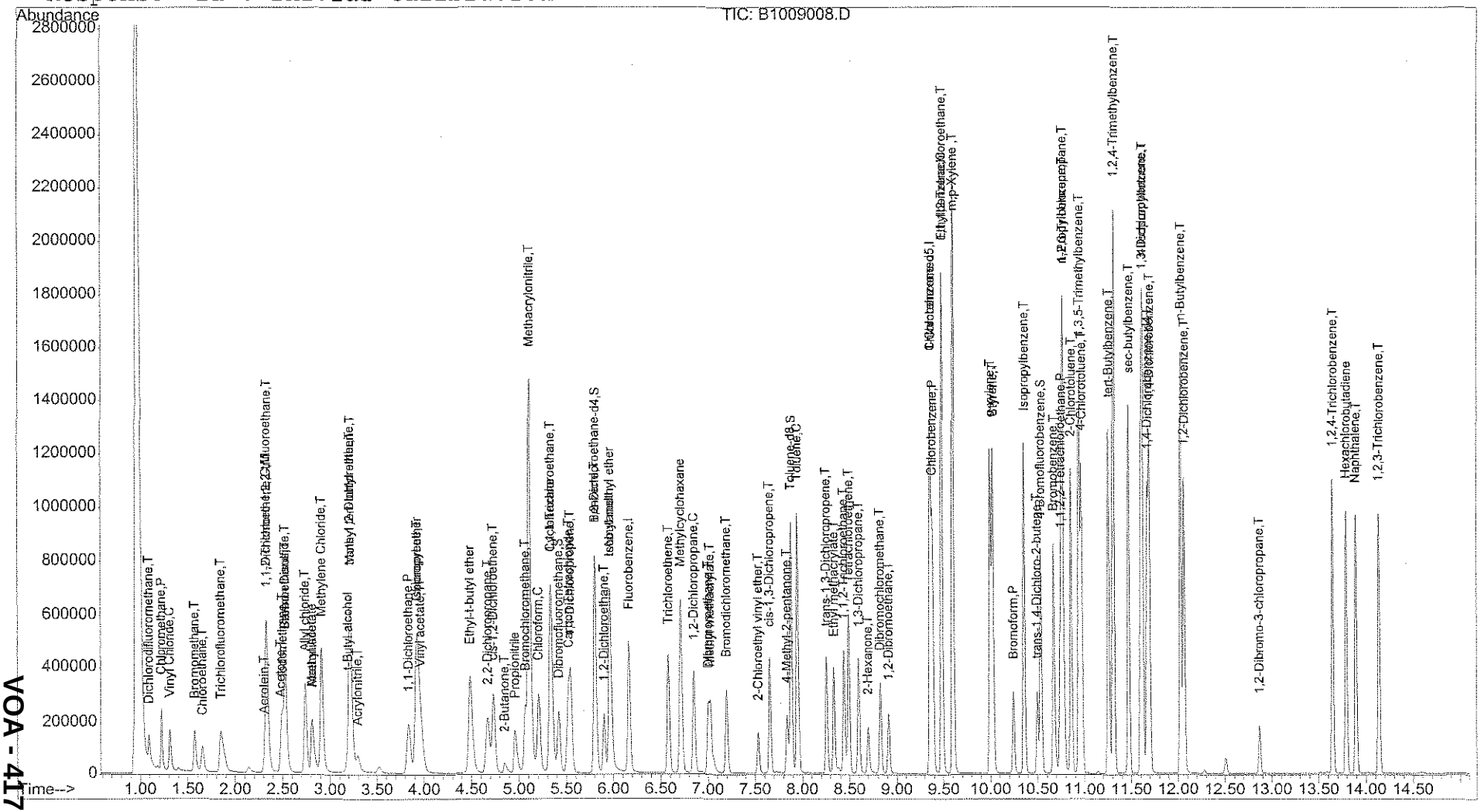
Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
81	T	2-Chlorotoluene	50.000	50.564	-1.1	80	0.00
82	T	4-Chlorotoluene	50.000	49.930	0.1	78	0.00
83	T	1,3,5-Trimethylbenzene	50.000	52.215	-4.4	80	0.00
84	T	tert-Butylbenzene	50.000	51.564	-3.1	78	0.00
85	T	1,2,4-Trimethylbenzene	50.000	51.305	-2.6	78	0.00
86	T	sec-butylbenzene	50.000	53.407	-6.8	80	0.00
87	T	1,3-Dichlorobenzene	50.000	50.534	-1.1	79	0.00
88	T	4-Isopropyltoluene	50.000	52.706	-5.4	79	0.00
89	T	1,4-Dichlorobenzene	50.000	50.747	-1.5	79	0.00
90	T	1,2-Dichlorobenzene	50.000	49.974	0.1	78	0.00
91	T	n-Butylbenzene	50.000	53.224	-6.4	79	0.00
92	T	1,2-Dibromo-3-chloropropane	50.000	43.758	12.5	73	0.00
93	T	1,2,4-Trichlorobenzene	50.000	48.765	2.5	74	0.00
94		Hexachlorobutadiene	50.000	51.802	-3.6	80	0.00
95	T	Naphthalene	50.000	45.543	8.9	71	0.00
96	T	1,2,3-Trichlorobenzene	50.000	48.430	3.1	75	0.00

Quantitation Report

Data File : X:\MSVOA\BUDDHA\100907\B1009008.D Vial: 3
Acq On : 9 Oct 2007 7:54 Operator: LPM
Sample : VSTD050B2 Inst : Buddha
Misc : 5ML PFW+STD(MV8-42-18)+IS/SS+SS(MV-8-40- Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Oct 10 7:40 2007 Quant Results File: B8260S.RES

Method : X:\MSVOA\BUDDHA\QUANT\B8260S.M (RTE Integrator)
Title : VOA 8260- 5ML Soil Calibration 5973B
Last Update : Fri Sep 28 16:30:36 2007
Response via : Initial Calibration



VOA - 417

Quantitation Report

Data File : X:\MSVOA\BUDDHA\100907\B1009008.D Vial: 3
Acq On : 9 Oct 2007 7:54 Operator: LPM
Sample : VSTD050B2 Inst : Buddha
Misc : 5ML PFW+STD(MV8-42-18)+IS/SS+SS(MV-8-40- Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Oct 10 7:40 2007 Quant Results File: B8260S.RES

Quant Method : X:\MSVOA\BUDDHA\QUANT\B8260S.M (RTE Integrator)
Title : VOA 8260- 5ML Soil Calibration 5973B
Last Update : Fri Sep 28 16:30:36 2007
Response via : Initial Calibration
DataAcq Meth : 8260
IS QA File : X:\MSVOA\BUDDHA\092807\B0928013.D (28 Sep 2007 12:55)

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min) Rcv(Ar)
1) Fluorobenzene	6.17	96	459958	50.00 ug/l	0.00 73.58%
54) Chlorobenzene-d5	9.36	117	431566	50.00 ug/l	0.00 85.58%
74) 1,4-Dichlorobenzene-d4	11.67	152	265758	50.00 ug/l	0.00 80.21%

System Monitoring Compounds					
37) Dibromofluoromethane	5.42	111	157752	60.78 ug/l	0.00
Spiked Amount 50.000	Range 65 - 135		Recovery = 121.56%		
40) 1,2-Dichloroethane-d4	5.81	65	135828	58.61 ug/l	0.00
Spiked Amount 50.000	Range 52 - 149		Recovery = 117.22%		
55) Toluene-d8	7.88	98	579544	59.18 ug/l	0.00
Spiked Amount 50.000	Range 85 - 115		Recovery = 118.36%#		
76) 4-Bromofluorobenzene	10.53	95	240948	57.67 ug/l	0.00
Spiked Amount 50.000	Range 85 - 120		Recovery = 115.34%		

Target Compounds					Qvalue
2) Dichlorodifluoromethane	1.09	85	94274	43.20 ug/l	97
3) Chloromethane	1.22	50	175421	47.56 ug/l	99
4) Vinyl Chloride	1.31	62	150539	48.23 ug/l	97
5) Bromomethane	1.58	96	94435	47.70 ug/l	98
6) Chloroethane	1.66	64	93498	51.84 ug/l	99
7) Trichlorofluoromethane	1.85	101	202833	57.72 ug/l	98
8) Acrolein	2.30	56	10403	46.64 ug/l	92
9) 1,1-Dichloroethene	2.33	96	144803	55.10 ug/l	92
10) 1,1,2-Trichloro-1,2,2-trif	2.34	101	145572	62.02 ug/l	97
11) Acetone	2.47	43	48343	46.32 ug/l	93
12) Iodomethane	2.49	142	263113	50.65 ug/l	97
13) Bromoethane	2.52	108	139105	55.76 ug/l	91
14) Carbon Disulfide	2.53	76	442646	49.61 ug/l	100
15) Allyl chloride	2.74	76	88403	52.94 ug/l	97
16) Acetonitrile	2.81	41	169179	529.95 ug/l	97
17) Methyl Acetate	2.81	43	125409	46.64 ug/l	99
18) Methylene Chloride	2.91	84	255396	72.81 ug/l	94
19) trans-1,2-Dichloroethene	3.21	96	171257	56.66 ug/l	92
20) t-Butyl alcohol	3.19	59	75414	187.86 ug/l #	1
21) Methyl tert-butyl ether	3.22	73	426745	45.88 ug/l	99
22) Acrylonitrile	3.30	53	47344	48.05 ug/l	93

(#) = qualifier out of range (m) = manual integration

Quantitation Report

Data File : X:\MSVOA\BUDDHA\100907\B1009008.D Vial: 3
Acq On : 9 Oct 2007 7:54 Operator: LPM
Sample : VSTD050B2 Inst : Buddha
Misc : 5ML PFW+STD(MV8-42-18)+IS/SS+SS(MV-8-40- Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Oct 10 7:40 2007 Quant Results File: B8260S.RES

Quant Method : X:\MSVOA\BUDDHA\QUANT\B8260S.M (RTE Integrator)
Title : VOA 8260- 5ML Soil Calibration 5973B
Last Update : Fri Sep 28 16:30:36 2007
Response via : Initial Calibration
DataAcq Meth : 8260

Compound	R.T.	QIon	Response	Conc Unit	Qvalue
23) 1,1-Dichloroethane	3.84	63	267406	51.47 ug/l	96
24) Chloroprene	3.94	53	183684	51.59 ug/l	98
25) Isopropyl ether	3.92	45	511316	48.22 ug/l	98
26) Vinyl acetate	3.97	43	286132	37.30 ug/l	99
27) Ethyl-t-butyl ether	4.49	59	438987	44.68 ug/l	99
28) 2,2-Dichloropropane	4.68	77	185889	49.72 ug/l	98
29) cis-1,2-Dichloroethene	4.74	96	169655	49.63 ug/l	93
30) 2-Butanone	4.85	43	64242	42.36 ug/l #	89
31) Propionitrile	4.96	54	214982	451.93 ug/l	97
32) Bromochloromethane	5.07	128	90110	51.42 ug/l	95
33) Methacrylonitrile	5.11	41	893650	455.05 ug/l	94
34) Chloroform	5.21	83	263860	51.40 ug/l	99
35) 1,1,1-Trichloroethane	5.33	97	224804	55.60 ug/l	94
36) Cyclohexane	5.34	56	261554	58.21 ug/l	97
38) Carbon Tetrachloride	5.52	117	209121	59.67 ug/l	95
39) 1,1-Dichloropropene	5.55	75	173667	49.81 ug/l	92
41) Benzene	5.81	78	605405	49.91 ug/l	100
42) 1,2-Dichloroethane	5.90	62	178831	49.35 ug/l	97
43) t-Amyl methyl ether	5.97	73	418065	44.32 ug/l #	89
44) Isobutanol	5.96	43	284629	845.58 ug/l	86
45) Trichloroethene	6.58	130	156493	50.32 ug/l	97
46) Methylcyclohexane	6.71	83	273542	58.29 ug/l	98
47) 1,2-Dichloropropane	6.85	63	145518	51.21 ug/l	97
48) Dibromomethane	7.00	93	87831	50.50 ug/l	93
49) Methyl methacrylate	7.03	41	111503	48.44 ug/l #	90
50) Bromodichloromethane	7.20	83	199634	52.63 ug/l	99
51) 2-Chloroethyl vinyl ether	7.53	63	61342	47.93 ug/l	99
52) cis-1,3-Dichloropropene	7.66	75	227397	51.75 ug/l	99
53) 4-Methyl-2-pentanone	7.84	43	149390	46.88 ug/l	100
56) Toluene	7.95	92	397245	49.98 ug/l	97
57) trans-1,3-Dichloropropene	8.26	75	215119	46.29 ug/l	100
58) Ethyl methacrylate	8.34	69	185906	47.21 ug/l	91
59) 1,1,2-Trichloroethane	8.44	97	140143	47.89 ug/l	99
60) Tetrachloroethene	8.49	166	182712	52.12 ug/l	96
61) 1,3-Dichloropropane	8.60	76	232162	48.63 ug/l	95
62) 2-Hexanone	8.70	43	114614	46.88 ug/l	97
63) Dibromochloromethane	8.82	129	175783	49.24 ug/l	98
64) 1,2-Dibromoethane	8.91	107	147246	46.92 ug/l	97
65) 1-Chlorohexane	9.36	91	182792	49.95 ug/l	91
66) Chlorobenzene	9.39	112	484345	50.69 ug/l	95
67) 1,1,1,2-Tetrachloroethane	9.49	131	184016	48.66 ug/l	98

(#) = qualifier out of range (m) = manual integration

Quantitation Report

Data File : X:\MSVOA\BUDDHA\100907\B1009008.D Vial: 3
Acq On : 9 Oct 2007 7:54 Operator: LPM
Sample : VSTD050B2 Inst : Buddha
Misc : 5ML PFW+STD(MV8-42-18)+IS/SS+SS(MV-8-40- Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Oct 10 7:40 2007 Quant Results File: B8260S.RES

Quant Method : X:\MSVOA\BUDDHA\QUANT\B8260S.M (RTE Integrator)
Title : VOA 8260- 5ML Soil Calibration 5973B
Last Update : Fri Sep 28 16:30:36 2007
Response via : Initial Calibration
DataAcq Meth : 8260

	Compound	R.T.	QIon	Response	Conc Unit		Qvalue
68)	Ethylbenzene	9.49	91	793935	51.47 ug/l		100
69)	m,p-Xylene	9.60	106	628700	101.00 ug/l		99
70)	o-xylene	10.00	106	312792	47.87 ug/l		97
71)	Styrene	10.02	104	566189	48.89 ug/l		99
72)	Bromoform	10.25	173	142814	47.11 ug/l		99
73)	Isopropylbenzene	10.36	105	752776	50.18 ug/l		99
75)	trans-1,4-Dichloro-2-buten	10.50	53	60229	44.64 ug/l		84
77)	Bromobenzene	10.67	156	244622	48.61 ug/l		91
78)	1,1,2,2-Tetrachloroethane	10.74	83	224479	46.27 ug/l		96
79)	1,2,3-Trichloropropane	10.77	110	64672	46.21 ug/l	#	60
80)	n-Propylbenzene	10.77	120	232155	53.54 ug/l		92
81)	2-Chlorotoluene	10.86	91	589699	50.56 ug/l		100
82)	4-Chlorotoluene	10.97	91	670752	49.93 ug/l		94
83)	1,3,5-Trimethylbenzene	10.94	105	736240	52.22 ug/l		98
84)	tert-Butylbenzene	11.26	119	605987	51.56 ug/l		94
85)	1,2,4-Trimethylbenzene	11.31	105	750937	51.30 ug/l		98
86)	sec-butylbenzene	11.47	105	904408	53.41 ug/l		98
87)	1,3-Dichlorobenzene	11.60	146	482156	50.53 ug/l		98
88)	4-Isopropyltoluene	11.62	119	836620	52.71 ug/l		98
89)	1,4-Dichlorobenzene	11.70	146	487056	50.75 ug/l		99
90)	1,2-Dichlorobenzene	12.07	146	459534	49.97 ug/l		99
91)	n-Butylbenzene	12.03	91	767093	53.22 ug/l		99
92)	1,2-Dibromo-3-chloropropan	12.87	75	40870	43.76 ug/l		93
93)	1,2,4-Trichlorobenzene	13.65	180	345156	48.76 ug/l		99
94)	Hexachlorobutadiene	13.79	225	198102	51.80 ug/l		99
95)	Naphthalene	13.89	128	726756	45.54 ug/l		99
96)	1,2,3-Trichlorobenzene	14.14	180	316795	48.43 ug/l		99

(#) = qualifier out of range (m) = manual integration

VOLATILE CONTINUING CALIBRATION CHECK

Lab Name: Laucks Testing Laboratories, Inc

Contract:

Run Sequence: R022374

SDG No.: TT02001

Instrument ID: 5973B

Calibration Date: 10/10/2007 Time: 07:55

Lab File ID: B1010006.D

Init. Calib. Date(s): 09/28/2007 09/28/2007

Client Sample No.: VSTD050B2

Init. Calib. Time(s): 10:47 13:48

Heated Purge: (Y/N) Y

GC Column: ZB-624 20m ID: 0.18 (mm)

Compound	Equation Type	RF 50.0	%D	%Drift
DICHLORODIFLUOROMETHANE	A	0.196	17.23	
CHLOROMETHANE	A	0.363	9.36	
VINYL CHLORIDE	A	0.323	4.72	
BROMOMETHANE	A	0.188	12.70	
CHLOROETHANE	A	0.193	1.70	
TRICHLOROFLUOROMETHANE	A	0.442	-15.79	
1,1-DICHLOROETHENE	A	0.309	-8.13	
1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	A	0.310	-21.61*	
ACETONE	A	0.111	1.82	
CARBON DISULFIDE	A	0.891	8.13	
METHYL ACETATE	A	0.288	1.50	
METHYLENE CHLORIDE	Q	0.475		20.56*
METHYL TERT-BUTYL ETHER	A	0.916	9.36	
TRANS-1,2-DICHLOROETHENE	A	0.363	-10.26	
1,1-DICHLOROETHANE	A	0.563	0.37	
CIS-1,2-DICHLOROETHENE	A	0.358	3.67	
2-BUTANONE	A	0.149	9.70	
CHLOROFORM	A	0.554	0.72	
1,1,1-TRICHLOROETHANE	A	0.478	-9.00	
CYCLOHEXANE	A	0.562	-15.11	
CARBON TETRACHLORIDE	A	0.447	-17.19	
BENZENE	A	1.262	4.27	
1,2-DICHLOROETHANE	A	0.377	4.21	
TRICHLOROETHENE	A	0.334	1.15	
METHYLCYCLOHEXANE	A	0.586	-14.91	
1,2-DICHLOROPROPANE	A	0.305	1.35	
BROMODICHLOROMETHANE	A	0.421	-2.28	
CIS-1,3-DICHLOROPROPENE	A	0.487	-1.83	
4-METHYL-2-PENTANONE	A	0.347	-0.30	
TOLUENE	A	0.900	2.26	
TRANS-1,3-DICHLOROPROPENE	A	0.497	7.70	
1,1,2-TRICHLOROETHANE	A	0.326	3.93	

* = %D or %Drift above limit

= %D or %Drift limts are not configured

VOLATILE CONTINUING CALIBRATION CHECK

Lab Name: Laucks Testing Laboratories, Inc

Contract:

Run Sequence: R022374

SDG No.: TT02001

Instrument ID: 5973B

Calibration Date: 10/10/2007 Time: 07:55

Lab File ID: B1010006.D

Init. Calib. Date(s): 09/28/2007 09/28/2007

Client Sample No.: VSTD050B2

Init. Calib. Time(s): 10:47 13:48 JNH 11/8/07

Heated Purge: (Y/N) Y

GC Column: ZB-624 20m ID: 0.18 (mm)

Compound	Equation Type	RF 50.0	%D	%Drift
TETRACHLOROETHENE	A	0.420	-3.37	
2-HEXANONE	A	0.287	-1.27	
DIBROMOCHLOROMETHANE	A	0.410	0.88	
1,2-DIBROMOETHANE	A	0.346	5.03	
CHLOROBENZENE	A	1.101	0.55	
ETHYLBENZENE	A	1.788	-0.06	
M,P-XYLENE	A	0.714	0.93	
O-XYLENE	A	0.706	6.77	
STYRENE	A	1.288	4.04	
BROMOFORM	A	0.336	4.40	
ISOPROPYLBENZENE	A	1.721	0.98	
1,1,2,2-TETRACHLOROETHANE	A	0.844	7.53	
1,3-DICHLOROBENZENE	A	1.734	3.42	
1,4-DICHLOROBENZENE	A	1.751	3.02	
1,2-DICHLOROBENZENE	A	1.656	4.26	
1,2-DIBROMO-3-CHLOROPROPANE	A	0.158	10.20	
1,2,4-TRICHLOROBENZENE	A	1.236	7.22	
DIBROMOFLUOROMETHANE	A	0.266	5.62	
1,2-DICHLOROETHANE-D4	A	0.230	8.58	
TOLUENE-D8	A	1.054	7.14	
4-BROMOFLUOROBENZENE	A	0.692	11.98	

* = %D or %Drift above limit

= %D or %Drift limts are not configured

Evaluate Continuing Calibration Report

Data File : X:\MSVOA\BUDDHA\101007\B1010006.D Vial: 4
Acq On : 10 Oct 2007 7:55 Operator: LPM
Sample : VSTD050B2 Inst : Buddha
Misc : 5ML PFW+STD(MV8-42-18)+IS/SS+SS(MV-8-40- Multiplr: 1.00
MS Integration Params: rteint.p

Method : X:\MSVOA\BUDDHA\QUANT\B8260S.M (RTE Integrator)
Title : VOA 8260- 5ML Soil Calibration 5973B
Last Update : Fri Sep 28 16:30:36 2007
Response via : Multiple Level Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
1	I	Fluorobenzene	50.000	50.000	0.0	75	0.00
2	T	Dichlorodifluoromethane	50.000	41.345	17.3	58	0.00
3	P	Chloromethane	50.000	45.327	9.3	69	0.00
4	C	Vinyl Chloride	50.000	47.600	4.8	71	0.00
5	T	Bromomethane	50.000	43.608	12.8	71	0.00
6	T	Chloroethane	50.000	49.133	1.7	73	0.00
7	T	Trichlorofluoromethane	50.000	57.901	-15.8	84	0.00
8	T	Acrolein	50.000	49.420	1.2	79	0.00
9	C,M	1,1-Dichloroethene	50.000	54.127	-8.3	81	0.00
10	T	1,1,2-Trichloro-1,2,2-trifl	50.000	60.772	-21.5	82	0.00
11	T	Acetone	50.000	48.891	2.2	81	0.00
12	T	Iodomethane	50.000	48.145	3.7	70	0.00
13	T	Bromoethane	50.000	54.483	-9.0	80	0.00
14	T	Carbon Disulfide	50.000	45.934	8.1	67	0.00
15	T	Allyl chloride	50.000	51.308	-2.6	75	0.00
16		Acetonitrile	500.000	478.906	4.2	80	0.00
17		Methyl Acetate	50.000	49.202	1.6	78	0.00
18	T	Methylene Chloride	50.000	60.284	-20.6	83	0.00
19	T	trans-1,2-Dichloroethene	50.000	55.202	-10.4	78	0.00
20		t-Butyl alcohol	250.000	200.401	19.8	62	0.00
21	T	Methyl tert-butyl ether	50.000	45.317	9.4	67	0.00
22	T	Acrylonitrile	50.000	50.786	-1.6	79	0.00
23	P	1,1-Dichloroethane	50.000	49.837	0.3	74	0.00
24	T	Chloroprene	50.000	49.360	1.3	69	0.00
25		Isopropyl ether	50.000	47.319	5.4	69	0.00
26	T	Vinyl acetate	50.000	39.145	21.7	58	0.00
27		Ethyl-t-butyl ether	50.000	43.684	12.6	64	0.00
28	T	2,2-Dichloropropane	50.000	48.926	2.1	73	0.00
29	T	cis-1,2-Dichloroethene	50.000	48.213	3.6	70	0.00
30	T	2-Butanone	50.000	45.182	9.6	71	0.00
31		Propionitrile	500.000	490.188	2.0	77	0.00
32	T	Bromochloromethane	50.000	49.378	1.2	72	0.00
33	T	Methacrylonitrile	500.000	465.792	6.8	71	0.00
34	C	Chloroform	50.000	49.639	0.7	74	0.00
35	T	1,1,1-Trichloroethane	50.000	54.437	-8.9	80	0.00
36		Cyclohexane	50.000	57.500	-15.0	78	0.00
37	S	Dibromofluoromethane	65.000	61.319	5.7	71	0.00
38	T	Carbon Tetrachloride	50.000	58.605	-17.2	84	0.00
39	T	1,1-Dichloropropene	50.000	48.157	3.7	70	0.00
40	S	1,2-Dichloroethane-d4	65.000	59.437	8.6	69	0.00
41	T	Benzene	50.000	47.847	4.3	70	0.00
42	T	1,2-Dichloroethane	50.000	47.906	4.2	70	0.00
43		t-Amyl methyl ether	50.000	43.817	12.4	64	0.00
44		Isobutanol	1000.000	874.478	12.6	66	0.00
45	T	Trichloroethene	50.000	49.412	1.2	72	0.00
46		Methylcyclohexane	50.000	57.445	-14.9	77	0.00
47	C	1,2-Dichloropropane	50.000	49.341	1.3	72	0.00
48	T	Dibromomethane	50.000	49.831	0.3	75	0.00
49	T	Methyl methacrylate	50.000	51.511	-3.0	77	0.00
50	T	Bromodichloromethane	50.000	51.104	-2.2	75	0.00
51	T	2-Chloroethyl vinyl ether	50.000	48.951	2.1	73	0.00
52	T	cis-1,3-Dichloropropene	50.000	50.951	-1.9	75	0.00
53	T	4-Methyl-2-pentanone	50.000	50.088	-0.2	79	0.00
54	I	Chlorobenzene-d5	50.000	50.000	0.0	86	0.00

(#) = Out of Range
B1010006.D B8260S.M Thu Oct 11 05:24:03 2007

Evaluate Continuing Calibration Report

Data File : X:\MSVOA\BUDDHA\101007\B1010006.D Vial: 4
Acq On : 10 Oct 2007 7:55 Operator: LPM
Sample : VSTD050B2 Inst : Buddha
Misc : 5ML PFW+STD(MV8-42-18)+IS/SS+SS(MV-8-40- Multiplr: 1.00
MS Integration Params: rteint.p

Method : X:\MSVOA\BUDDHA\QUANT\B8260S.M (RTE Integrator)
Title : VOA 8260- 5ML Soil Calibration 5973B
Last Update : Fri Sep 28 16:30:36 2007
Response via : Multiple Level Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

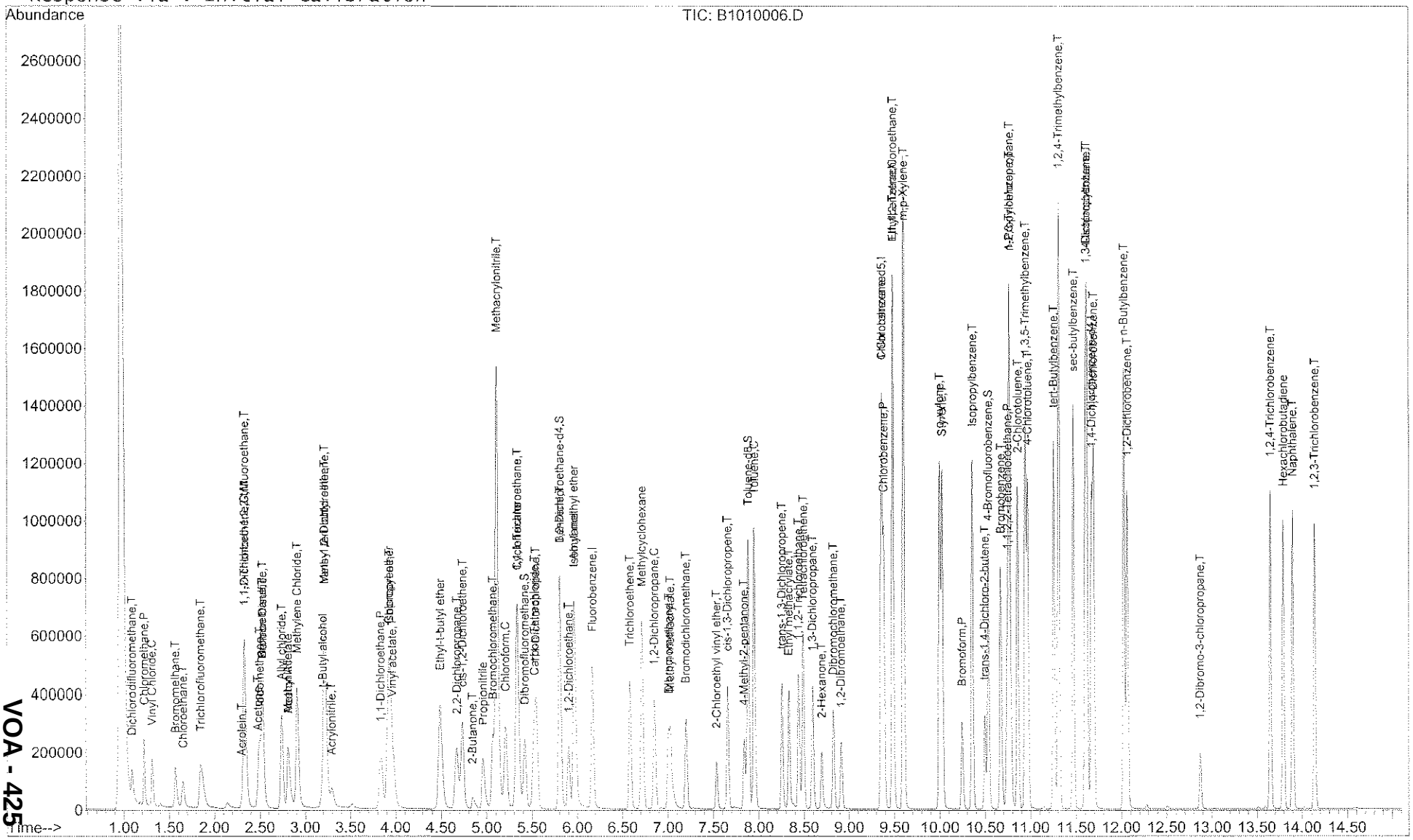
		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
55	S	Toluene-d8	65.000	60.385	7.1	79	0.00
56	C	Toluene	50.000	48.883	2.2	81	0.00
57	T	trans-1,3-Dichloropropene	50.000	46.114	7.8	76	0.00
58	T	Ethyl methacrylate	50.000	47.867	4.3	81	0.00
59	T	1,1,2-Trichloroethane	50.000	48.032	3.9	81	0.00
60	T	Tetrachloroethene	50.000	51.668	-3.3	85	0.00
61	T	1,3-Dichloropropane	50.000	48.657	2.7	83	0.00
62	T	2-Hexanone	50.000	50.596	-1.2	90	0.00
63	T	Dibromochloromethane	50.000	49.603	0.8	83	0.00
64	T	1,2-Dibromoethane	50.000	47.537	4.9	81	0.00
65		1-Chlorohexane	50.000	49.481	1.0	82	0.00
66	P	Chlorobenzene	50.000	49.722	0.6	83	0.00
67	T	1,1,1,2-Tetrachloroethane	50.000	48.433	3.1	81	0.00
68	C	Ethylbenzene	50.000	50.024	-0.0	83	0.00
69	T	m,p-Xylene	100.000	99.042	1.0	83	0.00
70	T	o-xylene	50.000	46.614	6.8	78	0.00
71	T	Styrene	50.000	47.991	4.0	78	0.00
72	P	Bromoform	50.000	47.766	4.5	81	0.00
73	T	Isopropylbenzene	50.000	49.508	1.0	80	0.00
74	I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	83	0.00
75	T	trans-1,4-Dichloro-2-butene	50.000	45.064	9.9	76	0.00
76	S	4-Bromofluorobenzene	65.000	57.209	12.0	73	0.00
77	T	Bromobenzene	50.000	46.405	7.2	76	0.00
78	P	1,1,2,2-Tetrachloroethane	50.000	46.245	7.5	79	0.00
79	T	1,2,3-Trichloropropane	50.000	46.530	6.9	81	0.00
80	T	n-Propylbenzene	50.000	51.011	-2.0	80	0.00
81	T	2-Chlorotoluene	50.000	47.700	4.6	78	0.00
82	T	4-Chlorotoluene	50.000	47.494	5.0	78	0.00
83	T	1,3,5-Trimethylbenzene	50.000	49.399	1.2	78	0.00
84	T	tert-Butylbenzene	50.000	49.307	1.4	77	0.00
85	T	1,2,4-Trimethylbenzene	50.000	48.987	2.0	77	0.00
86	T	sec-butylbenzene	50.000	50.649	-1.3	79	0.00
87	T	1,3-Dichlorobenzene	50.000	48.287	3.4	79	0.00
88	T	4-Isopropyltoluene	50.000	50.319	-0.6	79	0.00
89	T	1,4-Dichlorobenzene	50.000	48.496	3.0	79	0.00
90	T	1,2-Dichlorobenzene	50.000	47.866	4.3	78	0.00
91	T	n-Butylbenzene	50.000	50.606	-1.2	78	0.00
92	T	1,2-Dibromo-3-chloropropane	50.000	44.968	10.1	78	0.00
93	T	1,2,4-Trichlorobenzene	50.000	46.401	7.2	73	0.00
94		Hexachlorobutadiene	50.000	49.900	0.2	80	0.00
95	T	Naphthalene	50.000	44.955	10.1	73	0.00
96	T	1,2,3-Trichlorobenzene	50.000	46.716	6.6	75	0.00

(#) = Out of Range SPCC's out = 0 CCC's out = 0
B1010006.D B8260S.M Thu Oct 11 05:24:03 2007

Quantitation Report

Data File : X:\MSVOA\BUDDHA\101007\B1010006.D Vial: 4
Acq On : 10 Oct 2007 7:55 Operator: LPM
Sample : VSTD050B2 Inst : Buddha
Misc : 5ML PFW+STD(MV8-42-18)+IS/SS+SS(MV-8-40- Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Oct 11 5:30 2007 Quant Results File: B8260S.RES

Method : X:\MSVOA\BUDDHA\QUANT\B8260S.M (RTE Integrator)
Title : VOA 8260- 5ML Soil Calibration 5973B
Last Update : Fri Sep 28 16:30:36 2007
Response via : Initial Calibration



VOA - 425

Quantitation Report

Data File : X:\MSVOA\BUDDHA\101007\B1010006.D Vial: 4
Acq On : 10 Oct 2007 7:55 Operator: LPM
Sample : VSTD050B2 Inst : Buddha
Misc : 5ML PFW+STD(MV8-42-18)+IS/SS+SS(MV-8-40- Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Oct 11 5:30 2007 Quant Results File: B8260S.RES

Quant Method : X:\MSVOA\BUDDHA\QUANT\B8260S.M (RTE Integrator)
Title : VOA 8260- 5ML Soil Calibration 5973B
Last Update : Fri Sep 28 16:30:36 2007
Response via : Initial Calibration
DataAcq Meth : 8260
IS QA File : X:\MSVOA\BUDDHA\092807\B0928013.D (28 Sep 2007 12:55)

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min) Rcv(Ar)
1) Fluorobenzene	6.17	96	467067	50.00	ug/l	0.00 74.72%
54) Chlorobenzene-d5	9.36	117	433378	50.00	ug/l	0.00 85.94%
74) 1,4-Dichlorobenzene-d4	11.67	152	276633	50.00	ug/l	0.00 83.50%

System Monitoring Compounds						
37) Dibromofluoromethane	5.42	111	161601	61.32	ug/l	0.00
Spiked Amount 50.000	Range 65 - 135		Recovery = 122.64%			
40) 1,2-Dichloroethane-d4	5.81	65	139876	59.44	ug/l	0.00
Spiked Amount 50.000	Range 52 - 149		Recovery = 118.88%			
55) Toluene-d8	7.88	98	593793	60.38	ug/l	0.00
Spiked Amount 50.000	Range 85 - 115		Recovery = 120.76%#			
76) 4-Bromofluorobenzene	10.53	95	248811	57.21	ug/l	0.00
Spiked Amount 50.000	Range 85 - 120		Recovery = 114.42%			

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.09	85	91617	41.34	ug/l	96
3) Chloromethane	1.23	50	169759	45.33	ug/l	100
4) Vinyl Chloride	1.31	62	150857	47.60	ug/l	97
5) Bromomethane	1.57	96	87667	43.61	ug/l	100
6) Chloroethane	1.65	64	89988	49.13	ug/l	99
7) Trichlorofluoromethane	1.85	101	206599	57.90	ug/l	99
8) Acrolein	2.29	56	11155	49.42	ug/l	92
9) 1,1-Dichloroethene	2.33	96	144440	54.13	ug/l	91
10) 1,1,2-Trichloro-1,2,2-trif	2.34	101	144846	60.77	ug/l	95
11) Acetone	2.47	43	51815	48.89	ug/l	91
12) Iodomethane	2.49	142	253941	48.15	ug/l	97
13) Bromoethane	2.52	108	138012	54.48	ug/l	92
14) Carbon Disulfide	2.53	76	416192	45.93	ug/l	100
15) Allyl chloride	2.74	76	86997	51.31	ug/l	98
16) Acetonitrile	2.81	41	155246	478.91	ug/l	94
17) Methyl Acetate	2.81	43	134336	49.20	ug/l	99
18) Methylene Chloride	2.91	84	221749	60.28	ug/l	93
19) trans-1,2-Dichloroethene	3.21	96	169431	55.20	ug/l	91
20) t-Butyl alcohol	3.19	59	81692	200.40	ug/l #	1
21) Methyl tert-butyl ether	3.22	73	428014	45.32	ug/l	100
22) Acrylonitrile	3.30	53	50816	50.79	ug/l	90
23) 1,1-Dichloroethane	3.83	63	262926	49.84	ug/l	98
24) Chloroprene	3.94	53	178455	49.36	ug/l	99
25) Isopropyl ether	3.92	45	509525	47.32	ug/l #	92
26) Vinyl acetate	3.97	43	304932	39.15	ug/l	100
27) Ethyl-t-butyl ether	4.49	59	435860	43.68	ug/l	98
28) 2,2-Dichloropropane	4.67	77	185744	48.93	ug/l	98
29) cis-1,2-Dichloroethene	4.74	96	167365	48.21	ug/l	92
30) 2-Butanone	4.85	43	69589	45.18	ug/l	95
31) Propionitrile	4.96	54	236783	490.19	ug/l	95
32) Bromochloromethane	5.07	128	87861	49.38	ug/l	97
33) Methacrylonitrile	5.11	41	928874	465.79	ug/l	93
34) Chloroform	5.21	83	258760	49.64	ug/l	100
35) 1,1,1-Trichloroethane	5.33	97	223489	54.44	ug/l	94
36) Cyclohexane	5.34	56	262368	57.50	ug/l	97

(#) = qualifier out of range (m) = manual integration
B1010006.D B8260S.M Thu Oct 11 05:24:10 2007

Quantitation Report

Data File : X:\MSVOA\BUDDHA\101007\B1010006.D Vial: 4
Acq On : 10 Oct 2007 7:55 Operator: LPM
Sample : VSTD050B2 Inst : Buddha
Misc : 5ML PFW+STD(MV8-42-18)+IS/SS+SS(MV-8-40- Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Oct 11 5:30 2007 Quant Results File: B8260S.RES

Quant Method : X:\MSVOA\BUDDHA\QUANT\B8260S.M (RTE Integrator)
Title : VOA 8260- 5ML Soil Calibration 5973B
Last Update : Fri Sep 28 16:30:36 2007
Response via : Initial Calibration
DataAcq Meth : 8260

Compound	R.T.	QIon	Response	Conc Unit		Qvalue
38) Carbon Tetrachloride	5.52	117	208547	58.60 ug/l		94
39) 1,1-Dichloropropene	5.55	75	170483	48.16 ug/l		91
41) Benzene	5.80	78	589300	47.85 ug/l		100
42) 1,2-Dichloroethane	5.90	62	176269	47.91 ug/l		97
43) t-Amyl methyl ether	5.97	73	419739	43.82 ug/l	#	88
44) Isobutanol	5.96	43	298906	874.48 ug/l		89
45) Trichloroethene	6.58	130	156054	49.41 ug/l		95
46) Methylcyclohexane	6.71	83	273731	57.44 ug/l		98
47) 1,2-Dichloropropane	6.85	63	142371	49.34 ug/l		98
48) Dibromomethane	7.00	93	88011	49.83 ug/l		92
49) Methyl methacrylate	7.03	41	120412	51.51 ug/l		90
50) Bromodichloromethane	7.20	83	196823	51.10 ug/l		99
51) 2-Chloroethyl vinyl ether	7.53	63	63622	48.95 ug/l		98
52) cis-1,3-Dichloropropene	7.66	75	227351	50.95 ug/l		99
53) 4-Methyl-2-pentanone	7.84	43	162091	50.09 ug/l		99
56) Toluene	7.95	92	390135	48.88 ug/l		98
57) trans-1,3-Dichloropropene	8.26	75	215202	46.11 ug/l		100
58) Ethyl methacrylate	8.33	69	189293	47.87 ug/l		92
59) 1,1,2-Trichloroethane	8.44	97	141145	48.03 ug/l		98
60) Tetrachloroethene	8.49	166	181877	51.67 ug/l		96
61) 1,3-Dichloropropane	8.60	76	233290	48.66 ug/l		95
62) 2-Hexanone	8.70	43	124206	50.60 ug/l		95
63) Dibromochloromethane	8.82	129	177831	49.60 ug/l		99
64) 1,2-Dibromoethane	8.91	107	149810	47.54 ug/l		96
65) 1-Chlorohexane	9.36	91	181835	49.48 ug/l		91
66) Chlorobenzene	9.39	112	477126	49.72 ug/l		96
67) 1,1,1,2-Tetrachloroethane	9.49	131	183935	48.43 ug/l		99
68) Ethylbenzene	9.48	91	774888	50.02 ug/l		100
69) m,p-Xylene	9.60	106	619111	99.04 ug/l		98
70) o-xylene	10.00	106	305842	46.61 ug/l		97
71) Styrene	10.02	104	558122	47.99 ug/l		99
72) Bromoform	10.24	173	145423	47.77 ug/l		100
73) Isopropylbenzene	10.36	105	745804	49.51 ug/l		99
75) trans-1,4-Dichloro-2-buten	10.50	53	63292	45.06 ug/l		86
77) Bromobenzene	10.67	156	243102	46.41 ug/l		90
78) 1,1,2,2-Tetrachloroethane	10.74	83	233545	46.25 ug/l		96
79) 1,2,3-Trichloropropane	10.77	110	67782	46.53 ug/l	#	63
80) n-Propylbenzene	10.77	120	230241	51.01 ug/l		92
81) 2-Chlorotoluene	10.86	91	579060	47.70 ug/l		99
82) 4-Chlorotoluene	10.97	91	664140	47.49 ug/l		94
83) 1,3,5-Trimethylbenzene	10.94	105	725035	49.40 ug/l		98
84) tert-Butylbenzene	11.26	119	603177	49.31 ug/l		95
85) 1,2,4-Trimethylbenzene	11.31	105	746353	48.99 ug/l		98
86) sec-butylbenzene	11.47	105	892796	50.65 ug/l		99
87) 1,3-Dichlorobenzene	11.60	146	479567	48.29 ug/l		97
88) 4-Isopropyltoluene	11.62	119	831405	50.32 ug/l		98
89) 1,4-Dichlorobenzene	11.70	146	484493	48.50 ug/l		99
90) 1,2-Dichlorobenzene	12.07	146	458164	47.87 ug/l		99
91) n-Butylbenzene	12.03	91	759205	50.61 ug/l		99
92) 1,2-Dibromo-3-chloropropan	12.87	75	43719	44.97 ug/l		93
93) 1,2,4-Trichlorobenzene	13.65	180	341867	46.40 ug/l		98
94) Hexachlorobutadiene	13.79	225	198634	49.90 ug/l		100
95) Naphthalene	13.89	128	746724	44.95 ug/l		99
96) 1,2,3-Trichlorobenzene	14.14	180	318085	46.72 ug/l		99

(#) = qualifier out of range (m) = manual integration

VOLATILE CONTINUING CALIBRATION CHECK

Lab Name: Laucks Testing Laboratories, Inc

Contract:

Run Sequence: R022490

SDG No.: TT02001

Instrument ID: 5973B

Calibration Date: 10/15/2007 Time: 08:21

Lab File ID: quant.csv

Init. Calib. Date(s): 09/28/2007 09/28/2007

Client Sample No.: VSTD050B3

Init. Calib. Time(s): 10:47 13:48 11/8/07

Heated Purge: (Y/N) Y

GC Column: ZB-624 20m ID: 0.18 (mm)

Compound	Equation Type	RF 50.0	%D	%Drift
DICHLORODIFLUOROMETHANE	A	0.243	-2.68	
CHLOROMETHANE	A	0.407	-1.42	
VINYL CHLORIDE	A	0.370	-9.13	
BROMOMETHANE	A	0.208	3.14	
CHLOROETHANE	A	0.211	-7.62	
TRICHLOROFLUOROMETHANE	A	0.498	-30.43*	
1,1-DICHLOROETHENE	A	0.326	-13.85	
1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	A	0.335	-31.51*	
ACETONE	A	0.115	-2.18	
CARBON DISULFIDE	A	1.173	-20.94*	
METHYL ACETATE	A	0.310	-6.30	
METHYLENE CHLORIDE	Q	0.547		43.06*
METHYL TERT-BUTYL ETHER	A	0.982	2.85	
TRANS-1,2-DICHLOROETHENE	A	0.402	-22.08*	
1,1-DICHLOROETHANE	A	0.620	-9.80	
CIS-1,2-DICHLOROETHENE	A	0.413	-11.08	
2-BUTANONE	A	0.168	-1.88	
CHLOROFORM	A	0.626	-12.22	
1,1,1-TRICHLOROETHANE	A	0.543	-23.73*	
CYCLOHEXANE	A	0.616	-26.14*	
CARBON TETRACHLORIDE	A	0.519	-36.23*	
BENZENE	A	1.469	-11.44	
1,2-DICHLOROETHANE	A	0.426	-8.01	
TRICHLOROETHENE	A	0.410	-21.36*	
METHYLCYCLOHEXANE	A	0.695	-36.36*	
1,2-DICHLOROPROPANE	A	0.352	-14.05	
BROMODICHLOROMETHANE	A	0.486	-17.93	
CIS-1,3-DICHLOROPROPENE	A	0.567	-18.52	
4-METHYL-2-PENTANONE	A	0.380	-9.73	
TOLUENE	A	1.016	-10.32	
TRANS-1,3-DICHLOROPROPENE	A	0.550	-2.27	
1,1,2-TRICHLOROETHANE	A	0.365	-7.74	

* = %D or %Drift above limit

= %D or %Drift limts are not configured

VOLATILE CONTINUING CALIBRATION CHECK

Lab Name: Laucks Testing Laboratories, Inc

Contract:

Run Sequence: R022490

SDG No.: TT02001

Instrument ID: 5973B

Calibration Date: 10/15/2007 Time: 08:21

Lab File ID: quant.csv

Init. Calib. Date(s): 09/28/2007 09/28/2007

Client Sample No.: VSTD050B3

Init. Calib. Time(s): 10:47 13:48

Heated Purge: (Y/N) Y

GC Column: ZB-624 20m ID: 0.18 (mm)

Compound	Equation Type	RF 50.0	%D	%Drift
TETRACHLOROETHENE	A	0.495	-21.97*	
2-HEXANONE	A	0.294	-3.87	
DIBROMOCHLOROMETHANE	A	0.456	-10.02	
1,2-DIBROMOETHANE	A	0.381	-4.77	
CHLOROBENZENE	A	1.224	-10.58	
ETHYLBENZENE	A	2.026	-13.37	
M,P-XYLENE	A	0.807	-11.91	
O-XYLENE	A	0.790	-4.30	
STYRENE	A	1.420	-5.83	
BROMOFORM	A	0.378	-7.83	
ISOPROPYLBENZENE	A	1.972	-13.47	
1,1,2,2-TETRACHLOROETHANE	A	0.920	-0.73	
1,3-DICHLOROBENZENE	A	1.928	-7.41	
1,4-DICHLOROBENZENE	A	1.954	-8.19	
1,2-DICHLOROBENZENE	A	1.824	-5.45	
1,2-DIBROMO-3-CHLOROPROPANE	A	0.169	3.74	
1,2,4-TRICHLOROBENZENE	A	1.401	-5.18	
DIBROMOFLUOROMETHANE	A	0.314	-11.30	
1,2-DICHLOROETHANE-D4	A	0.273	-8.51	
TOLUENE-D8	A	1.179	-3.87	
4-BROMOFLUOROBENZENE	A	0.778	0.98	

* = %D or %Drift above limit

= %D or %Drift limts are not configured

Evaluate Continuing Calibration Report

Data File : X:\MSVOA\BUDDHA\101507\B1015007A.D Vial: 5
Acq On : 15 Oct 2007 8:21 Operator: LPM
Sample : VSTD050B3 Inst : Buddha
Misc : 5ML PFW+STD(MV8-42-18)+IS/SS+SS(MV-8-40- Multiplr: 1.00
MS Integration Params: rteint.p

Method : X:\MSVOA\BUDDHA\QUANT\B8260S.M (RTE Integrator)
Title : VOA 8260- 5ML Soil Calibration 5973B
Last Update : Fri Sep 28 16:30:36 2007
Response via : Multiple Level Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
1	I	Fluorobenzene	50.000	50.000	0.0	74	0.00
2	T	Dichlorodifluoromethane	50.000	51.293	-2.6	71	0.00
3	P	Chloromethane	50.000	50.719	-1.4	77	0.00
4	C	Vinyl Chloride	50.000	54.521	-9.0	81	0.00
5	T	Bromomethane	50.000	48.380	3.2	78	0.00
6	T	Chloroethane	50.000	53.791	-7.6	80	0.00
7	T	Trichlorofluoromethane	50.000	65.219	-30.4#	94	0.00
8	T	Acrolein	50.000	46.699	6.6	75	0.00
9	C,M	1,1-Dichloroethene	50.000	56.989	-14.0	85	0.00
10	T	1,1,2-Trichloro-1,2,2-trifl	50.000	65.718	-31.4#	88	0.00
11	T	Acetone	50.000	50.884	-1.8	84	0.00
12	T	Iodomethane	50.000	59.965	-19.9	87	0.00
13	T	Bromoethane	50.000	55.896	-11.8	82	0.00
14	T	Carbon Disulfide	50.000	60.470	-20.9	88	0.00
15	T	Allyl chloride	50.000	54.488	-9.0	79	0.00
16		Acetonitrile	500.000	458.683	8.3	76	0.00
17		Methyl Acetate	50.000	53.097	-6.2	83	0.00
18	T	Methylene Chloride	50.000	71.534	-43.1#	94	0.00
19	T	trans-1,2-Dichloroethene	50.000	61.121	-22.2	86	0.00
20		t-Butyl alcohol	250.000	229.940	8.0	70	0.00
21	T	Methyl tert-butyl ether	50.000	48.570	2.9	72	0.00
22	T	Acrylonitrile	50.000	52.015	-4.0	80	0.00
23	P	1,1-Dichloroethane	50.000	54.923	-9.8	81	0.00
24	T	Chloroprene	50.000	57.382	-14.8	80	0.00
25		Isopropyl ether	50.000	50.640	-1.3	73	0.00
26	T	Vinyl acetate	50.000	44.847	10.3	65	0.00
27		Ethyl-t-butyl ether	50.000	47.553	4.9	69	0.00
28	T	2,2-Dichloropropane	50.000	54.189	-8.4	80	0.00
29	T	cis-1,2-Dichloroethene	50.000	55.599	-11.2	81	0.00
30	T	2-Butanone	50.000	50.977	-2.0	80	0.00
31		Propionitrile	500.000	558.160	-11.6	87	0.00
32	T	Bromochloromethane	50.000	56.302	-12.6	82	0.00
33	T	Methacrylonitrile	500.000	529.287	-5.9	80	0.00
34	C	Chloroform	50.000	56.108	-12.2	83	0.00
35	T	1,1,1-Trichloroethane	50.000	61.798	-23.6	90	0.00
36		Cyclohexane	50.000	63.008	-26.0#	85	0.00
37	S	Dibromofluoromethane	65.000	72.311	-11.2	83	0.00
38	T	Carbon Tetrachloride	50.000	68.127	-36.3#	97	0.00
39	T	1,1-Dichloropropene	50.000	58.029	-16.1	84	0.00
40	S	1,2-Dichloroethane-d4	65.000	70.551	-8.5	81	0.00
41	T	Benzene	50.000	55.700	-11.4	81	0.00
42	T	1,2-Dichloroethane	50.000	54.019	-8.0	78	0.00
43		t-Amyl methyl ether	50.000	48.229	3.5	70	0.00
44		Isobutanol	1000.000	988.094	1.2	75	0.00
45	T	Trichloroethene	50.000	60.663	-21.3	88	0.00
46		Methylcyclohexane	50.000	68.166	-36.3#	90	0.00
47	C	1,2-Dichloropropane	50.000	57.043	-14.1	82	0.00
48	T	Dibromomethane	50.000	56.600	-13.2	84	0.00
49	T	Methyl methacrylate	50.000	60.706	-21.4	90	0.00
50	T	Bromodichloromethane	50.000	58.922	-17.8	86	0.00
51	T	2-Chloroethyl vinyl ether	50.000	56.253	-12.5	83	0.00
52	T	cis-1,3-Dichloropropene	50.000	59.302	-18.6	86	0.00
53	T	4-Methyl-2-pentanone	50.000	54.799	-9.6	85	0.00
54	I	Chlorobenzene-d5	50.000	50.000	0.0	90	0.00

(#) = Out of Range

Evaluate Continuing Calibration Report

Data File : X:\MSVOA\BUDDHA\101507\B1015007A.D Vial: 5
Acq On : 15 Oct 2007 8:21 Operator: LPM
Sample : VSTD050B3 Inst : Buddha
Misc : 5ML PFW+STD(MV8-42-18)+IS/SS+SS(MV-8-40- Multiplr: 1.00
MS Integration Params: rteint.p

Method : X:\MSVOA\BUDDHA\QUANT\B8260S.M (RTE Integrator)
Title : VOA 8260- 5ML Soil Calibration 5973B
Last Update : Fri Sep 28 16:30:36 2007
Response via : Multiple Level Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

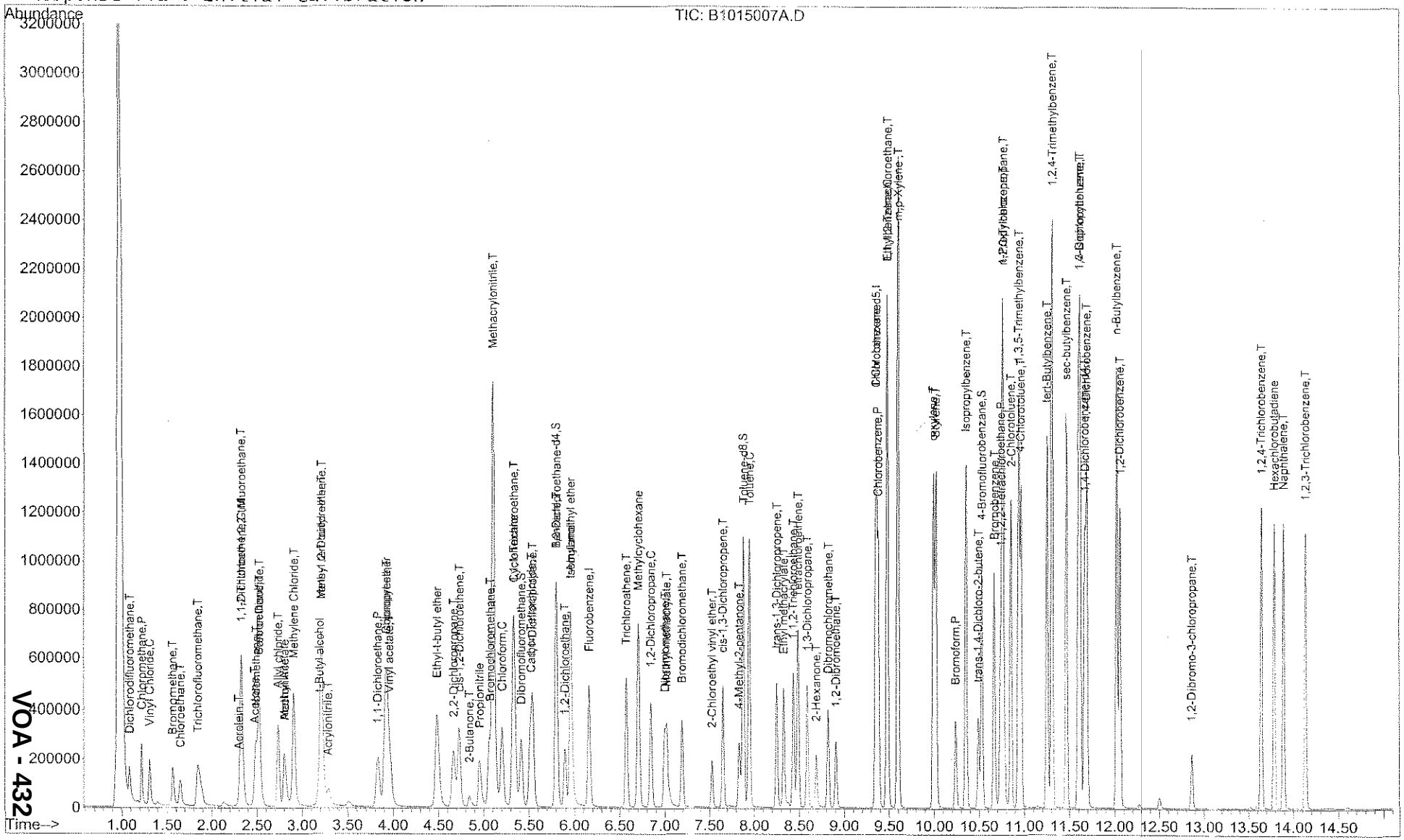
		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
55	S	Toluene-d8	65.000	67.543	-3.9	92	0.00
56	C	Toluene	50.000	55.171	-10.3	96	0.00
57	T	trans-1,3-Dichloropropene	50.000	51.096	-2.2	88	0.00
58	T	Ethyl methacrylate	50.000	55.265	-10.5	97	0.00
59	T	1,1,2-Trichloroethane	50.000	53.864	-7.7	95	0.00
60	T	Tetrachloroethene	50.000	60.967	-21.9	104	0.00
61	T	1,3-Dichloropropane	50.000	53.478	-7.0	95	0.00
62	T	2-Hexanone	50.000	51.894	-3.8	97	0.00
63	T	Dibromochloromethane	50.000	55.063	-10.1	97	0.00
64	T	1,2-Dibromoethane	50.000	52.446	-4.9	94	0.00
65		1-Chlorohexane	50.000	59.368	-18.7	103	0.00
66	P	Chlorobenzene	50.000	55.285	-10.6	97	0.00
67	T	1,1,1,2-Tetrachloroethane	50.000	53.090	-6.2	92	0.00
68	C	Ethylbenzene	50.000	56.681	-13.4	98	0.00
69	T	m,p-Xylene	100.000	111.885	-11.9	98	0.00
70	T	o-xylene	50.000	52.152	-4.3	91	0.00
71	T	Styrene	50.000	52.927	-5.9	90	0.00
72	P	Bromoform	50.000	53.878	-7.8	95	0.00
73	T	Isopropylbenzene	50.000	56.737	-13.5	95	0.00
74	I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	87	0.00
75	T	trans-1,4-Dichloro-2-butene	50.000	48.281	3.4	85	0.00
76	S	4-Bromofluorobenzene	65.000	64.356	1.0	86	0.00
77	T	Bromobenzene	50.000	51.496	-3.0	88	0.00
78	P	1,1,2,2-Tetrachloroethane	50.000	50.379	-0.8	90	0.00
79	T	1,2,3-Trichloropropane	50.000	51.179	-2.4	93	0.00
80	T	n-Propylbenzene	50.000	58.554	-17.1	96	0.00
81	T	2-Chlorotoluene	50.000	52.736	-5.5	90	0.00
82	T	4-Chlorotoluene	50.000	52.146	-4.3	89	0.00
83	T	1,3,5-Trimethylbenzene	50.000	55.271	-10.5	91	0.00
84	T	tert-Butylbenzene	50.000	56.567	-13.1	92	0.00
85	T	1,2,4-Trimethylbenzene	50.000	54.104	-8.2	89	0.00
86	T	sec-butylbenzene	50.000	58.226	-16.5	94	0.00
87	T	1,3-Dichlorobenzene	50.000	53.700	-7.4	91	0.00
88	T	4-Isopropyltoluene	50.000	57.622	-15.2	94	0.00
89	T	1,4-Dichlorobenzene	50.000	54.106	-8.2	92	0.00
90	T	1,2-Dichlorobenzene	50.000	52.725	-5.5	89	0.00
91	T	n-Butylbenzene	50.000	56.988	-14.0	92	0.00
92	T	1,2-Dibromo-3-chloropropane	50.000	48.204	3.6	87	0.00
93	T	1,2,4-Trichlorobenzene	50.000	52.605	-5.2	87	0.00
94		Hexachlorobutadiene	50.000	56.909	-13.8	95	0.00
95	T	Naphthalene	50.000	49.838	0.3	84	0.00
96	T	1,2,3-Trichlorobenzene	50.000	51.734	-3.5	87	0.00

(#) = Out of Range SPCC's out = 0 CCC's out = 0
B1015007A.D B8260S.M Tue Oct 16 06:39:06 2007

Quantitation Report

Data File : X:\MSVOA\BUDDHA\101507\B1015007A.D Vial: 5
Acq On : 15 Oct 2007 8:21 Operator: LPM
Sample : VSTD050B3 Inst : Buddha
Misc : 5ML PFW+STD(MV8-42-18)+IS/SS+SS(MV-8-40- Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Oct 16 6:09 2007 Quant Results File: B8260S.RES

Method : X:\MSVOA\BUDDHA\QUANT\B8260S.M (RTE Integrator)
Title : VOA 8260- 5ML Soil Calibration 5973B
Last Update : Fri Sep 28 16:30:36 2007
Response via : Initial Calibration



Quantitation Report

Data File : X:\MSVOA\BUDDHA\101507\B1015007A.D Vial: 5
Acq On : 15 Oct 2007 8:21 Operator: LPM
Sample : VSTD050B3 Inst : Buddha
Misc : 5ML PFW+STD(MV8-42-18)+IS/SS+SS(MV-8-40- Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Oct 16 6:09 2007 Quant Results File: B8260S.RES

Quant Method : X:\MSVOA\BUDDHA\QUANT\B8260S.M (RTE Integrator)
Title : VOA 8260- 5ML Soil Calibration 5973B
Last Update : Fri Sep 28 16:30:36 2007
Response via : Initial Calibration
DataAcq Meth : 8260
IS QA File : X:\MSVOA\BUDDHA\092807\B0928013.D (28 Sep 2007 12:55)

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min) Rcv(Ar)
1) Fluorobenzene	6.17	96	463792	50.00	ug/l	0.00 74.19%
54) Chlorobenzene-d5	9.36	117	452496	50.00	ug/l	0.00 89.73%
74) 1,4-Dichlorobenzene-d4	11.67	152	288525	50.00	ug/l	0.00 87.09%

System Monitoring Compounds

37) Dibromofluoromethane	5.42	111	189233	72.31	ug/l	0.00
Spiked Amount 50.000	Range 65 - 135		Recovery = 144.62%#			
40) 1,2-Dichloroethane-d4	5.81	65	164868	70.55	ug/l	0.00
Spiked Amount 50.000	Range 52 - 149		Recovery = 141.10%			
55) Toluene-d8	7.88	98	693483	67.54	ug/l	0.00
Spiked Amount 50.000	Range 85 - 115		Recovery = 135.08%#			
76) 4-Bromofluorobenzene	10.53	95	291928	64.36	ug/l	0.00
Spiked Amount 50.000	Range 85 - 120		Recovery = 128.72%#			

Target Compounds

							Qvalue
2) Dichlorodifluoromethane	1.09	85	112866	51.29	ug/l		97
3) Chloromethane	1.22	50	188623	50.72	ug/l		100
4) Vinyl Chloride	1.31	62	171580	54.52	ug/l		96
5) Bromomethane	1.57	96	96580	48.38	ug/l		99
6) Chloroethane	1.65	64	97829	53.79	ug/l		98
7) Trichlorofluoromethane	1.85	101	231077	65.22	ug/l		99
8) Acrolein	2.30	56	10503	46.70	ug/l		95
9) 1,1-Dichloroethene	2.33	96	151011	56.99	ug/l	#	89
10) 1,1,2-Trichloro-1,2,2-trif	2.33	101	155538	65.72	ug/l		94
11) Acetone	2.47	43	53549	50.88	ug/l	#	89
12) Iodomethane	2.49	142	314066	59.96	ug/l		98
13) Bromoethane	2.52	108	140597	55.90	ug/l		92
14) Carbon Disulfide	2.53	76	544053	60.47	ug/l		100
15) Allyl chloride	2.74	76	91741	54.49	ug/l		99
16) Acetonitrile	2.81	41	147648	458.68	ug/l		95
17) Methyl Acetate	2.81	43	143955	53.10	ug/l		99
18) Methylene Chloride	2.91	84	253734	71.53	ug/l		92
19) trans-1,2-Dichloroethene	3.21	96	186283	61.12	ug/l		89
20) t-Butyl alcohol	3.19	59	93076	229.94	ug/l	#	1
21) Methyl tert-butyl ether	3.22	73	455521	48.57	ug/l		99
22) Acrylonitrile	3.29	53	51681	52.01	ug/l		91
23) 1,1-Dichloroethane	3.83	63	287726	54.92	ug/l		97
24) Chloroprene	3.93	53	206006	57.38	ug/l		98
25) Isopropyl ether	3.92	45	541453	50.64	ug/l		99
26) Vinyl acetate	3.97	43	346900	44.85	ug/l		98
27) Ethyl-t-butyl ether	4.49	59	471144	47.55	ug/l		99
28) 2,2-Dichloropropane	4.67	77	204284	54.19	ug/l		98
29) cis-1,2-Dichloroethene	4.74	96	191654	55.60	ug/l		88
30) 2-Butanone	4.85	43	77964	50.98	ug/l	#	88
31) Propionitrile	4.95	54	267726	558.16	ug/l		95
32) Bromochloromethane	5.07	128	99479	56.30	ug/l		92
33) Methacrylonitrile	5.11	41	1048094	529.29	ug/l		92
34) Chloroform	5.21	83	290430	56.11	ug/l		99
35) 1,1,1-Trichloroethane	5.33	97	251930	61.80	ug/l		94
36) Cyclohexane	5.34	56	285485	63.01	ug/l		95

(#) = qualifier out of range (m) = manual integration
B1015007A.D B8260S.M Tue Oct 16 06:39:11 2007

Quantitation Report

Data File : X:\MSVOA\BUDDHA\101507\B1015007A.D Vial: 5
Acq On : 15 Oct 2007 8:21 Operator: LPM
Sample : VSTD050B3 Inst : Buddha
Misc : 5ML PFW+STD(MV8-42-18)+IS/SS+SS(MV-8-40- Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Oct 16 6:09 2007 Quant Results File: B8260S.RES

Quant Method : X:\MSVOA\BUDDHA\QUANT\B8260S.M (RTE Integrator)
Title : VOA 8260- 5ML Soil Calibration 5973B
Last Update : Fri Sep 28 16:30:36 2007
Response via : Initial Calibration
DataAcq Meth : 8260

	Compound	R.T.	QIon	Response	Conc	Unit		Qvalue
38)	Carbon Tetrachloride	5.52	117	240733	68.13	ug/l		95
39)	1,1-Dichloropropene	5.55	75	203991	58.03	ug/l		91
41)	Benzene	5.80	78	681221	55.70	ug/l		100
42)	1,2-Dichloroethane	5.90	62	197370	54.02	ug/l		98
43)	t-Amyl methyl ether	5.97	73	458761	48.23	ug/l	#	90
44)	Isobutanol	5.96	43	335373	988.09	ug/l		88
45)	Trichloroethene	6.58	130	190241	60.66	ug/l		95
46)	Methylcyclohexane	6.71	83	322541	68.17	ug/l		97
47)	1,2-Dichloropropane	6.85	63	163442	57.04	ug/l		98
48)	Dibromomethane	7.00	93	99266	56.60	ug/l		90
49)	Methyl methacrylate	7.03	41	140911	60.71	ug/l	#	88
50)	Bromodichloromethane	7.20	83	225341	58.92	ug/l		99
51)	2-Chloroethyl vinyl ether	7.53	63	72600	56.25	ug/l		97
52)	cis-1,3-Dichloropropene	7.66	75	262756	59.30	ug/l		99
53)	4-Methyl-2-pentanone	7.84	43	176091	54.80	ug/l		96
56)	Toluene	7.95	92	459742	55.17	ug/l		97
57)	trans-1,3-Dichloropropene	8.26	75	248972	51.10	ug/l		100
58)	Ethyl methacrylate	8.34	69	228192	55.27	ug/l		90
59)	1,1,2-Trichloroethane	8.44	97	165266	53.86	ug/l		99
60)	Tetrachloroethene	8.49	166	224080	60.97	ug/l		96
61)	1,3-Dichloropropane	8.60	76	267712	53.48	ug/l		93
62)	2-Hexanone	8.70	43	133012	51.89	ug/l		92
63)	Dibromochloromethane	8.83	129	206112	55.06	ug/l		98
64)	1,2-Dibromoethane	8.91	107	172569	52.45	ug/l		96
65)	1-Chlorohexane	9.36	91	227794	59.37	ug/l		95
66)	Chlorobenzene	9.39	112	553907	55.28	ug/l		96
67)	1,1,1,2-Tetrachloroethane	9.49	131	210518	53.09	ug/l		98
68)	Ethylbenzene	9.48	91	916740	56.68	ug/l		99
69)	m,p-Xylene	9.60	106	730243	111.88	ug/l		97
70)	o-xylene	10.00	106	357274	52.15	ug/l		95
71)	Styrene	10.02	104	642671	52.93	ug/l		98
72)	Bromoform	10.25	173	171269	53.88	ug/l		100
73)	Isopropylbenzene	10.36	105	892409	56.74	ug/l		98
75)	trans-1,4-Dichloro-2-buten	10.50	53	70726	48.28	ug/l		93
77)	Bromobenzene	10.67	156	281368	51.50	ug/l		88
78)	1,1,2,2-Tetrachloroethane	10.74	83	265355	50.38	ug/l		97
79)	1,2,3-Trichloropropane	10.76	110	77759	51.18	ug/l	#	62
80)	n-Propylbenzene	10.77	120	275649	58.55	ug/l		94
81)	2-Chlorotoluene	10.86	91	667714	52.74	ug/l		98
82)	4-Chlorotoluene	10.97	91	760541	52.15	ug/l		95
83)	1,3,5-Trimethylbenzene	10.94	105	846091	55.27	ug/l		98
84)	tert-Butylbenzene	11.26	119	721735	56.57	ug/l		96
85)	1,2,4-Trimethylbenzene	11.31	105	859754	54.10	ug/l		97
86)	sec-butylbenzene	11.47	105	1070468	58.23	ug/l		100
87)	1,3-Dichlorobenzene	11.60	146	556255	53.70	ug/l		96
88)	4-Isopropyltoluene	11.62	119	993013	57.62	ug/l		97
89)	1,4-Dichlorobenzene	11.70	146	563773	54.11	ug/l		98
90)	1,2-Dichlorobenzene	12.07	146	526368	52.73	ug/l		99
91)	n-Butylbenzene	12.03	91	891705	56.99	ug/l		99
92)	1,2-Dibromo-3-chloropropan	12.87	75	48880	48.20	ug/l		99
93)	1,2,4-Trichlorobenzene	13.65	180	404238	52.61	ug/l		98
94)	Hexachlorobutadiene	13.79	225	236276	56.91	ug/l		100
95)	Naphthalene	13.89	128	863430	49.84	ug/l		99
96)	1,2,3-Trichlorobenzene	14.13	180	367392	51.73	ug/l		99

(#) = qualifier out of range (m) = manual integration
B1015007A.D B8260S.M Tue Oct 16 06:39:11 2007

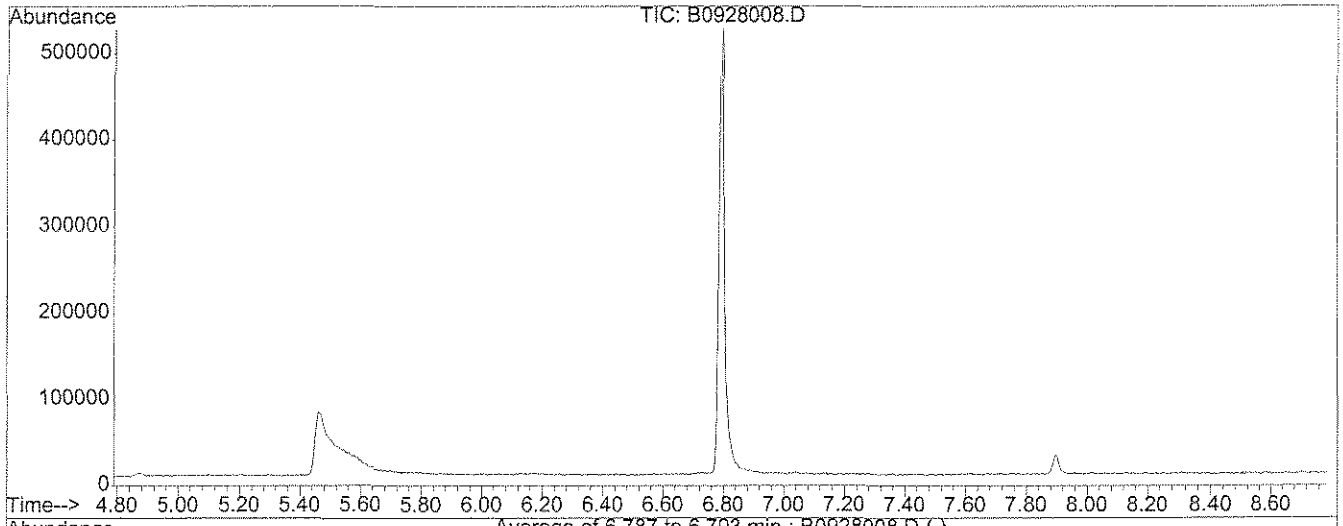
RAW QC DATA

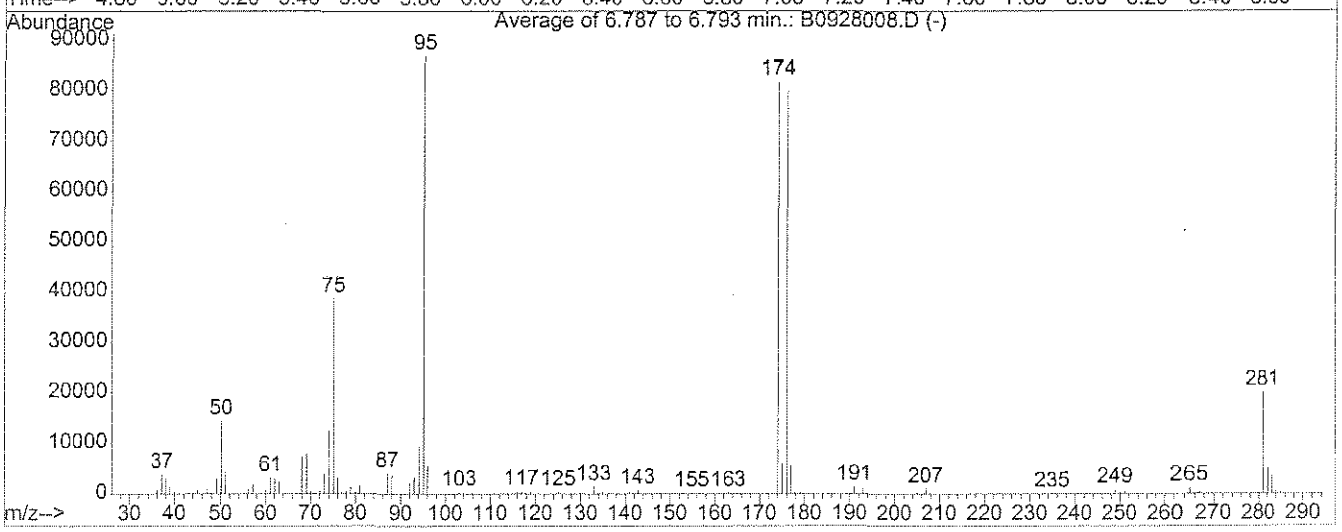
SDG TT02001

VOLATILES ANALYSIS

BFB

Data File : X:\MSVOA\BUDDHA\092807\B0928008.D Vial: 4
Acq On : 28 Sep 2007 10:47 Operator: LPM
Sample : BFBB2 Inst : Buddha
Misc : 1ul DIRECT INJECT MV-8-34-8 Multiplr: 1.00
MS Integration Params: rteint.p
Method : X:\MSVOA\BUDDHA\QUANT\B8260S.M (RTE Integrator)
Title : VOA 8260- 5ML Soil Calibration 5973B





AutoFind: Scans 843, 844, 845; Background Corrected with Scan 833

Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
50	95	15	40	16.7	14524	PASS
75	95	30	60	44.5	38637	PASS
95	95	100	100	100.0	86867	PASS
96	95	5	9	6.6	5713	PASS
173	174	0.00	2	0.0	0	PASS
174	95	50	120	94.1	81707	PASS
175	174	5	9	7.5	6134	PASS
176	174	95	101	97.8	79931	PASS
177	176	5	9	7.1	5683	PASS

Average of 6.787 to 6.793 min.: B0928008.D
BFBB2
Modified:subtracted

m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
36.05	791	48.00	314	60.05	760	74.10	12741
37.10	3896	48.20	172	61.05	3296	75.10	38637
38.05	3426	49.05	3127	62.05	3278	76.05	3426
39.05	1440	50.10	14524	63.05	2512	76.95	530
40.00	442	51.10	4711	63.95	268	78.00	456
41.00	230	52.10	190	67.00	108	78.95	1535
42.90	28	55.05	297	68.05	7542	80.00	502
44.05	452	56.10	1182	69.10	7965	80.95	1747
45.05	999	57.10	1954	70.05	597	81.95	399
47.15	1242	59.00	67	72.10	563	83.10	51
47.70	118	59.20	189	73.05	3999	87.00	4203

Average of 6.787 to 6.793 min.: B0928008.D
BFBB2
Modified:subtracted

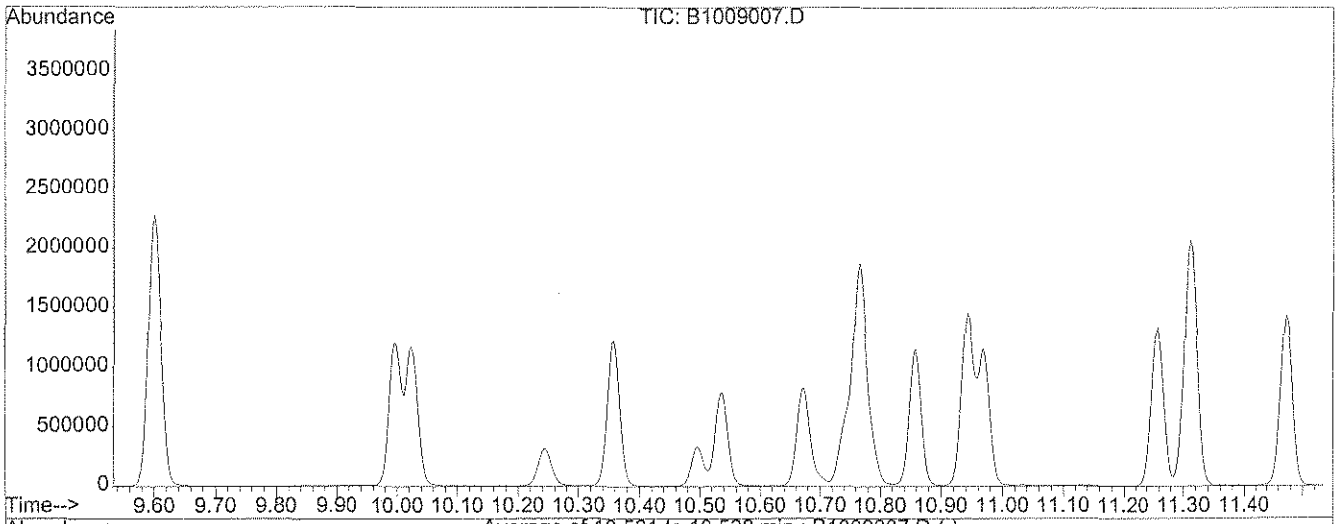
m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
88.00	3706	104.00	193	118.90	530	136.85	113
90.95	287	104.90	258	124.80	80	140.90	731
92.05	2375	105.95	391	125.10	465	141.90	64
93.00	3421	110.90	72	125.70	66	142.85	780
94.10	9541	111.20	61	127.95	299	145.00	59
95.10	86867	111.90	51	129.00	54	145.90	123
96.00	5713	112.10	113	129.95	350	147.00	263
97.00	102	114.95	259	130.90	115	147.85	275
97.20	77	116.00	305	133.00	1488	148.90	59
103.05	478	116.95	617	134.15	335	149.95	106
103.80	116	117.95	372	134.90	314	154.90	202

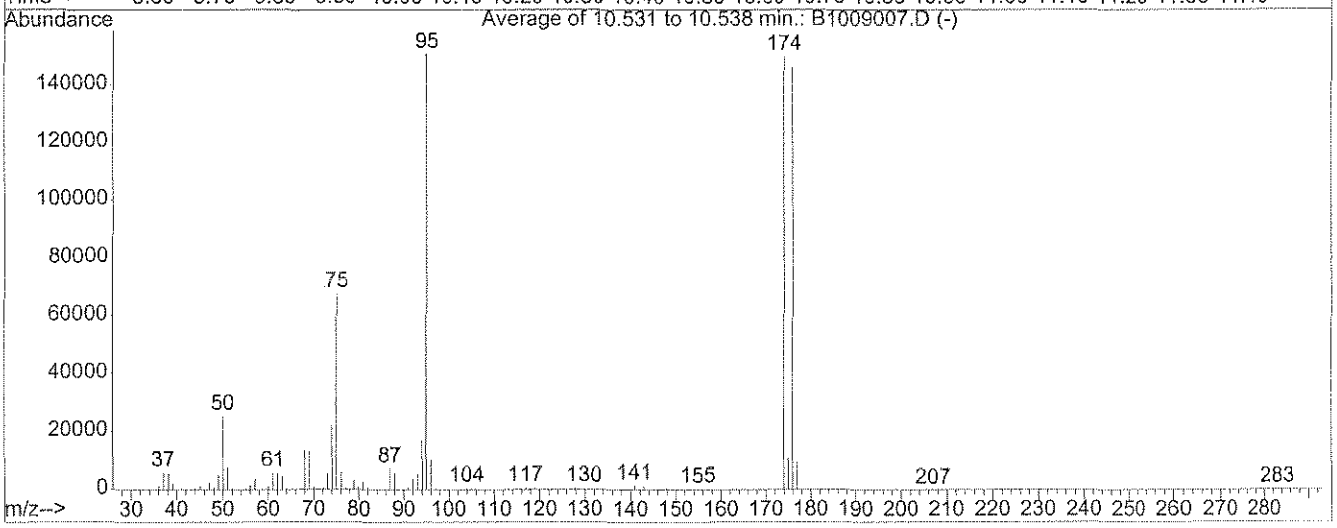
Average of 6.787 to 6.793 min.: B0928008.D
BFBB2
Modified:subtracted

m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
156.85	147	177.90	372	205.05	373	265.95	418
158.80	85	179.00	330	206.10	53	267.00	496
160.90	61	180.90	57	207.00	1080	281.00	20087
161.10	82	188.90	111	207.90	333	282.05	5305
163.05	303	191.00	1485	234.95	177	283.00	3605
164.90	55	192.00	283	248.90	1017	284.00	791
165.10	94	192.95	1433	249.95	416	285.05	313
174.00	81707	193.90	51	251.00	556		
175.00	6134	194.05	221	252.00	194		
176.00	79931	194.95	223	253.00	68		
176.95	5683	203.00	71	265.00	1287		

BFB Tune Evaluation

Data File : X:\MSVOA\BUDDHA\100907\B1009007.D Vial: 3
Acq On : 9 Oct 2007 7:28 Operator: LPM
Sample : BFB4 Inst : Buddha
Misc : 5ML PFW+STD(MV8-42-18)+IS/SS+SS(MV-8-40- Multiplr: 1.00
MS Integration Params: rteint.p
Method : X:\MSVOA\BUDDHA\QUANT\B8260S.M (RTE Integrator)
Title : VOA 8260- 5ML Soil Calibration 5973B





Peak Apex is scan: 3265 (10.53 min)
Average of 3 scans: 3264,3265,3266 minus background scan 3245 (10.47 min)

Target Mass	Rel. to Mass	Lower Limit,%	Upper Limit,%	Rel. Abn,%	Raw Abn	Result Pass/Fail
50	95	8	40	16.8	25325	PASS
75	95	30	66	44.8	67764	PASS
95	95	100	100	100.0	151168	PASS
96	95	5	9	6.9	10500	PASS
173	174	0	2	0.0	0	PASS
174	95	50	120	99.3	150123	PASS
175	174	4	9	7.3	11003	PASS
176	174	93	101	97.6	146560	PASS
177	176	5	9	6.7	9758	PASS

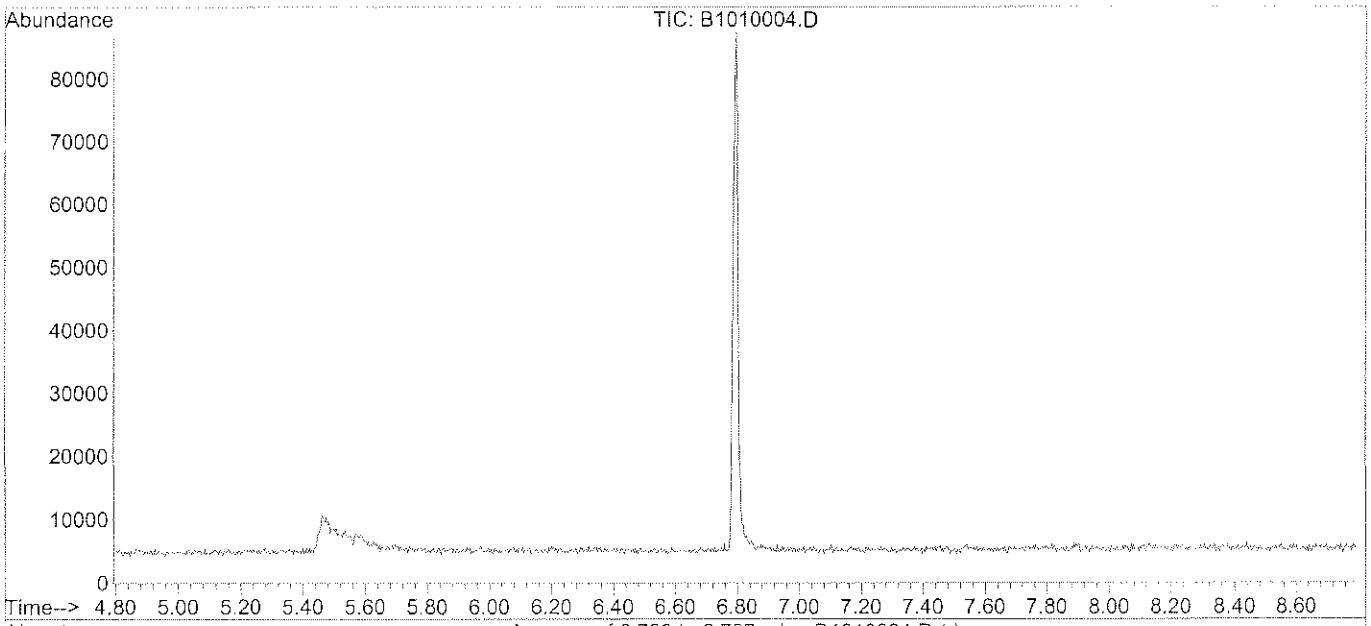
B1009007.D B8260S.M Mon Oct 15 12:14:14 2007

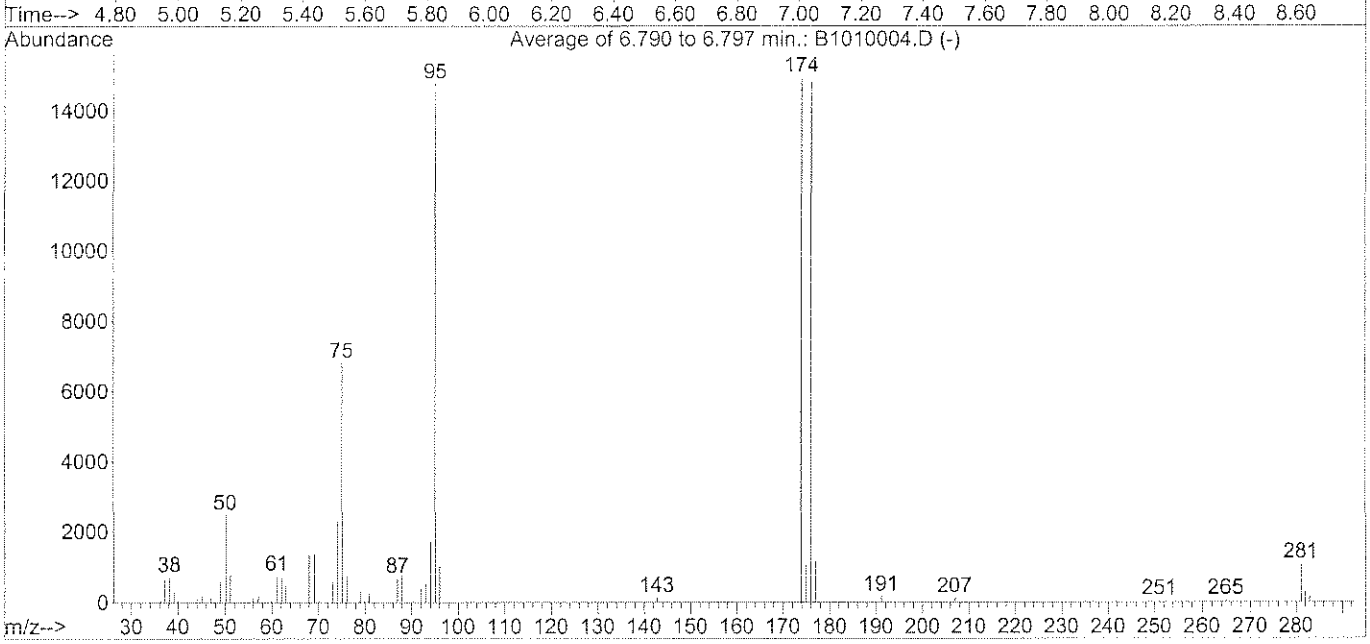
Average of 10.531 to 10.538 min.: B1009007.D
BFB4
Modified:subtracted

m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
36.10	1394	57.05	3626	75.00	67764	96.00	10500
37.10	5949	60.05	1137	76.05	5884	116.95	780
38.10	5831	61.05	5815	78.95	2996	140.90	1527
39.10	2079	62.05	5634	79.95	834	142.90	1305
45.05	1189	63.10	4472	80.95	2902	173.95	150123
47.05	2378	68.00	13360	87.00	7394	174.95	11003
48.05	866	69.05	13160	87.95	5857	175.95	146560
49.05	5261	70.05	1011	92.05	3859	176.95	9758
50.10	25325	72.05	771	93.00	5834		
51.05	7686	73.05	5545	94.05	17054		
56.05	1791	74.05	22235	95.00	151168		

BFB

Data File : X:\MSVOA\BUDDHA\101007\B1010004.D Vial: 4
Acq On : 10 Oct 2007 6:59 Operator: LPM
Sample : BFBB1 Inst : Buddha
Misc : 1ul DIRECT INJECT MV-8-34-8 Multiplr: 1.00
MS Integration Params: rteint.p
Method : X:\MSVOA\BUDDHA\QUANT\B8260S.M (RTE Integrator)
Title : VOA 8260- 5ML Soil Calibration 5973B





AutoFind: Scans 844, 845, 846; Background Corrected with Scan 836

Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
50	95	15	40	16.9	2495	PASS
75	95	30	60	46.1	6823	PASS
95	95	100	100	100.0	14793	PASS
96	95	5	9	7.1	1047	PASS
173	174	0.00	2	0.0	0	PASS
174	95	50	120	101.2	14970	PASS
175	174	5	9	7.2	1072	PASS
176	174	95	101	99.1	14832	PASS
177	176	5	9	7.8	1154	PASS

Average of 6.790 to 6.797 min.: B1010004.D
BFBB1
Modified:subtracted

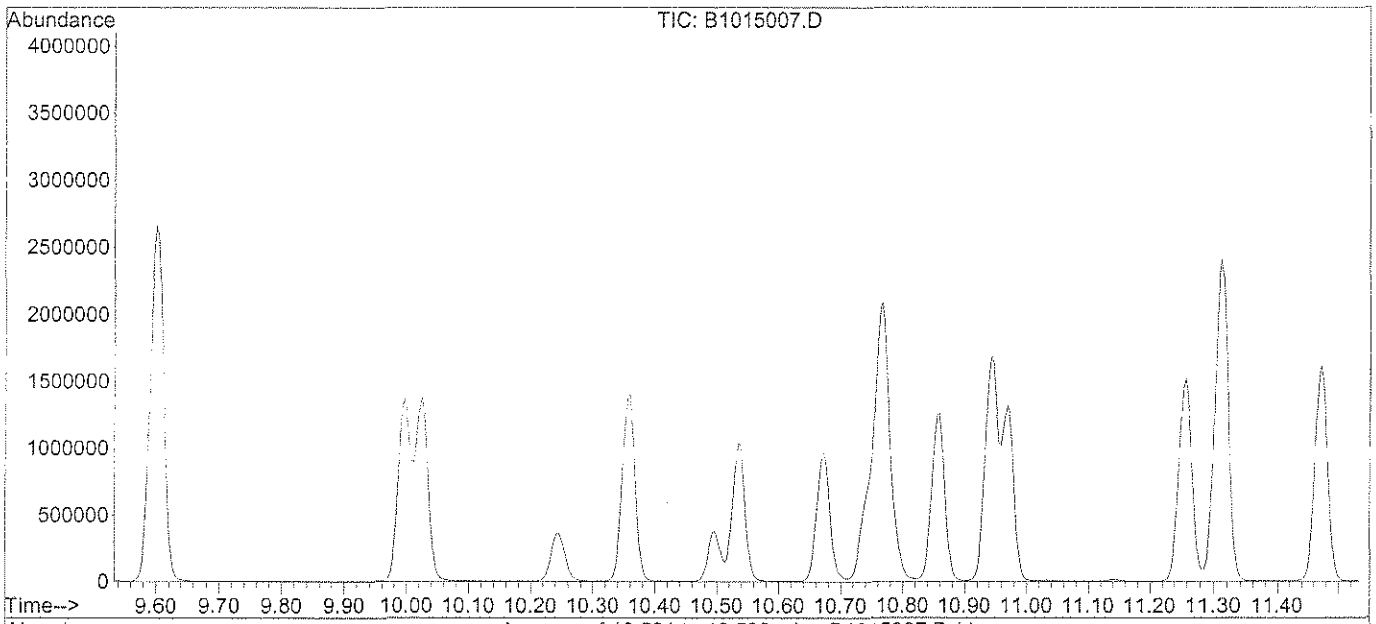
m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
36.20	56	51.05	783	73.05	587	93.05	557
37.05	666	56.05	135	74.05	2323	94.05	1716
38.10	727	57.00	104	75.05	6823	95.05	14793
39.10	316	57.15	188	76.10	741	96.05	1047
40.00	53	59.90	58	78.95	323	142.75	141
44.00	95	61.05	761	79.80	53	173.90	14970
45.00	196	62.05	694	80.80	265	175.00	1072
46.90	161	63.05	493	81.00	157	175.95	14832
47.20	67	68.00	1367	86.95	695	176.95	1154
49.00	606	69.10	1381	87.95	757	191.10	180
50.10	2495	70.10	51	92.00	409	207.00	128

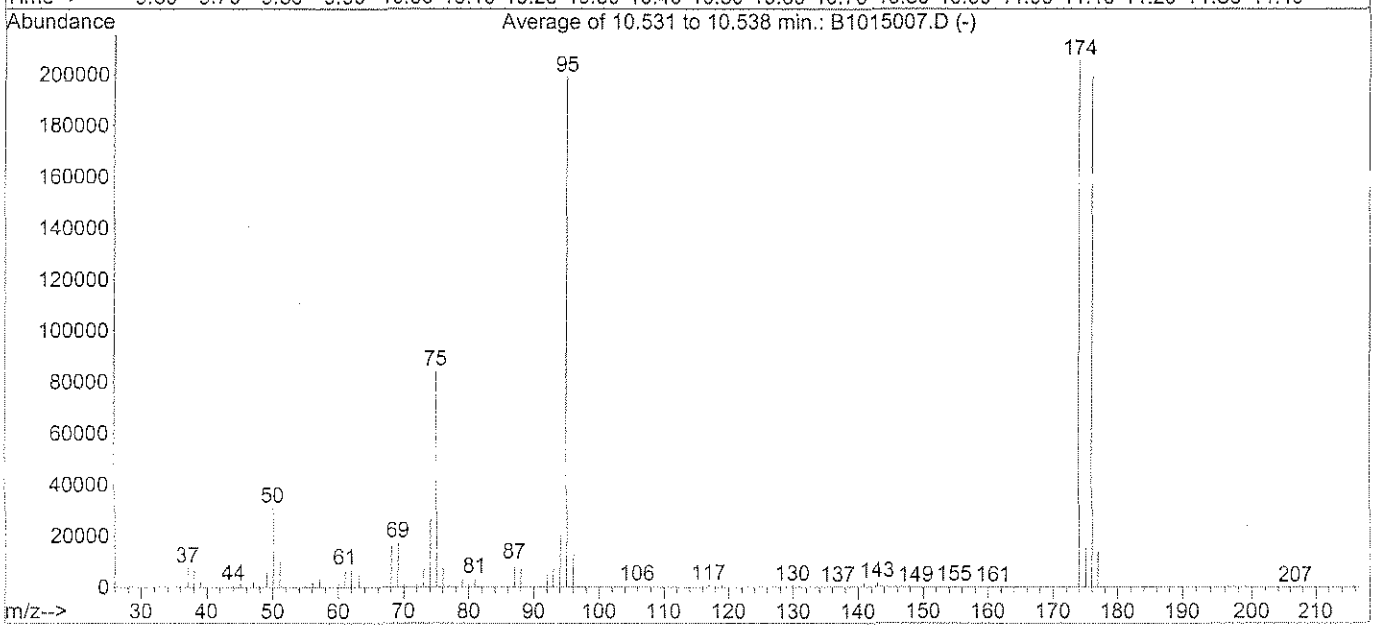
Average of 6.790 to 6.797 min.: B1010004.D
BFBB1
Modified:subtracted

m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
251.10	56						
264.90	61						
281.05	1073						
281.95	296						
282.90	187						

BFB Tune Evaluation

Data File : X:\MSVOA\BUDDHA\101507\B1015007.D Vial: 5
Acq On : 15 Oct 2007 8:21 Operator: LPM
Sample : BFB/VSTD050B3 Inst : Buddha
Misc : 5ML PFW+STD(MV8-42-18)+IS/SS+SS(MV-8-40- Multiplr: 1.00
MS Integration Params: rteint.p
Method : X:\MSVOA\BUDDHA\QUANT\B8260S.M (RTE Integrator)
Title : VOA 8260- 5ML Soil Calibration 5973B





Peak Apex is scan: 3265 (10.53 min)
Average of 3 scans: 3264,3265,3266 minus background scan 3245 (10.47 min)

Target Mass	Rel. to Mass	Lower Limit,%	Upper Limit,%	Rel. Abn,%	Raw Abn	Result Pass/Fail
50	95	8	40	15.6	31053	PASS
75	95	30	66	42.4	84569	PASS
95	95	100	100	100.0	199253	PASS
96	95	5	9	6.5	13014	PASS
173	174	0	2	0.0	0	PASS
174	95	50	120	103.3	205739	PASS
175	174	4	9	7.5	15474	PASS
176	174	93	101	96.8	199232	PASS
177	176	5	9	6.9	13785	PASS

B1015007.D B8260S.M Tue Oct 16 06:39:46 2007

Average of 10.531 to 10.538 min.: B1015007.D
BFB/VSTD050B3
Modified:subtracted

m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
36.00	1410	57.05	3988	76.05	7752	140.90	1571
37.10	7761	60.05	1418	79.00	3296	142.95	1806
38.10	6935	61.00	7132	79.95	1062	173.95	205739
39.10	2115	62.00	6932	80.90	3535	175.00	15474
45.05	1408	63.10	5566	87.00	9188	175.95	199232
47.10	2929	68.05	16662	88.00	8077	176.90	13785
47.95	1085	69.05	17469	92.00	5175		
49.05	6373	70.10	1346	93.00	7406		
50.05	31053	73.05	7192	94.05	20888		
51.05	9989	74.05	27400	95.00	199253		
56.05	2149	75.00	84569	96.05	13014		

1

VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

B100907MVOSB2

Lab Name: _____ Contract: _____

SDG No.: TT02001 Run Sequence: R022318

Matrix: (SOIL/SED/WATER) Soil Lab Sample ID: B100907MVOSB2

Sample wt/vol: 5.00 (g/mL) gm Lab File ID: B1009012.D

Level: (LOW/MED) _____ Date Collected: _____

% Moisture: not dec. 0.0 Date/Time Analyzed: 10/09/2007 09:40

GC Column: ZB-624 20m ID: 0.18 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____(uL) Soil Aliquot Volume: _____(uL)

Heated Purge: (Y/N) Y

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/kg	Q
1330-20-7	XYLENES, TOTAL	1.0	U
75-71-8	DICHLORODIFLUOROMETHANE	1.0	U
74-87-3	CHLOROMETHANE	1.0	U
75-01-4	VINYL CHLORIDE	1.0	U
74-83-9	BROMOMETHANE	1.0	U
75-00-3	CHLOROETHANE	1.0	U
75-69-4	TRICHLOROFLUOROMETHANE	1.0	U
75-35-4	1,1-DICHLOROETHENE	1.0	U
76-13-1	1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	1.0	U
67-64-1	ACETONE	2.6	JB
75-15-0	CARBON DISULFIDE	1.0	U
79-20-9	METHYL ACETATE	1.0	U
75-09-2	METHYLENE CHLORIDE	3.9	B
1634-04-4	METHYL TERT-BUTYL ETHER	1.0	U
156-60-5	TRANS-1,2-DICHLOROETHENE	1.0	U
75-34-3	1,1-DICHLOROETHANE	1.0	U
156-59-2	CIS-1,2-DICHLOROETHENE	1.0	U
78-93-3	2-BUTANONE	1.0	U
67-66-3	CHLOROFORM	1.0	U
71-55-6	1,1,1-TRICHLOROETHANE	1.0	U
110-82-7	CYCLOHEXANE	1.0	U
56-23-5	CARBON TETRACHLORIDE	1.0	U
71-43-2	BENZENE	1.0	U
107-06-2	1,2-DICHLOROETHANE	1.0	U
79-01-6	TRICHLOROETHENE	1.0	U
108-87-2	METHYLCYCLOHEXANE	1.0	U
78-87-5	1,2-DICHLOROPROPANE	1.0	U
75-27-4	BROMODICHLOROMETHANE	1.0	U
10061-01-	CIS-1,3-DICHLOROPROPENE	1.0	U

VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

B100907MVOSB2

Lab Name: _____ Contract: _____

SDG No.: TT02001 Run Sequence: R022318

Matrix: (SOIL/SED/WATER) Soil Lab Sample ID: B100907MVOSB2

Sample wt/vol: 5.00 (g/mL) gm Lab File ID: B1009012.D

Level: (LOW/MED) _____ Date Collected: _____

% Moisture: not dec. 0.0 Date/Time Analyzed: 10/09/2007 09:40

GC Column: ZB-624 20m ID: 0.18 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____(uL) Soil Aliquot Volume: _____(uL)

Heated Purge: (Y/N) Y

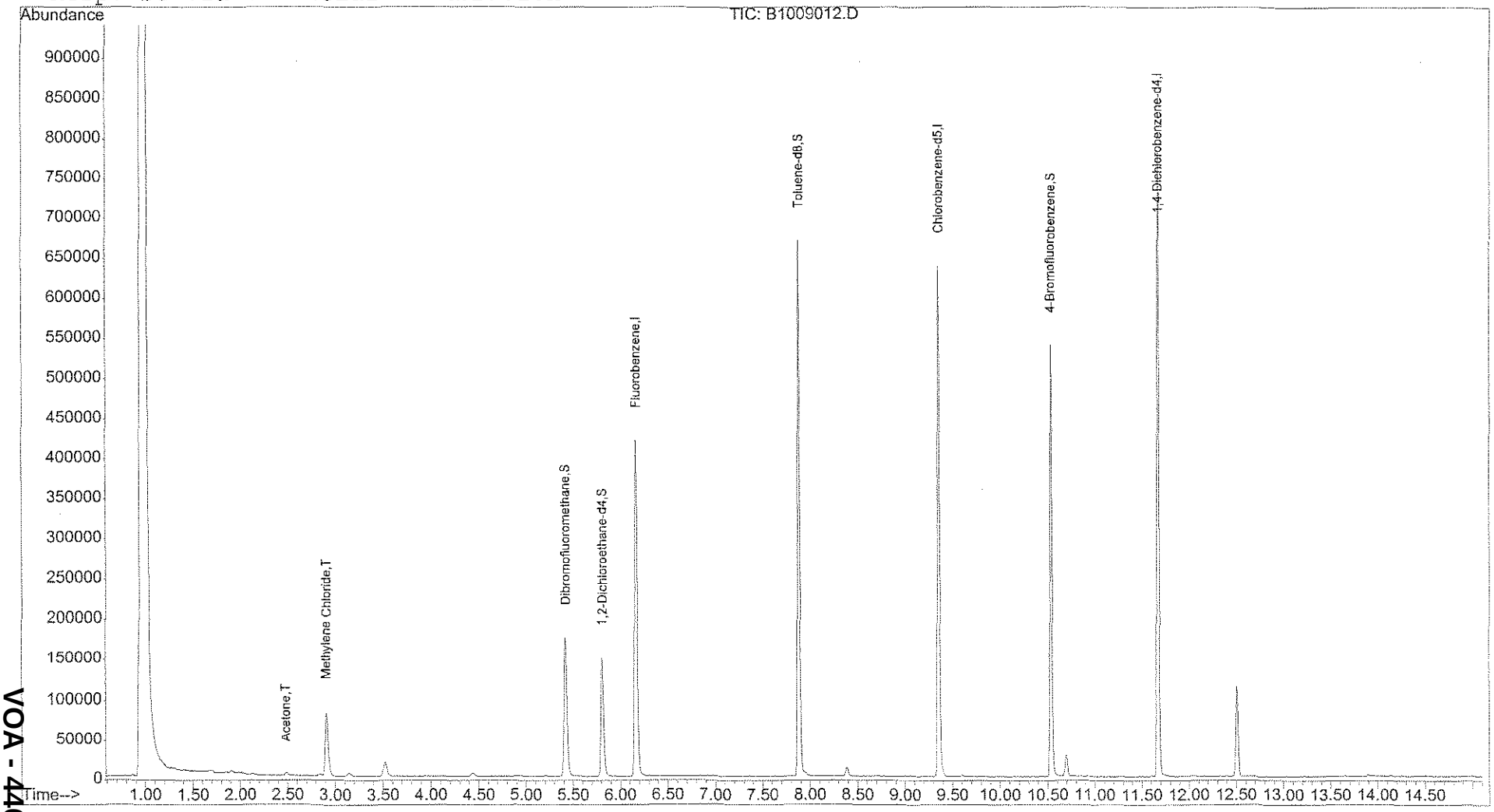
CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/kg	Q
108-10-1	4-METHYL-2-PENTANONE	1.0	U
108-88-3	TOLUENE	1.0	U
10061-02-	TRANS-1,3-DICHLOROPROPENE	1.0	U
79-00-5	1,1,2-TRICHLOROETHANE	1.0	U
127-18-4	TETRACHLOROETHENE	1.0	U
591-78-6	2-HEXANONE	1.0	U
124-48-1	DIBROMOCHLOROMETHANE	1.0	U
106-93-4	1,2-DIBROMOETHANE	1.0	U
108-90-7	CHLOROBENZENE	1.0	U
100-41-4	ETHYLBENZENE	1.0	U
179601-23	M,P-XYLENE	1.0	U
95-47-6	O-XYLENE	1.0	U
100-42-5	STYRENE	1.0	U
75-25-2	BROMOFORM	1.0	U
98-82-8	ISOPROPYLBENZENE	1.0	U
79-34-5	1,1,2,2-TETRACHLOROETHANE	1.0	U
541-73-1	1,3-DICHLOROBENZENE	1.0	U
106-46-7	1,4-DICHLOROBENZENE	1.0	U
95-50-1	1,2-DICHLOROBENZENE	1.0	U
96-12-8	1,2-DIBROMO-3-CHLOROPROPANE	1.0	U
120-82-1	1,2,4-TRICHLOROBENZENE	1.0	U

Comments:

Quantitation Report

Data File : X:\MSVOA\BUDDHA\100907\B1009012.D Vial: 6
Acq On : 9 Oct 2007 9:40 Operator: LPM
Sample : B100907MVOSB2 Inst : Buddha
Misc : 5ML PFW+IS/SS(MV-8-42-9) Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Oct 10 7:46 2007 Quant Results File: B8260S.RES

Method : X:\MSVOA\BUDDHA\QUANT\B8260S.M (RTE Integrator)
Title : VOA 8260- 5ML Soil Calibration 5973B
Last Update : Fri Sep 28 16:30:36 2007
Response via : Initial Calibration



Quantitation Report

Data File : X:\MSVOA\BUDDHA\100907\B1009012.D Vial: 6
Acq On : 9 Oct 2007 9:40 Operator: LPM
Sample : B100907MVOSB2 Inst : Buddha
Misc : 5ML PFW+IS/SS(MV-8-42-9) Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Oct 10 7:46 2007 Quant Results File: B8260S.RES

Quant Method : X:\MSVOA\BUDDHA\QUANT\B8260S.M (RTE Integrator)
Title : VOA 8260- 5ML Soil Calibration 5973B
Last Update : Fri Sep 28 16:30:36 2007
Response via : Initial Calibration
DataAcq Meth : 8260
IS QA File : X:\MSVOA\BUDDHA\092807\B0928013.D (28 Sep 2007 12:55)

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min) Rcv(Ar)
1) Fluorobenzene	6.17	96	395497	50.00 ug/l	0.00 63.27%
54) Chlorobenzene-d5	9.36	117	357387	50.00 ug/l	0.00 70.87%
74) 1,4-Dichlorobenzene-d4	11.67	152	205535	50.00 ug/l	0.00 62.04%

System Monitoring Compounds

37) Dibromofluoromethane	5.42	111	120651	54.07 ug/l	0.00
Spiked Amount 50.000	Range 65 - 135		Recovery = 108.14%		
40) 1,2-Dichloroethane-d4	5.81	65	103924	52.15 ug/l	0.00
Spiked Amount 50.000	Range 52 - 149		Recovery = 104.30%		
55) Toluene-d8	7.88	98	419536	51.74 ug/l	0.00
Spiked Amount 50.000	Range 85 - 115		Recovery = 103.48%		
76) 4-Bromofluorobenzene	10.53	95	159535	49.37 ug/l	0.00
Spiked Amount 50.000	Range 85 - 120		Recovery = 98.74%		

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.09	85	116	N.D.	
3) Chloromethane	1.23	50	36	N.D.	
4) Vinyl Chloride	0.00	62	0	N.D.	
5) Bromomethane	1.57	96	27	N.D.	
6) Chloroethane	0.00	64	0	N.D.	
7) Trichlorofluoromethane	1.85	101	28	N.D.	
8) Acrolein	0.00	56	0	N.D. d	
9) 1,1-Dichloroethene	2.38	96	28	N.D.	
10) 1,1,2-Trichloro-1,2,2-trif	0.00	101	0	N.D.	
11) Acetone	2.49	43	2369	2.64 ug/l	96
12) Iodomethane	0.00	142	0	N.D.	
13) Bromoethane	0.00	108	0	N.D.	
14) Carbon Disulfide	2.54	76	179	N.D.	
15) Allyl chloride	0.00	76	0	N.D.	
16) Acetonitrile	2.82	41	315	N.D.	
17) Methyl Acetate	2.84	43	1261	N.D.	
18) Methylene Chloride	2.91	84	44465	3.92 ug/l	95
19) trans-1,2-Dichloroethene	0.00	96	0	N.D.	
20) t-Butyl alcohol	0.00	59	0	N.D.	
21) Methyl tert-butyl ether	3.23	73	26	N.D.	
22) Acrylonitrile	0.00	53	0	N.D.	

(#) = qualifier out of range (m) = manual integration
B1009012.D B8260S.M Wed Oct 10 07:46:48 2007

10/10/07

Quantitation Report

Data File : X:\MSVOA\BUDDHA\100907\B1009012.D Vial: 6
Acq On : 9 Oct 2007 9:40 Operator: LPM
Sample : B100907MVOSB2 Inst : Buddha
Misc : 5ML PFW+IS/SS(MV-8-42-9) Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Oct 10 7:46 2007 Quant Results File: B8260S.RES

Quant Method : X:\MSVOA\BUDDHA\QUANT\B8260S.M (RTE Integrator)
Title : VOA 8260- 5ML Soil Calibration 5973B
Last Update : Fri Sep 28 16:30:36 2007
Response via : Initial Calibration
DataAcq Meth : 8260

Compound	R.T.	QIon	Response	Conc Unit	Qvalue
23) 1,1-Dichloroethane	0.00	63	0	N.D.	
24) Chloroprene	0.00	53	0	N.D.	
25) Isopropyl ether	0.00	45	0	N.D.	
26) Vinyl acetate	0.00	43	0	N.D.	
27) Ethyl-t-butyl ether	0.00	59	0	N.D.	
28) 2,2-Dichloropropane	0.00	77	0	N.D.	
29) cis-1,2-Dichloroethene	0.00	96	0	N.D.	
30) 2-Butanone	4.90	43	236	N.D.	
31) Propionitrile	0.00	54	0	N.D.	
32) Bromochloromethane	0.00	128	0	N.D.	
33) Methacrylonitrile	5.13	41	30	N.D.	
34) Chloroform	5.21	83	990	N.D.	
35) 1,1,1-Trichloroethane	0.00	97	0	N.D.	
36) Cyclohexane	5.41	56	39	N.D.	
38) Carbon Tetrachloride	0.00	117	0	N.D.	
39) 1,1-Dichloropropene	0.00	75	0	N.D.	
41) Benzene	5.81	78	352	N.D.	
42) 1,2-Dichloroethane	0.00	62	0	N.D.	
43) t-Amyl methyl ether	0.00	73	0	N.D.	
44) Isobutanol	6.02	43	30	N.D.	
45) Trichloroethene	0.00	130	0	N.D.	
46) Methylcyclohexane	6.72	83	31	N.D.	
47) 1,2-Dichloropropane	0.00	63	0	N.D.	
48) Dibromomethane	0.00	93	0	N.D.	
49) Methyl methacrylate	7.00	41	39	N.D.	
50) Bromodichloromethane	0.00	83	0	N.D.	
51) 2-Chloroethyl vinyl ether	0.00	63	0	N.D.	
52) cis-1,3-Dichloropropene	0.00	75	0	N.D.	
53) 4-Methyl-2-pentanone	7.88	43	1872	N.D.	
56) Toluene	7.95	92	1082	N.D.	
57) trans-1,3-Dichloropropene	0.00	75	0	N.D.	
58) Ethyl methacrylate	0.00	69	0	N.D.	
59) 1,1,2-Trichloroethane	8.39	97	85	N.D.	
60) Tetrachloroethene	0.00	166	0	N.D.	
61) 1,3-Dichloropropane	0.00	76	0	N.D.	
62) 2-Hexanone	8.72	43	341	N.D.	
63) Dibromochloromethane	0.00	129	0	N.D.	
64) 1,2-Dibromoethane	0.00	107	0	N.D.	
65) 1-Chlorohexane	9.35	91	736	N.D.	
66) Chlorobenzene	9.39	112	484	N.D.	
67) 1,1,1,2-Tetrachloroethane	0.00	131	0	N.D.	

(#) = qualifier out of range (m) = manual integration

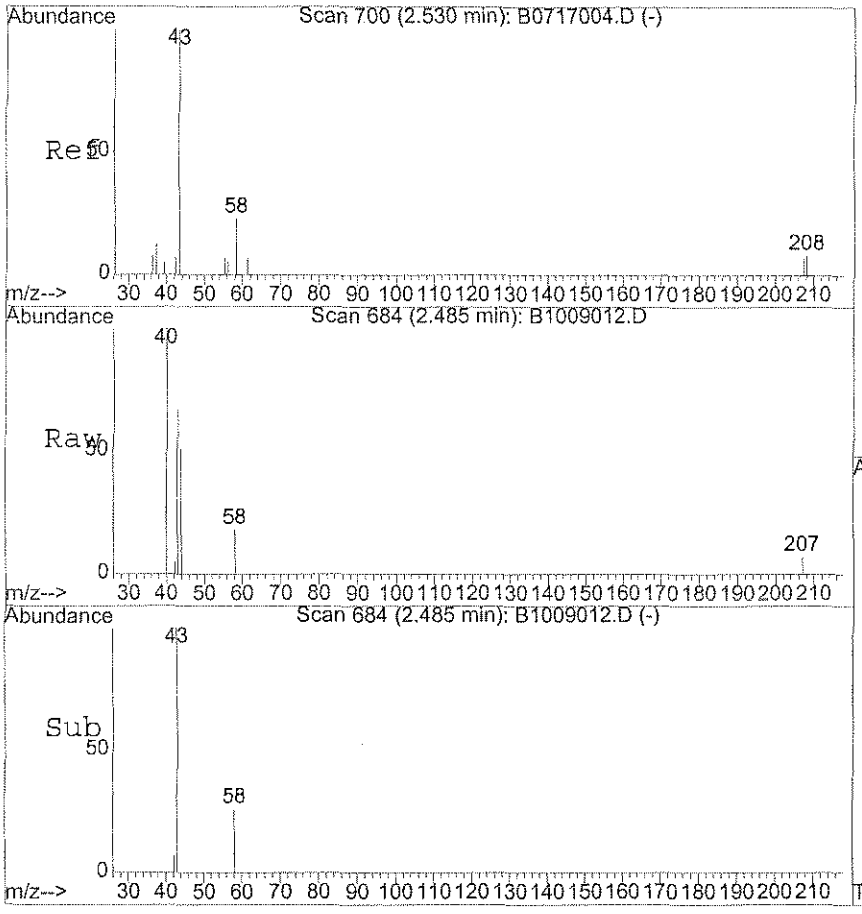
Quantitation Report

Data File : X:\MSVOA\BUDDHA\100907\B1009012.D Vial: 6
Acq On : 9 Oct 2007 9:40 Operator: LPM
Sample : B100907MVOSB2 Inst : Buddha
Misc : 5ML PFW+IS/SS(MV-8-42-9) Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Oct 10 7:46 2007 Quant Results File: B8260S.RES

Quant Method : X:\MSVOA\BUDDHA\QUANT\B8260S.M (RTE Integrator)
Title : VOA 8260- 5ML Soil Calibration 5973B
Last Update : Fri Sep 28 16:30:36 2007
Response via : Initial Calibration
DataAcq Meth : 8260

	Compound	R.T.	QIon	Response	Conc Unit	Qvalue
68)	Ethylbenzene	9.48	91	706	N.D.	
69)	m,p-Xylene	9.60	106	629	N.D.	
70)	o-xylene	10.00	106	162	N.D.	
71)	Styrene	10.03	104	313	N.D.	
72)	Bromoform	0.00	173	0	N.D.	
73)	Isopropylbenzene	10.36	105	238	N.D.	
75)	trans-1,4-Dichloro-2-buten	0.00	53	0	N.D.	
77)	Bromobenzene	10.67	156	205	N.D.	
78)	1,1,2,2-Tetrachloroethane	10.53	83	30	N.D.	
79)	1,2,3-Trichloropropane	0.00	110	0	N.D.	
80)	n-Propylbenzene	10.76	120	61	N.D.	
81)	2-Chlorotoluene	10.97	91	696	N.D.	
82)	4-Chlorotoluene	10.97	91	696	N.D.	
83)	1,3,5-Trimethylbenzene	10.94	105	360	N.D.	
84)	tert-Butylbenzene	11.26	119	39	N.D.	
85)	1,2,4-Trimethylbenzene	11.31	105	699	N.D.	
86)	sec-butylbenzene	11.48	105	402	N.D.	
87)	1,3-Dichlorobenzene	11.61	146	720	N.D.	
88)	4-Isopropyltoluene	11.62	119	489	N.D.	
89)	1,4-Dichlorobenzene	11.69	146	1105	N.D.	
90)	1,2-Dichlorobenzene	12.07	146	690	N.D.	
91)	n-Butylbenzene	12.02	91	620	N.D.	
92)	1,2-Dibromo-3-chloropropan	0.00	75	0	N.D.	
93)	1,2,4-Trichlorobenzene	13.65	180	770	N.D.	
94)	Hexachlorobutadiene	13.79	225	66	N.D.	
95)	Naphthalene	13.90	128	2078	N.D.	
96)	1,2,3-Trichlorobenzene	14.14	180	626	N.D.	

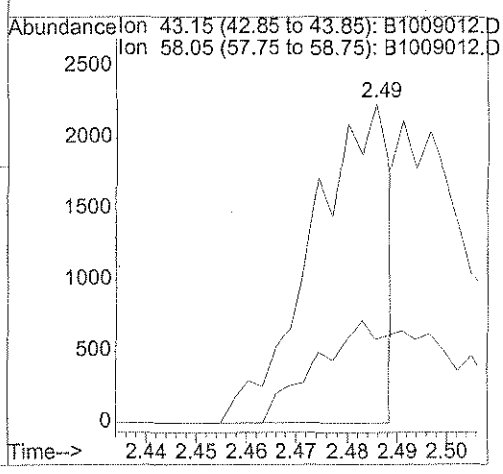
(#) = qualifier out of range (m) = manual integration

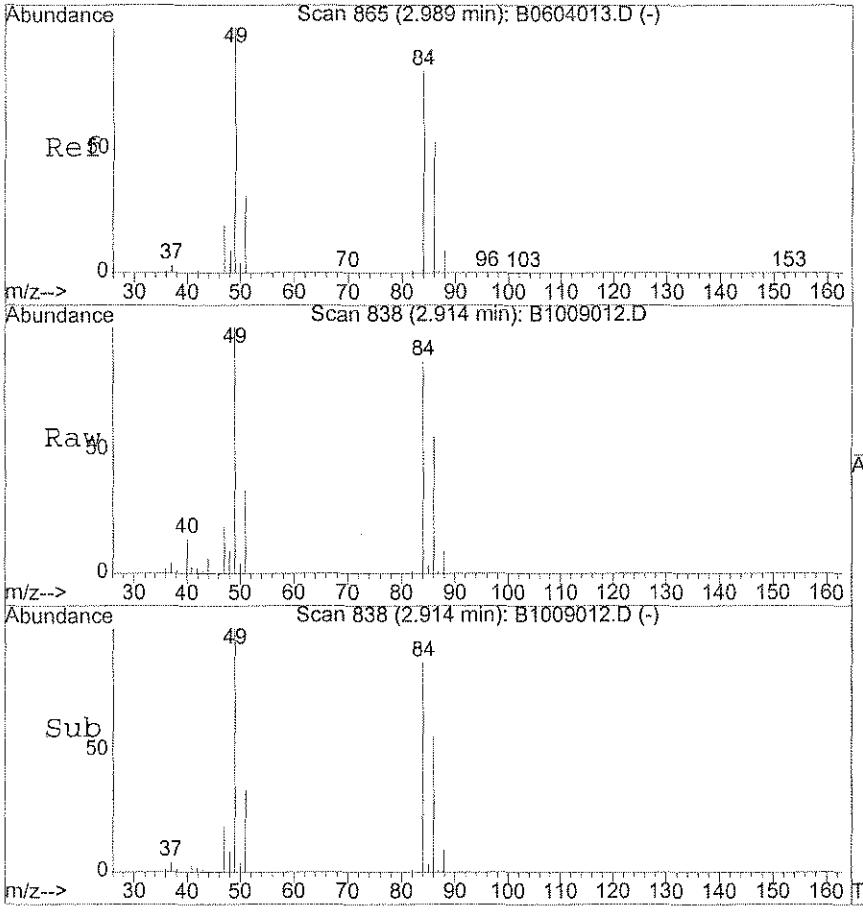


#11
Acetone
Concen: 2.64 ug/l
RT: 2.49 min Scan# 684
Delta R.T. 0.01 min
Lab File: B1009012.D
Acq: 9 Oct 2007 9:40

Tgt Ion: 43 Resp: 2369

Ion	Ratio	Lower	Upper
43	100		
58	29.5	22.0	33.0

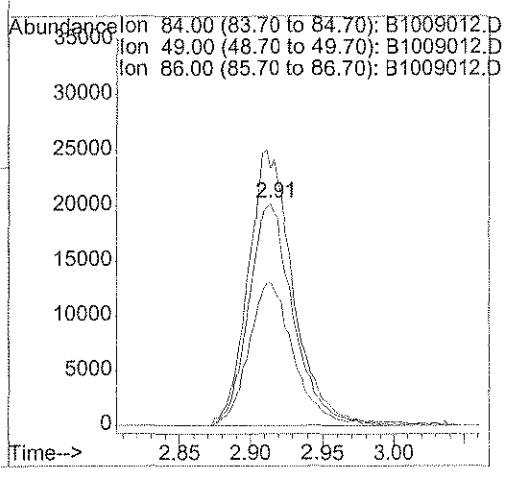




#18
Methylene Chloride
Concen: 3.92 ug/l
RT: 2.91 min Scan# 838
Delta R.T. 0.00 min
Lab File: B1009012.D
Acq: 9 Oct 2007 9:40

Tgt Ion: 84 Resp: 44465

Ion	Ratio	Lower	Upper
84	100		
49	125.0	113.6	153.6
86	65.0	45.8	85.8



VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

B101007MVOSB2

Lab Name: _____ Contract: _____

SDG No.: TT02001 Run Sequence: R022374

Matrix: (SOIL/SED/WATER) Soil Lab Sample ID: B101007MVOSB2

Sample wt/vol: 5.00 (g/mL) mL Lab File ID: B1010010.D

Level: (LOW/MED) _____ Date Collected: _____

% Moisture: not dec. 0.0 Date/Time Analyzed: 10/10/2007 09:43

GC Column: ZB-624 20m ID: 0.18 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____(uL) Soil Aliquot Volume: _____(uL)

Heated Purge: (Y/N) Y

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/kg	Q
1330-20-7	XYLENES, TOTAL	1.0	U
75-71-8	DICHLORODIFLUOROMETHANE	1.0	U
74-87-3	CHLOROMETHANE	1.0	U
75-01-4	VINYL CHLORIDE	1.0	U
74-83-9	BROMOMETHANE	1.0	U
75-00-3	CHLOROETHANE	1.0	U
75-69-4	TRICHLOROFLUOROMETHANE	1.0	U
75-35-4	1,1-DICHLOROETHENE	1.0	U
76-13-1	1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	1.0	U
67-64-1	ACETONE	4.9	JB
75-15-0	CARBON DISULFIDE	1.0	U
79-20-9	METHYL ACETATE	1.0	U
75-09-2	METHYLENE CHLORIDE	2.8	JB
1634-04-4	METHYL TERT-BUTYL ETHER	1.0	U
156-60-5	TRANS-1,2-DICHLOROETHENE	1.0	U
75-34-3	1,1-DICHLOROETHANE	1.0	U
156-59-2	CIS-1,2-DICHLOROETHENE	1.0	U
78-93-3	2-BUTANONE	1.0	U
67-66-3	CHLOROFORM	1.0	U
71-55-6	1,1,1-TRICHLOROETHANE	1.0	U
110-82-7	CYCLOHEXANE	1.0	U
56-23-5	CARBON TETRACHLORIDE	1.0	U
71-43-2	BENZENE	1.0	U
107-06-2	1,2-DICHLOROETHANE	1.0	U
79-01-6	TRICHLOROETHENE	1.0	U
108-87-2	METHYLCYCLOHEXANE	1.0	U
78-87-5	1,2-DICHLOROPROPANE	1.0	U
75-27-4	BROMODICHLOROMETHANE	1.0	U
10061-01-	CIS-1,3-DICHLOROPROPENE	1.0	U

1

VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

B101007MVOSB2

Lab Name: _____ Contract: _____

SDG No.: TT02001 Run Sequence: R022374

Matrix: (SOIL/SED/WATER) Soil Lab Sample ID: B101007MVOSB2

Sample wt/vol: 5.00 (g/mL) mL Lab File ID: B1010010.D

Level: (LOW/MED) _____ Date Collected: _____

% Moisture: not dec. 0.0 Date/Time Analyzed: 10/10/2007 09:43

GC Column: ZB-624 20m ID: 0.18 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____(uL) Soil Aliquot Volume: _____(uL)

Heated Purge: (Y/N) Y

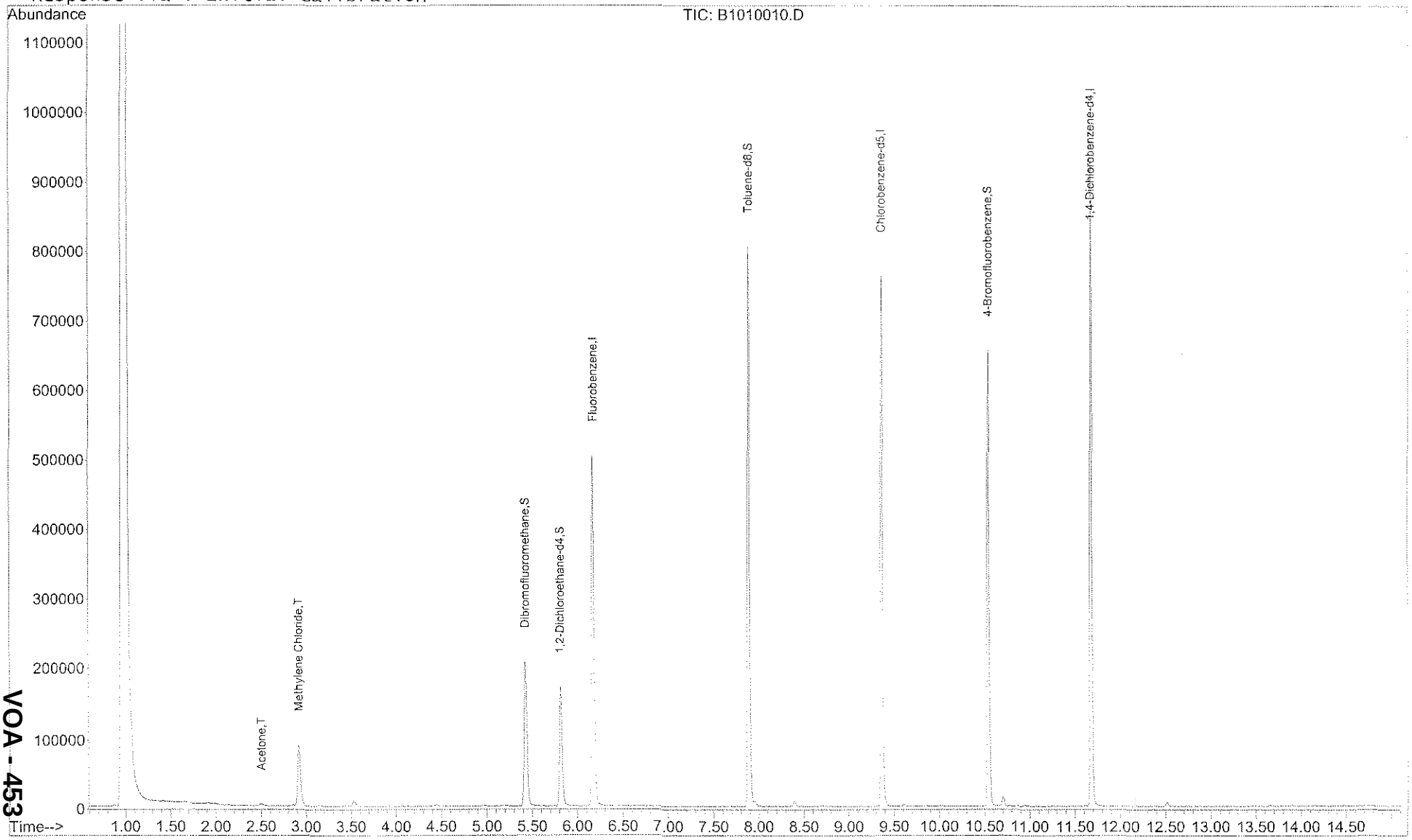
CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/kg	Q
108-10-1	4-METHYL-2-PENTANONE	1.0	U
108-88-3	TOLUENE	1.0	U
10061-02-	TRANS-1,3-DICHLOROPROPENE	1.0	U
79-00-5	1,1,2-TRICHLOROETHANE	1.0	U
127-18-4	TETRACHLOROETHENE	1.0	U
591-78-6	2-HEXANONE	1.0	U
124-48-1	DIBROMOCHLOROMETHANE	1.0	U
106-93-4	1,2-DIBROMOETHANE	1.0	U
108-90-7	CHLOROBENZENE	1.0	U
100-41-4	ETHYLBENZENE	1.0	U
179601-23	M,P-XYLENE	1.0	U
95-47-6	O-XYLENE	1.0	U
100-42-5	STYRENE	1.0	U
75-25-2	BROMOFORM	1.0	U
98-82-8	ISOPROPYLBENZENE	1.0	U
79-34-5	1,1,2,2-TETRACHLOROETHANE	1.0	U
541-73-1	1,3-DICHLOROBENZENE	1.0	U
106-46-7	1,4-DICHLOROBENZENE	1.0	U
95-50-1	1,2-DICHLOROBENZENE	1.0	U
96-12-8	1,2-DIBROMO-3-CHLOROPROPANE	1.0	U
120-82-1	1,2,4-TRICHLOROBENZENE	1.0	U

Comments:

Quantitation Report

Data File : X:\MSVOA\BUDDHA\101007\B1010010.D Vial: 6
Acq On : 10 Oct 2007 9:43 Operator: LPM
Sample : B101007MVOSB2 Inst : Buddha
Misc : 10ML PFW+IS/SS(MV-8-42-9) Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Oct 11 5:31 2007 Quant Results File: B8260S.RES

Method : X:\MSVOA\BUDDHA\QUANT\B8260S.M (RTE Integrator)
Title : VOA 8260- 5ML Soil Calibration 5973B
Last Update : Fri Sep 28 16:30:36 2007
Response via : Initial Calibration



VOA - 453

Quantitation Report

Data File : X:\MSVOA\BUDDHA\101007\B1010010.D Vial: 6
Acq On : 10 Oct 2007 9:43 Operator: LPM
Sample : B101007MVOSB2 Inst : Buddha
Misc : 10ML PFW+IS/SS(MV-8-42-9) Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Oct 11 5:31 2007 Quant Results File: B8260S.RES

Quant Method : X:\MSVOA\BUDDHA\QUANT\B8260S.M (RTE Integrator)
Title : VOA 8260- 5ML Soil Calibration 5973B
Last Update : Fri Sep 28 16:30:36 2007
Response via : Initial Calibration
DataAcq Meth : 8260
IS QA File : X:\MSVOA\BUDDHA\092807\B0928013.D (28 Sep 2007 12:55)

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min) Rcv(Ar)
1) Fluorobenzene	6.17	96	473178	50.00 ug/l	0.00 75.69%
54) Chlorobenzene-d5	9.36	117	423397	50.00 ug/l	0.00 83.96%
74) 1,4-Dichlorobenzene-d4	11.67	152	243144	50.00 ug/l	0.00 73.39%

System Monitoring Compounds					
37) Dibromofluoromethane	5.42	111	143477	53.74 ug/l	0.00
Spiked Amount 50.000	Range 65 - 135		Recovery = 107.48%		
40) 1,2-Dichloroethane-d4	5.81	65	124842	52.36 ug/l	0.00
Spiked Amount 50.000	Range 52 - 149		Recovery = 104.72%		
55) Toluene-d8	7.88	98	503967	52.46 ug/l	0.00
Spiked Amount 50.000	Range 85 - 115		Recovery = 104.92%		
76) 4-Bromofluorobenzene	10.54	95	191088	49.99 ug/l	0.00
Spiked Amount 50.000	Range 85 - 120		Recovery = 99.98%		

Target Compounds					Qvalue
2) Dichlorodifluoromethane	0.00	85	0	N.D.	
3) Chloromethane	1.22	50	32	N.D.	
4) Vinyl Chloride	0.00	62	0	N.D.	
5) Bromomethane	1.58	96	25	N.D.	
6) Chloroethane	0.00	64	0	N.D.	
7) Trichlorofluoromethane	0.00	101	0	N.D.	
8) Acrolein	2.30	56	26	Below Cal #	13
9) 1,1-Dichloroethene	0.00	96	0	N.D.	
10) 1,1,2-Trichloro-1,2,2-trif	0.00	101	0	N.D.	
11) Acetone	2.49	43	5257	4.90 ug/l #	63
12) Iodomethane	0.00	142	0	N.D.	
13) Bromoethane	0.00	108	0	N.D.	
14) Carbon Disulfide	2.53	76	131	N.D.	
15) Allyl chloride	0.00	76	0	N.D.	
16) Acetonitrile	2.83	41	354	N.D.	
17) Methyl Acetate	2.84	43	625	N.D.	
18) Methylene Chloride	2.91	84	49796	2.80 ug/l	94
19) trans-1,2-Dichloroethene	0.00	96	0	N.D.	
20) t-Butyl alcohol	0.00	59	0	N.D.	
21) Methyl tert-butyl ether	0.00	73	0	N.D.	
22) Acrylonitrile	0.00	53	0	N.D.	
23) 1,1-Dichloroethane	0.00	63	0	N.D.	
24) Chloroprene	0.00	53	0	N.D.	
25) Isopropyl ether	0.00	45	0	N.D.	
26) Vinyl acetate	0.00	43	0	N.D.	
27) Ethyl-t-butyl ether	0.00	59	0	N.D.	
28) 2,2-Dichloropropane	0.00	77	0	N.D.	
29) cis-1,2-Dichloroethene	4.67	96	30	N.D.	
30) 2-Butanone	4.90	43	121	N.D.	
31) Propionitrile	0.00	54	0	N.D.	
32) Bromochloromethane	0.00	128	0	N.D.	
33) Methacrylonitrile	5.14	41	46	N.D.	
34) Chloroform	5.21	83	666	N.D.	
35) 1,1,1-Trichloroethane	0.00	97	0	N.D.	
36) Cyclohexane	0.00	56	0	N.D.	

(#) = qualifier out of range (m) = manual integration
B1010010.D B8260S.M Thu Oct 11 05:25:24 2007

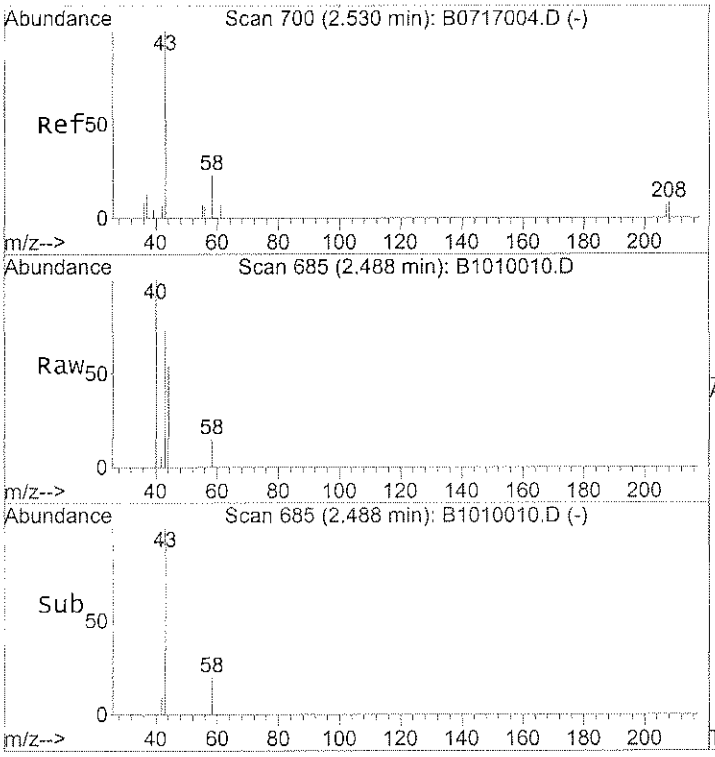
Quantitation Report

Data File : X:\MSVOA\BUDDHA\101007\B1010010.D Vial: 6
Acq On : 10 Oct 2007 9:43 Operator: LPM
Sample : B101007MVOSB2 Inst : Buddha
Misc : 10ML PFW+IS/SS(MV-8-42-9) Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Oct 11 5:31 2007 Quant Results File: B8260S.RES

Quant Method : X:\MSVOA\BUDDHA\QUANT\B8260S.M (RTE Integrator)
Title : VOA 8260- 5ML Soil Calibration 5973B
Last Update : Fri Sep 28 16:30:36 2007
Response via : Initial Calibration
DataAcq Meth : 8260

Compound	R.T.	QIon	Response	Conc Unit	Qvalue
38) Carbon Tetrachloride	0.00	117	0	N.D.	
39) 1,1-Dichloropropene	0.00	75	0	N.D.	
41) Benzene	5.80	78	353	N.D.	
42) 1,2-Dichloroethane	0.00	62	0	N.D.	
43) t-Amyl methyl ether	0.00	73	0	N.D.	
44) Isobutanol	6.10	43	42	N.D.	
45) Trichloroethene	0.00	130	0	N.D.	
46) Methylcyclohexane	0.00	83	0	N.D.	
47) 1,2-Dichloropropane	0.00	63	0	N.D.	
48) Dibromomethane	0.00	93	0	N.D.	
49) Methyl methacrylate	6.91	41	30	N.D.	
50) Bromodichloromethane	0.00	83	0	N.D.	
51) 2-Chloroethyl vinyl ether	0.00	63	0	N.D.	
52) cis-1,3-Dichloropropene	0.00	75	0	N.D.	
53) 4-Methyl-2-pentanone	7.88	43	2298	N.D.	
56) Toluene	7.95	92	1470	N.D.	
57) trans-1,3-Dichloropropene	0.00	75	0	N.D.	
58) Ethyl methacrylate	0.00	69	0	N.D.	
59) 1,1,2-Trichloroethane	8.38	97	44	N.D.	
60) Tetrachloroethene	8.50	166	40	N.D.	
61) 1,3-Dichloropropane	0.00	76	0	N.D.	
62) 2-Hexanone	8.70	43	308	N.D.	
63) Dibromochloromethane	0.00	129	0	N.D.	
64) 1,2-Dibromoethane	0.00	107	0	N.D.	
65) 1-Chlorohexane	9.36	91	905	N.D.	
66) Chlorobenzene	9.38	112	486	N.D.	
67) 1,1,1,2-Tetrachloroethane	0.00	131	0	N.D.	
68) Ethylbenzene	9.49	91	630	N.D.	
69) m,p-Xylene	9.59	106	805	N.D.	
70) o-xylene	9.99	106	214	N.D.	
71) Styrene	10.02	104	244	N.D.	
72) Bromoform	0.00	173	0	N.D.	
73) Isopropylbenzene	10.36	105	31	N.D.	
75) trans-1,4-Dichloro-2-buten	0.00	53	0	N.D.	
77) Bromobenzene	10.67	156	61	N.D.	
78) 1,1,2,2-Tetrachloroethane	0.00	83	0	N.D.	
79) 1,2,3-Trichloropropane	0.00	110	0	N.D.	
80) n-Propylbenzene	10.77	120	32	N.D.	
81) 2-Chlorotoluene	10.86	91	439	N.D.	
82) 4-Chlorotoluene	10.97	91	699	N.D.	
83) 1,3,5-Trimethylbenzene	10.95	105	276	N.D.	
84) tert-Butylbenzene	11.26	119	31	N.D.	
85) 1,2,4-Trimethylbenzene	11.32	105	799	N.D.	
86) sec-butylbenzene	11.47	105	327	N.D.	
87) 1,3-Dichlorobenzene	11.60	146	440	N.D.	
88) 4-Isopropyltoluene	11.63	119	149	N.D.	
89) 1,4-Dichlorobenzene	11.70	146	1082	N.D.	
90) 1,2-Dichlorobenzene	12.06	146	247	N.D.	
91) n-Butylbenzene	12.03	91	426	N.D.	
92) 1,2-Dibromo-3-chloropropan	0.00	75	0	N.D.	
93) 1,2,4-Trichlorobenzene	13.65	180	707	N.D.	
94) Hexachlorobutadiene	13.79	225	152	N.D.	
95) Naphthalene	13.89	128	1171	N.D.	
96) 1,2,3-Trichlorobenzene	14.14	180	667	N.D.	

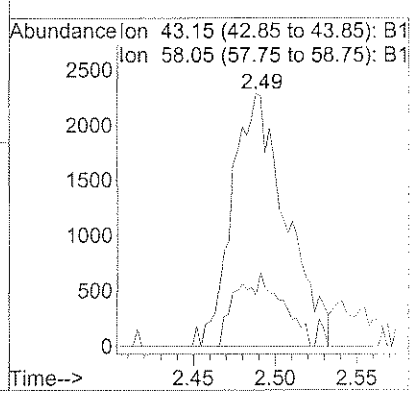
(#) = qualifier out of range (m) = manual integration
B1010010.D B8260S.M Thu Oct 11 05:25:24 2007

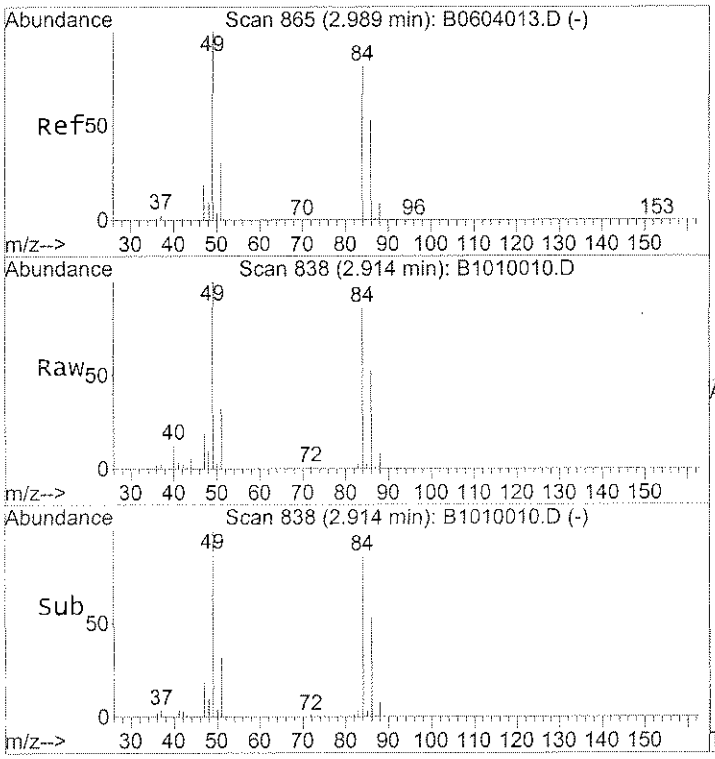


#11
Acetone
Concen: 4.90 ug/l
RT: 2.49 min Scan# 685
Delta R.T. 0.01 min
Lab File: B1010010.D
Acq: 10 Oct 2007 9:43

Tgt Ion: 43 Resp: 5257

Ion	Ratio	Lower	Upper
43	100		
58	8.4	22.0	33.0#

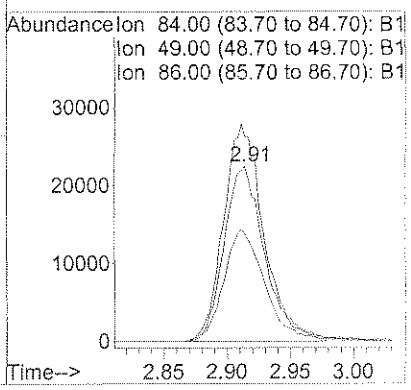




#18
Methylene Chloride
Concen: 2.80 ug/l
RT: 2.91 min Scan# 838
Delta R.T. 0.00 min
Lab File: B1010010.D
Acq: 10 Oct 2007 9:43

Tgt Ion: 84 Resp: 49796

Ion	Ratio	Lower	Upper
84	100		
49	123.9	113.6	153.6
86	64.5	45.8	85.8



VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

B101507MVOSB3

Lab Name: _____ Contract: _____

SDG No.: TT02001 Run Sequence: R022490

Matrix: (SOIL/SED/WATER) Soil Lab Sample ID: B101507MVOSB3

Sample wt/vol: 5.00 (g/mL) gm Lab File ID: B1015012.D

Level: (LOW/MED) _____ Date Collected: _____

% Moisture: not dec. 0.0 Date/Time Analyzed: 10/15/2007 11:06

GC Column: ZB-624 20m ID: 0.18 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____(uL) Soil Aliquot Volume: _____(uL)

Heated Purge: (Y/N) Y

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/kg	Q
1330-20-7	XYLENES, TOTAL	1.0	U
75-71-8	DICHLORODIFLUOROMETHANE	1.0	U
74-87-3	CHLOROMETHANE	1.0	U
75-01-4	VINYL CHLORIDE	1.0	U
74-83-9	BROMOMETHANE	1.0	U
75-00-3	CHLOROETHANE	1.0	U
75-69-4	TRICHLOROFLUOROMETHANE	1.0	U
75-35-4	1,1-DICHLOROETHENE	1.0	U
76-13-1	1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	1.0	U
67-64-1	ACETONE	1.9	JB
75-15-0	CARBON DISULFIDE	1.0	U
79-20-9	METHYL ACETATE	1.0	U
75-09-2	METHYLENE CHLORIDE	1.0	U
1634-04-4	METHYL TERT-BUTYL ETHER	1.0	U
156-60-5	TRANS-1,2-DICHLOROETHENE	1.0	U
75-34-3	1,1-DICHLOROETHANE	1.0	U
156-59-2	CIS-1,2-DICHLOROETHENE	1.0	U
78-93-3	2-BUTANONE	1.0	U
67-66-3	CHLOROFORM	1.0	U
71-55-6	1,1,1-TRICHLOROETHANE	1.0	U
110-82-7	CYCLOHEXANE	1.0	U
56-23-5	CARBON TETRACHLORIDE	1.0	U
71-43-2	BENZENE	1.0	U
107-06-2	1,2-DICHLOROETHANE	1.0	U
79-01-6	TRICHLOROETHENE	1.0	U
108-87-2	METHYLCYCLOHEXANE	1.0	U
78-87-5	1,2-DICHLOROPROPANE	1.0	U
75-27-4	BROMODICHLOROMETHANE	1.0	U
10061-01-	CIS-1,3-DICHLOROPROPENE	1.0	U

VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

B101507MVOSB3

Lab Name: _____ Contract: _____

SDG No.: TT02001 Run Sequence: R022490

Matrix: (SOIL/SED/WATER) Soil Lab Sample ID: B101507MVOSB3

Sample wt/vol: 5.00 (g/mL) gm Lab File ID: B1015012.D

Level: (LOW/MED) _____ Date Collected: _____

% Moisture: not dec. 0.0 Date/Time Analyzed: 10/15/2007 11:06

GC Column: ZB-624 20m ID: 0.18 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____(uL) Soil Aliquot Volume: _____(uL)

Heated Purge: (Y/N) Y

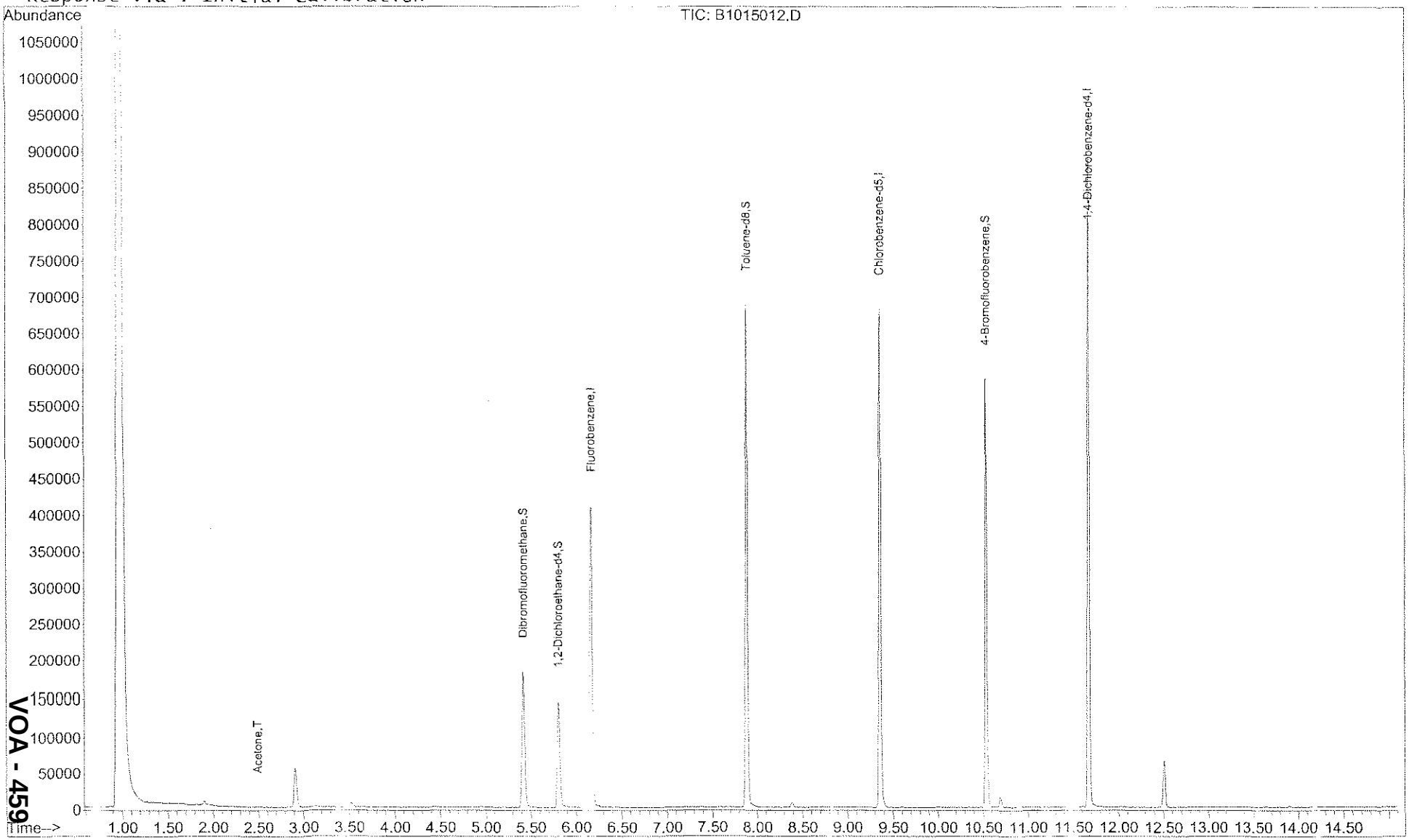
CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/kg	Q
108-10-1	4-METHYL-2-PENTANONE	1.0	U
108-88-3	TOLUENE	1.0	U
10061-02-	TRANS-1,3-DICHLOROPROPENE	1.0	U
79-00-5	1,1,2-TRICHLOROETHANE	1.0	U
127-18-4	TETRACHLOROETHENE	1.0	U
591-78-6	2-HEXANONE	1.0	U
124-48-1	DIBROMOCHLOROMETHANE	1.0	U
106-93-4	1,2-DIBROMOETHANE	1.0	U
108-90-7	CHLOROBENZENE	1.0	U
100-41-4	ETHYLBENZENE	1.0	U
179601-23	M,P-XYLENE	1.0	U
95-47-6	O-XYLENE	1.0	U
100-42-5	STYRENE	1.0	U
75-25-2	BROMOFORM	1.0	U
98-82-8	ISOPROPYLBENZENE	1.0	U
79-34-5	1,1,2,2-TETRACHLOROETHANE	1.0	U
541-73-1	1,3-DICHLOROBENZENE	1.0	U
106-46-7	1,4-DICHLOROBENZENE	1.0	U
95-50-1	1,2-DICHLOROBENZENE	1.0	U
96-12-8	1,2-DIBROMO-3-CHLOROPROPANE	1.0	U
120-82-1	1,2,4-TRICHLOROBENZENE	1.0	U

Comments:

Quantitation Report

Data File : X:\MSVOA\BUDDHA\101507\B1015012.D Vial: 7
Acq On : 15 Oct 2007 11:06 Operator: LPM
Sample : B101507MVOSB3 Inst : Buddha
Misc : 10ML PFW+IS/SS(MV-8-42-9) Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Oct 16 6:04 2007 Quant Results File: B8260S.RES

Method : X:\MSVOA\BUDDHA\QUANT\B8260S.M (RTE Integrator)
Title : VOA 8260- 5ML Soil Calibration 5973B
Last Update : Fri Sep 28 16:30:36 2007
Response via : Initial Calibration



VOA - 459

Quantitation Report

Data File : X:\MSVOA\BUDDHA\101507\B1015012.D Vial: 7
Acq On : 15 Oct 2007 11:06 Operator: LPM
Sample : B101507MVOSB3 Inst : Buddha
Misc : 10ML PFW+IS/SS(MV-8-42-9) Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Oct 16 6:04 2007 Quant Results File: B8260S.RES

Quant Method : X:\MSVOA\BUDDHA\QUANT\B8260S.M (RTE Integrator)
Title : VOA 8260- 5ML Soil Calibration 5973B
Last Update : Fri Sep 28 16:30:36 2007
Response via : Initial Calibration
DataAcq Meth : 8260
IS QA File : X:\MSVOA\BUDDHA\092807\B0928013.D (28 Sep 2007 12:55)

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min) Rcv(Ar)
1) Fluorobenzene	6.17	96	394997	50.00 ug/l	0.00 63.19%
54) Chlorobenzene-d5	9.36	117	380556	50.00 ug/l	0.00 75.47%
74) 1,4-Dichlorobenzene-d4	11.67	152	229268	50.00 ug/l	0.00 69.20%

System Monitoring Compounds					
37) Dibromofluoromethane	5.42	111	124522	55.87 ug/l	0.00
Spiked Amount 50.000	Range 65 - 135		Recovery = 111.74%		
40) 1,2-Dichloroethane-d4	5.81	65	104179	52.35 ug/l	0.00
Spiked Amount 50.000	Range 52 - 149		Recovery = 104.70%		
55) Toluene-d8	7.88	98	433224	50.17 ug/l	0.00
Spiked Amount 50.000	Range 85 - 115		Recovery = 100.34%		
76) 4-Bromofluorobenzene	10.54	95	169682	47.08 ug/l	0.00
Spiked Amount 50.000	Range 85 - 120		Recovery = 94.16%		

Target Compounds					Qvalue
2) Dichlorodifluoromethane	1.09	85	64	N.D.	
3) Chloromethane	1.22	50	32	N.D.	
4) Vinyl Chloride	0.00	62	0	N.D.	
5) Bromomethane	1.60	96	29	N.D.	
6) Chloroethane	0.00	64	0	N.D.	
7) Trichlorofluoromethane	1.86	101	28	N.D.	
8) Acrolein	2.29	56	81	Below Cal #	53
9) 1,1-Dichloroethene	0.00	96	0	N.D.	
10) 1,1,2-Trichloro-1,2,2-trif	0.00	101	0	N.D.	
11) Acetone	2.49	43	1695m	1.89 ug/l #	83
12) Iodomethane	0.00	142	0	N.D.	
13) Bromoethane	0.00	108	0	N.D.	
14) Carbon Disulfide	2.53	76	169	N.D.	
15) Allyl chloride	0.00	76	0	N.D.	
16) Acetonitrile	2.82	41	133	N.D.	
17) Methyl Acetate	2.82	43	201	N.D.	
18) Methylene Chloride	2.91	84	29918	Below Cal	93
19) trans-1,2-Dichloroethene	0.00	96	0	N.D.	
20) t-Butyl alcohol	0.00	59	0	N.D.	
21) Methyl tert-butyl ether	0.00	73	0	N.D.	
22) Acrylonitrile	0.00	53	0	N.D.	
23) 1,1-Dichloroethane	0.00	63	0	N.D.	
24) Chloroprene	0.00	53	0	N.D.	
25) Isopropyl ether	0.00	45	0	N.D.	
26) Vinyl acetate	0.00	43	0	N.D.	
27) Ethyl-t-butyl ether	0.00	59	0	N.D.	
28) 2,2-Dichloropropane	0.00	77	0	N.D.	
29) cis-1,2-Dichloroethene	0.00	96	0	N.D.	
30) 2-Butanone	4.91	43	32	N.D.	
31) Propionitrile	0.00	54	0	N.D.	
32) Bromochloromethane	0.00	128	0	N.D.	
33) Methacrylonitrile	5.13	41	30	N.D.	
34) Chloroform	5.21	83	580	N.D.	
35) 1,1,1-Trichloroethane	0.00	97	0	N.D.	
36) Cyclohexane	0.00	56	0	N.D.	

(#) = qualifier out of range (m) = manual integration
B1015012.D B8260S.M Tue Oct 16 06:05:11 2007

Quantitation Report

Data File : X:\MSVOA\BUDDHA\101507\B1015012.D Vial: 7
Acq On : 15 Oct 2007 11:06 Operator: LPM
Sample : B101507MVOSB3 Inst : Buddha
Misc : 10ML PFW+IS/SS(MV-8-42-9) Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Oct 16 6:04 2007 Quant Results File: B8260S.RES

Quant Method : X:\MSVOA\BUDDHA\QUANT\B8260S.M (RTE Integrator)
Title : VOA 8260- 5ML Soil Calibration 5973B
Last Update : Fri Sep 28 16:30:36 2007
Response via : Initial Calibration
DataAcq Meth : 8260

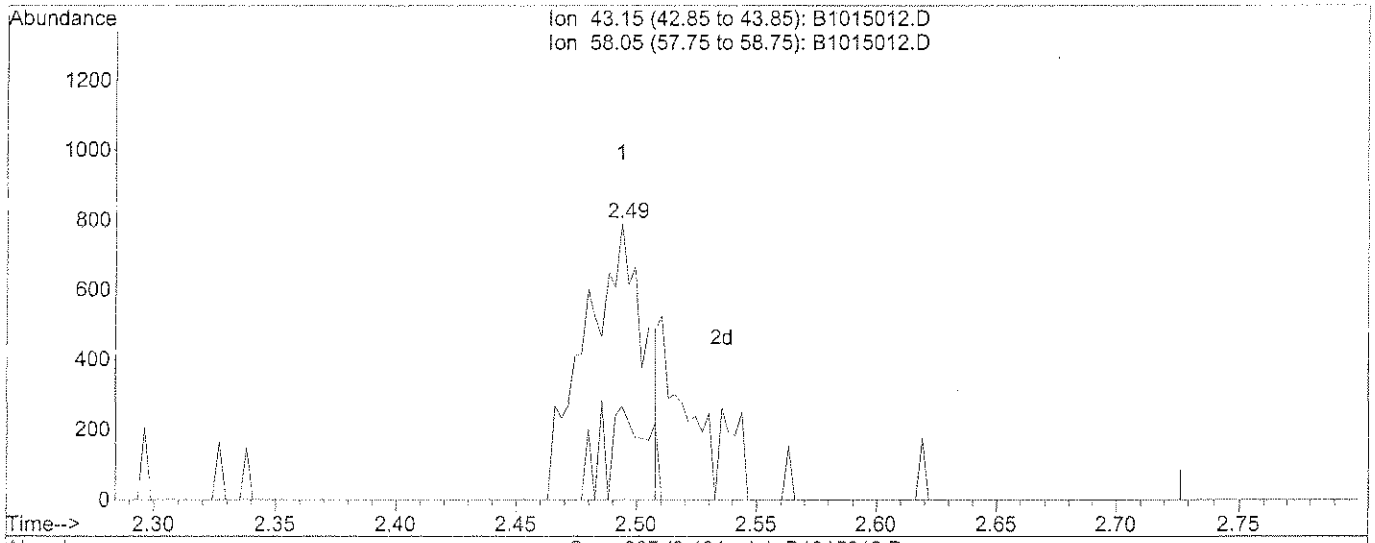
Compound	R.T.	QIon	Response	Conc Unit	Qvalue
38) Carbon Tetrachloride	0.00	117	0	N.D.	
39) 1,1-Dichloropropene	0.00	75	0	N.D.	
41) Benzene	5.80	78	417	N.D.	
42) 1,2-Dichloroethane	0.00	62	0	N.D.	
43) t-Amyl methyl ether	0.00	73	0	N.D.	
44) Isobutanol	0.00	43	0	N.D.	
45) Trichloroethene	0.00	130	0	N.D.	
46) Methylcyclohexane	0.00	83	0	N.D.	
47) 1,2-Dichloropropane	0.00	63	0	N.D.	
48) Dibromomethane	0.00	93	0	N.D.	
49) Methyl methacrylate	0.00	41	0	N.D.	
50) Bromodichloromethane	0.00	83	0	N.D.	
51) 2-Chloroethyl vinyl ether	0.00	63	0	N.D.	
52) cis-1,3-Dichloropropene	0.00	75	0	N.D.	
53) 4-Methyl-2-pentanone	7.88	43	1676	N.D.	
56) Toluene	7.95	92	453	N.D.	
57) trans-1,3-Dichloropropene	0.00	75	0	N.D.	
58) Ethyl methacrylate	0.00	69	0	N.D.	
59) 1,1,2-Trichloroethane	8.39	97	70	N.D.	
60) Tetrachloroethene	0.00	166	0	N.D.	
61) 1,3-Dichloropropane	0.00	76	0	N.D.	
62) 2-Hexanone	8.71	43	73	N.D.	
63) Dibromochloromethane	0.00	129	0	N.D.	
64) 1,2-Dibromoethane	0.00	107	0	N.D.	
65) 1-Chlorohexane	9.35	91	726	N.D.	
66) Chlorobenzene	9.38	112	181	N.D.	
67) 1,1,1,2-Tetrachloroethane	0.00	131	0	N.D.	
68) Ethylbenzene	9.48	91	335	N.D.	
69) m,p-Xylene	9.60	106	313	N.D.	
70) o-xylene	9.99	106	31	N.D.	
71) Styrene	10.03	104	127	N.D.	
72) Bromoform	0.00	173	0	N.D.	
73) Isopropylbenzene	10.35	105	197	N.D.	
75) trans-1,4-Dichloro-2-buten	0.00	53	0	N.D.	
77) Bromobenzene	10.67	156	69	N.D.	
78) 1,1,2,2-Tetrachloroethane	0.00	83	0	N.D.	
79) 1,2,3-Trichloropropane	10.70	110	37	N.D.	
80) n-Propylbenzene	10.94	120	58	N.D.	
81) 2-Chlorotoluene	10.87	91	172	N.D.	
82) 4-Chlorotoluene	10.97	91	429	N.D.	
83) 1,3,5-Trimethylbenzene	10.95	105	231	N.D.	
84) tert-Butylbenzene	11.31	119	42	N.D.	
85) 1,2,4-Trimethylbenzene	11.32	105	380	N.D.	
86) sec-butylbenzene	11.48	105	97	N.D.	
87) 1,3-Dichlorobenzene	11.60	146	548	N.D.	
88) 4-Isopropyltoluene	11.61	119	146	N.D.	
89) 1,4-Dichlorobenzene	11.69	146	939	N.D.	
90) 1,2-Dichlorobenzene	12.07	146	396	N.D.	
91) n-Butylbenzene	12.03	91	396	N.D.	
92) 1,2-Dibromo-3-chloropropan	0.00	75	0	N.D.	
93) 1,2,4-Trichlorobenzene	13.64	180	445	N.D.	
94) Hexachlorobutadiene	13.80	225	92	N.D.	
95) Naphthalene	13.90	128	1665	N.D.	
96) 1,2,3-Trichlorobenzene	14.13	180	431	N.D.	

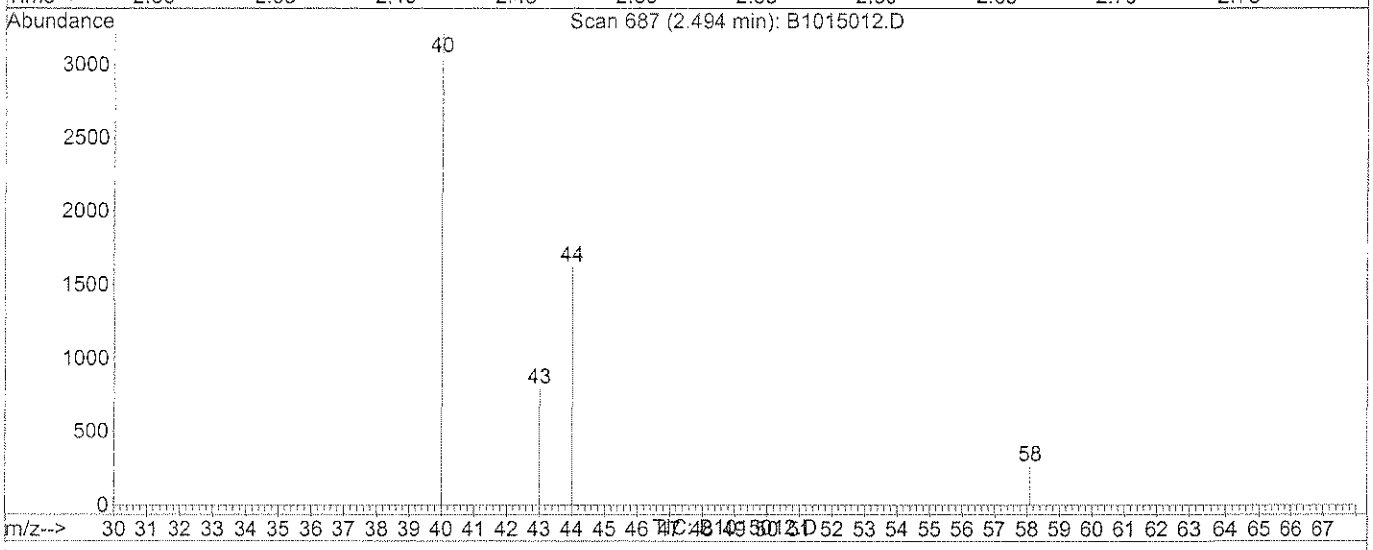
(#) = qualifier out of range (m) = manual integration
B1015012.D B8260S.M Tue Oct 16 06:05:11 2007

Quantitation Report (Qedit)

Data File : X:\MSVOA\BUDDHA\101507\B1015012.D Vial: 7
Acq On : 15 Oct 2007 11:06 Operator: LPM
Sample : B101507MVOSB3 Inst : Buddha
Misc : 10ML PFW+IS/SS(MV-8-42-9) Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Oct 16 6:11 2007 Quant Results File: temp.res

Method : X:\MSVOA\BUDDHA\QUANT\B8260S.M (RTE Integrator)
Title : VOA 8260- 5ML Soil Calibration 5973B
Last Update : Fri Sep 28 16:30:36 2007
Response via : Single Level Calibration





(11) Acetone (T)

2.49min 1.46ug/l

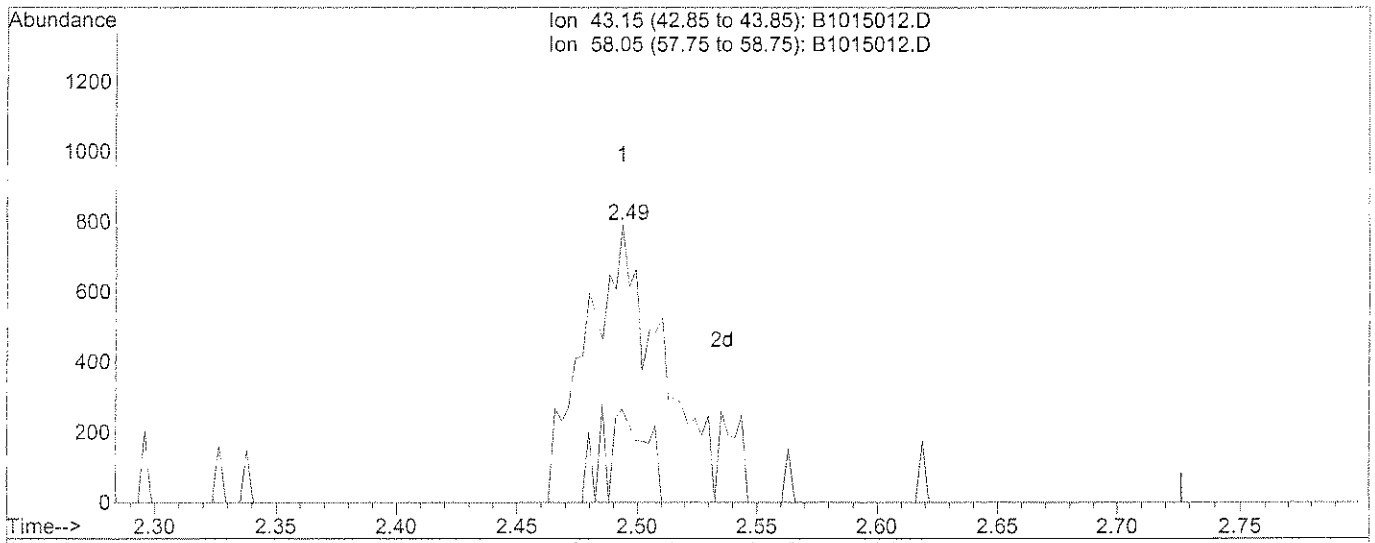
response 1312

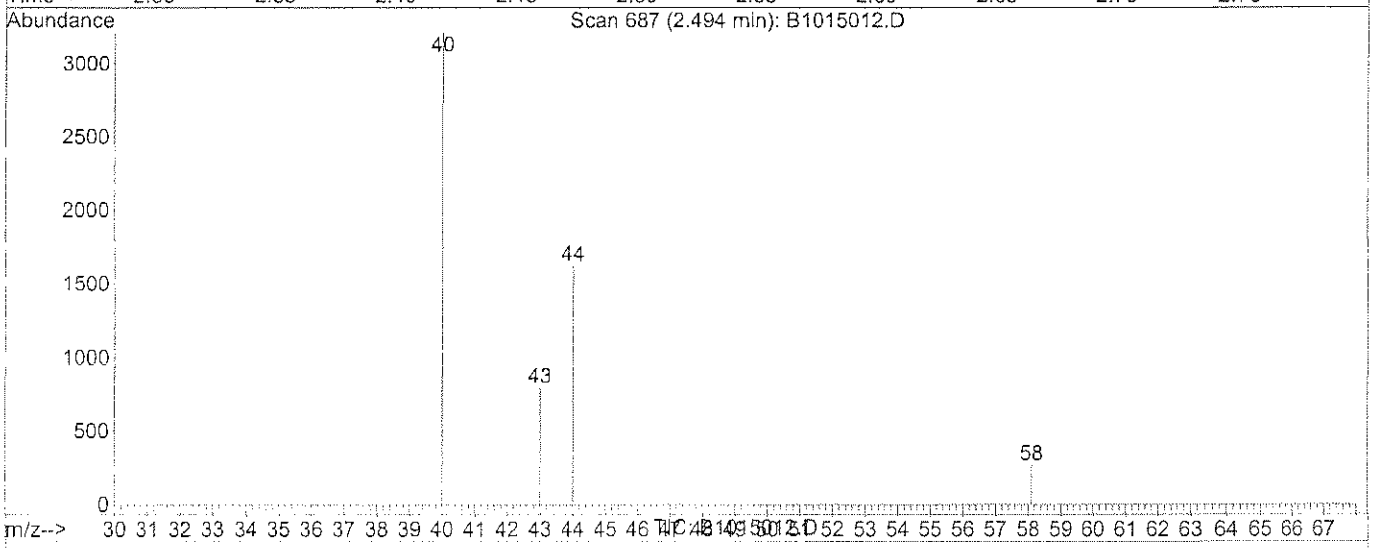
Ion	Exp%	Act%
43.15	100	100
58.05	27.50	18.67#
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data File : X:\MSVOA\BUDDHA\101507\B1015012.D Vial: 7
Acq On : 15 Oct 2007 11:06 Operator: LPM
Sample : B101507MVOSB3 Inst : Buddha
Misc : 10ML PFW+IS/SS(MV-8-42-9) Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Oct 16 6:04 2007 Quant Results File: temp.res

Method : X:\MSVOA\BUDDHA\QUANT\B8260S.M (RTE Integrator)
Title : VOA 8260- 5ML Soil Calibration 5973B
Last Update : Fri Sep 28 16:30:36 2007
Response via : Single Level Calibration





(11) Acetone (T)

2.49min 1.89ug/l m

response 1695

Ion	Exp%	Act%
43.15	100	100
58.05	27.50	14.45#
0.00	0.00	0.00
0.00	0.00	0.00

B1015012.D B8260S.M Tue Oct 16 06:04:44 2007

VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

S100907MVOSB1

Lab Name: _____ Contract: _____

SDG No.: TT02001 Run Sequence: R022318

Matrix: (SOIL/SED/WATER) Soil Lab Sample ID: S100907MVOSB1

Sample wt/vol: 5.00 (g/mL) gm Lab File ID: B1009009.D

Level: (LOW/MED) _____ Date Collected: _____

% Moisture: not dec. 0.0 Date/Time Analyzed: 10/09/2007 08:21

GC Column: ZB-624 20m ID: 0.18 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____(uL) Soil Aliquot Volume: _____(uL)

Heated Purge: (Y/N) Y

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/kg	Q
1330-20-7	XYLENES, TOTAL	150	
75-71-8	DICHLORODIFLUOROMETHANE	50	
74-87-3	CHLOROMETHANE	47	
75-01-4	VINYL CHLORIDE	51	
74-83-9	BROMOMETHANE	47	
75-00-3	CHLOROETHANE	51	
75-69-4	TRICHLOROFLUOROMETHANE	57	
75-35-4	1,1-DICHLOROETHENE	57	
76-13-1	1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	1.0	U
67-64-1	ACETONE	56	
75-15-0	CARBON DISULFIDE	66	
79-20-9	METHYL ACETATE	1.0	U
75-09-2	METHYLENE CHLORIDE	60	
1634-04-4	METHYL TERT-BUTYL ETHER	47	
156-60-5	TRANS-1,2-DICHLOROETHENE	57	
75-34-3	1,1-DICHLOROETHANE	55	
156-59-2	CIS-1,2-DICHLOROETHENE	50	
78-93-3	2-BUTANONE	55	
67-66-3	CHLOROFORM	53	
71-55-6	1,1,1-TRICHLOROETHANE	59	
110-82-7	CYCLOHEXANE	1.0	U
56-23-5	CARBON TETRACHLORIDE	63	
71-43-2	BENZENE	49	
107-06-2	1,2-DICHLOROETHANE	50	
79-01-6	TRICHLOROETHENE	52	
108-87-2	METHYLCYCLOHEXANE	1.0	U
78-87-5	1,2-DICHLOROPROPANE	50	
75-27-4	BROMODICHLOROMETHANE	52	
10061-01-	CIS-1,3-DICHLOROPROPENE	51	

1

VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

S100907MVOSB1

Lab Name: _____ Contract: _____

SDG No.: TT02001 Run Sequence: R022318

Matrix: (SOIL/SED/WATER) Soil Lab Sample ID: S100907MVOSB1

Sample wt/vol: 5.00 (g/mL) gm Lab File ID: B1009009.D

Level: (LOW/MED) _____ Date Collected: _____

% Moisture: not dec. 0.0 Date/Time Analyzed: 10/09/2007 08:21

GC Column: ZB-624 20m ID: 0.18 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____(uL) Soil Aliquot Volume: _____(uL)

Heated Purge: (Y/N) Y

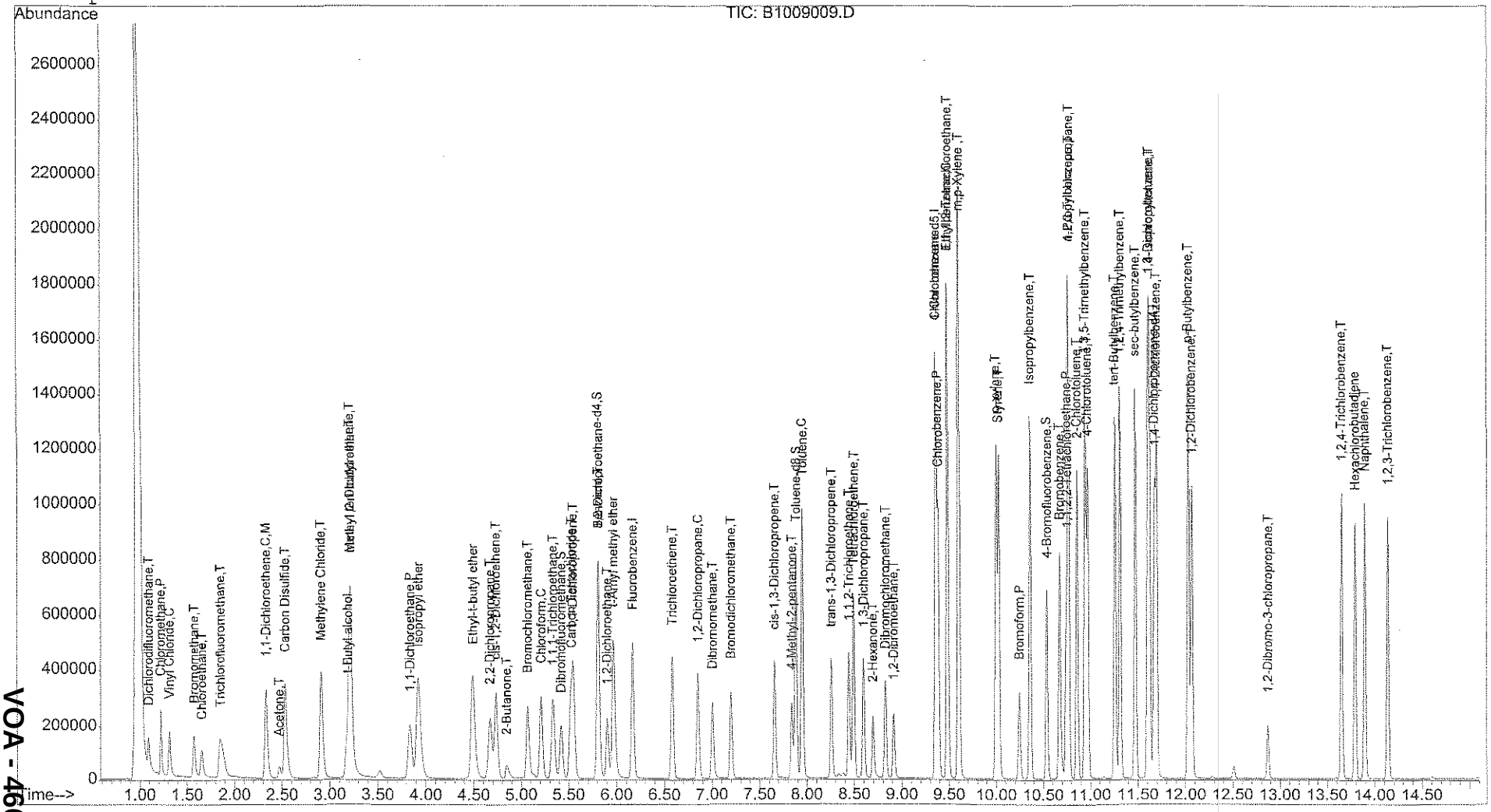
CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/kg	Q
108-10-1	4-METHYL-2-PENTANONE	57	
108-88-3	TOLUENE	49	
10061-02-	TRANS-1,3-DICHLOROPROPENE	46	
79-00-5	1,1,2-TRICHLOROETHANE	48	
127-18-4	TETRACHLOROETHENE	56	
591-78-6	2-HEXANONE	57	
124-48-1	DIBROMOCHLOROMETHANE	51	
106-93-4	1,2-DIBROMOETHANE	48	
108-90-7	CHLOROBENZENE	51	
100-41-4	ETHYLBENZENE	50	
179601-23	M,P-XYLENE	100	
95-47-6	O-XYLENE	47	
100-42-5	STYRENE	47	
75-25-2	BROMOFORM	50	
98-82-8	ISOPROPYLBENZENE	53	
79-34-5	1,1,2,2-TETRACHLOROETHANE	49	
541-73-1	1,3-DICHLOROBENZENE	50	
106-46-7	1,4-DICHLOROBENZENE	51	
95-50-1	1,2-DICHLOROBENZENE	49	
96-12-8	1,2-DIBROMO-3-CHLOROPROPANE	49	
120-82-1	1,2,4-TRICHLOROBENZENE	46	

Comments:

Quantitation Report

Data File : X:\MSVOA\BUDDHA\100907\B1009009.D Vial: 4
Acq On : 9 Oct 2007 8:21 Operator: LPM
Sample : S100907MVOSB1 Inst : Buddha
Misc : 5ML PFW+STD(MV8-43-4)+IS/SS Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Oct 10 7:45 2007 Quant Results File: B8260S.RES

Method : X:\MSVOA\BUDDHA\QUANT\B8260S.M (RTE Integrator)
Title : VOA 8260- 5ML Soil Calibration 5973B
Last Update : Fri Sep 28 16:30:36 2007
Response via : Initial Calibration



VOA - 466

Quantitation Report

Data File : X:\MSVOA\BUDDHA\100907\B1009009.D Vial: 4
Acq On : 9 Oct 2007 8:21 Operator: LPM
Sample : S100907MVOSB1 Inst : Buddha
Misc : 5ML PFW+STD(MV8-43-4)+IS/SS Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Oct 10 7:45 2007 Quant Results File: B8260S.RES

Quant Method : X:\MSVOA\BUDDHA\QUANT\B8260S.M (RTE Integrator)
Title : VOA 8260- 5ML Soil Calibration 5973B
Last Update : Fri Sep 28 16:30:36 2007
Response via : Initial Calibration
DataAcq Meth : 8260
IS QA File : X:\MSVOA\BUDDHA\092807\B0928013.D (28 Sep 2007 12:55)

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min) Rcv(Ar)
1) Fluorobenzene	6.17	96	468059	50.00 ug/l	0.00 74.88%
54) Chlorobenzene-d5	9.36	117	432287	50.00 ug/l	0.00 85.72%
74) 1,4-Dichlorobenzene-d4	11.67	152	261103	50.00 ug/l	0.00 78.81%

System Monitoring Compounds

37) Dibromofluoromethane	5.42	111	137475	52.05 ug/l	0.00
Spiked Amount 50.000	Range 65 - 135		Recovery = 104.10%		
40) 1,2-Dichloroethane-d4	5.81	65	119269	50.57 ug/l	0.00
Spiked Amount 50.000	Range 52 - 149		Recovery = 101.14%		
55) Toluene-d8	7.88	98	503175	51.30 ug/l	0.00
Spiked Amount 50.000	Range 85 - 115		Recovery = 102.60%		
76) 4-Bromofluorobenzene	10.53	95	197778	48.18 ug/l	0.00
Spiked Amount 50.000	Range 85 - 120		Recovery = 96.36%		

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.09	85	112000	50.44 ug/l	99
3) Chloromethane	1.22	50	177704	47.35 ug/l	100
4) Vinyl Chloride	1.31	62	163186	51.38 ug/l	97
5) Bromomethane	1.57	96	94485	46.90 ug/l	99
6) Chloroethane	1.65	64	94186	51.32 ug/l	97
7) Trichlorofluoromethane	1.85	101	203264	56.85 ug/l #	97
8) Acrolein	2.30	56	450	Below Cal #	33
9) 1,1-Dichloroethene	2.33	96	151234	56.55 ug/l	92
10) 1,1,2-Trichloro-1,2,2-trif	0.00	101	0	N.D.	
11) Acetone	2.47	43	59585	56.10 ug/l #	89
12) Iodomethane	2.50	142	38	N.D.	
13) Bromoethane	2.53	108	133	N.D.	
14) Carbon Disulfide	2.54	76	603326	66.45 ug/l	100
15) Allyl chloride	0.00	76	0	N.D.	
16) Acetonitrile	0.00	41	0	N.D.	
17) Methyl Acetate	0.00	43	0	N.D.	
18) Methylene Chloride	2.91	84	221333	59.99 ug/l	94
19) trans-1,2-Dichloroethene	3.21	96	176018	57.23 ug/l	91
20) t-Butyl alcohol	3.18	59	198907	486.91 ug/l #	33
21) Methyl tert-butyl ether	3.21	73	447686	47.30 ug/l	94
22) Acrylonitrile	3.30	53	339	N.D.	

(#) = qualifier out of range (m) = manual integration

Quantitation Report

Data File : X:\MSVOA\BUDDHA\100907\B1009009.D Vial: 4
Acq On : 9 Oct 2007 8:21 Operator: LPM
Sample : S100907MVOSB1 Inst : Buddha
Misc : 5ML PFW+STD(MV8-43-4)+IS/SS Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Oct 10 7:45 2007 Quant Results File: B8260S.RES

Quant Method : X:\MSVOA\BUDDHA\QUANT\B8260S.M (RTE Integrator)
Title : VOA 8260- 5ML Soil Calibration 5973B
Last Update : Fri Sep 28 16:30:36 2007
Response via : Initial Calibration
DataAcq Meth : 8260

	Compound	R.T.	QIon	Response	Conc Unit	Qvalue
23)	1,1-Dichloroethane	3.84	63	288316	54.53 ug/l	97
24)	Chloroprene	3.92	53	27	N.D.	
25)	Isopropyl ether	3.92	45	536477	49.72 ug/l	97
26)	Vinyl acetate	0.00	43	0	N.D. d	
27)	Ethyl-t-butyl ether	4.49	59	461964	46.20 ug/l	98
28)	2,2-Dichloropropane	4.67	77	195572	51.41 ug/l	98
29)	cis-1,2-Dichloroethene	4.73	96	173934	50.00 ug/l	92
30)	2-Butanone	4.85	43	84798	54.94 ug/l #	93
31)	Propionitrile	0.00	54	0	N.D. d	
32)	Bromochloromethane	5.07	128	93676	52.53 ug/l	91
33)	Methacrylonitrile	0.00	41	0	N.D. d	
34)	Chloroform	5.21	83	276721	52.97 ug/l	99
35)	1,1,1-Trichloroethane	5.33	97	240961	58.57 ug/l	95
36)	Cyclohexane	0.00	56	0	N.D.	
38)	Carbon Tetrachloride	5.52	117	225044	63.11 ug/l	94
39)	1,1-Dichloropropene	5.55	75	190143	53.60 ug/l	92
41)	Benzene	5.81	78	609292	49.36 ug/l	100
42)	1,2-Dichloroethane	5.90	62	182952	49.62 ug/l	97
43)	t-Amyl methyl ether	5.96	73	425749	44.35 ug/l #	90
44)	Isobutanol	0.00	43	0	N.D. d	
45)	Trichloroethene	6.58	130	163219	51.57 ug/l	95
46)	Methylcyclohexane	0.00	83	0	N.D.	
47)	1,2-Dichloropropane	6.85	63	143745	49.71 ug/l	97
48)	Dibromomethane	7.00	93	91431	51.66 ug/l	91
49)	Methyl methacrylate	7.04	41	3121	N.D.	
50)	Bromodichloromethane	7.20	83	199052	51.57 ug/l	99
51)	2-Chloroethyl vinyl ether	0.00	63	0	N.D.	
52)	cis-1,3-Dichloropropene	7.66	75	228076	51.01 ug/l	99
53)	4-Methyl-2-pentanone	7.84	43	185189	57.10 ug/l	97
56)	Toluene	7.95	92	393617	49.44 ug/l	98
57)	trans-1,3-Dichloropropene	8.26	75	216317	46.47 ug/l	100
58)	Ethyl methacrylate	0.00	69	0	N.D. d	
59)	1,1,2-Trichloroethane	8.44	97	140448	47.92 ug/l	100
60)	Tetrachloroethene	8.49	166	196779	56.04 ug/l	95
61)	1,3-Dichloropropane	8.60	76	232719	48.66 ug/l	94
62)	2-Hexanone	8.70	43	139519	56.98 ug/l	93
63)	Dibromochloromethane	8.83	129	180836	50.57 ug/l	98
64)	1,2-Dibromoethane	8.91	107	151478	48.19 ug/l	98
65)	1-Chlorohexane	9.36	91	207924	56.72 ug/l	93
66)	Chlorobenzene	9.39	112	483461	50.51 ug/l	95
67)	1,1,1,2-Tetrachloroethane	9.49	131	176883	46.69 ug/l	98

(#) = qualifier out of range (m) = manual integration

Quantitation Report

Data File : X:\MSVOA\BUDDHA\100907\B1009009.D Vial: 4
Acq On : 9 Oct 2007 8:21 Operator: LPM
Sample : S100907MVOSB1 Inst : Buddha
Misc : 5ML PFW+STD(MV8-43-4)+IS/SS Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Oct 10 7:45 2007 Quant Results File: B8260S.RES

Quant Method : X:\MSVOA\BUDDHA\QUANT\B8260S.M (RTE Integrator)
Title : VOA 8260- 5ML Soil Calibration 5973B
Last Update : Fri Sep 28 16:30:36 2007
Response via : Initial Calibration
DataAcq Meth : 8260

	Compound	R.T.	QIon	Response	Conc Unit	Qvalue
68)	Ethylbenzene	9.48	91	777182	50.30 ug/l	99
69)	m,p-Xylene	9.60	106	633496	101.60 ug/l	99
70)	o-xylene	10.00	106	310738	47.48 ug/l	96
71)	Styrene	10.02	104	541845	46.71 ug/l	99
72)	Bromoform	10.25	173	150496	49.56 ug/l	100
73)	Isopropylbenzene	10.36	105	789049	52.51 ug/l	99
75)	trans-1,4-Dichloro-2-buten	0.00	53	0	N.D. d	
77)	Bromobenzene	10.67	156	234312	47.39 ug/l	90
78)	1,1,2,2-Tetrachloroethane	10.74	83	232034	48.68 ug/l	96
79)	1,2,3-Trichloropropane	10.77	110	69214	50.34 ug/l	94
80)	n-Propylbenzene	10.77	120	237005	55.63 ug/l	93
81)	2-Chlorotoluene	10.86	91	577413	50.39 ug/l	99
82)	4-Chlorotoluene	10.97	91	672190	50.93 ug/l	94
83)	1,3,5-Trimethylbenzene	10.94	105	706925	51.03 ug/l	98
84)	tert-Butylbenzene	11.26	119	616565	53.40 ug/l	94
85)	1,2,4-Trimethylbenzene	11.31	105	725243	50.43 ug/l	99
86)	sec-butylbenzene	11.47	105	940692	56.54 ug/l	99
87)	1,3-Dichlorobenzene	11.60	146	470758	50.22 ug/l	97
88)	4-Isopropyltoluene	11.62	119	835081	53.55 ug/l	98
89)	1,4-Dichlorobenzene	11.70	146	477254	50.61 ug/l	99
90)	1,2-Dichlorobenzene	12.07	146	442552	48.99 ug/l	99
91)	n-Butylbenzene	12.03	91	744016	52.54 ug/l	99
92)	1,2-Dibromo-3-chloropropan	12.87	75	44882	48.91 ug/l	92
93)	1,2,4-Trichlorobenzene	13.65	180	321493	46.23 ug/l	98
94)	Hexachlorobutadiene	13.79	225	189548	50.45 ug/l	100
95)	Naphthalene	13.89	128	738841	47.13 ug/l	99
96)	1,2,3-Trichlorobenzene	14.14	180	299149	46.55 ug/l	99

(#) = qualifier out of range (m) = manual integration

VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

S101007MVOSB1

Lab Name: _____ Contract: _____

SDG No.: TT02001 Run Sequence: R022374

Matrix: (SOIL/SED/WATER) Soil Lab Sample ID: S101007MVOSB1

Sample wt/vol: 5.00 (g/mL) mL Lab File ID: B1010007.D

Level: (LOW/MED) _____ Date Collected: _____

% Moisture: not dec. 0.0 Date/Time Analyzed: 10/10/2007 08:21

GC Column: ZB-624 20m ID: 0.18 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____(uL) Soil Aliquot Volume: _____(uL)

Heated Purge: (Y/N) Y

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/kg	Q
1330-20-7	XYLENES, TOTAL	150	
75-71-8	DICHLORODIFLUOROMETHANE	43	
74-87-3	CHLOROMETHANE	46	
75-01-4	VINYL CHLORIDE	48	
74-83-9	BROMOMETHANE	46	
75-00-3	CHLOROETHANE	50	
75-69-4	TRICHLOROFLUOROMETHANE	54	
75-35-4	1,1-DICHLOROETHENE	53	
76-13-1	1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	1.0	U
67-64-1	ACETONE	51	
75-15-0	CARBON DISULFIDE	64	
79-20-9	METHYL ACETATE	1.0	U
75-09-2	METHYLENE CHLORIDE	64	
1634-04-4	METHYL TERT-BUTYL ETHER	49	
156-60-5	TRANS-1,2-DICHLOROETHENE	55	
75-34-3	1,1-DICHLOROETHANE	53	
156-59-2	CIS-1,2-DICHLOROETHENE	51	
78-93-3	2-BUTANONE	46	
67-66-3	CHLOROFORM	53	
71-55-6	1,1,1-TRICHLOROETHANE	55	
110-82-7	CYCLOHEXANE	1.0	U
56-23-5	CARBON TETRACHLORIDE	60	
71-43-2	BENZENE	49	
107-06-2	1,2-DICHLOROETHANE	50	
79-01-6	TRICHLOROETHENE	49	
108-87-2	METHYLCYCLOHEXANE	1.0	U
78-87-5	1,2-DICHLOROPROPANE	51	
75-27-4	BROMODICHLOROMETHANE	52	
10061-01-	CIS-1,3-DICHLOROPROPENE	52	

VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

S101007MVOSB1

Lab Name: _____ Contract: _____

SDG No.: TT02001 Run Sequence: R022374

Matrix: (SOIL/SED/WATER) Soil Lab Sample ID: S101007MVOSB1

Sample wt/vol: 5.00 (g/mL) mL Lab File ID: B1010007.D

Level: (LOW/MED) _____ Date Collected: _____

% Moisture: not dec. 0.0 Date/Time Analyzed: 10/10/2007 08:21

GC Column: ZB-624 20m ID: 0.18 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____(uL) Soil Aliquot Volume: _____(uL)

Heated Purge: (Y/N) Y

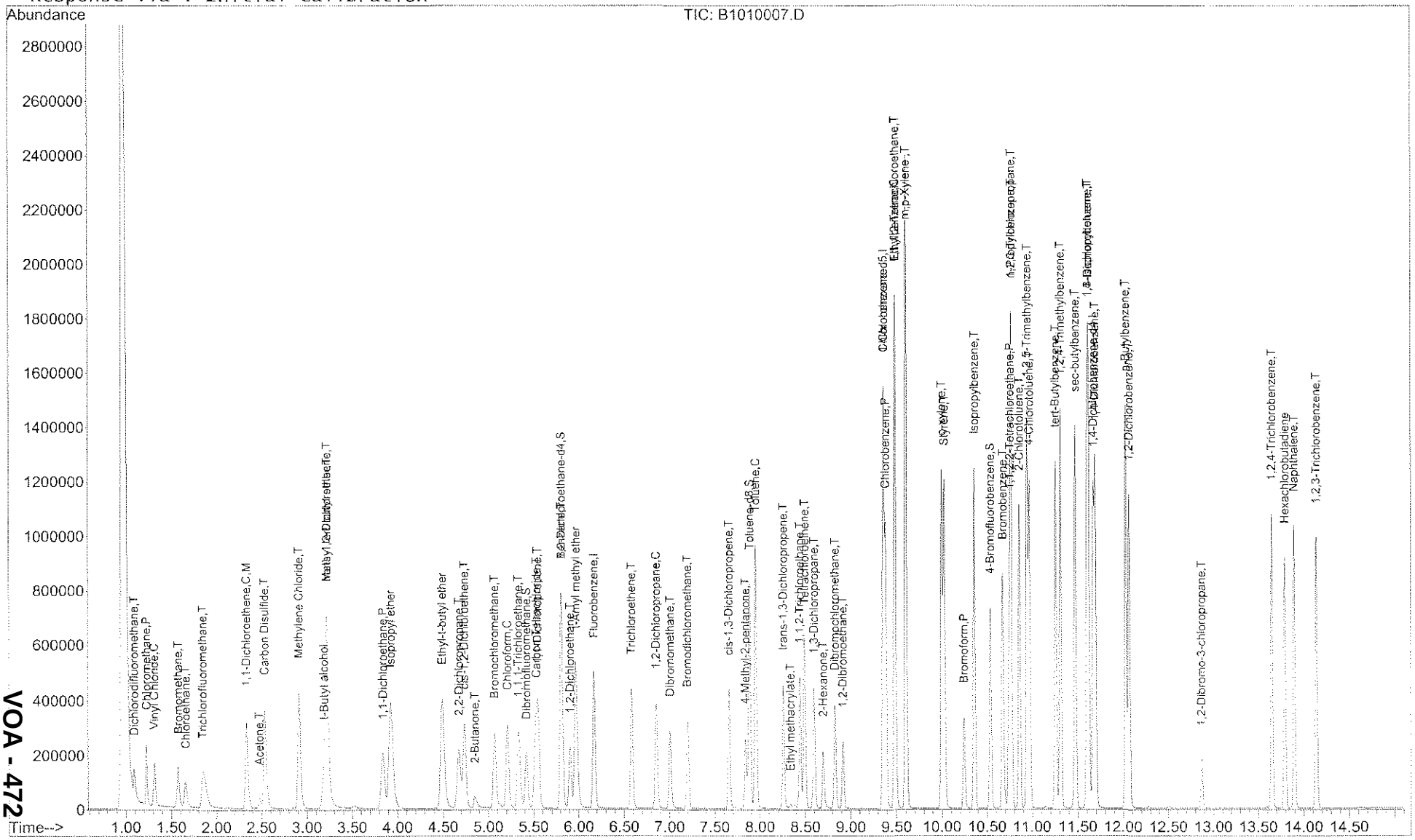
CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/kg	Q
108-10-1	4-METHYL-2-PENTANONE	53	
108-88-3	TOLUENE	48	
10061-02-	TRANS-1,3-DICHLOROPROPENE	47	
79-00-5	1,1,2-TRICHLOROETHANE	48	
127-18-4	TETRACHLOROETHENE	53	
591-78-6	2-HEXANONE	52	
124-48-1	DIBROMOCHLOROMETHANE	52	
106-93-4	1,2-DIBROMOETHANE	48	
108-90-7	CHLOROBENZENE	51	
100-41-4	ETHYLBENZENE	49	
179601-23	M,P-XYLENE	99	
95-47-6	O-XYLENE	47	
100-42-5	STYRENE	47	
75-25-2	BROMOFORM	50	
98-82-8	ISOPROPYLBENZENE	51	
79-34-5	1,1,2,2-TETRACHLOROETHANE	46	
541-73-1	1,3-DICHLOROBENZENE	49	
106-46-7	1,4-DICHLOROBENZENE	50	
95-50-1	1,2-DICHLOROBENZENE	49	
96-12-8	1,2-DIBROMO-3-CHLOROPROPANE	42	
120-82-1	1,2,4-TRICHLOROBENZENE	46	

Comments:

Quantitation Report

Data File : X:\MSVOA\BUDDHA\101007\B1010007.D Vial: 4
Acq On : 10 Oct 2007 8:21 Operator: LPM
Sample : S101007MVOSB1 Inst : Buddha
Misc : 5ML PFW+STD(MV8-43-4)+IS/SS Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Oct 11 5:26 2007 Quant Results File: B8260S.RES

Method : X:\MSVOA\BUDDHA\QUANT\B8260S.M (RTE Integrator)
Title : VOA 8260- 5ML Soil Calibration 5973B
Last Update : Fri Sep 28 16:30:36 2007
Response via : Initial Calibration



VOA - 472

Quantitation Report

Data File : X:\MSVOA\BUDDHA\101007\B1010007.D Vial: 4
Acq On : 10 Oct 2007 8:21 Operator: LPM
Sample : S101007MVOSB1 Inst : Buddha
Misc : 5ML PFW+STD(MV8-43-4)+IS/SS Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Oct 11 5:26 2007 Quant Results File: B8260S.RES

Quant Method : X:\MSVOA\BUDDHA\QUANT\B8260S.M (RTE Integrator)
Title : VOA 8260- 5ML Soil Calibration 5973B
Last Update : Fri Sep 28 16:30:36 2007
Response via : Initial Calibration
DataAcq Meth : 8260
IS QA File : X:\MSVOA\BUDDHA\092807\B0928013.D (28 Sep 2007 12:55)

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min) Rcv(Ar)
1) Fluorobenzene	6.17	96	475365	50.00 ug/l	0.00 76.04%
54) Chlorobenzene-d5	9.36	117	445871	50.00 ug/l	0.00 88.42%
74) 1,4-Dichlorobenzene-d4	11.67	152	282523	50.00 ug/l	0.00 85.27%

System Monitoring Compounds					
37) Dibromofluoromethane	5.42	111	143272	53.42 ug/l	0.00
Spiked Amount 50.000	Range 65 - 135		Recovery = 106.84%		
40) 1,2-Dichloroethane-d4	5.81	65	122950	51.33 ug/l	0.00
Spiked Amount 50.000	Range 52 - 149		Recovery = 102.66%		
55) Toluene-d8	7.88	98	517169	51.12 ug/l	0.00
Spiked Amount 50.000	Range 85 - 115		Recovery = 102.24%		
76) 4-Bromofluorobenzene	10.53	95	211116	47.53 ug/l	0.00
Spiked Amount 50.000	Range 85 - 120		Recovery = 95.06%		

Target Compounds					Qvalue
2) Dichlorodifluoromethane	1.09	85	97060	43.04 ug/l	96
3) Chloromethane	1.23	50	174488	45.78 ug/l	99
4) Vinyl Chloride	1.31	62	153837	47.69 ug/l	96
5) Bromomethane	1.57	96	93335	45.62 ug/l	99
6) Chloroethane	1.66	64	92607	49.68 ug/l	98
7) Trichlorofluoromethane	1.85	101	195815	53.92 ug/l #	98
8) Acrolein	2.29	56	260	Below Cal #	29
9) 1,1-Dichloroethene	2.33	96	144416	53.17 ug/l	91
10) 1,1,2-Trichloro-1,2,2-trif	0.00	101	0	N.D.	
11) Acetone	2.47	43	55443	51.40 ug/l	90
12) Iodomethane	0.00	142	0	N.D.	
13) Bromoethane	2.54	108	484	N.D.	
14) Carbon Disulfide	2.53	76	592743	64.28 ug/l	100
15) Allyl chloride	0.00	76	0	N.D.	
16) Acetonitrile	0.00	41	0	N.D.	
17) Methyl Acetate	0.00	43	0	N.D.	
18) Methylene Chloride	2.91	84	236780	63.91 ug/l	94
19) trans-1,2-Dichloroethene	3.21	96	173353	55.49 ug/l	91
20) t-Butyl alcohol	3.18	59	168081	405.13 ug/l #	13
21) Methyl tert-butyl ether	3.22	73	468920	48.78 ug/l	97
22) Acrylonitrile	3.30	53	227	N.D.	
23) 1,1-Dichloroethane	3.84	63	285807	53.23 ug/l	96
24) Chloroprene	3.92	53	25	N.D.	
25) Isopropyl ether	3.92	45	558603	50.97 ug/l	97
26) Vinyl acetate	0.00	43	0	N.D. d	
27) Ethyl-t-butyl ether	4.49	59	490063	48.26 ug/l	98
28) 2,2-Dichloropropane	4.68	77	191132	49.47 ug/l	99
29) cis-1,2-Dichloroethene	4.73	96	180726	51.15 ug/l	89
30) 2-Butanone	4.85	43	72552	46.28 ug/l	95
31) Propionitrile	0.00	54	0	N.D. d	
32) Bromochloromethane	5.07	128	96654	53.37 ug/l	92
33) Methacrylonitrile	0.00	41	0	N.D. d	
34) Chloroform	5.21	83	279366	52.66 ug/l	99
35) 1,1,1-Trichloroethane	5.33	97	231786	55.47 ug/l	94
36) Cyclohexane	0.00	56	0	N.D.	

(#) = qualifier out of range (m) = manual integration
B1010007.D B8260S.M Thu Oct 11 05:27:11 2007

Quantitation Report

Data File : X:\MSVOA\BUDDHA\101007\B1010007.D Vial: 4
Acq On : 10 Oct 2007 8:21 Operator: LPM
Sample : S101007MVOSB1 Inst : Buddha
Misc : 5ML PFW+STD(MV8-43-4)+IS/SS Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Oct 11 5:26 2007 Quant Results File: B8260S.RES

Quant Method : X:\MSVOA\BUDDHA\QUANT\B8260S.M (RTE Integrator)
Title : VOA 8260- 5ML Soil Calibration 5973B
Last Update : Fri Sep 28 16:30:36 2007
Response via : Initial Calibration
DataAcq Meth : 8260

Compound	R.T.	QIon	Response	Conc Unit	Qvalue
38) Carbon Tetrachloride	5.52	117	218031	60.20 ug/l	94
39) 1,1-Dichloropropene	5.55	75	176565	49.00 ug/l	92
41) Benzene	5.81	78	610021	48.66 ug/l	100
42) 1,2-Dichloroethane	5.90	62	186800	49.88 ug/l	97
43) t-Amyl methyl ether	5.97	73	454846	46.65 ug/l #	90
44) Isobutanol	0.00	43	0	N.D. d	
45) Trichloroethene	6.58	130	158638	49.35 ug/l	95
46) Methylcyclohexane	0.00	83	0	N.D.	
47) 1,2-Dichloropropane	6.85	63	148399	50.53 ug/l	96
48) Dibromomethane	7.00	93	97141	54.04 ug/l	94
49) Methyl methacrylate	7.04	41	2897	N.D.	
50) Bromodichloromethane	7.20	83	204781	52.24 ug/l	98
51) 2-Chloroethyl vinyl ether	0.00	63	0	N.D.	
52) cis-1,3-Dichloropropene	7.66	75	236952	52.18 ug/l	99
53) 4-Methyl-2-pentanone	7.84	43	174755	53.06 ug/l	98
56) Toluene	7.95	92	393099	47.87 ug/l	99
57) trans-1,3-Dichloropropene	8.26	75	224094	46.67 ug/l	99
58) Ethyl methacrylate	8.33	69	6502	~~1.60 ug/l #~~	~~89~~ 14/62
59) 1,1,2-Trichloroethane	8.44	97	143787	47.56 ug/l	98
60) Tetrachloroethene	8.49	166	190164	52.51 ug/l	96
61) 1,3-Dichloropropane	8.60	76	245049	49.68 ug/l	94
62) 2-Hexanone	8.70	43	130074	51.50 ug/l	93
63) Dibromochloromethane	8.82	129	191568	51.94 ug/l	98
64) 1,2-Dibromoethane	8.91	107	155326	47.91 ug/l	97
65) 1-Chlorohexane	9.36	91	204474	54.08 ug/l	93
66) Chlorobenzene	9.39	112	501814	50.83 ug/l	95
67) 1,1,1,2-Tetrachloroethane	9.49	131	188359	48.21 ug/l	99
68) Ethylbenzene	9.49	91	778186	48.83 ug/l	100
69) m,p-Xylene	9.60	106	638866	99.34 ug/l	98
70) o-xylene	10.00	106	317644	47.06 ug/l	96
71) Styrene	10.02	104	560651	46.86 ug/l	99
72) Bromoform	10.24	173	156600	50.00 ug/l	99
73) Isopropylbenzene	10.36	105	784275	50.60 ug/l	99
75) trans-1,4-Dichloro-2-buten	0.00	53	0	N.D. d	
77) Bromobenzene	10.67	156	248067	46.37 ug/l	89
78) 1,1,2,2-Tetrachloroethane	10.74	83	234663	45.50 ug/l	96
79) 1,2,3-Trichloropropane	10.76	110	67918	45.65 ug/l	94
80) n-Propylbenzene	10.77	120	233842	50.73 ug/l	93
81) 2-Chlorotoluene	10.86	91	587053	47.35 ug/l	99
82) 4-Chlorotoluene	10.97	91	683811	47.88 ug/l	95
83) 1,3,5-Trimethylbenzene	10.94	105	714862	47.69 ug/l	98
84) tert-Butylbenzene	11.26	119	608815	48.73 ug/l	94
85) 1,2,4-Trimethylbenzene	11.31	105	746084	47.95 ug/l	98
86) sec-butylbenzene	11.47	105	929671	51.64 ug/l	99
87) 1,3-Dichlorobenzene	11.60	146	492534	48.56 ug/l	98
88) 4-Isopropyltoluene	11.62	119	835432	49.51 ug/l	98
89) 1,4-Dichlorobenzene	11.70	146	506210	49.61 ug/l	98
90) 1,2-Dichlorobenzene	12.07	146	475571	48.65 ug/l	99
91) n-Butylbenzene	12.03	91	738055	48.17 ug/l	99
92) 1,2-Dibromo-3-chloropropan	12.87	75	42025	42.32 ug/l	93
93) 1,2,4-Trichlorobenzene	13.65	180	344734	45.81 ug/l	98
94) Hexachlorobutadiene	13.79	225	189173	46.53 ug/l	100
95) Naphthalene	13.89	128	757214	44.64 ug/l	99
96) 1,2,3-Trichlorobenzene	14.14	180	319910	46.00 ug/l	99

(#) = qualifier out of range (m) = manual integration
B1010007.D B8260S.M Thu Oct 11 05:27:12 2007

VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

S101507MVOSB1

Lab Name: _____ Contract: _____

SDG No.: TT02001 Run Sequence: R022490

Matrix: (SOIL/SED/WATER) Soil Lab Sample ID: S101507MVOSB1

Sample wt/vol: 5.00 (g/mL) gm Lab File ID: B1015008.D

Level: (LOW/MED) _____ Date Collected: _____

% Moisture: not dec. 0.0 Date/Time Analyzed: 10/15/2007 08:54

GC Column: ZB-624 20m ID: 0.18 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____(uL) Soil Aliquot Volume: _____(uL)

Heated Purge: (Y/N) Y

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/kg	Q
1330-20-7	XYLENES, TOTAL	130	
75-71-8	DICHLORODIFLUOROMETHANE	45	
74-87-3	CHLOROMETHANE	41	
75-01-4	VINYL CHLORIDE	42	
74-83-9	BROMOMETHANE	39	
75-00-3	CHLOROETHANE	42	
75-69-4	TRICHLOROFLUOROMETHANE	47	
75-35-4	1,1-DICHLOROETHENE	48	
76-13-1	1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	1.0	U
67-64-1	ACETONE	31	
75-15-0	CARBON DISULFIDE	50	
79-20-9	METHYL ACETATE	1.0	U
75-09-2	METHYLENE CHLORIDE	61	
1634-04-4	METHYL TERT-BUTYL ETHER	38	
156-60-5	TRANS-1,2-DICHLOROETHENE	48	
75-34-3	1,1-DICHLOROETHANE	46	
156-59-2	CIS-1,2-DICHLOROETHENE	45	
78-93-3	2-BUTANONE	37	
67-66-3	CHLOROFORM	46	
71-55-6	1,1,1-TRICHLOROETHANE	48	
110-82-7	CYCLOHEXANE	1.0	U
56-23-5	CARBON TETRACHLORIDE	53	
71-43-2	BENZENE	44	
107-06-2	1,2-DICHLOROETHANE	44	
79-01-6	TRICHLOROETHENE	45	
108-87-2	METHYLCYCLOHEXANE	1.0	U
78-87-5	1,2-DICHLOROPROPANE	45	
75-27-4	BROMODICHLOROMETHANE	47	
10061-01-	CIS-1,3-DICHLOROPROPENE	47	

VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

S101507MVOSB1

Lab Name: _____ Contract: _____

SDG No.: TT02001 Run Sequence: R022490

Matrix: (SOIL/SED/WATER) Soil Lab Sample ID: S101507MVOSB1

Sample wt/vol: 5.00 (g/mL) gm Lab File ID: B1015008.D

Level: (LOW/MED) _____ Date Collected: _____

% Moisture: not dec. 0.0 Date/Time Analyzed: 10/15/2007 08:54

GC Column: ZB-624 20m ID: 0.18 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____(uL) Soil Aliquot Volume: _____(uL)

Heated Purge: (Y/N) Y

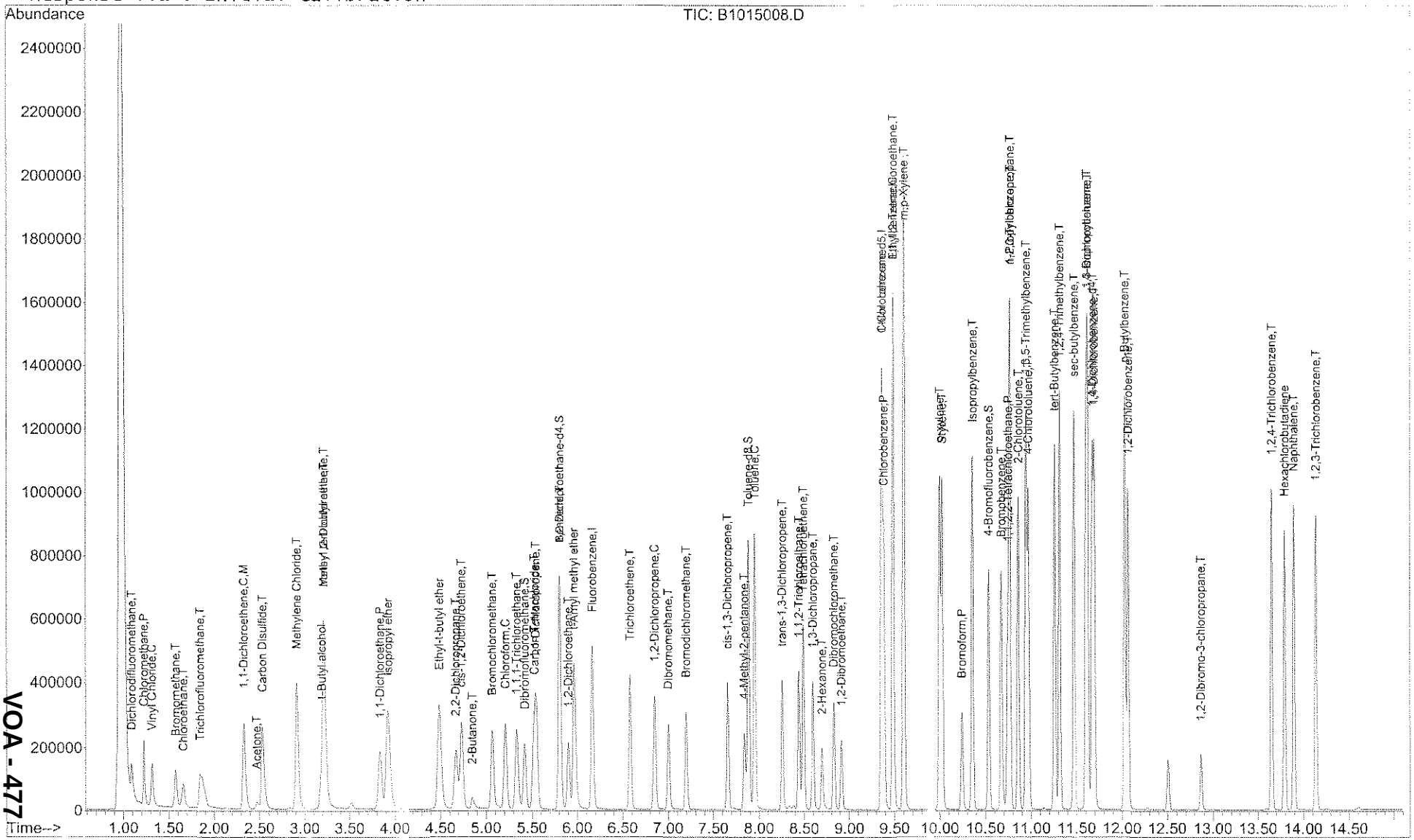
CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/kg	Q
108-10-1	4-METHYL-2-PENTANONE	49	
108-88-3	TOLUENE	42	
10061-02-	TRANS-1,3-DICHLOROPROPENE	41	
79-00-5	1,1,2-TRICHLOROETHANE	43	
127-18-4	TETRACHLOROETHENE	47	
591-78-6	2-HEXANONE	47	
124-48-1	DIBROMOCHLOROMETHANE	46	
106-93-4	1,2-DIBROMOETHANE	43	
108-90-7	CHLOROBENZENE	44	
100-41-4	ETHYLBENZENE	42	
179601-23	M,P-XYLENE	85	
95-47-6	O-XYLENE	40	
100-42-5	STYRENE	40	
75-25-2	BROMOFORM	45	
98-82-8	ISOPROPYLBENZENE	43	
79-34-5	1,1,2,2-TETRACHLOROETHANE	40	
541-73-1	1,3-DICHLOROBENZENE	42	
106-46-7	1,4-DICHLOROBENZENE	43	
95-50-1	1,2-DICHLOROBENZENE	42	
96-12-8	1,2-DIBROMO-3-CHLOROPROPANE	38	
120-82-1	1,2,4-TRICHLOROBENZENE	42	

Comments:

Quantitation Report

Data File : X:\MSVOA\BUDDHA\101507\B1015008.D Vial: 4
Acq On : 15 Oct 2007 8:54 Operator: LPM
Sample : S101507MVOSB1 Inst : Buddha
Misc : 5ML PFW+STD(MV8-43-4)+IS/SS Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Oct 16 6:06 2007 Quant Results File: B8260S.RES

Method : X:\MSVOA\BUDDHA\QUANT\B8260S.M (RTE Integrator)
Title : VOA 8260- 5ML Soil Calibration 5973B
Last Update : Fri Sep 28 16:30:36 2007
Response via : Initial Calibration



VOA - 477

Quantitation Report

Data File : X:\MSVOA\BUDDHA\101507\B1015008.D Vial: 4
Acq On : 15 Oct 2007 8:54 Operator: LPM
Sample : S101507MVOSB1 Inst : Buddha
Misc : 5ML PFW+STD(MV8-43-4)+IS/SS Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Oct 16 6:06 2007 Quant Results File: B8260S.RES

Quant Method : X:\MSVOA\BUDDHA\QUANT\B8260S.M (RTE Integrator)
Title : VOA 8260- 5ML Soil Calibration 5973B
Last Update : Fri Sep 28 16:30:36 2007
Response via : Initial Calibration
DataAcq Meth : 8260
IS QA File : X:\MSVOA\BUDDHA\092807\B0928013.D (28 Sep 2007 12:55)

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min) Rcv(Ar)
1) Fluorobenzene	6.17	96	488155	50.00 ug/l	0.00 78.09%
54) Chlorobenzene-d5	9.36	117	464911	50.00 ug/l	0.00 92.19%
74) 1,4-Dichlorobenzene-d4	11.67	152	292703	50.00 ug/l	0.00 88.35%

System Monitoring Compounds

37) Dibromofluoromethane	5.42	111	144014	52.28 ug/l	0.00
Spiked Amount 50.000	Range 65 - 135		Recovery = 104.56%		
40) 1,2-Dichloroethane-d4	5.81	65	121689	49.47 ug/l	0.00
Spiked Amount 50.000	Range 52 - 149		Recovery = 98.94%		
55) Toluene-d8	7.88	98	539325	51.13 ug/l	0.00
Spiked Amount 50.000	Range 85 - 115		Recovery = 102.26%		
76) 4-Bromofluorobenzene	10.53	95	214486	46.61 ug/l	0.00
Spiked Amount 50.000	Range 85 - 120		Recovery = 93.22%		

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.09	85	105001	45.34 ug/l #	97
3) Chloromethane	1.22	50	159631	40.78 ug/l	100
4) Vinyl Chloride	1.31	62	140358	42.37 ug/l	96
5) Bromomethane	1.58	96	81445	38.76 ug/l	99
6) Chloroethane	1.66	64	81246	42.44 ug/l	98
7) Trichlorofluoromethane	1.85	101	175147	46.97 ug/l	98
8) Acrolein	2.29	56	141	Below Cal #	82
9) 1,1-Dichloroethene	2.33	96	133434	47.84 ug/l	90
10) 1,1,2-Trichloro-1,2,2-trif	0.00	101	0	N.D.	
11) Acetone	2.47	43	34282	30.95 ug/l #	88
12) Iodomethane	2.52	142	30	N.D.	
13) Bromoethane	2.54	108	265	N.D.	
14) Carbon Disulfide	2.53	76	470533	49.69 ug/l	100
15) Allyl chloride	0.00	76	0	N.D.	
16) Acetonitrile	0.00	41	0	N.D.	
17) Methyl Acetate	0.00	43	0	N.D.	
18) Methylene Chloride	2.91	84	233592	60.87 ug/l	91
19) trans-1,2-Dichloroethene	3.21	96	154928	48.30 ug/l	90
20) t-Butyl alcohol	3.18	59	150189	352.52 ug/l #	37
21) Methyl tert-butyl ether	3.22	73	370688	37.55 ug/l	99
22) Acrylonitrile	3.30	53	173	N.D.	
23) 1,1-Dichloroethane	3.83	63	255884	46.41 ug/l	97
24) Chloroprene	3.94	53	29	N.D.	
25) Isopropyl ether	3.92	45	446583	39.68 ug/l	96
26) Vinyl acetate	0.00	43	0	N.D. d	
27) Ethyl-t-butyl ether	4.49	59	400840	38.44 ug/l	99
28) 2,2-Dichloropropane	4.67	77	166499	41.96 ug/l	97
29) cis-1,2-Dichloroethene	4.73	96	162656	44.83 ug/l	88
30) 2-Butanone	4.85	43	59343	36.87 ug/l #	85
31) Propionitrile	0.00	54	0	N.D. d	
32) Bromochloromethane	5.07	128	90146	48.47 ug/l	88
33) Methacrylonitrile	0.00	41	0	N.D. d	
34) Chloroform	5.21	83	252131	46.28 ug/l	100
35) 1,1,1-Trichloroethane	5.33	97	207403	48.34 ug/l	95
36) Cyclohexane	5.34	56	30	N.D.	

(#) = qualifier out of range (m) = manual integration

Quantitation Report

Data File : X:\MSVOA\BUDDHA\101507\B1015008.D Vial: 4
Acq On : 15 Oct 2007 8:54 Operator: LPM
Sample : S101507MVOSB1 Inst : Buddha
Misc : 5ML PFW+STD(MV8-43-4)+IS/SS Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Oct 16 6:06 2007 Quant Results File: B8260S.RES

Quant Method : X:\MSVOA\BUDDHA\QUANT\B8260S.M (RTE Integrator)
Title : VOA 8260- 5ML Soil Calibration 5973B
Last Update : Fri Sep 28 16:30:36 2007
Response via : Initial Calibration
DataAcq Meth : 8260

Compound	R.T.	QIon	Response	Conc Unit	Qvalue
38) Carbon Tetrachloride	5.52	117	195776	52.64 ug/l	94
39) 1,1-Dichloropropene	5.55	75	164308	44.41 ug/l #	90
41) Benzene	5.80	78	562126	43.67 ug/l	100
42) 1,2-Dichloroethane	5.90	62	169504	44.08 ug/l	98
43) t-Amyl methyl ether	5.97	73	391721	39.13 ug/l #	91
44) Isobutanol	0.00	43	0	N.D. d	
45) Trichloroethene	6.58	130	149970	45.43 ug/l	95
46) Methylcyclohexane	0.00	83	0	N.D.	
47) 1,2-Dichloropropane	6.85	63	136349	45.21 ug/l	98
48) Dibromomethane	7.00	93	88132	47.74 ug/l	91
49) Methyl methacrylate	7.03	41	2427	N.D.	
50) Bromodichloromethane	7.20	83	188467	46.82 ug/l	99
51) 2-Chloroethyl vinyl ether	0.00	63	0	N.D.	
52) cis-1,3-Dichloropropene	7.66	75	217161	46.57 ug/l	99
53) 4-Methyl-2-pentanone	7.84	43	166209	49.14 ug/l	97
56) Toluene	7.95	92	360941	42.16 ug/l	98
57) trans-1,3-Dichloropropene	8.26	75	205342	41.02 ug/l	100
58) Ethyl methacrylate	0.00	69	0	N.D. d	
59) 1,1,2-Trichloroethane	8.44	97	136493	43.30 ug/l	99
60) Tetrachloroethene	8.49	166	176831	46.83 ug/l	96
61) 1,3-Dichloropropane	8.60	76	222694	43.30 ug/l	92
62) 2-Hexanone	8.70	43	123822	47.02 ug/l	93
63) Dibromochloromethane	8.82	129	178099	46.31 ug/l	98
64) 1,2-Dibromoethane	8.91	107	144578	42.77 ug/l	98
65) 1-Chlorohexane	9.36	91	170393	43.22 ug/l	94
66) Chlorobenzene	9.39	112	450870	43.80 ug/l	96
67) 1,1,1,2-Tetrachloroethane	9.49	131	168469	41.35 ug/l	98
68) Ethylbenzene	9.49	91	691008	41.58 ug/l	98
69) m,p-Xylene	9.60	106	569658	84.95 ug/l	97
70) o-xylene	10.00	106	282519	40.14 ug/l	95
71) Styrene	10.02	104	498170	39.93 ug/l	98
72) Bromoform	10.25	173	147522	45.17 ug/l	99
73) Isopropylbenzene	10.36	105	693398	42.91 ug/l	99
75) trans-1,4-Dichloro-2-buten	0.00	53	0	N.D. d	
77) Bromobenzene	10.67	156	223485	40.32 ug/l	88
78) 1,1,2,2-Tetrachloroethane	10.74	83	213217	39.90 ug/l	96
79) 1,2,3-Trichloropropane	10.77	110	62909	40.81 ug/l	97
80) n-Propylbenzene	10.77	120	209229	43.81 ug/l	95
81) 2-Chlorotoluene	10.86	91	518715	40.38 ug/l	98
82) 4-Chlorotoluene	10.97	91	603401	40.78 ug/l	96
83) 1,3,5-Trimethylbenzene	10.94	105	633117	40.77 ug/l	97
84) tert-Butylbenzene	11.26	119	546314	42.21 ug/l	95
85) 1,2,4-Trimethylbenzene	11.31	105	659090	40.88 ug/l	98
86) sec-butylbenzene	11.47	105	823087	44.13 ug/l	100
87) 1,3-Dichlorobenzene	11.60	146	440948	41.96 ug/l	97
88) 4-Isopropyltoluene	11.62	119	740858	42.38 ug/l	97
89) 1,4-Dichlorobenzene	11.70	146	453392	42.89 ug/l	98
90) 1,2-Dichlorobenzene	12.07	146	430168	42.47 ug/l	99
91) n-Butylbenzene	12.03	91	647179	40.77 ug/l	99
92) 1,2-Dibromo-3-chloropropan	12.87	75	39042	37.95 ug/l	98
93) 1,2,4-Trichlorobenzene	13.65	180	325530	41.76 ug/l	98
94) Hexachlorobutadiene	13.79	225	182793	43.40 ug/l	99
95) Naphthalene	13.89	128	718552	40.88 ug/l	99
96) 1,2,3-Trichlorobenzene	14.14	180	305518	42.41 ug/l	99

(#) = qualifier out of range (m) = manual integration

VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

08SSW011MS

Lab Name: _____ Contract: _____

SDG No.: TT02001 Run Sequence: R022318

Matrix: (SOIL/SED/WATER) Soil Lab Sample ID: TT02001-011MS

Sample wt/vol: 4.17 (g/mL) gm Lab File ID: B1009033.D

Level: (LOW/MED) _____ Date Collected: 10/03/2007

% Moisture: not dec. 15.0 Date/Time Analyzed: 10/09/2007 18:53

GC Column: ZB-624 20m ID: 0.18 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____(uL) Soil Aliquot Volume: _____(uL)

Heated Purge: (Y/N) Y

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/kg	Q
1330-20-7	XYLENES, TOTAL	160	
75-71-8	DICHLORODIFLUOROMETHANE	60	
74-87-3	CHLOROMETHANE	57	
75-01-4	VINYL CHLORIDE	63	
74-83-9	BROMOMETHANE	37	
75-00-3	CHLOROETHANE	66	
75-69-4	TRICHLOROFLUOROMETHANE	69	
75-35-4	1,1-DICHLOROETHENE	67	
76-13-1	1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	1.4	U
67-64-1	ACETONE	55	B
75-15-0	CARBON DISULFIDE	72	
79-20-9	METHYL ACETATE	1.4	U
75-09-2	METHYLENE CHLORIDE	79	B
1634-04-4	METHYL TERT-BUTYL ETHER	59	
156-60-5	TRANS-1,2-DICHLOROETHENE	67	
75-34-3	1,1-DICHLOROETHANE	70	
156-59-2	CIS-1,2-DICHLOROETHENE	82	
78-93-3	2-BUTANONE	34	
67-66-3	CHLOROFORM	64	
71-55-6	1,1,1-TRICHLOROETHANE	91	
110-82-7	CYCLOHEXANE	1.4	U
56-23-5	CARBON TETRACHLORIDE	72	
71-43-2	BENZENE	58	
107-06-2	1,2-DICHLOROETHANE	61	
79-01-6	TRICHLOROETHENE	79	
108-87-2	METHYLCYCLOHEXANE	1.4	U
78-87-5	1,2-DICHLOROPROPANE	60	
75-27-4	BROMODICHLOROMETHANE	62	
10061-01-	CIS-1,3-DICHLOROPROPENE	38	

VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

08SSW011MS

Lab Name: _____ Contract: _____

SDG No.: TT02001 Run Sequence: R022318

Matrix: (SOIL/SED/WATER) Soil Lab Sample ID: TT02001-011MS

Sample wt/vol: 4.17 (g/mL) gm Lab File ID: B1009033.D

Level: (LOW/MED) _____ Date Collected: 10/03/2007

% Moisture: not dec. 15.0 Date/Time Analyzed: 10/09/2007 18:53

GC Column: ZB-624 20m ID: 0.18 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____(uL) Soil Aliquot Volume: _____(uL)

Heated Purge: (Y/N) Y

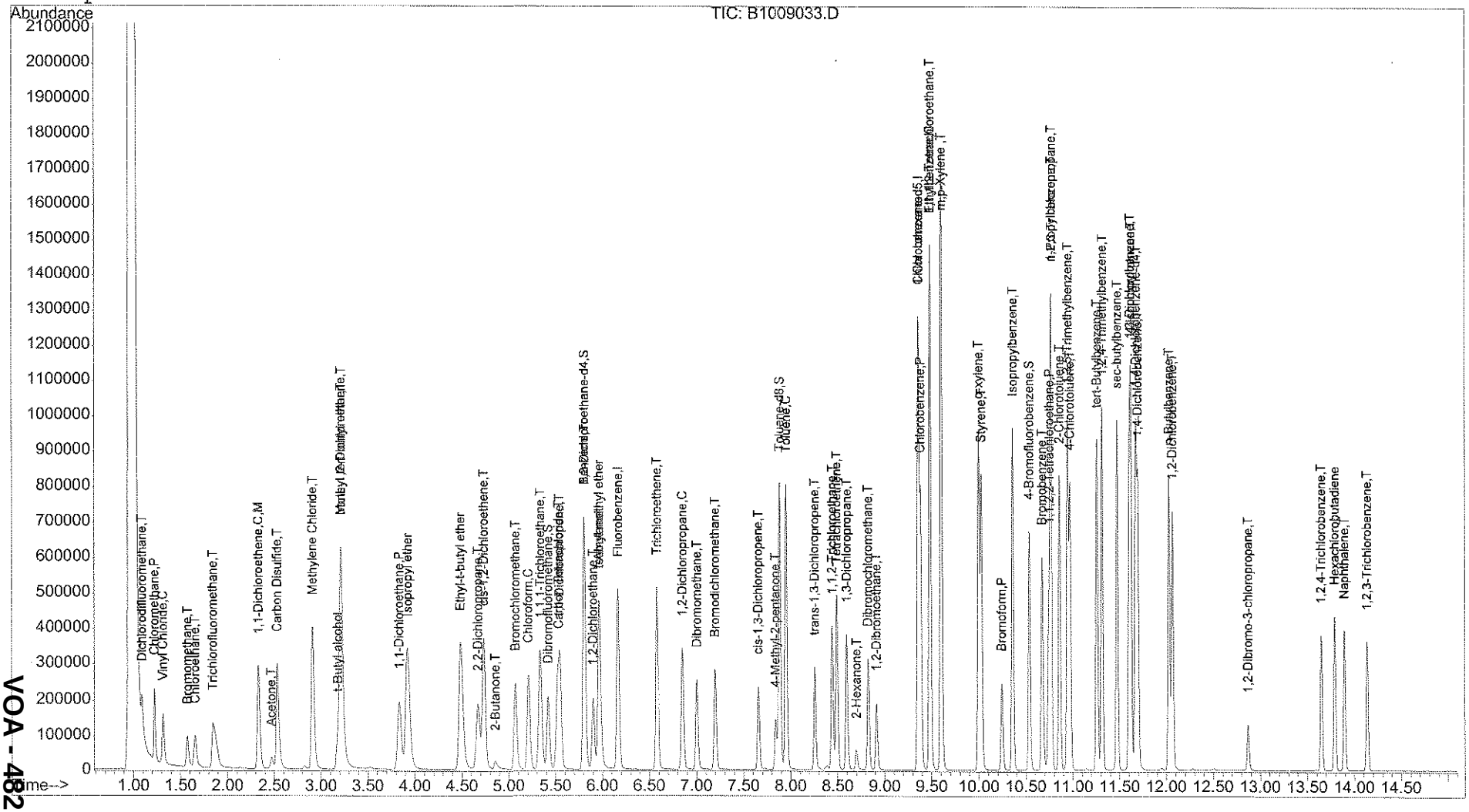
CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/kg	Q
108-10-1	4-METHYL-2-PENTANONE	43	
108-88-3	TOLUENE	58	
10061-02-	TRANS-1,3-DICHLOROPROPENE	41	
79-00-5	1,1,2-TRICHLOROETHANE	59	
127-18-4	TETRACHLOROETHENE	60	
591-78-6	2-HEXANONE	21	
124-48-1	DIBROMOCHLOROMETHANE	62	
106-93-4	1,2-DIBROMOETHANE	53	
108-90-7	CHLOROBENZENE	57	
100-41-4	ETHYLBENZENE	55	
179601-23	M,P-XYLENE	110	
95-47-6	O-XYLENE	52	
100-42-5	STYRENE	46	
75-25-2	BROMOFORM	54	
98-82-8	ISOPROPYLBENZENE	55	
79-34-5	1,1,2,2-TETRACHLOROETHANE	56	
541-73-1	1,3-DICHLOROBENZENE	49	
106-46-7	1,4-DICHLOROBENZENE	49	
95-50-1	1,2-DICHLOROBENZENE	49	
96-12-8	1,2-DIBROMO-3-CHLOROPROPANE	47	
120-82-1	1,2,4-TRICHLOROBENZENE	27	

Comments:

Quantitation Report

Data File : X:\MSVOA\BUDDHA\100907\B1009033.D Vial: 19
Acq On : 9 Oct 2007 18:53 Operator: LPM
Sample : TT02001-011MS Inst : Buddha
Misc : #4 4.17GM+ 5ML PFW+IS/SS/MS Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Oct 10 8:12 2007 Quant Results File: B8260S.RES

Method : X:\MSVOA\BUDDHA\QUANT\B8260S.M (RTE Integrator)
Title : VOA 8260- 5ML Soil Calibration 5973B
Last Update : Fri Sep 28 16:30:36 2007
Response via : Initial Calibration



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Quantitation Report

Data File : X:\MSVOA\BUDDHA\100907\B1009033.D Vial: 19
Acq On : 9 Oct 2007 18:53 Operator: LPM
Sample : TT02001-011MS Inst : Buddha
Misc : #4 4.17GM+ 5ML PFW+IS/SS/MS Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Oct 10 8:12 2007 Quant Results File: B8260S.RES

Quant Method : X:\MSVOA\BUDDHA\QUANT\B8260S.M (RTE Integrator)
Title : VOA 8260- 5ML Soil Calibration 5973B
Last Update : Fri Sep 28 16:30:36 2007
Response via : Initial Calibration
DataAcq Meth : 8260
IS QA File : X:\MSVOA\BUDDHA\092807\B0928013.D (28 Sep 2007 12:55)

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min) Rcv(Ar)
1) Fluorobenzene	6.17	96	486975	50.00 ug/l	0.00 77.90%
54) Chlorobenzene-d5	9.36	117	432813	50.00 ug/l	0.00 85.83%
74) 1,4-Dichlorobenzene-d4	11.67	152	247413	50.00 ug/l	0.00 74.68%

System Monitoring Compounds					
37) Dibromofluoromethane	5.42	111	141881	51.64 ug/l	0.00
Spiked Amount 50.000	Range 65 - 135		Recovery = 103.28%		
40) 1,2-Dichloroethane-d4	5.81	65	120803	49.23 ug/l	0.00
Spiked Amount 50.000	Range 52 - 149		Recovery = 98.46%		
55) Toluene-d8	7.88	98	512345	52.17 ug/l	0.00
Spiked Amount 50.000	Range 85 - 115		Recovery = 104.34%		
76) 4-Bromofluorobenzene	10.53	95	194502	50.00 ug/l	0.00
Spiked Amount 50.000	Range 85 - 120		Recovery = 100.00%		

Target Compounds					Qvalue
2) Dichlorodifluoromethane	1.09	85	98663	42.70 ug/l	99
3) Chloromethane	1.23	50	157527	40.34 ug/l	100
4) Vinyl Chloride	1.31	62	147076	44.51 ug/l	98
5) Bromomethane	1.57	96	54703	26.10 ug/l	99
6) Chloroethane	1.66	64	89126	46.67 ug/l	100
7) Trichlorofluoromethane	1.85	101	182277	49.00 ug/l	99
8) Acrolein	2.30	56	27	Below Cal #	13
9) 1,1-Dichloroethene	2.33	96	131264	47.18 ug/l	92
10) 1,1,2-Trichloro-1,2,2-trif	0.00	101	0	N.D.	
11) Acetone	2.47	43	42984	38.90 ug/l	90
12) Iodomethane	2.51	142	26	N.D.	
13) Bromoethane	2.54	108	166	N.D.	
14) Carbon Disulfide	2.53	76	479056	50.71 ug/l	100
15) Allyl chloride	0.00	76	0	N.D.	
16) Acetonitrile	0.00	41	0	N.D.	
17) Methyl Acetate	0.00	43	0	N.D. d	
18) Methylene Chloride	2.91	84	218823	56.33 ug/l	95
19) trans-1,2-Dichloroethene	3.22	96	151988	47.49 ug/l	92
20) t-Butyl alcohol	3.17	59	133879	315.00 ug/l #	49
21) Methyl tert-butyl ether	3.22	73	414898	42.13 ug/l	97
22) Acrylonitrile	0.00	53	0	N.D.	

(#) = qualifier out of range (m) = manual integration

Quantitation Report

Data File : X:\MSVOA\BUDDHA\100907\B1009033.D Vial: 19
Acq On : 9 Oct 2007 18:53 Operator: LPM
Sample : TT02001-011MS Inst : Buddha
Misc : #4 4.17GM+ 5ML PFW+IS/SS/MS Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Oct 10 8:12 2007 Quant Results File: B8260S.RES

Quant Method : X:\MSVOA\BUDDHA\QUANT\B8260S.M (RTE Integrator)
Title : VOA 8260- 5ML Soil Calibration 5973B
Last Update : Fri Sep 28 16:30:36 2007
Response via : Initial Calibration
DataAcq Meth : 8260

Compound	R.T.	QIon	Response	Conc Unit	Qvalue
23) 1,1-Dichloroethane	3.84	63	271964	49.44 ug/l	97
24) Chloroprene	3.91	53	32	N.D.	
25) Isopropyl ether	3.92	45	473458	42.17 ug/l	96
26) Vinyl acetate	0.00	43	0	N.D. d	
27) Ethyl-t-butyl ether	4.49	59	427587	41.10 ug/l	98
28) 2,2-Dichloropropane	4.67	77	161297	40.75 ug/l	98
29) cis-1,2-Dichloroethene	4.73	96	211540	58.45 ug/l	92
30) 2-Butanone	4.85	43	38695	24.10 ug/l #	89
31) Propionitrile	0.00	54	0	N.D.	
32) Bromochloromethane	5.07	128	86324	46.53 ug/l	91
33) Methacrylonitrile	0.00	41	0	N.D.	
34) Chloroform	5.21	83	248452	45.71 ug/l	99
35) 1,1,1-Trichloroethane	5.34	97	275935	64.46 ug/l	95
36) Cyclohexane	5.34	56	44	N.D.	
38) Carbon Tetrachloride	5.52	117	189954	51.20 ug/l	95
39) 1,1-Dichloropropene	5.55	75	145656	39.46 ug/l	92
41) Benzene	5.80	78	526607	41.01 ug/l	100
42) 1,2-Dichloroethane	5.90	62	166306	43.35 ug/l	96
43) t-Amyl methyl ether	5.97	73	396605	39.71 ug/l #	88
44) Isobutanol	5.97	43	126425	354.75 ug/l #	73
45) Trichloroethene	6.58	130	184425	56.01 ug/l	95
46) Methylcyclohexane	0.00	83	0	N.D.	
47) 1,2-Dichloropropane	6.85	63	127828	42.49 ug/l	98
48) Dibromomethane	7.00	93	85677	46.53 ug/l	93
49) Methyl methacrylate	0.00	41	0	N.D. d	
50) Bromodichloromethane	7.20	83	177202	44.13 ug/l	100
51) 2-Chloroethyl vinyl ether	0.00	63	0	N.D.	
52) cis-1,3-Dichloropropene	7.66	75	125124	26.89 ug/l	98
53) 4-Methyl-2-pentanone	7.84	43	101784	30.17 ug/l	97
56) Toluene	7.95	92	325957	40.90 ug/l	98
57) trans-1,3-Dichloropropene	8.26	75	134837	28.93 ug/l	100
58) Ethyl methacrylate	8.31	69	38	N.D.	
59) 1,1,2-Trichloroethane	8.44	97	122702	41.81 ug/l	99
60) Tetrachloroethene	8.49	166	149794	42.61 ug/l	95
61) 1,3-Dichloropropane	8.60	76	203214	42.44 ug/l	95
62) 2-Hexanone	8.70	43	35994	14.68 ug/l	96
63) Dibromochloromethane	8.83	129	157746	44.06 ug/l	98
64) 1,2-Dibromoethane	8.91	107	117488	37.33 ug/l	97
65) 1-Chlorohexane	9.36	91	135827	37.01 ug/l	90
66) Chlorobenzene	9.39	112	389332	40.63 ug/l	96
67) 1,1,1,2-Tetrachloroethane	9.49	131	156567	41.28 ug/l	99

(#) = qualifier out of range (m) = manual integration

Quantitation Report

Data File : X:\MSVOA\BUDDHA\100907\B1009033.D Vial: 19
Acq On : 9 Oct 2007 18:53 Operator: LPM
Sample : TT02001-011MS Inst : Buddha
Misc : #4 4.17GM+ 5ML PFW+IS/SS/MS Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Oct 10 8:12 2007 Quant Results File: B8260S.RES

Quant Method : X:\MSVOA\BUDDHA\QUANT\B8260S.M (RTE Integrator)
Title : VOA 8260- 5ML Soil Calibration 5973B
Last Update : Fri Sep 28 16:30:36 2007
Response via : Initial Calibration
DataAcq Meth : 8260

	Compound	R.T.	QIon	Response	Conc Unit	Qvalue
68)	Ethylbenzene	9.48	91	602174	38.92 ug/l	99
69)	m,p-Xylene	9.60	106	487979	78.17 ug/l	98
70)	o-xylene	10.00	106	242843	37.06 ug/l	97
71)	Styrene	10.02	104	380467	32.76 ug/l	99
72)	Bromoform	10.25	173	115863	38.11 ug/l	99
73)	Isopropylbenzene	10.36	105	587535	39.05 ug/l	98
75)	trans-1,4-Dichloro-2-buten	0.00	53	0	N.D. d	
77)	Bromobenzene	10.67	156	174664	37.28 ug/l	90
78)	1,1,2,2-Tetrachloroethane	10.74	83	180775	40.02 ug/l	97
79)	1,2,3-Trichloropropane	10.77	110	54667	41.96 ug/l	99
80)	n-Propylbenzene	10.77	120	161242	39.94 ug/l	92
81)	2-Chlorotoluene	10.86	91	424600	39.11 ug/l	99
82)	4-Chlorotoluene	10.97	91	468219	37.44 ug/l	95
83)	1,3,5-Trimethylbenzene	10.94	105	506504	38.59 ug/l	98
84)	tert-Butylbenzene	11.26	119	444062	40.59 ug/l	94
85)	1,2,4-Trimethylbenzene	11.31	105	509989	37.43 ug/l	98
86)	sec-butylbenzene	11.47	105	623923	39.58 ug/l	99
87)	1,3-Dichlorobenzene	11.60	146	309596	34.85 ug/l	96
88)	4-Isopropyltoluene	11.62	119	521077	35.26 ug/l	98
89)	1,4-Dichlorobenzene	11.70	146	310728	34.78 ug/l	99
90)	1,2-Dichlorobenzene	12.07	146	298042	34.82 ug/l	99
91)	n-Butylbenzene	12.03	91	405394	30.21 ug/l	99
92)	1,2-Dibromo-3-chloropropan	12.87	75	29054	33.41 ug/l	90
93)	1,2,4-Trichlorobenzene	13.65	180	126367	19.18 ug/l	98
94)	Hexachlorobutadiene	13.79	225	88212	24.78 ug/l	99
95)	Naphthalene	13.89	128	300588	20.23 ug/l	99
96)	1,2,3-Trichlorobenzene	14.14	180	119651	19.65 ug/l	99

(#) = qualifier out of range (m) = manual integration

VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

08SSW011MSD

Lab Name: _____ Contract: _____

SDG No.: TT02001 Run Sequence: R022318

Matrix: (SOIL/SED/WATER) Soil Lab Sample ID: TT02001-011MSD

Sample wt/vol: 5.84 (g/mL) gm Lab File ID: B1009034.D

Level: (LOW/MED) _____ Date Collected: 10/03/2007

% Moisture: not dec. 15.0 Date/Time Analyzed: 10/09/2007 19:20

GC Column: ZB-624 20m ID: 0.18 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____(uL) Soil Aliquot Volume: _____(uL)

Heated Purge: (Y/N) Y

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/kg	Q
1330-20-7	XYLENES, TOTAL	120	
75-71-8	DICHLORODIFLUOROMETHANE	42	
74-87-3	CHLOROMETHANE	40	
75-01-4	VINYL CHLORIDE	45	
74-83-9	BROMOMETHANE	21	
75-00-3	CHLOROETHANE	48	
75-69-4	TRICHLOROFLUOROMETHANE	49	
75-35-4	1,1-DICHLOROETHENE	50	
76-13-1	1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	1.0	U
67-64-1	ACETONE	34	B
75-15-0	CARBON DISULFIDE	52	
79-20-9	METHYL ACETATE	1.0	U
75-09-2	METHYLENE CHLORIDE	59	B
1634-04-4	METHYL TERT-BUTYL ETHER	45	
156-60-5	TRANS-1,2-DICHLOROETHENE	50	
75-34-3	1,1-DICHLOROETHANE	53	
156-59-2	CIS-1,2-DICHLOROETHENE	69	
78-93-3	2-BUTANONE	20	
67-66-3	CHLOROFORM	48	
71-55-6	1,1,1-TRICHLOROETHANE	69	
110-82-7	CYCLOHEXANE	1.0	U
56-23-5	CARBON TETRACHLORIDE	54	
71-43-2	BENZENE	43	
107-06-2	1,2-DICHLOROETHANE	45	
79-01-6	TRICHLOROETHENE	60	
108-87-2	METHYLCYCLOHEXANE	1.0	U
78-87-5	1,2-DICHLOROPROPANE	44	
75-27-4	BROMODICHLOROMETHANE	45	
10061-01-	CIS-1,3-DICHLOROPROPENE	24	

VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

08SSW011MSD

Lab Name: _____ Contract: _____

SDG No.: TT02001 Run Sequence: R022318

Matrix: (SOIL/SED/WATER) Soil Lab Sample ID: TT02001-011MSD

Sample wt/vol: 5.84 (g/mL) gm Lab File ID: B1009034.D

Level: (LOW/MED) _____ Date Collected: 10/03/2007

% Moisture: not dec. 15.0 Date/Time Analyzed: 10/09/2007 19:20

GC Column: ZB-624 20m ID: 0.18 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____(uL) Soil Aliquot Volume: _____(uL)

Heated Purge: (Y/N) Y

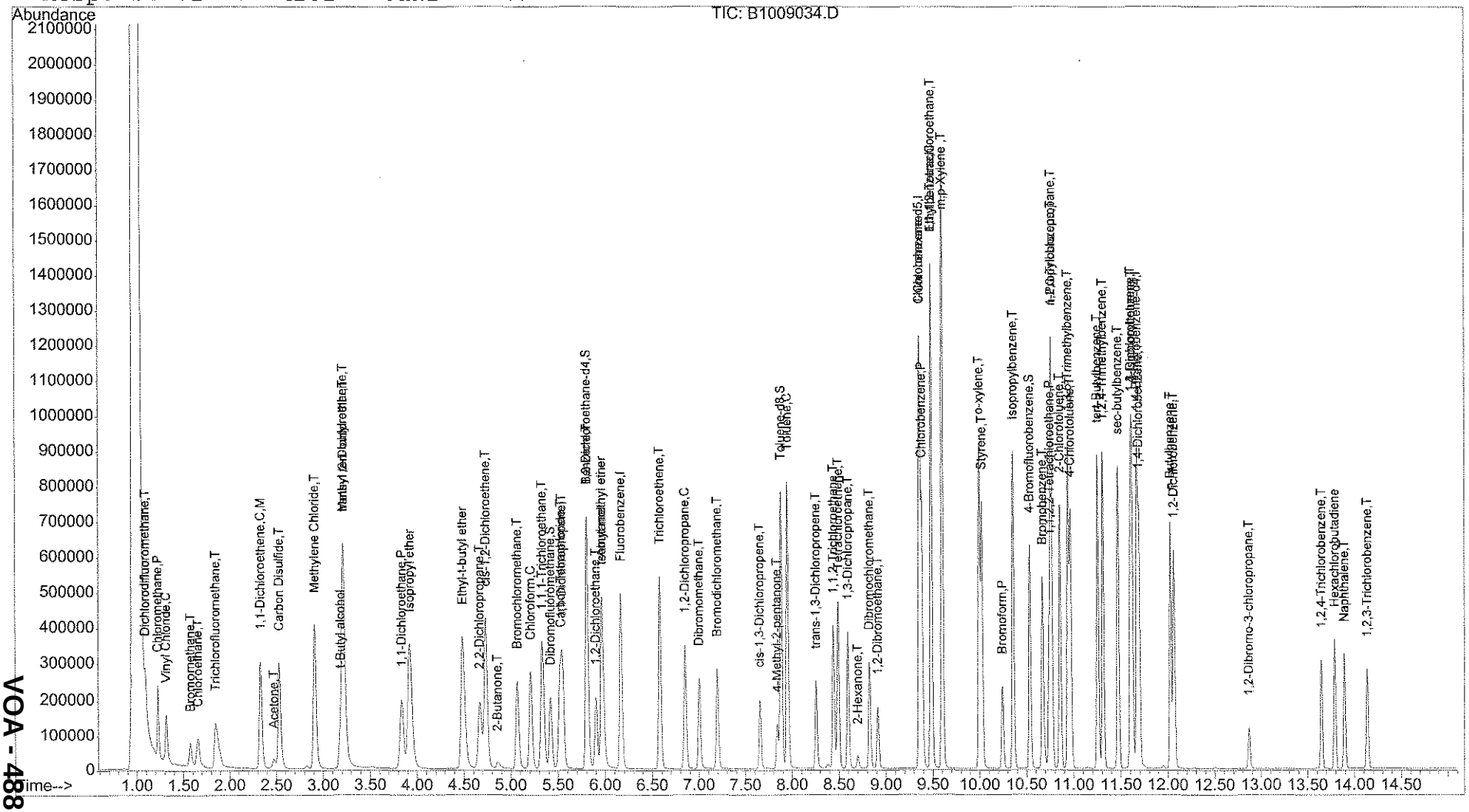
CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/kg	Q
108-10-1	4-METHYL-2-PENTANONE	27	
108-88-3	TOLUENE	43	
10061-02-	TRANS-1,3-DICHLOROPROPENE	27	
79-00-5	1,1,2-TRICHLOROETHANE	44	
127-18-4	TETRACHLOROETHENE	43	
591-78-6	2-HEXANONE	11	
124-48-1	DIBROMOCHLOROMETHANE	45	
106-93-4	1,2-DIBROMOETHANE	38	
108-90-7	CHLOROBENZENE	41	
100-41-4	ETHYLBENZENE	40	
179601-23	M,P-XYLENE	79	
95-47-6	O-XYLENE	38	
100-42-5	STYRENE	31	
75-25-2	BROMOFORM	38	
98-82-8	ISOPROPYLBENZENE	39	
79-34-5	1,1,2,2-TETRACHLOROETHANE	43	
541-73-1	1,3-DICHLOROBENZENE	33	
106-46-7	1,4-DICHLOROBENZENE	33	
95-50-1	1,2-DICHLOROBENZENE	33	
96-12-8	1,2-DIBROMO-3-CHLOROPROPANE	35	
120-82-1	1,2,4-TRICHLOROBENZENE	17	

Comments:

Quantitation Report

Data File : X:\MSVOA\BUDDHA\100907\B1009034.D Vial: 20
Acq On : 9 Oct 2007 19:20 Operator: LPM
Sample : TT02001-011MSD Inst : Buddha
Misc : #8 5.84GM+ 5ML PFW+IS/SS/MS Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Oct 10 8:13 2007 Quant Results File: B8260S.RES

Method : X:\MSVOA\BUDDHA\QUANT\B8260S.M (RTE Integrator)
Title : VOA 8260- 5ML Soil Calibration 5973B
Last Update : Fri Sep 28 16:30:36 2007
Response via : Initial Calibration



VOA - 488

Quantitation Report

Data File : X:\MSVOA\BUDDHA\100907\B1009034.D Vial: 20
Acq On : 9 Oct 2007 19:20 Operator: LPM
Sample : TT02001-011MSD Inst : Buddha
Misc : #8 5.84GM+ 5ML PFW+IS/SS/MS Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Oct 10 8:13 2007 Quant Results File: B8260S.RES

Quant Method : X:\MSVOA\BUDDHA\QUANT\B8260S.M (RTE Integrator)
Title : VOA 8260- 5ML Soil Calibration 5973B
Last Update : Fri Sep 28 16:30:36 2007
Response via : Initial Calibration
DataAcq Meth : 8260
IS QA File : X:\MSVOA\BUDDHA\092807\B0928013.D (28 Sep 2007 12:55)

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min) Rcv(Ar)
1) Fluorobenzene	6.17	96	475653	50.00 ug/l	0.00 76.09%
54) Chlorobenzene-d5	9.36	117	414671	50.00 ug/l	0.00 82.23%
74) 1,4-Dichlorobenzene-d4	11.67	152	224723	50.00 ug/l	0.00 67.83%

System Monitoring Compounds

37) Dibromofluoromethane	5.42	111	141166	52.60 ug/l	0.00
Spiked Amount 50.000	Range 65 - 135		Recovery = 105.20%		
40) 1,2-Dichloroethane-d4	5.81	65	119576	49.89 ug/l	0.00
Spiked Amount 50.000	Range 52 - 149		Recovery = 99.78%		
55) Toluene-d8	7.88	98	505683	53.74 ug/l	0.00
Spiked Amount 50.000	Range 85 - 115		Recovery = 107.48%		
76) 4-Bromofluorobenzene	10.53	95	184241	52.15 ug/l	0.00
Spiked Amount 50.000	Range 85 - 120		Recovery = 104.30%		

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.09	85	94493	41.87 ug/l	98
3) Chloromethane	1.23	50	153050	40.13 ug/l	99
4) Vinyl Chloride	1.31	62	144384	44.74 ug/l	96
5) Bromomethane	1.58	96	43481	21.24 ug/l	99
6) Chloroethane	1.66	64	88020	47.19 ug/l	98
7) Trichlorofluoromethane	1.85	101	177819	48.94 ug/l	99
8) Acrolein	2.29	56	32	Below Cal #	1
9) 1,1-Dichloroethene	2.33	96	134722	49.57 ug/l	92
10) 1,1,2-Trichloro-1,2,2-trif	0.00	101	0	N.D.	
11) Acetone	2.47	43	36190	33.53 ug/l #	89
12) Iodomethane	2.53	142	29	N.D.	
13) Bromoethane	2.53	108	149	N.D.	
14) Carbon Disulfide	2.53	76	476291	51.62 ug/l	100
15) Allyl chloride	0.00	76	0	N.D.	
16) Acetonitrile	0.00	41	0	N.D.	
17) Methyl Acetate	0.00	43	0	N.D. d	
18) Methylene Chloride	2.91	84	221687	58.93 ug/l	94
19) trans-1,2-Dichloroethene	3.21	96	154291	49.36 ug/l	92
20) t-Butyl alcohol	3.18	59	141160	340.03 ug/l #	1
21) Methyl tert-butyl ether	3.22	73	430583	44.77 ug/l	97
22) Acrylonitrile	0.00	53	0	N.D. d	

(#) = qualifier out of range (m) = manual integration

Quantitation Report

Data File : X:\MSVOA\BUDDHA\100907\B1009034.D Vial: 20
Acq On : 9 Oct 2007 19:20 Operator: LPM
Sample : TT02001-011MSD Inst : Buddha
Misc : #8 5.84GM+ 5ML PFW+IS/SS/MS Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Oct 10 8:13 2007 Quant Results File: B8260S.RES

Quant Method : X:\MSVOA\BUDDHA\QUANT\B8260S.M (RTE Integrator)
Title : VOA 8260- 5ML Soil Calibration 5973B
Last Update : Fri Sep 28 16:30:36 2007
Response via : Initial Calibration
DataAcq Meth : 8260

	Compound	R.T.	QIon	Response	Conc Unit		Qvalue
23)	1,1-Dichloroethane	3.83	63	280155	52.14 ug/l		96
24)	Chloroprene	3.92	53	34	N.D.		
25)	Isopropyl ether	3.92	45	495888	45.22 ug/l		95
26)	Vinyl acetate	0.00	43	0	N.D. d		
27)	Ethyl-t-butyl ether	4.49	59	441134	43.41 ug/l		98
28)	2,2-Dichloropropane	4.67	77	162938	42.14 ug/l		97
29)	cis-1,2-Dichloroethene	4.73	96	242423	68.57 ug/l		91
30)	2-Butanone	4.86	43	30978	19.75 ug/l	#	77
31)	Propionitrile	0.00	54	0	N.D.		
32)	Bromochloromethane	5.07	128	86712	47.85 ug/l		92
33)	Methacrylonitrile	0.00	41	0	N.D.		
34)	Chloroform	5.21	83	252458	47.56 ug/l		99
35)	1,1,1-Trichloroethane	5.33	97	288402	68.98 ug/l		94
36)	Cyclohexane	0.00	56	0	N.D.		
38)	Carbon Tetrachloride	5.52	117	192983	53.25 ug/l		94
39)	1,1-Dichloropropene	5.55	75	145891	40.47 ug/l		92
41)	Benzene	5.81	78	529995	42.25 ug/l		100
42)	1,2-Dichloroethane	5.90	62	167295	44.65 ug/l		96
43)	t-Amyl methyl ether	5.97	73	406491	41.67 ug/l	#	89
44)	Isobutanol	5.97	43	130542	375.02 ug/l	#	71
45)	Trichloroethene	6.58	130	191631	59.58 ug/l		97
46)	Methylcyclohexane	0.00	83	0	N.D.		
47)	1,2-Dichloropropane	6.85	63	129726	44.15 ug/l		97
48)	Dibromomethane	7.00	93	86630	48.16 ug/l		94
49)	Methyl methacrylate	0.00	41	0	N.D.		
50)	Bromodichloromethane	7.20	83	177161	45.17 ug/l		99
51)	2-Chloroethyl vinyl ether	0.00	63	0	N.D.		
52)	cis-1,3-Dichloropropene	7.66	75	106124	23.35 ug/l		97
53)	4-Methyl-2-pentanone	7.84	43	89670	27.21 ug/l		98
56)	Toluene	7.95	92	322619	42.25 ug/l		98
57)	trans-1,3-Dichloropropene	8.26	75	119226	26.70 ug/l		99
58)	Ethyl methacrylate	8.30	69	31	N.D.		
59)	1,1,2-Trichloroethane	8.44	97	122545	43.58 ug/l		99
60)	Tetrachloroethene	8.49	166	144067	42.77 ug/l		96
61)	1,3-Dichloropropane	8.60	76	202892	44.23 ug/l		94
62)	2-Hexanone	8.70	43	25133	10.70 ug/l	#	95
63)	Dibromochloromethane	8.82	129	154867	45.15 ug/l		98
64)	1,2-Dibromoethane	8.91	107	113121	37.51 ug/l		97
65)	1-Chlorohexane	9.36	91	128408	36.52 ug/l		90
66)	Chlorobenzene	9.39	112	369554	40.25 ug/l		95
67)	1,1,1,2-Tetrachloroethane	9.49	131	153923	42.36 ug/l		98

(#) = qualifier out of range (m) = manual integration

Quantitation Report

Data File : X:\MSVOA\BUDDHA\100907\B1009034.D Vial: 20
Acq On : 9 Oct 2007 19:20 Operator: LPM
Sample : TT02001-011MSD Inst : Buddha
Misc : #8 5.84GM+ 5ML PFW+IS/SS/MS Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Oct 10 8:13 2007 Quant Results File: B8260S.RES

Quant Method : X:\MSVOA\BUDDHA\QUANT\B8260S.M (RTE Integrator)
Title : VOA 8260- 5ML Soil Calibration 5973B
Last Update : Fri Sep 28 16:30:36 2007
Response via : Initial Calibration
DataAcq Meth : 8260

	Compound	R.T.	QIon	Response	Conc Unit	Qvalue
68)	Ethylbenzene	9.48	91	586503	39.57 ug/l	100
69)	m,p-Xylene	9.60	106	466282	77.96 ug/l	98
70)	o-xylene	10.00	106	234945	37.42 ug/l	98
71)	Styrene	10.02	104	346065	31.10 ug/l	98
72)	Bromoform	10.25	173	109313	37.52 ug/l	100
73)	Isopropylbenzene	10.36	105	559306	38.80 ug/l	99
75)	trans-1,4-Dichloro-2-buten	0.00	53	0	N.D. d	
77)	Bromobenzene	10.67	156	160228	37.65 ug/l	90
78)	1,1,2,2-Tetrachloroethane	10.74	83	174355	42.50 ug/l	96
79)	1,2,3-Trichloropropane	10.77	110	54143	45.75 ug/l	97
80)	n-Propylbenzene	10.77	120	149250	40.71 ug/l	92
81)	2-Chlorotoluene	10.86	91	389475	39.49 ug/l	99
82)	4-Chlorotoluene	10.97	91	420604	37.03 ug/l	94
83)	1,3,5-Trimethylbenzene	10.94	105	463857	38.90 ug/l	98
84)	tert-Butylbenzene	11.26	119	407458	41.00 ug/l	94
85)	1,2,4-Trimethylbenzene	11.31	105	462778	37.39 ug/l	98
86)	sec-butylbenzene	11.47	105	557140	38.91 ug/l	99
87)	1,3-Dichlorobenzene	11.60	146	263797	32.70 ug/l	97
88)	4-Isopropyltoluene	11.62	119	453897	33.82 ug/l	98
89)	1,4-Dichlorobenzene	11.70	146	267024	32.90 ug/l	98
90)	1,2-Dichlorobenzene	12.07	146	256180	32.95 ug/l	99
91)	n-Butylbenzene	12.03	91	346098	28.40 ug/l	99
92)	1,2-Dibromo-3-chloropropan	12.86	75	27271	34.53 ug/l	90
93)	1,2,4-Trichlorobenzene	13.65	180	100741	16.83 ug/l	98
94)	Hexachlorobutadiene	13.79	225	74375	23.00 ug/l	99
95)	Naphthalene	13.90	128	238706	17.69 ug/l	99
96)	1,2,3-Trichlorobenzene	14.14	180	94388	17.06 ug/l	98

(#) = qualifier out of range (m) = manual integration

BENCH SHEETS

SDG TT02001

VOLATILES ANALYSIS

SDG Summary Report

SDG: TT02001

SDG Packets: GC/MS volatiles

Sample Information					Methods					
Lab Sample ID	Client Sample ID	Matrix	Collected	VTSR	8260B 1	8260B 2	8260B 3			
TT02001-001	08SSW001	Soil	10/03/2007	10/05/2007		X				
TT02001-002	08SSW002	Soil	10/03/2007	10/05/2007		X				
TT02001-003	08SSW003	Soil	10/03/2007	10/05/2007		X				
TT02001-004	08SSW004	Soil	10/03/2007	10/05/2007		X				
TT02001-005	08SSW005	Soil	10/03/2007	10/05/2007		X				
TT02001-006	08SSW006	Soil	10/03/2007	10/05/2007		X				
TT02001-007	08SSW007	Soil	10/03/2007	10/05/2007		X				
TT02001-008	08SSW008	Soil	10/03/2007	10/05/2007		X				
TT02001-009	08SSW009	Soil	10/03/2007	10/05/2007		X				
TT02001-010	08SSW010	Soil	10/03/2007	10/05/2007		X				
TT02001-011 #	08SSW011	Soil	10/03/2007	10/05/2007		X				
TT02001-012	08SSW012	Soil	10/03/2007	10/05/2007		X				
TT02001-013	08SSW013	Soil	10/03/2007	10/05/2007		X				
TT02001-014	08FD10030701	Soil	10/03/2007	10/05/2007		X				
TT02001-015	08SSW014	Soil	10/04/2007	10/05/2007		X				
TT02001-016	08SSW015	Soil	10/04/2007	10/05/2007		X				
TT02001-017	08SSW016	Soil	10/04/2007	10/05/2007		X				
TT02001-018	08TB100407	Soil	10/04/2007	10/05/2007		X				

Project Notes: 24-hr preliminary data (VOA only). 28-day final package with ADR EDD. Soil samples will be collected in Encores. Expect to have high levels of TCE in some of the samples. The client will be doing a rough field test for a "ballpark" concentration, and will mark it on the COC. Sampling expected to start this week, and to continue for about two weeks.

SDG Notes:

Determinations:

1 = 8260-1 VOAs Water Extended with Appendix IX

2 = 8260 (5-day) VOAs Soil Extended with Appendix IX

3 = 8260 (5-day) VOAs Medium Soil Extended with ApIX

= QC Requested

Injection Log Summary Report

Method : X:\MSVOA\BUDDHA\QUANT\B8260W.M (RTE Integrator)
Title : VOA 8260- 5ML Water Calibration 5973B
Start (Tune) File ID : X:\MSVOA\BUDDHA\092807\B0928001.D
Injection Date : 28 Sep 2007 Log Time Period (hrs) : ALL
Injection Time : 08:16 Total files within period : 63
Sample Directory : X:\MSVOA\BUDDHA\092807\ Operator : LPM

Injection Log Summary Table

File ID	Multiplier I	S	T	Sample Name / Misc Info	Date	Time
B0928003	1.00	1.00	1.00	IB092807MVOSB1 5ML PFW+IS/SS(MV8-42-9)	28 Sep 2007	08:43
B0928004	1.00	1.00	1.00	IB092807MVOSB2 5ML PFW+IS/SS(MV8-42-9)	28 Sep 2007	09:13
B0928005	1.00	1.00	1.00	IB092807MVOSB3 5ML PFW+IS/SS(MV8-42-9)	28 Sep 2007	09:40
B0928006	1.00	1.00	1.00	IB092807MVOSB3 5ML PFW+IS/SS(MV8-42-9)	28 Sep 2007	10:06
B0928007	1.00	1.00	1.00	BFBB1 1ul DIRECT INJECT MV-8-34	28 Sep 2007	10:30
B0928008	1.00	1.00	1.00	BFBB2 1ul DIRECT INJECT MV-8-34	28 Sep 2007	10:47
B0928009	1.00	1.00	1.00	VSTD002 5ML+STD(MV8-42-18)+IS/SS+	28 Sep 2007	11:11
B0928010	1.00	1.00	1.00	VSTD003 5ML+STD(MV8-42-18)+IS/SS+	28 Sep 2007	11:37
B0928011	1.00	1.00	1.00	VSTD010 5ML+IS/SS(MV8-42-9)+SS+ST	28 Sep 2007	12:04
B0928012	1.00	1.00	1.00	VSTD020 5ML+SS(MV8-40-19)+STD+IS/	28 Sep 2007	12:29
B0928013	1.00	1.00	1.00	VSTD050 5ML+STD+IS/SS(MV8-42-9)+S	28 Sep 2007	12:55
B0928014	1.00	1.00	1.00	VSTD100 5ML+STD+IS/SS+SS	28 Sep 2007	13:21
B0928015	1.00	1.00	1.00	VSTD200 5ML+STD+IS/SS+SS	28 Sep 2007	13:48
B0928016	1.00	1.00	1.00	IB092807MVOSB1 10ML PFW+IS/SS(MV8-42-9)	28 Sep 2007	14:14
B0928017	1.00	1.00	1.00	IB092807MVOSB2 10ML PFW+IS/SS(MV8-42-9)	28 Sep 2007	14:40
B0928018	1.00	1.00	1.00	BFBB1 1ul DIRECT INJECT MV-8-34	28 Sep 2007	15:01
B0928019	1.00	1.00	1.00	VSTD050B1 5ML PFW+STD(MV8-42-18)+IS	28 Sep 2007	15:25
B0928020	1.00	1.00	1.00	VSTD050B2 5ML PFW+STD(MV8-42-18)+IS	28 Sep 2007	15:55
B0928021	1.00	1.00	1.00	VSTD050B3 5ML PFW+STD(MV8-42-18)+IS	28 Sep 2007	16:25
B0928022	1.00	1.00	1.00	S092807MVOWB1/ICV092807MV 5ML PFW+STD(MV8-42-15)+IS	28 Sep 2007	16:54
B0928023	1.00	1.00	1.00	S092807MVOWB2/ICV092807MV 5ML PFW+STD(MV8-42-15)+IS	28 Sep 2007	17:22
B0928024	1.00	1.00	1.00	IB092807MVOWB1 5ML PFW+IS/SS(MV-8-42-9)	28 Sep 2007	17:49

Injection Log Summary Report

Method : X:\MSVOA\BUDDHA\QUANT\B8260W.M (RTE Integrator)
Title : VOA 8260- 5ML Water Calibration 5973B
Start (Tune) File ID : X:\MSVOA\BUDDHA\092807\B0928001.D
Injection Date : 28 Sep 2007 Log Time Period (hrs) : ALL
Injection Time : 08:16 Total files within period : 63
Sample Directory : X:\MSVOA\BUDDHA\092807\ Operator : LPM

Injection Log Summary Table

File ID	Multiplier I	S	T	Sample Name / Misc Info	Date	Time
B0928025	1.00	1.00	1.00	B092807MVOSB1 5ML PFW+IS/SS(MV-8-42-9)	28 Sep 2007	18:16
B0928026	1.00	1.00	1.00	B092807MVOSB2 5ML PFW+IS/SS(MV-8-42-9)	28 Sep 2007	18:42
B0928027	1.00	1.00	1.00	CAFS03-001 #10 5.13g+5ML +IS/SS	28 Sep 2007	19:09
B0928028	1.00	1.00	1.00	CAFS03-002 #4 4.50g+5ML +IS/SS	28 Sep 2007	19:35
B0928029	1.00	1.00	1.00	CAFS03-003 #4 4.50g+5ML +IS/SS	28 Sep 2007	20:01
B0928030	1.00	1.00	1.00	CAFS03-004 #3 5.14g+5ML +IS/SS	28 Sep 2007	20:27
B0928031	1.00	1.00	1.00	CAFS03-005 #3 6.05g+5ML +IS/SS	28 Sep 2007	20:54
B0928032	1.00	1.00	1.00	CAFS03-006 #4 5.75g+5ML +IS/SS	28 Sep 2007	21:20
B0928033	1.00	1.00	1.00	CAFS03-007 #3 4.80g+5ML +IS/SS	28 Sep 2007	21:47
B0928034	1.00	1.00	1.00	CAFS03-008 #4 6.20g+5ML +IS/SS	28 Sep 2007	22:13
B0928035	1.00	1.00	1.00	CAFS03-009 #3 5.82g+5ML +IS/SS	28 Sep 2007	22:39
B0928036	1.00	1.00	1.00	NSSD22-001 #10 5.11g+5ML +IS/SS	28 Sep 2007	23:06
B0928037	1.00	1.00	1.00	NSSD22-002 #1 5.62g+5ML +IS/SS	28 Sep 2007	23:32
B0928038	1.00	1.00	1.00	NSSD22-003 #4 5.60g+5ML +IS/SS	28 Sep 2007	23:58
B0928039	1.00	1.00	1.00	NSSD22-004 #1 5.08g+5ML +IS/SS	29 Sep 2007	00:24
B0928040	1.00	1.00	1.00	NSSD22-005 #4 6.59g+5ML +IS/SS	29 Sep 2007	00:50
B0928041	1.00	1.00	1.00	NSSD22-006 #4 5.01g+5ML +IS/SS	29 Sep 2007	01:17
B0928042	1.00	1.00	1.00	NSSD22-007 #1 5.55g+5ML +IS/SS	29 Sep 2007	01:43
B0928043	1.00	1.00	1.00	CAFS03-001MS #9 4.37g+5ML +IS/SS/MS	29 Sep 2007	02:09
B0928044	1.00	1.00	1.00	CAFS03-001MSD #8 3.67g+5ML +IS/SS/MS	29 Sep 2007	02:34
B0928045	1.00	1.00	1.00	NSSD22-001MS #15 4.99g+5ML +IS/SS/MS	29 Sep 2007	03:00
B0928046	1.00	1.00	1.00	NSSD22-001MSD #12 4.93g+5ML +IS/SS/MS	29 Sep 2007	03:25

Injection Log Summary Report

Method : X:\MSVOA\BUDDHA\QUANT\B8260W.M (RTE Integrator)
Title : VOA 8260- 5ML Water Calibration 5973B
Start (Tune) File ID : X:\MSVOA\BUDDHA\092807\B0928001.D
Injection Date : 28 Sep 2007 Log Time Period (hrs) : ALL
Injection Time : 08:16 Total files within period : 63
Sample Directory : X:\MSVOA\BUDDHA\092807\ Operator : LPM

Injection Log Summary Table

File ID	Multiplier I	S	T	Sample Name / Misc Info	Date	Time
B0928047	1.00	1.00	1.00	IB092807MVOWB1 5ML PFW+IS/SS(MV-8-42-9)	29 Sep 2007	03:51
B0928048	1.00	1.00	1.00	IB092807MVOWB1 5ML PFW+IS/SS(MV-8-42-9)	29 Sep 2007	04:16
B0928049	1.00	1.00	1.00	IB092807MVOWB2 5ML PFW+IS/SS(MV-8-42-9)	29 Sep 2007	04:42
B0928050	1.00	1.00	1.00	IB092807MVOWB3 5ML PFW+IS/SS(MV-8-42-9)	29 Sep 2007	05:08
B0928051	1.00	1.00	1.00	IB092807MVOWB4 5ML PFW+IS/SS(MV-8-42-9)	29 Sep 2007	05:34
B0928052	1.00	1.00	1.00	IB092807MVOWB5 5ML PFW+IS/SS(MV-8-42-9)	29 Sep 2007	06:00
B0928053	1.00	1.00	1.00	IB092807MVOWB6 5ML PFW+IS/SS(MV-8-42-9)	29 Sep 2007	06:26
B0928054	1.00	1.00	1.00	IB092807MVOWB7 5ML PFW+IS/SS(MV-8-42-9)	29 Sep 2007	06:51
B0928055	1.00	1.00	1.00	IB092807MVOWB8 5ML PFW+IS/SS(MV-8-42-9)	29 Sep 2007	07:17
B0928056	1.00	1.00	1.00	IB092807MVOWB9 5ML PFW+IS/SS(MV-8-42-9)	29 Sep 2007	07:43
B0928057	1.00	1.00	1.00	BFB 5ML PFW+IS/SS(MV-8-34-8)	29 Sep 2007	08:09
B0928058	1.00	1.00	1.00	VSTD0.3 5ML PFW+STD(MV8-42-18)+IS	29 Sep 2007	08:35
B0928059	1.00	1.00	1.00	VSTD0.5 5ML PFW+STD(MV8-42-18)+IS	29 Sep 2007	09:00
B0928060	1.00	1.00	1.00	VSTD001 5ML PFW+STD(MV8-42-18)+IS	29 Sep 2007	09:26
B0928061	1.00	1.00	1.00	VSTD005 5ML PFW+STD(MV8-42-18)+IS	29 Sep 2007	09:51
B0928062	1.00	1.00	1.00	VSTD010 5ML PFW+STD(MV8-42-18)+IS	29 Sep 2007	10:17
B0928063	1.00	1.00	1.00	VSTD050 5ML PFW+STD(MV8-42-18)+IS	29 Sep 2007	10:43
B0928064	1.00	1.00	1.00	VSTD100 5ML PFW+STD(MV8-42-18)+IS	29 Sep 2007	11:08
B0928065	1.00	1.00	1.00	VSTD200 5ML PFW+STD(MV8-42-18)+IS	29 Sep 2007	11:33

Injection Log Summary Report

Method : X:\MSVOA\BUDDHA\QUANT\B8260S.M (RTE Integrator)
Title : VOA 8260- 5ML Soil Calibration 5973B
Start (Tune) File ID : X:\MSVOA\BUDDHA\100907\B1009001.D
Injection Date : 9 Oct 2007 Log Time Period (hrs) : ALL
Injection Time : 05:37 Total files within period : 43
Sample Directory : X:\MSVOA\BUDDHA\100907\ Operator : LPM

Injection Log Summary Table

File ID	Multiplier I	S	T	Sample Name / Misc Info	Date	Time
B1009002	1.00	1.00	1.00	IB100907MVOSB2 10ML PFW+IS/SS(MV8-42-9)	9 Oct 2007	06:04
B1009003	1.00	1.00	1.00	BFBB1 1ul DIRECT INJECT MV-8-34	9 Oct 2007	06:31
B1009004	1.00	1.00	1.00	BFBB2 1ul DIRECT INJECT MV-8-34	9 Oct 2007	06:50
B1009005	1.00	1.00	1.00	BFBB3 1ul DIRECT INJECT MV-8-34	9 Oct 2007	07:04
B1009007	1.00	1.00	1.00	VSTD050B1/BFBB4 LH 10/22/07 5ML PFW+STD(MV8-42-18)+IS	9 Oct 2007	07:28
B1009008	1.00	1.00	1.00	VSTD050B2 5ML PFW+STD(MV8-42-18)+IS	9 Oct 2007	07:54
B1009009	1.00	1.00	1.00	S100907MVOSB1 5ML PFW+STD(MV8-43-4)+IS/	9 Oct 2007	08:21
B1009010	1.00	1.00	1.00	IB100907MVOSB1 5ML PFW+IS/SS(MV-8-42-9)	9 Oct 2007	08:48
B1009011	1.00	1.00	1.00	B100907MVOSB1 5ML PFW+IS/SS(MV-8-42-9)	9 Oct 2007	09:14
B1009012	1.00	1.00	1.00	B100907MVOSB2 5ML PFW+IS/SS(MV-8-42-9)	9 Oct 2007	09:40
B1009013	1.00	1.00	1.00	TT02001-018 #1 5.00GM+ 5ML PFW+IS/SS	9 Oct 2007	10:06
B1009014	1.00	1.00	1.00	NSSD22-008RE #3 4.74GM+ 5ML PFW+IS/SS	9 Oct 2007	10:33
B1009015	1.00	1.00	1.00	TT02001-001 #2 5.78GM+ 5ML PFW+IS/SS	9 Oct 2007	10:59
B1009016	1.00	1.00	1.00	TT02001-002 #2 5.74GM+ 5ML PFW+IS/SS	9 Oct 2007	11:25
B1009017	1.00	1.00	1.00	TT02001-003 #2 5.89GM+ 5ML PFW+IS/SS	9 Oct 2007	11:52
B1009018	1.00	1.00	1.00	TT02001-004 #2 5.72GM+ 5ML PFW+IS/SS	9 Oct 2007	12:18
B1009019	1.00	1.00	1.00	TT02001-005 #2 5.41GM+ 5ML PFW+IS/SS	9 Oct 2007	12:45
B1009020	1.00	1.00	1.00	TT02001-006 #2 4.01GM+ 5ML PFW+IS/SS	9 Oct 2007	13:11
B1009021	1.00	1.00	1.00	TT02001-007 #2 5.16GM+ 5ML PFW+IS/SS	9 Oct 2007	13:38
B1009022	1.00	1.00	1.00	TT02001-008 #2 4.24GM+ 5ML PFW+IS/SS	9 Oct 2007	14:04
B1009023	1.00	1.00	1.00	TT02001-009 #2 6.08GM+ 5ML PFW+IS/SS	9 Oct 2007	14:31
B1009024	1.00	1.00	1.00	TT02001-010 #2 5.60GM+ 5ML PFW+IS/SS	9 Oct 2007	14:57

Injection Log Summary Report

Method : X:\MSVOA\BUDDHA\QUANT\B8260S.M (RTE Integrator)
Title : VOA 8260- 5ML Soil Calibration 5973B
Start (Tune) File ID : X:\MSVOA\BUDDHA\100907\B1009001.D
Injection Date : 9 Oct 2007 Log Time Period (hrs) : ALL
Injection Time : 05:37 Total files within period : 43
Sample Directory : X:\MSVOA\BUDDHA\100907\ Operator : LPM

Injection Log Summary Table

File ID	Multiplier I	S	T	Sample Name / Misc Info	Date	Time
B1009025	1.00	1.00	1.00	TT02001-011 #7 5.66GM+ 5ML PFW+IS/SS	9 Oct 2007	15:23
B1009026	1.00	1.00	1.00	TT02001-012 #2 5.79GM+ 5ML PFW+IS/SS	9 Oct 2007	15:49
B1009027	1.00	1.00	1.00	TT02001-013 #2 5.45GM+ 5ML PFW+IS/SS	9 Oct 2007	16:16
B1009028	1.00	1.00	1.00	TT02001-014 #2 5.08GM+ 5ML PFW+IS/SS	9 Oct 2007	16:42
B1009029	1.00	1.00	1.00	TT02001-015 #2 4.10GM+ 5ML PFW+IS/SS	9 Oct 2007	17:08
B1009030	1.00	1.00	1.00	TT02001-017 #2 5.50GM+ 5ML PFW+IS/SS	9 Oct 2007	17:34
NR B1009031	1.00	1.00	1.00	TT02001-016DL / NR LH 10/22/07 #3 2.37GM+ 5ML PFW+IS/SS	9 Oct 2007	18:00
B1009032	1.00	1.00	1.00	TT02001-016 #2 5.57GM+ 5ML PFW+IS/SS	9 Oct 2007	18:27
B1009033	1.00	1.00	1.00	TT02001-011MS #4 4.17GM+ 5ML PFW+IS/SS/	9 Oct 2007	18:53
B1009034	1.00	1.00	1.00	TT02001-011MSD #8 5.84GM+ 5ML PFW+IS/SS/	9 Oct 2007	19:20
B1009035	1.00	1.00	1.00	IB100907MVOSB1 5ML PFW+IS/SS(MV-8-42-9)	9 Oct 2007	19:46
B1009036	1.00	1.00	1.00	IB100907MVOSB2 5ML PFW+IS/SS(MV-8-42-9)	9 Oct 2007	20:13
B1009037	1.00	1.00	1.00	IB100907MVOSB3 5ML PFW+IS/SS(MV-8-42-9)	9 Oct 2007	20:40
B1009038	1.00	1.00	1.00	IB100907MVOSB4 5ML PFW+IS/SS(MV-8-42-9)	9 Oct 2007	21:07
B1009039	1.00	1.00	1.00	IB100907MVOSB5 5ML PFW+IS/SS(MV-8-42-9)	9 Oct 2007	21:33
B1009040	1.00	1.00	1.00	IB100907MVOSB6 5ML PFW+IS/SS(MV-8-42-9)	9 Oct 2007	21:59
B1009041	1.00	1.00	1.00	IB100907MVOSB7 5ML PFW+IS/SS(MV-8-42-9)	9 Oct 2007	22:26
B1009042	1.00	1.00	1.00	IB100907MVOSB8 5ML PFW+IS/SS(MV-8-42-9)	9 Oct 2007	22:52
B1009043	1.00	1.00	1.00	IB100907MVOWB9 5ML PFW+IS/SS(MV-8-42-9)	9 Oct 2007	23:17
B1009044	1.00	1.00	1.00	IB100907MVOWB0 5ML PFW+IS/SS(MV-8-42-9)	9 Oct 2007	23:42
B1009045	1.00	1.00	1.00	IB100907MVOWB1 5ML PFW+IS/SS(MV-8-42-9)	10 Oct 2007	00:06

Injection Log Summary Report

Method : X:\MSVOA\BUDDHA\QUANT\B8260S.M (RTE Integrator)
Title : VOA 8260- 5ML Soil Calibration 5973B
Start (Tune) File ID : X:\MSVOA\BUDDHA\101007\B1010001.D
Injection Date : 10 Oct 2007 Log Time Period (hrs) : ALL
Injection Time : 05:44 Total files within period : 49
Sample Directory : X:\MSVOA\BUDDHA\101007\ Operator : LPM

Injection Log Summary Table

File ID	Multiplier I	S	T	Sample Name / Misc Info	Date	Time
B1010002	1.00	1.00	1.00	IB101007MVOSB2 10ML PFW+IS/SS(MV8-42-9)	10 Oct 2007	06:10
B1010003	1.00	1.00	1.00	IB101007MVOSB3 10ML PFW+IS/SS(MV8-42-9)	10 Oct 2007	06:37
B1010004	1.00	1.00	1.00	BFBB1 1ul DIRECT INJECT MV-8-34	10 Oct 2007	06:59
B1010005	1.00	1.00	1.00	VSTD050B1 5ML PFW+STD(MV8-42-18)+IS	10 Oct 2007	07:23
B1010006	1.00	1.00	1.00	VSTD050B2 5ML PFW+STD(MV8-42-18)+IS	10 Oct 2007	07:55
B1010007	1.00	1.00	1.00	S101007MVOSB1 5ML PFW+STD(MV8-43-4)+IS/	10 Oct 2007	08:21
B1010008	1.00	1.00	1.00	IB101007MVOSB1 10ML PFW+IS/SS(MV-8-42-9)	10 Oct 2007	08:49
B1010009	1.00	1.00	1.00	B101007MVOSB1 10ML PFW+IS/SS(MV-8-42-9)	10 Oct 2007	09:16
B1010010	1.00	1.00	1.00	B101007MVOSB2 10ML PFW+IS/SS(MV-8-42-9)	10 Oct 2007	09:43
B1010011	1.00	1.00	1.00	TT02001-010RE #3 4.76G+ 5ML+IS/SS	10 Oct 2007	10:09
B1010012	1.00	1.00	1.00	TT02001-005RE #3 6.15G+ 5ML+IS/SS	10 Oct 2007	10:35
B1010013	1.00	1.00	1.00	TT02001-006RE #3 3.59G+ 5ML+IS/SS	10 Oct 2007	11:02
B1010014	1.00	1.00	1.00	TT02001-008RE #3 5.60G+ 5ML+IS/SS	10 Oct 2007	11:28
B1010015	1.00	1.00	1.00	TT02001-013RE #3 5.97G+ 5ML+IS/SS	10 Oct 2007	11:54
B1010016	1.00	1.00	1.00	TT02001-003DL #1 1.47G+ 5ML+IS/SS	10 Oct 2007	12:20
B1010017	1.00	1.00	1.00	TT02001-014DL #1 0.95G+ 5ML+IS/SS	10 Oct 2007	12:46
B1010018	1.00	1.00	1.00	TT02001-015DL #1 1.19G+ 5ML+IS/SS	10 Oct 2007	13:13
B1010019	1.00	1.00	1.00	TT02001-004DL #3 0.46G+ 5ML+IS/SS	10 Oct 2007	13:39
B1010020	1.00	1.00	1.00	TT02001-001DL #4 0.53G+ 5ML+IS/SS	10 Oct 2007	14:06
B1010021	1.00	1.00	1.00	IB101007MVOWB1 10ML PFW+IS/SS(MV-8-42-9)	10 Oct 2007	14:31
B1010022	1.00	1.00	1.00	IB101007MVOWB2 10ML PFW+IS/SS(MV-8-42-9)	10 Oct 2007	14:56
B1010023	1.00	1.00	1.00	BFBB2 1ul DIRECT INJECT MV-8-34	10 Oct 2007	15:21

DNR 11/8/07

Injection Log Summary Report

Method : X:\MSVOA\BUDDHA\QUANT\B8260S.M (RTE Integrator)
Title : VOA 8260- 5ML Soil Calibration 5973B
Start (Tune) File ID : X:\MSVOA\BUDDHA\101507\B1015001.D
Injection Date : 15 Oct 2007 Log Time Period (hrs) : ALL
Injection Time : 05:39 Total files within period : 34
Sample Directory : X:\MSVOA\BUDDHA\101507\ Operator : LPM

Injection Log Summary Table

File ID	Multiplier I	S	T	Sample Name / Misc Info	Date	Time
B1015002	1.00	1.00	1.00	IB101507MVOSB2 10ML PFW+IS/SS(MV8-42-9)	15 Oct 2007	06:06
B1015003	1.00	1.00	1.00	IB101507MVOSB3 10ML PFW+IS/SS(MV8-42-9)	15 Oct 2007	06:39
B1015004	1.00	1.00	1.00	BFBB1 1ul DIRECT INJECT MV-8-34	15 Oct 2007	07:00
B1015005	1.00	1.00	1.00	VSTD050B1 5ML PFW+STD(MV8-42-18)+IS	15 Oct 2007	07:24
B1015006	1.00	1.00	1.00	VSTD050B2 5ML PFW+STD(MV8-42-18)+IS	15 Oct 2007	07:50
B1015007	1.00	1.00	1.00	BFB/VSTD050B3 5ML PFW+STD(MV8-42-18)+IS	15 Oct 2007	08:21
B10150~1	1.00	1.00	1.00	VSTD050B3 5ML PFW+STD(MV8-42-18)+IS	15 Oct 2007	08:21
B1015008	1.00	1.00	1.00	S101507MVOSB1 5ML PFW+STD(MV8-43-4)+IS/	15 Oct 2007	08:54
B1015009	1.00	1.00	1.00	IB101507MVOSB1 10ML PFW+IS/SS(MV-8-42-9)	15 Oct 2007	09:21
B1015010	1.00	1.00	1.00	B101507MVOSB1 10ML PFW+IS/SS(MV-8-42-9)	15 Oct 2007	09:48
B1015011	1.00	1.00	1.00	B101507MVOSB2 10ML PFW+IS/SS(MV-8-42-9)	15 Oct 2007	10:15
B1015012	1.00	1.00	1.00	B101507MVOSB3 10ML PFW+IS/SS(MV-8-42-9)	15 Oct 2007	11:06
B1015013	1.00	1.00	1.00	NSSDW05-001 #4 5.41G/5ML+IS/SS(MV-8-4	15 Oct 2007	11:32
B1015014	1.00	1.00	1.00	NSSDW05-002 #4 5.88G/5ML+IS/SS(MV-8-4	15 Oct 2007	11:58
B1015015	1.00	1.00	1.00	NSSDW05-003 #4 6.23G/5ML+IS/SS(MV-8-4	15 Oct 2007	12:25
B1015016	1.00	1.00	1.00	NSSDW05-004 #4 4.55G/5ML+IS/SS(MV-8-4	15 Oct 2007	12:51
B1015017	1.00	1.00	1.00	NSSDW05-005 #4 6.17G/5ML+IS/SS(MV-8-4	15 Oct 2007	13:17
B1015018	1.00	1.00	1.00	NSSDW05-006 #4 5.31G/5ML+IS/SS(MV-8-4	15 Oct 2007	13:43
B1015019	1.00	1.00	1.00	NSSDW05-007 #4 5.57G/5ML+IS/SS(MV-8-4	15 Oct 2007	14:09
B1015020	1.00	1.00	1.00	NSSDW05-008 #1 5.17G/5ML+IS/SS(MV-8-4	15 Oct 2007	14:35
B1015021	1.00	1.00	1.00	NSSDW05-009 #1 5.77G/5ML+IS/SS(MV-8-4	15 Oct 2007	15:01
B1015022	1.00	1.00	1.00	NSSDW05-010 #1 5.93G/5ML+IS/SS(MV-8-4	15 Oct 2007	15:28

Injection Log Summary Report

Method : X:\MSVOA\BUDDHA\QUANT\B8260S.M (RTE Integrator)
Title : VOA 8260- 5ML Soil Calibration 5973B
Start (Tune) File ID : X:\MSVOA\BUDDHA\101507\B1015001.D
Injection Date : 15 Oct 2007 Log Time Period (hrs) : ALL
Injection Time : 05:39 Total files within period : 34
Sample Directory : X:\MSVOA\BUDDHA\101507\ Operator : LPM

Injection Log Summary Table

File ID	Multiplier I	S	T	Sample Name Misc Info	Date	Time
B1015023	1.00	1.00	1.00	NSSDW05-011 #2 5.91G/5ML+IS/SS(MV-8-4	15 Oct 2007	15:54
B1015024	1.00	1.00	1.00	NSSDW05-012 #4 6.02G/5ML+IS/SS(MV-8-4	15 Oct 2007	16:20
B1015025	1.00	1.00	1.00	TT02001-014DL2 #4 2.93G/5ML+IS/SS(MV-8-4	15 Oct 2007	16:46
B1015026	1.00	1.00	1.00	TT02001-015DL2 #3 1.47G/5ML+IS/SS(MV-8-4	15 Oct 2007	17:11
B1015027	1.00	1.00	1.00	TT02001-003DL2 #4 2.21G/5ML+IS/SS(MV-8-4	15 Oct 2007	17:37
B1015028	1.00	1.00	1.00	TT02001-001DL2 #3 2.21G/5ML+IS/SS(MV-8-4	15 Oct 2007	18:04
B1015029	1.00	1.00	1.00	TT02001-004DL2 #3 2.43G/5ML+IS/SS(MV-8-4	15 Oct 2007	18:31
B1015030	1.00	1.00	1.00	NSSDW05-001MS #6 5.23G/5ML+IS/SS(MV-8-4	15 Oct 2007	18:57
B1015031	1.00	1.00	1.00	NSSDW05-001MSD #5 5.40G/5ML+MS+IS/SS(MV-	15 Oct 2007	19:24
B1015032	1.00	1.00	1.00	S101507MVOSB2 5ML PFW+STD(MV8-43-4)+IS/	15 Oct 2007	19:50
B1015033	1.00	1.00	1.00	IBLK	15 Oct 2007	20:14
B1015034	1.00	1.00	1.00	IBLK	15 Oct 2007	20:39

Total Solids Summary

Lab Name: Laucks Testing Laboratories

Sample number	Client sample number	Total solids	Total solids (decanted)
NSSD22-008	16-234	90.8	
TT02001-001	08SSW001	78.5	
TT02001-002	08SSW002	82.7	
TT02001-003	08SSW003	82.4	
TT02001-004	08SSW004	85.3	
TT02001-005	08SSW005	83.3	
TT02001-006	08SSW006	81.7	
TT02001-007	08SSW007	73.8	
TT02001-008	08SSW008	79.8	
TT02001-009	08SSW009	85.5	
TT02001-010	08SSW010	86.7	
TT02001-011	08SSW011	84.7	
TT02001-012	08SSW012	82.2	
TT02001-013	08SSW013	79.1	
TT02001-014	08FD10030701	80.4	
TT02001-015	08SSW014	82.9	
TT02001-016	08SSW015	79.6	
TT02001-017	08SSW016	73.7	
TT02001-018	08TB100407		

LAUCKS TESTING LABORATORIES, INC.
STANDARDS LOGBOOK

#	ANALYTE	ID OR STOCK NO.	STOCK CONC.	VOL/WT TAKEN	FINAL VOL.	FINAL CONC.	SOLVENT	PREP. DATE	EXP. DATE
8	BFB	<in-house>	-	-	25 mL	-	Methanol (ck345)	06/19/2006	05/23/2008
I-	bromofluorobenzene	MV-8-33-06	-	0.125 mL	-	-	-	05/23/2006	05/23/2008

Hiding analytes (click here to show analytes)

MV-8-34

FORM LTL-SS-4.0

VOA - 503

LAUCKS TESTING LABORATORIES, INC.
STANDARDS LOGBOOK

#	ANALYTE	ID OR STOCK NO.	STOCK CONC.	VOL/WT TAKEN	FINAL VOL.	FINAL CONC.	SOLVENT	PREP. DATE	EXP. DATE
18	8260 surrogates	<in-house>	-	-	10 mL	-	Methanol (CS723)	06/27/2007	11/30/2007
|-	dibromofluoromethane	MV-8-38-03	-	0.5 mL	-	-	-	03/08/2007	11/30/2007
|-	1,2-dichloroethane-d4	MV-8-35-09	-	0.5 mL	-	-	-	08/10/2006	08/10/2008
|-	toluene-d8	MV-8-39-07	-	0.5 mL	-	-	-	04/30/2007	04/30/2009
|-	bromofluorobenzene	MV-8-39-08	-	0.5 mL	-	-	-	04/30/2007	04/30/2009

Hiding analytes (click here to show analytes)

MV-8-40

FORM LTL-SS-4.0

VOA - 504

LAUCKS TESTING LABORATORIES, INC.
STANDARDS LOGBOOK

#	ANALYTE	ID OR STOCK NO.	STOCK CONC.	VOL/WT TAKEN	FINAL VOL.	FINAL CONC.	SOLVENT	PREP. DATE	EXP. DATE
4	8260/524 ICAL(2nd source) with Oxygenates	<in-house>	-	-	50 mL	-	Water (LTL MSVOA Water)	09/26/2007	12/11/2007
|-	Oxygenates Mix 1	MV-8-42-14	-	50 mL	-	-	-	09/07/2007	08/13/2008
|-	502.2 Mega Mix	MV-8-41-08	-	50 mL	-	-	-	07/16/2007	05/03/2008
|-	1-chlorohexane	MV-8-41-19	-	50 mL	-	-	-	08/20/2007	05/15/2008
|-	TCL Voa Mix#1	MV-8-40-16	-	50 mL	-	-	-	06/12/2007	12/11/2007
|-	VOC Mix#6	MV-8-42-20	-	50 mL	-	-	-	09/20/2007	07/23/2008
|-	carbon disulfide	MV-8-43-03	-	50 mL	-	-	-	09/26/2007	02/16/2008

Hiding analytes (click here to show analytes)

MV-8-43

FORM LTL-SS-4.0

VOA - 505

LAUCKS TESTING LABORATORIES, INC.
STANDARDS LOGBOOK

#	ANALYTE	ID OR STOCK NO.	STOCK CONC.	VOL/WT TAKEN	FINAL VOL.	FINAL CONC.	SOLVENT	PREP. DATE	EXP. DATE
9	8260 IS/SS	<in-house>	-	-	50 mL	-	Methanol (CS723)	08/30/2007	10/16/2008
|-	toluene-d8	MV-8-39-07	-	2.5 mL	-	-	-	04/30/2007	04/30/2009
|-	bromofluorobenzene	MV-8-39-08	-	2.5 mL	-	-	-	04/30/2007	04/30/2009
|-	1,2-dichloroethane-d4	MV-8-41-14	-	2.5 mL	-	-	-	08/14/2007	08/14/2009
|-	1,4-dichlorobenzene-d4	MV-8-42-05	-	2.5 mL	-	-	-	08/22/2007	08/22/2009
|-	dibromofluoromethane	MV-8-42-07	-	2.5 mL	-	-	-	08/30/2007	08/30/2009
|-	chlorobenzene-d5	MV-8-35-20	-	2.5 mL	-	-	-	10/16/2006	10/16/2008
|-	fluorobenzene	MV-8-37-18	-	2.5 mL	-	-	-	02/26/2007	02/26/2009

Hiding analytes (click here to show analytes)

MV-8-42

FORM LTL-SS-4.0

VOA - 506

LAUCKS TESTING LABORATORIES, INC.
STANDARDS LOGBOOK

#	ANALYTE	ID OR STOCK NO.	STOCK CONC.	VOL/WT TAKEN	FINAL VOL.	FINAL CONC.	SOLVENT	PREP. DATE	EXP. DATE
18	8260/524 ICAL (AP9) with Oxygenates	<in-house>	-	-	50 mL	-	Water (LTL MSVOA Water)	09/17/2007	03/01/2008
|-	Acrolein & Acrylonitrile	MV-8-41-13	-	50 mL	-	-	-	08/08/2007	06/04/2008
|-	Crescent Ketones	MV-8-42-17	-	50 mL	-	-	-	09/17/2007	06/01/2008
|-	Crescent Gases	MV-8-42-16	-	50 mL	-	-	-	09/13/2007	07/05/2008
|-	VOA200 Stock	MV-8-42-03	-	50 mL	-	-	-	08/21/2007	03/10/2008

Hiding analytes (click here to show analytes)

MV-8-42

FORM LTL-SS-4.0

VOA - 507

APPENDIX D

Waste Disposal Records

002845108JJK

#125

Please print or type. (Form designed for use on elite (12-pitch) typewriter.)

Form Approved. OMB No. 2050-0039

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator ID Number: IN5 170 023 498
2. Page 1 of 1
3. Emergency Response Phone: (317) 431-8152
4. Manifest Tracking Number: 002845108 JJK

5. Generator's Name and Mailing Address: NAVAL SURFACE WARFARE CENTE
C/O CRANE NAVAL FACILITY
300 HWY. 361, CODE 0592.M, BLDG 3260
CRANE, IN 47522-5001
Generator's Phone: (812) 854-4177 (860 742)

Generator's Site Address (if different than mailing address): 300 HWY. 361, CRANE, IN 47522

6. Transporter 1 Company Name: ~~BEELMAN TRUCKING CO.~~ Gardner Transport ~~(800) 540-5910~~
U.S. EPA ID Number: ~~ILR 000 135 238~~ INR000018160

7. Transporter 2 Company Name: ( ) -
U.S. EPA ID Number:

8. Designated Facility Name and Site Address: MICHIGAN DISPOSAL WASTE TREATMENT P
49350 N I-94 SERVICE DRIVE
BELLEVILLE, MI 48111
Facility's Phone: (800) 592-5489
U.S. EPA ID Number: MID 000 724 831

9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers No	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes		
X	1. RQ, HAZARDOUS WASTE, SOLID, N.O.S. (1,1 Dichloroethane, 1,1,1 Trichloroethane), 9, NA3077, PGIII	001	DT	34740	P	D043	F001	
	2.							
	3.							
	4.							

14. Special Handling Instructions and Additional Information
1. I07158MDT / Contaminated Soil / ERG #171

15. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent.
I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.

Generator's/Offeror's Printed/Typed Name: Thomas J. Brent
Signature: Thomas J. Brent
Month Day Year: 10 05 07

16. International Shipments: ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter signature (for exports only): Date leaving U.S.:

17. Transporter Acknowledgment of Receipt of Materials
Transporter 1 Printed/Typed Name: CHARLIE GARDNER L. Hughes II
Signature: Charlie Gardner
Month Day Year: 10 15 07
Transporter 2 Printed/Typed Name:
Signature:
Month Day Year:

18. Discrepancy
18a. Discrepancy Indication Space: ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection
Manifest Reference Number:

18b. Alternate Facility (or Generator)
U.S. EPA ID Number:
Facility's Phone:

18c. Signature of Alternate Facility (or Generator)
Month Day Year

19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)
1. H075 2. 3. 4.

20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a
Printed/Typed Name: Ryan Rushman
Signature: Ryan Rushman
Month Day Year: 10 15 07

GENERATOR / INTL / TRANSPORTER / DESIGNATED FACILITY

EPA Form 8700-22 (Rev. 3/05) Previous editions are obsolete.

DESIGNATED FACILITY TO DESTINATION STATE (IF REQUIRED)

CERTIFICATE OF DISPOSAL

0028451 08JJK

This certificate is to verify the wastes specified on Manifest # 0028451 08JJK

have been properly disposed of in accordance with all local, state and federal regulations.

"Disposed of" means either: 1) Burial or 2) Processed as specified in 40 CFR et sea.

FACILITY NAME: *(Please check one)*

☑ Michigan Disposal Waste Treatment Plant (EPA I.D. # MID000724831)

☐ Wayne Disposal, Inc. (EPA I.D. # MID048090633)

ADDRESS: 49350 N. I-94 Service Drive
Belleville, Michigan 48111

PHONE NUMBER: 1-800-592-5489

FAX NUMBER: 1-800-593-5329

Authorized Signature:

002845110JJK

Truck #678

Please print or type. (Form designed for use on elite (12-pitch) typewriter.)

Form Approved. OMB No. 2050-0039

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator ID Number: IN5 170 023 498
2. Page 1 of 1
3. Emergency Response Phone: (317) 431-6152
4. Manifest Tracking Number: 002845110 JJK

5. Generator's Name and Mailing Address: NAVAL SURFACE WARFARE CENT
C/O CRANE NAVAL FACILITY
300 HWY. 361, CODE 0592JM, BLDG 3260
CRANE, IN 47522-5001
Generator's Phone: (812) 854-~~4177~~ 6160

Generator's Site Address (if different than mailing address):
300 HWY. 361
CRANE, IN 47522

6. Transporter 1 Company Name: BEELMAN TRUCKING CO. (800) 540-5916
U.S. EPA ID Number: ILR 000 135 238

7. Transporter 2 Company Name: ( ) -
U.S. EPA ID Number:

8. Designated Facility Name and Site Address: MICHIGAN DISPOSAL WASTE TREATMENT P
49350 N I-94 SERVICE DRIVE
BELLEVILLE, MI 48111
Facility's Phone: (800) 592-5489
U.S. EPA ID Number: MID 000 724 831

9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes		
X	1. RQ, HAZARDOUS WASTE, SOLID, N.O.S. (1,1 Dichloroethane, 1,1,1 Trichloroethane), 9, NA3077, PGIII	001	DT	48580	P	D043	F001	
	2.							
	3.							
	4.							

14. Special Handling Instructions and Additional Information
1. I0741 [illegible] / Contaminated Soil / ERG #171

15. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent.
I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.

Generator's/Offeror's Printed/Typed Name: Thomas J. Brent
Signature: Thomas J. Brent
Month 10 Day 18 Year 07

16. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter signature (for exports only): Date leaving U.S.:

17. Transporter Acknowledgment of Receipt of Materials
Transporter 1 Printed/Typed Name: JAMES KINNEY 628-3816
Signature: James Kinney
Month 10 Day 18 Year 07
Transporter 2 Printed/Typed Name:
Signature:
Month Day Year

18. Discrepancy
18a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection
Manifest Reference Number:

18b. Alternate Facility (or Generator)
U.S. EPA ID Number
Facility's Phone:

18c. Signature of Alternate Facility (or Generator)
Month Day Year

19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)
1. H075 2. 3. 4.

20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a
Printed/Typed Name: Larry [illegible]
Signature:
Month 10 Day 18 Year 07

GENERATOR — TRANSPORTER — DESIGNATED FACILITY

EPA Form 8700-22 (Rev. 3-05) Previous editions are obsolete.

DESIGNATED FACILITY TO DESTINATION STATE (IF REQUIRED)

CERTIFICATE OF DISPOSAL

This certificate is to verify the wastes specified on Manifest # 002845110 JJK

have been properly disposed of in accordance with all local, state and federal regulations.

"Disposed of" means either: 1) Burial or 2) Processed as specified in 40 CFR et sea.

FACILITY NAME: *(Please check one)*

☑ Michigan Disposal Waste Treatment Plant (EPA I.D. # MID000724831)

☐ Wayne Disposal, Inc. (EPA I.D. # MID048090633)

ADDRESS: 49350 N. I-94 Service Drive
Belleville, Michigan 48111

PHONE NUMBER: 1-800-592-5489

FAX NUMBER: 1-800-593-5329

Authorized Signature: _____

THE ENVIRONMENTAL QUALITY COMPANY 49350 N. I-94 SERVICE DRIVE BELLEVILLE MICHIGAN 48111

FORM 1020 (3/96)

002845110JJK

002845109JJK

Truck 616

616-71,960

Please print or type. (Form designed for use on elite (12-pitch) typewriter.)

Form Approved. OMB No. 2050-0039

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator ID Number: IN5 170 023 498
2. Page 1 of: 1
3. Emergency Response Phone: (317) 431-6152
4. Manifest Tracking Number: 002845109 JJK

5. Generator's Name and Mailing Address: NAVAL SURFACE WARFARE CENTE
C/O CRANE NAVAL FACILITY
300 HWY. 361, CODE 0592JM, BLDG 3260
CRANE, IN 47522-5001
Generator's Phone: (812) 854-6160

Generator's Site Address (if different than mailing address):
300 HWY. 361
CRANE, IN 47522

6. Transporter 1 Company Name: BEELMAN TRUCKING CO. (800) 540-5918
U.S. EPA ID Number: ILR 000 135 238

7. Transporter 2 Company Name: ( ) -
U.S. EPA ID Number:

8. Designated Facility Name and Site Address: MICHIGAN DISPOSAL WASTE TREATMENT P
49350 N I-94 SERVICE DRIVE
BELLEVILLE, MI 48111
Facility's Phone: (800) 592-5489
U.S. EPA ID Number: MID 000 724 831

9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes		
X	1. RQ, HAZARDOUS WASTE, SOLID, N.O.S. (1,1 Dichloroethane, 1,1,1 Trichloroethane), 9, NA3077, PG III	001	DT	48640	P	D043	F001	
	2.							
	3.							
	4.							

14. Special Handling Instructions and Additional Information
1. I074189MDI / Contaminated Soil / ERG #171

15. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent.
I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.

Generator's/Offeror's Printed/Typed Name: Thomas J. Brent
Signature: Thomas J. Brent
Month Day Year: 10 18 07

16. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter signature (for exports only): Date leaving U.S.:

17. Transporter Acknowledgment of Receipt of Materials
Transporter 1 Printed/Typed Name: RICHARD LAUNER
Signature: 616399
Month Day Year: 10 18 07
Transporter 2 Printed/Typed Name:
Signature:
Month Day Year:

18. Discrepancy
18a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection
Manifest Reference Number:

18b. Alternate Facility (or Generator)
U.S. EPA ID Number:
Facility's Phone:

18c. Signature of Alternate Facility (or Generator)
Month Day Year:

19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)
1. H075
2.
3.
4.

20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a
Printed/Typed Name: Larry Ulloy
Signature:
Month Day Year: 10 18 07

GENERATOR | INT'L | TRANSPORTER | DESIGNATED FACILITY

EPA Form 8700-22 (Rev. 3-05) Previous editions are obsolete.

DESIGNATED FACILITY TO DESTINATION STATE (IF REQUIRED)

CERTIFICATE OF DISPOSAL

002845109JJK

This certificate is to verify the wastes specified on Manifest # 002845109 JJK

have been properly disposed of in accordance with all local, state and federal regulations.

"Disposed of" means either: 1) Burial or 2) Processed as specified in 40 CFR et sea.

FACILITY NAME: *(Please check one)*

☑ Michigan Disposal Waste Treatment Plant (EPA I.D. # MID000724831)

☐ Wayne Disposal, Inc. (EPA I.D. # MID048090633)

ADDRESS: 49350 N. I-94 Service Drive
Belleville, Michigan 48111

PHONE NUMBER: 1-800-592-5489

FAX NUMBER: 1-800-593-5329

Authorized Signature: _____

002845112JJK

Truck #318

60 550

Please print or type. (Form designed for use on elite (12-pitch) typewriter.)

Form Approved. OMB No. 2050-0039

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator ID Number: IN5 170 023 498
2. Page 1 of 1
3. Emergency Response Phone: (317) 431-0152
4. Manifest Tracking Number: 002845112 JJK

5. Generator's Name and Mailing Address: NAVAL SURFACE WARFARE CENT
C/O CRANE NAVAL FACILITY
300 HWY. 361, CODE 0592JM, BLDG 3280
CRANE, IN 47522-5001
Generator's Phone: (812) 854-4171 6140 240

Generator's Site Address (if different than mailing address):
300 HWY. 361
CRANE, IN 47522

6. Transporter 1 Company Name: BEELMAN TRUCKING CO. (800) 540-5918
U.S. EPA ID Number: ILR 000 138 238

7. Transporter 2 Company Name: ( ) -
U.S. EPA ID Number:

8. Designated Facility Name and Site Address: MICHIGAN DISPOSAL WASTE TREATMENT P
49350 N I-94 SERVICE DRIVE
BELLEVILLE, MI 48111
Facility's Phone: (800) 592-5489
U.S. EPA ID Number: MID 000 724 831

9a. HM	9b. U.S. DOT Description (Including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes		
X	1. RQ, HAZARDOUS WASTE, SOLID, N.O.S. (1,1 Dichloroethane, 1,1,1 Trichloroethane), 9, NA3077, PG III	001	DT	49280	P	D043	F001	
	2.							
	3.							
	4.							

14. Special Handling Instructions and Additional Information
1. 107418MDT / Contaminated Soil / ERG #171

15. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent.
I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.

Generator's/Offeror's Printed/Typed Name: Thomas J. Brentz
Signature: Thomas J. Brentz
Month 10 Day 18 Year 07

16. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter signature (for exports only): Date leaving U.S.:

17. Transporter Acknowledgment of Receipt of Materials
Transporter 1 Printed/Typed Name: Kurt Netemayer
Signature: Kurt Netemayer
Month 10 Day 18 Year 07
Transporter 2 Printed/Typed Name:
Signature:
Month Day Year

18. Discrepancy
18a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection
Manifest Reference Number:

18b. Alternate Facility (or Generator)
U.S. EPA ID Number:
Facility's Phone:

18c. Signature of Alternate Facility (or Generator)
Month Day Year

19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)
1. H075 2. 3. 4.

20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a
Printed/Typed Name: Larry Lewy
Signature:
Month 10 Day 18 Year 07

EPA Form 8700-22 (Rev. 3-05) Previous editions are obsolete.

DESIGNATED FACILITY TO DESTINATION STATE (IF REQUIRED)

CERTIFICATE OF DISPOSAL

002845112JJK

This certificate is to verify the wastes specified on Manifest # 002845112JJK

have been properly disposed of in accordance with all local, state and federal regulations.

"Disposed of" means either: 1) Burial or 2) Processed as specified in 40 CFR et sea.

FACILITY NAME: *(Please check one)*

☑ Michigan Disposal Waste Treatment Plant (EPA I.D. # MID000724831)

☐ Wayne Disposal, Inc. (EPA I.D. # MID048090633)

ADDRESS: 49350 N. I-94 Service Drive
Belleville, Michigan 48111

PHONE NUMBER: 1-800-592-5489

FAX NUMBER: 1-800-593-5329

Authorized Signature: _____

THE ENVIRONMENTAL QUALITY COMPANY 49350 N. I-94 SERVICE DRIVE BELLEVILLE MICHIGAN 48111

FORM 1020 (3/96)

002845111JJK

Truck # 502

Please print or type. (Form designed for use on elite (12-pitch) typewriter.) Form Approved. OMB No. 2050-0039

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator ID Number: IN5 170 023 498
2. Page 1 of 1
3. Emergency Response Phone: (317) 431-6152
4. Manifest Tracking Number: 002845111 JJK

5. Generator's Name and Mailing Address: NAVAL SURFACE WARFARE CENTE
C/O CRANE NAVAL FACILITY
300 HWY. 361, CODE 0592JM, BLDG 3260
CRANE, IN 47522-5001
Generator's Phone: (812) 854-6177 616074

Generator's Site Address (if different than mailing address):
300 HWY. 361
CRANE, IN 47522

6. Transporter 1 Company Name: BEELMAN TRUCKING CO. (800) 540-5918
U.S. EPA ID Number: ILR 000 135 236

7. Transporter 2 Company Name: ( ) -
U.S. EPA ID Number:

8. Designated Facility Name and Site Address: MICHIGAN DISPOSAL WASTE TREATMENT P
49350 N I-94 SERVICE DRIVE
BELLEVILLE, MI 48111
Facility's Phone: (800) 592-5489
U.S. EPA ID Number: MID 000 724 831

9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes		
X	1. RQ, HAZARDOUS WASTE, SOLID, N.O.S. (1,1 Dichloroethane, 1,1,1 Trichloroethane), 9, NA3077, PG III	001	DT	46300	P	D043	F001	
	2.							
	3.							
	4.							

14. Special Handling Instructions and Additional Information
1. 074169MDI / Contaminated Soil / ERG #171

15. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent.
I certify that the waste minimization statement identified in 49 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.

Generator's/Offeror's Printed/Typed Name: Thomas J. Brein
Signature: Thomas J. Brein
Month 10 Day 18 Year 07

16. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter signature (for exports only): Date leaving U.S.:

17. Transporter Acknowledgment of Receipt of Materials
Transporter 1 Printed/Typed Name: Jeff Combs
Signature: Jeff Combs
Month 10 Day 18 Year 07
Transporter 2 Printed/Typed Name:
Signature:
Month Day Year

18. Discrepancy
18a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection
Manifest Reference Number:

18b. Alternate Facility (or Generator)
U.S. EPA ID Number:
Facility's Phone:

18c. Signature of Alternate Facility (or Generator)
Month Day Year

19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)
1. H075 2. 3. 4.

20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a
Printed/Typed Name: Larry Lehay
Signature:
Month 10 Day 18 Year 07

GENERATOR | INT'L | TRANSPORTER | DESIGNATED FACILITY

EPA Form 8700-22 (Rev. 3-05) Previous editions are obsolete.

DESIGNATED FACILITY TO DESTINATION STATE (IF REQUIRED)

CERTIFICATE OF DISPOSAL

This certificate is to verify the wastes specified on Manifest # 002845111 JJK

have been properly disposed of in accordance with all local, state and federal regulations.

"Disposed of" means either: 1) Burial or 2) Processed as specified in 40 CFR et sea.

FACILITY NAME: *(Please check one)*

☑ Michigan Disposal Waste Treatment Plant (EPA I.D. # MID000724831)

☐ Wayne Disposal, Inc. (EPA I.D. # MID048090633)

ADDRESS: 49350 N. I-94 Service Drive
Belleville, Michigan 48111

PHONE NUMBER: 1-800-592-5489

FAX NUMBER: 1-800-593-5329

Authorized Signature:

THE ENVIRONMENTAL QUALITY COMPANY 49350 N. I-94 SERVICE DRIVE BELLEVILLE MICHIGAN 48111

FORM 1020 (3/96)

002845111JJK

APPENDIX E

Photographs from Remedial Action

SWMU 8, Building 106 Pond
Photographs from Remedial Action

1) Brush Removal

2) Removal of Brush and Dewatering

3) Demo of Building 2961

4) Demo of Building 2961

5) Demo of Building 2961

6) Delivery of Frac Tanks

7) SW Corner of Pond

8) Dewatering Pump at East End

SWMU 8, Building 106 Pond
Photographs from Remedial Action

9) View of Dewatering Looking South

10) Frac Tank with Containment Behind Excavator

11) Dewatering Pump

12) Review of Airstripper Prior to Placement

13) NE Corner Prior to Excavation

14) Pond 106 Excavation SE Corner

15) Pond 106 Excavation

16) Excavation of SE Corner

SWMU 8, Building 106 Pond
Photographs from Remedial Action

17) NE Corner Showing Discoloration

18) Additional Excavation

19) Additional Excavation

APPENDIX C

FIXED-BASE LABORATORY ANALYTICAL RESULTS FOR WASTE CHARACTERIZATION SAMPLES COLLECTED JULY 23, 2007 (TETRA TECH)

Laucks Testing Laboratories
Preliminary Results
Printed on: 7/26/2007

Method: Purgeable Organic Compounds by GC/MS (8260B)

Client::	Tetra Tech NUS, Inc.	Project:	NSWC Crane VOA
Sample ID:	08SB01072307	Lab sample ID:	VOA01-001
Date/time collected:	07/23/2007 08:38	Date/time received:	07/24/2007 09:00
Date/time prepared:	07/25/2007 08:41	SDG Number:	VOA01 Run Sequence ID: R019935

Preliminary Results

Analyte	DF	Result	Units	Date/time analyzed
Xylenes, Total	1	840	ug/kg	07/25/2007 16:23
Dichlorodifluoromethane	1	120 U		
Chloromethane	1	120 U		
Vinyl chloride	1	120 U		
Bromomethane	1	120 U		
Chloroethane	1	190		
Trichlorofluoromethane	1	120 U		
1,1-Dichloroethene	1	4600		
Acrolein	1	590 U		
Acetone	1	360 J		
Iodomethane	1	590 U		
Carbon disulfide	1	120 U		
Allyl chloride	1	590 U		
Methylene chloride	1	120 U		
Methyl tert-butyl ether	1	120 U		
trans-1,2-Dichloroethene	1	280		
Acrylonitrile	1	590 U		
Vinyl acetate	1	590 U		
1,1-Dichloroethane	1	25000 E		
Chloroprene	1	590 U		
cis-1,2-Dichloroethene	1	350000 E		
2-Butanone	1	590 U		
Methacrylonitrile	1	1200 U		

Laucks does not certify that these results meet NELAC Standards because all NELAC required elements are not included in the facsimile. Pease refer to the full report to review all NELAC required elements.

The information contained in or attached to this FAX message is intended only for the confidential use of the individual(s) named on the cover sheet. If you are not the named recipient, or an agent responsible for delivering it to the named recipient, you are hereby notified that you have received this document in error, and that review, dissemination, or copying of this communication is prohibited. If you have received this communication in error, please notify us immediately by telephone at 206-767-5060, and return the original documents to us by mail at the address listed on the cover sheet.

Laucks Testing Laboratories
Preliminary Results
Printed on: 7/26/2007

Method: Purgeable Organic Compounds by GC/MS (8260B)

Client::	Tetra Tech NUS, Inc.	Project:	NSWC Crane VOA
Sample ID:	08SB01072307	Lab sample ID:	VOA01-001
Date/time collected:	07/23/2007 08:38	Date/time received:	07/24/2007 09:00
Date/time prepared:	07/25/2007 08:41	SDG Number:	VOA01 Run Sequence ID: R019935

Preliminary Results

Analyte	DF	Result	Units	Date/time analyzed
Chloroform	1	120 U	ug/kg	07/25/2007 16:23
1,1,1-Trichloroethane	1	370000 E		
Carbon tetrachloride	1	120 U		
Methyl methacrylate	1	590 U		
Benzene	1	120 U		
1,2-Dichloroethane	1	120 U		
Trichloroethene	1	2000		
1,2-Dichloropropane	1	120 U		
Dibromomethane	1	120 U		
Bromodichloromethane	1	120 U		
cis-1,3-Dichloropropene	1	120 U		
4-Methyl-2-pentanone	1	590 U		
Toluene	1	4200		
Ethyl methacrylate	1	590 U		
trans-1,3-Dichloropropene	1	120 U		
1,1,2-Trichloroethane	1	120 U		
Tetrachloroethene	1	310		
2-Hexanone	1	590 U		
Dibromochloromethane	1	120 U		
1,2-Dibromoethane	1	120 U		
Chlorobenzene	1	120 U		
Ethylbenzene	1	160		
1,1,1,2-Tetrachloroethane	1	120 U		

Laucks does not certify that these results meet NELAC Standards because all NELAC required elements are not included in the facsimile. Pease refer to the full report to review all NELAC required elements.

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Laucks Testing Laboratories
Preliminary Results
Printed on: 7/26/2007

Method: Purgeable Organic Compounds by GC/MS (8260B)

Client::	Tetra Tech NUS, Inc.	Project:	NSWC Crane VOA	
Sample ID:	08SB01072307	Lab sample ID:	VOA01-001	
Date/time collected:	07/23/2007 08:38	Date/time received:	07/24/2007 09:00	
Date/time prepared:	07/25/2007 08:41	SDG Number:	VOA01	Run Sequence ID: R019935

Preliminary Results

Analyte	DF	Result	Units	Date/time analyzed
Styrene	1	120 U	ug/kg	07/25/2007 16:23
Bromoform	1	120 U		
1,1,2,2-Tetrachloroethane	1	120 U		
trans-1,4-Dichloro-2-butene	1	590 U		
1,2,3-Trichloropropane	1	120 U		
1,2-Dibromo-3-chloropropane	1	120 U		
Dibromofluoromethane	1	112.7	%	
1,2-Dichloroethane-d4	1	101.7		
Toluene-d8	1	96.2		
4-Bromofluorobenzene	1	100.7		

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Laucks Testing Laboratories
Preliminary Results
Printed on: 7/26/2007

Method: Purgeable Organic Compounds by GC/MS (8260B)

Client::	Tetra Tech NUS, Inc.	Project:	NSWC Crane VOA
Sample ID:	08SB01072307-DL	Lab sample ID:	VOA01-001DL
Date/time collected:	07/23/2007 08:38	Date/time received:	07/24/2007 09:00
Date/time prepared:	07/25/2007 08:41	SDG Number:	VOA01 Run Sequence ID: R019935

Preliminary Results

Analyte	DF	Result	Units	Date/time analyzed
Xylenes, Total	50	5900 U	ug/kg	07/25/2007 18:33
Dichlorodifluoromethane	50	5900 U		
Chloromethane	50	5900 U		
Vinyl chloride	50	5900 U		
Bromomethane	50	5900 U		
Chloroethane	50	5900 U		
Trichlorofluoromethane	50	5900 U		
1,1-Dichloroethene	50	5900 U		
Acrolein	50	29000 U		
Acetone	50	29000 U		
Iodomethane	50	29000 U		
Carbon disulfide	50	5900 U		
Allyl chloride	50	29000 U		
Methylene chloride	50	5900 U		
Methyl tert-butyl ether	50	5900 U		
trans-1,2-Dichloroethene	50	5900 U		
Acrylonitrile	50	29000 U		
Vinyl acetate	50	29000 U		
1,1-Dichloroethane	50	21000		
Chloroprene	50	29000 U		
cis-1,2-Dichloroethene	50	290000		
2-Butanone	50	29000 U		
Methacrylonitrile	50	59000 U		

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Laucks Testing Laboratories
Preliminary Results
Printed on: 7/26/2007

Method: Purgeable Organic Compounds by GC/MS (8260B)

Client::	Tetra Tech NUS, Inc.	Project:	NSWC Crane VOA
Sample ID:	08SB01072307-DL	Lab sample ID:	VOA01-001DL
Date/time collected:	07/23/2007 08:38	Date/time received:	07/24/2007 09:00
Date/time prepared:	07/25/2007 08:41	SDG Number:	VOA01 Run Sequence ID: R019935

Preliminary Results

Analyte	DF	Result	Units	Date/time analyzed
Chloroform	50	5900 U	ug/kg	07/25/2007 18:33
1,1,1-Trichloroethane	50	270000		
Carbon tetrachloride	50	5900 U		
Methyl methacrylate	50	29000 U		
Benzene	50	5900 U		
1,2-Dichloroethane	50	5900 U		
Trichloroethene	50	5900 U		
1,2-Dichloropropane	50	5900 U		
Dibromomethane	50	5900 U		
Bromodichloromethane	50	5900 U		
cis-1,3-Dichloropropene	50	5900 U		
4-Methyl-2-pentanone	50	29000 U		
Toluene	50	3600 J		
Ethyl methacrylate	50	29000 U		
trans-1,3-Dichloropropene	50	5900 U		
1,1,2-Trichloroethane	50	5900 U		
Tetrachloroethene	50	5900 U		
2-Hexanone	50	29000 U		
Dibromochloromethane	50	5900 U		
1,2-Dibromoethane	50	5900 U		
Chlorobenzene	50	5900 U		
Ethylbenzene	50	5900 U		
1,1,1,2-Tetrachloroethane	50	5900 U		

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Laucks Testing Laboratories
Preliminary Results
Printed on: 7/26/2007

Method: Purgeable Organic Compounds by GC/MS (8260B)

Client::	Tetra Tech NUS, Inc.	Project:	NSWC Crane VOA
Sample ID:	08SB01072307-DL	Lab sample ID:	VOA01-001DL
Date/time collected:	07/23/2007 08:38	Date/time received:	07/24/2007 09:00
Date/time prepared:	07/25/2007 08:41	SDG Number:	VOA01 Run Sequence ID: R019935

Preliminary Results

Analyte	DF	Result	Units	Date/time analyzed
Styrene	50	5900 U	ug/kg	07/25/2007 18:33
Bromoform	50	5900 U		
1,1,2,2-Tetrachloroethane	50	5900 U		
trans-1,4-Dichloro-2-butene	50	29000 U		
1,2,3-Trichloropropane	50	5900 U		
1,2-Dibromo-3-chloropropane	50	5900 U		
Dibromofluoromethane	50	102.5	%	
1,2-Dichloroethane-d4	50	99.7		
Toluene-d8	50	97.8		
4-Bromofluorobenzene	50	99.7		

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Laucks Testing Laboratories
Preliminary Results
Printed on: 7/26/2007

Method: Purgeable Organic Compounds by GC/MS (8260B)

Client::	Tetra Tech NUS, Inc.	Project:	NSWC Crane VOA
Sample ID:	08SB02072307	Lab sample ID:	VOA01-002
Date/time collected:	07/23/2007 09:41	Date/time received:	07/24/2007 09:00
Date/time prepared:	07/25/2007 08:41	SDG Number:	VOA01 Run Sequence ID: R019935

Preliminary Results

Analyte	DF	Result	Units	Date/time analyzed
Xylenes, Total	1	550	ug/kg	07/25/2007 16:48
Dichlorodifluoromethane	1	130 U		
Chloromethane	1	130 U		
Vinyl chloride	1	130 U		
Bromomethane	1	130 U		
Chloroethane	1	150		
Trichlorofluoromethane	1	130 U		
1,1-Dichloroethene	1	3900		
Acrolein	1	660 U		
Acetone	1	190 J		
Iodomethane	1	660 U		
Carbon disulfide	1	130 U		
Allyl chloride	1	660 U		
Methylene chloride	1	130 U		
Methyl tert-butyl ether	1	130 U		
trans-1,2-Dichloroethene	1	240		
Acrylonitrile	1	660 U		
Vinyl acetate	1	660 U		
1,1-Dichloroethane	1	21000		
Chloroprene	1	660 U		
cis-1,2-Dichloroethene	1	240000 E		
2-Butanone	1	660 U		
Methacrylonitrile	1	1300 U		

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Laucks Testing Laboratories
Preliminary Results
Printed on: 7/26/2007

Method: Purgeable Organic Compounds by GC/MS (8260B)

Client::	Tetra Tech NUS, Inc.	Project:	NSWC Crane VOA
Sample ID:	08SB02072307	Lab sample ID:	VOA01-002
Date/time collected:	07/23/2007 09:41	Date/time received:	07/24/2007 09:00
Date/time prepared:	07/25/2007 08:41	SDG Number:	VOA01 Run Sequence ID: R019935

Preliminary Results

Analyte	DF	Result	Units	Date/time analyzed
Chloroform	1	130 U	ug/kg	07/25/2007 16:48
1,1,1-Trichloroethane	1	340000 E		
Carbon tetrachloride	1	130 U		
Methyl methacrylate	1	660 U		
Benzene	1	130 U		
1,2-Dichloroethane	1	130 U		
Trichloroethene	1	3700		
1,2-Dichloropropane	1	130 U		
Dibromomethane	1	130 U		
Bromodichloromethane	1	130 U		
cis-1,3-Dichloropropene	1	130 U		
4-Methyl-2-pentanone	1	660 U		
Toluene	1	3500		
Ethyl methacrylate	1	660 U		
trans-1,3-Dichloropropene	1	130 U		
1,1,2-Trichloroethane	1	130 U		
Tetrachloroethene	1	380		
2-Hexanone	1	660 U		
Dibromochloromethane	1	130 U		
1,2-Dibromoethane	1	130 U		
Chlorobenzene	1	130 U		
Ethylbenzene	1	110 J		
1,1,1,2-Tetrachloroethane	1	130 U		

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Laucks Testing Laboratories
Preliminary Results
Printed on: 7/26/2007

Method: Purgeable Organic Compounds by GC/MS (8260B)

Client::	Tetra Tech NUS, Inc.	Project:	NSWC Crane VOA
Sample ID:	08SB02072307	Lab sample ID:	VOA01-002
Date/time collected:	07/23/2007 09:41	Date/time received:	07/24/2007 09:00
Date/time prepared:	07/25/2007 08:41	SDG Number:	VOA01 Run Sequence ID: R019935

Preliminary Results

Analyte	DF	Result	Units	Date/time analyzed
Styrene	1	130 U	ug/kg	07/25/2007 16:48
Bromoform	1	130 U		
1,1,2,2-Tetrachloroethane	1	130 U		
trans-1,4-Dichloro-2-butene	1	660 U		
1,2,3-Trichloropropane	1	130 U		
1,2-Dibromo-3-chloropropane	1	130 U		
Dibromofluoromethane	1	110.8	%	
1,2-Dichloroethane-d4	1	101.6		
Toluene-d8	1	96.8		
4-Bromofluorobenzene	1	101		

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Laucks Testing Laboratories
Preliminary Results
Printed on: 7/26/2007

Method: Purgeable Organic Compounds by GC/MS (8260B)

Client::	Tetra Tech NUS, Inc.	Project:	NSWC Crane VOA
Sample ID:	08SB02072307-DL	Lab sample ID:	VOA01-002DL
Date/time collected:	07/23/2007 09:41	Date/time received:	07/24/2007 09:00
Date/time prepared:	07/25/2007 08:41	SDG Number:	VOA01 Run Sequence ID: R019935

Preliminary Results

Analyte	DF	Result	Units	Date/time analyzed
Xylenes, Total	50	6600 U	ug/kg	07/25/2007 18:58
Dichlorodifluoromethane	50	6600 U		
Chloromethane	50	6600 U		
Vinyl chloride	50	6600 U		
Bromomethane	50	6600 U		
Chloroethane	50	6600 U		
Trichlorofluoromethane	50	6600 U		
1,1-Dichloroethene	50	6600 U		
Acrolein	50	33000 U		
Acetone	50	33000 U		
Iodomethane	50	33000 U		
Carbon disulfide	50	6600 U		
Allyl chloride	50	33000 U		
Methylene chloride	50	6600 U		
Methyl tert-butyl ether	50	6600 U		
trans-1,2-Dichloroethene	50	6600 U		
Acrylonitrile	50	33000 U		
Vinyl acetate	50	33000 U		
1,1-Dichloroethane	50	18000		
Chloroprene	50	33000 U		
cis-1,2-Dichloroethene	50	200000		
2-Butanone	50	33000 U		
Methacrylonitrile	50	66000 U		

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Laucks Testing Laboratories
Preliminary Results
Printed on: 7/26/2007

Method: Purgeable Organic Compounds by GC/MS (8260B)

Client::	Tetra Tech NUS, Inc.	Project:	NSWC Crane VOA
Sample ID:	08SB02072307-DL	Lab sample ID:	VOA01-002DL
Date/time collected:	07/23/2007 09:41	Date/time received:	07/24/2007 09:00
Date/time prepared:	07/25/2007 08:41	SDG Number:	VOA01 Run Sequence ID: R019935

Preliminary Results

Analyte	DF	Result	Units	Date/time analyzed
Chloroform	50	6600 U	ug/kg	07/25/2007 18:58
1,1,1-Trichloroethane	50	260000		
Carbon tetrachloride	50	6600 U		
Methyl methacrylate	50	33000 U		
Benzene	50	6600 U		
1,2-Dichloroethane	50	6600 U		
Trichloroethene	50	6600 U		
1,2-Dichloropropane	50	6600 U		
Dibromomethane	50	6600 U		
Bromodichloromethane	50	6600 U		
cis-1,3-Dichloropropene	50	6600 U		
4-Methyl-2-pentanone	50	33000 U		
Toluene	50	6600 U		
Ethyl methacrylate	50	33000 U		
trans-1,3-Dichloropropene	50	6600 U		
1,1,2-Trichloroethane	50	6600 U		
Tetrachloroethene	50	6600 U		
2-Hexanone	50	33000 U		
Dibromochloromethane	50	6600 U		
1,2-Dibromoethane	50	6600 U		
Chlorobenzene	50	6600 U		
Ethylbenzene	50	6600 U		
1,1,1,2-Tetrachloroethane	50	6600 U		

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Laucks Testing Laboratories
Preliminary Results
Printed on: 7/26/2007

Method: Purgeable Organic Compounds by GC/MS (8260B)

Client::	Tetra Tech NUS, Inc.	Project:	NSWC Crane VOA
Sample ID:	08SB02072307-DL	Lab sample ID:	VOA01-002DL
Date/time collected:	07/23/2007 09:41	Date/time received:	07/24/2007 09:00
Date/time prepared:	07/25/2007 08:41	SDG Number:	VOA01 Run Sequence ID: R019935

Preliminary Results

Analyte	DF	Result	Units	Date/time analyzed
Styrene	50	6600 U	ug/kg	07/25/2007 18:58
Bromoform	50	6600 U		
1,1,2,2-Tetrachloroethane	50	6600 U		
trans-1,4-Dichloro-2-butene	50	33000 U		
1,2,3-Trichloropropane	50	6600 U		
1,2-Dibromo-3-chloropropane	50	6600 U		
Dibromofluoromethane	50	102.5	%	
1,2-Dichloroethane-d4	50	101.6		
Toluene-d8	50	98.2		
4-Bromofluorobenzene	50	99.1		

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Laucks Testing Laboratories
Preliminary Results
Printed on: 7/26/2007

Method: Purgeable Organic Compounds by GC/MS (8260B)

Client::	Tetra Tech NUS, Inc.	Project:	NSWC Crane VOA
Sample ID:	08SB03072307	Lab sample ID:	VOA01-003
Date/time collected:	07/23/2007 10:51	Date/time received:	07/24/2007 09:00
Date/time prepared:	07/25/2007 08:41	SDG Number:	VOA01 Run Sequence ID: R019935

Preliminary Results

Analyte	DF	Result	Units	Date/time analyzed
Xylenes, Total	1	370	ug/kg	07/25/2007 17:19
Dichlorodifluoromethane	1	99 U		
Chloromethane	1	99 U		
Vinyl chloride	1	10000		
Bromomethane	1	99 U		
Chloroethane	1	180		
Trichlorofluoromethane	1	99 U		
1,1-Dichloroethene	1	910		
Acrolein	1	490 U		
Acetone	1	170 J		
Iodomethane	1	490 U		
Carbon disulfide	1	99 U		
Allyl chloride	1	490 U		
Methylene chloride	1	99 U		
Methyl tert-butyl ether	1	99 U		
trans-1,2-Dichloroethene	1	230		
Acrylonitrile	1	490 U		
Vinyl acetate	1	490 U		
1,1-Dichloroethane	1	43000 E		
Chloroprene	1	490 U		
cis-1,2-Dichloroethene	1	120000 E		
2-Butanone	1	490 U		
Methacrylonitrile	1	990 U		

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Laucks Testing Laboratories
Preliminary Results
Printed on: 7/26/2007

Method: Purgeable Organic Compounds by GC/MS (8260B)

Client::	Tetra Tech NUS, Inc.	Project:	NSWC Crane VOA
Sample ID:	08SB03072307	Lab sample ID:	VOA01-003
Date/time collected:	07/23/2007 10:51	Date/time received:	07/24/2007 09:00
Date/time prepared:	07/25/2007 08:41	SDG Number:	VOA01 Run Sequence ID: R019935

Preliminary Results

Analyte	DF	Result	Units	Date/time analyzed
Chloroform	1	99 U	ug/kg	07/25/2007 17:19
1,1,1-Trichloroethane	1	90000 E		
Carbon tetrachloride	1	99 U		
Methyl methacrylate	1	490 U		
Benzene	1	99 U		
1,2-Dichloroethane	1	99 U		
Trichloroethene	1	490		
1,2-Dichloropropane	1	99 U		
Dibromomethane	1	99 U		
Bromodichloromethane	1	99 U		
cis-1,3-Dichloropropene	1	99 U		
4-Methyl-2-pentanone	1	490 U		
Toluene	1	1800		
Ethyl methacrylate	1	490 U		
trans-1,3-Dichloropropene	1	99 U		
1,1,2-Trichloroethane	1	99 U		
Tetrachloroethene	1	99 U		
2-Hexanone	1	490 U		
Dibromochloromethane	1	99 U		
1,2-Dibromoethane	1	99 U		
Chlorobenzene	1	99 U		
Ethylbenzene	1	74 J		
1,1,1,2-Tetrachloroethane	1	99 U		

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Laucks Testing Laboratories
Preliminary Results
Printed on: 7/26/2007

Method: Purgeable Organic Compounds by GC/MS (8260B)

Client::	Tetra Tech NUS, Inc.	Project:	NSWC Crane VOA
Sample ID:	08SB03072307	Lab sample ID:	VOA01-003
Date/time collected:	07/23/2007 10:51	Date/time received:	07/24/2007 09:00
Date/time prepared:	07/25/2007 08:41	SDG Number:	VOA01 Run Sequence ID: R019935

Preliminary Results

Analyte	DF	Result	Units	Date/time analyzed
Styrene	1	99 U	ug/kg	07/25/2007 17:19
Bromoform	1	99 U		
1,1,2,2-Tetrachloroethane	1	99 U		
trans-1,4-Dichloro-2-butene	1	490 U		
1,2,3-Trichloropropane	1	99 U		
1,2-Dibromo-3-chloropropane	1	99 U		
Dibromofluoromethane	1	108.5	%	
1,2-Dichloroethane-d4	1	102.3		
Toluene-d8	1	96.3		
4-Bromofluorobenzene	1	101.4		

Laucks does not certify that these results meet NELAC Standards because all NELAC required elements are not included in the facsimile. Pease refer to the full report to review all NELAC required elements.

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Laucks Testing Laboratories
Preliminary Results
Printed on: 7/26/2007

Method: Purgeable Organic Compounds by GC/MS (8260B)

Client::	Tetra Tech NUS, Inc.	Project:	NSWC Crane VOA
Sample ID:	08SB03072307-DL	Lab sample ID:	VOA01-003DL
Date/time collected:	07/23/2007 10:51	Date/time received:	07/24/2007 09:00
Date/time prepared:	07/25/2007 08:41	SDG Number:	VOA01 Run Sequence ID: R019935

Preliminary Results

Analyte	DF	Result	Units	Date/time analyzed
Xylenes, Total	50	4900 U	ug/kg	07/25/2007 19:23
Dichlorodifluoromethane	50	4900 U		
Chloromethane	50	4900 U		
Vinyl chloride	50	7000		
Bromomethane	50	4900 U		
Chloroethane	50	4900 U		
Trichlorofluoromethane	50	4900 U		
1,1-Dichloroethene	50	4900 U		
Acrolein	50	25000 U		
Acetone	50	25000 U		
Iodomethane	50	25000 U		
Carbon disulfide	50	4900 U		
Allyl chloride	50	25000 U		
Methylene chloride	50	4900 U		
Methyl tert-butyl ether	50	4900 U		
trans-1,2-Dichloroethene	50	4900 U		
Acrylonitrile	50	25000 U		
Vinyl acetate	50	25000 U		
1,1-Dichloroethane	50	36000		
Chloroprene	50	25000 U		
cis-1,2-Dichloroethene	50	100000		
2-Butanone	50	25000 U		
Methacrylonitrile	50	49000 U		

Laucks does not certify that these results meet NELAC Standards because all NELAC required elements are not included in the facsimile. Pease refer to the full report to review all NELAC required elements.

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Laucks Testing Laboratories
Preliminary Results
Printed on: 7/26/2007

Method: Purgeable Organic Compounds by GC/MS (8260B)

Client::	Tetra Tech NUS, Inc.	Project:	NSWC Crane VOA
Sample ID:	08SB03072307-DL	Lab sample ID:	VOA01-003DL
Date/time collected:	07/23/2007 10:51	Date/time received:	07/24/2007 09:00
Date/time prepared:	07/25/2007 08:41	SDG Number:	VOA01 Run Sequence ID: R019935

Preliminary Results

Analyte	DF	Result	Units	Date/time analyzed
Chloroform	50	4900 U	ug/kg	07/25/2007 19:23
1,1,1-Trichloroethane	50	68000		
Carbon tetrachloride	50	4900 U		
Methyl methacrylate	50	25000 U		
Benzene	50	4900 U		
1,2-Dichloroethane	50	4900 U		
Trichloroethene	50	4900 U		
1,2-Dichloropropane	50	4900 U		
Dibromomethane	50	4900 U		
Bromodichloromethane	50	4900 U		
cis-1,3-Dichloropropene	50	4900 U		
4-Methyl-2-pentanone	50	25000 U		
Toluene	50	4900 U		
Ethyl methacrylate	50	25000 U		
trans-1,3-Dichloropropene	50	4900 U		
1,1,2-Trichloroethane	50	4900 U		
Tetrachloroethene	50	4900 U		
2-Hexanone	50	25000 U		
Dibromochloromethane	50	4900 U		
1,2-Dibromoethane	50	4900 U		
Chlorobenzene	50	4900 U		
Ethylbenzene	50	4900 U		
1,1,1,2-Tetrachloroethane	50	4900 U		

Laucks does not certify that these results meet NELAC Standards because all NELAC required elements are not included in the facsimile. Pease refer to the full report to review all NELAC required elements.

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Laucks Testing Laboratories
Preliminary Results
Printed on: 7/26/2007

Method: Purgeable Organic Compounds by GC/MS (8260B)

Client::	Tetra Tech NUS, Inc.	Project:	NSWC Crane VOA
Sample ID:	08SB03072307-DL	Lab sample ID:	VOA01-003DL
Date/time collected:	07/23/2007 10:51	Date/time received:	07/24/2007 09:00
Date/time prepared:	07/25/2007 08:41	SDG Number:	VOA01 Run Sequence ID: R019935

Preliminary Results

Analyte	DF	Result	Units	Date/time analyzed
Styrene	50	4900 U	ug/kg	07/25/2007 19:23
Bromoform	50	4900 U		
1,1,2,2-Tetrachloroethane	50	4900 U		
trans-1,4-Dichloro-2-butene	50	25000 U		
1,2,3-Trichloropropane	50	4900 U		
1,2-Dibromo-3-chloropropane	50	4900 U		
Dibromofluoromethane	50	101.5	%	
1,2-Dichloroethane-d4	50	102.1		
Toluene-d8	50	98.1		
4-Bromofluorobenzene	50	100.8		

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Laucks Testing Laboratories
Preliminary Results
Printed on: 7/26/2007

Method: Purgeable Organic Compounds by GC/MS (8260B)

Client::	Tetra Tech NUS, Inc.	Project:	NSWC Crane VOA	
Sample ID:	08SB04072307	Lab sample ID:	VOA01-004	
Date/time collected:	07/23/2007 11:50	Date/time received:	07/24/2007 09:00	
Date/time prepared:	07/25/2007 08:41	SDG Number:	VOA01	Run Sequence ID: R019935

Preliminary Results

Analyte	DF	Result	Units	Date/time analyzed
Xylenes, Total	1	600	ug/kg	07/25/2007 17:44
Dichlorodifluoromethane	1	120 U		
Chloromethane	1	120 U		
Vinyl chloride	1	410		
Bromomethane	1	120 U		
Chloroethane	1	750		
Trichlorofluoromethane	1	120 U		
1,1-Dichloroethene	1	5100		
Acrolein	1	590 U		
Acetone	1	530 J		
Iodomethane	1	590 U		
Carbon disulfide	1	120 U		
Allyl chloride	1	590 U		
Methylene chloride	1	120 U		
Methyl tert-butyl ether	1	120 U		
trans-1,2-Dichloroethene	1	490		
Acrylonitrile	1	590 U		
Vinyl acetate	1	590 U		
1,1-Dichloroethane	1	32000 E		
Chloroprene	1	590 U		
cis-1,2-Dichloroethene	1	460000 E		
2-Butanone	1	590 U		
Methacrylonitrile	1	1200 U		

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Laucks Testing Laboratories
Preliminary Results
Printed on: 7/26/2007

Method: Purgeable Organic Compounds by GC/MS (8260B)

Client::	Tetra Tech NUS, Inc.	Project:	NSWC Crane VOA
Sample ID:	08SB04072307	Lab sample ID:	VOA01-004
Date/time collected:	07/23/2007 11:50	Date/time received:	07/24/2007 09:00
Date/time prepared:	07/25/2007 08:41	SDG Number:	VOA01 Run Sequence ID: R019935

Preliminary Results

Analyte	DF	Result	Units	Date/time analyzed
Chloroform	1	120 U	ug/kg	07/25/2007 17:44
1,1,1-Trichloroethane	1	370000 E		
Carbon tetrachloride	1	120 U		
Methyl methacrylate	1	590 U		
Benzene	1	120 U		
1,2-Dichloroethane	1	120 U		
Trichloroethene	1	940		
1,2-Dichloropropane	1	120 U		
Dibromomethane	1	120 U		
Bromodichloromethane	1	120 U		
cis-1,3-Dichloropropene	1	120 U		
4-Methyl-2-pentanone	1	590 U		
Toluene	1	2400		
Ethyl methacrylate	1	590 U		
trans-1,3-Dichloropropene	1	120 U		
1,1,2-Trichloroethane	1	120 U		
Tetrachloroethene	1	260		
2-Hexanone	1	590 U		
Dibromochloromethane	1	120 U		
1,2-Dibromoethane	1	120 U		
Chlorobenzene	1	120 U		
Ethylbenzene	1	110 J		
1,1,1,2-Tetrachloroethane	1	120 U		

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Laucks Testing Laboratories
Preliminary Results
Printed on: 7/26/2007

Method: Purgeable Organic Compounds by GC/MS (8260B)

Client::	Tetra Tech NUS, Inc.	Project:	NSWC Crane VOA
Sample ID:	08SB04072307	Lab sample ID:	VOA01-004
Date/time collected:	07/23/2007 11:50	Date/time received:	07/24/2007 09:00
Date/time prepared:	07/25/2007 08:41	SDG Number:	VOA01 Run Sequence ID: R019935

Preliminary Results

Analyte	DF	Result	Units	Date/time analyzed
Styrene	1	120 U	ug/kg	07/25/2007 17:44
Bromoform	1	120 U		
1,1,2,2-Tetrachloroethane	1	120 U		
trans-1,4-Dichloro-2-butene	1	590 U		
1,2,3-Trichloropropane	1	120 U		
1,2-Dibromo-3-chloropropane	1	120 U		
Dibromofluoromethane	1	112.1	%	
1,2-Dichloroethane-d4	1	99.4		
Toluene-d8	1	97.2		
4-Bromofluorobenzene	1	102.1		

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Laucks Testing Laboratories
Preliminary Results
Printed on: 7/26/2007

Method: Purgeable Organic Compounds by GC/MS (8260B)

Client::	Tetra Tech NUS, Inc.	Project:	NSWC Crane VOA
Sample ID:	08SB04072307-DL	Lab sample ID:	VOA01-004DL
Date/time collected:	07/23/2007 11:50	Date/time received:	07/24/2007 09:00
Date/time prepared:	07/26/2007 09:17	SDG Number:	VOA01 Run Sequence ID: R019944

Preliminary Results

Analyte	DF	Result	Units	Date/time analyzed
Xylenes, Total	50	5900 U	ug/kg	07/26/2007 13:22
Dichlorodifluoromethane	50	5900 U		
Chloromethane	50	5900 U		
Vinyl chloride	50	5900 U		
Bromomethane	50	5900 U		
Chloroethane	50	5900 U		
Trichlorofluoromethane	50	5900 U		
1,1-Dichloroethene	50	5900 U		
Acrolein	50	29000 U		
Acetone	50	29000 U		
Iodomethane	50	29000 U		
Carbon disulfide	50	5900 U		
Allyl chloride	50	29000 U		
Methylene chloride	50	5900 U		
Methyl tert-butyl ether	50	5900 U		
trans-1,2-Dichloroethene	50	5900 U		
Acrylonitrile	50	29000 U		
Vinyl acetate	50	29000 U		
1,1-Dichloroethane	50	27000		
Chloroprene	50	29000 U		
cis-1,2-Dichloroethene	50	360000		
2-Butanone	50	29000 U		
Methacrylonitrile	50	59000 U		

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Laucks Testing Laboratories
Preliminary Results
Printed on: 7/26/2007

Method: Purgeable Organic Compounds by GC/MS (8260B)

Client::	Tetra Tech NUS, Inc.	Project:	NSWC Crane VOA
Sample ID:	08SB04072307-DL	Lab sample ID:	VOA01-004DL
Date/time collected:	07/23/2007 11:50	Date/time received:	07/24/2007 09:00
Date/time prepared:	07/26/2007 09:17	SDG Number:	VOA01 Run Sequence ID: R019944

Preliminary Results

Analyte	DF	Result	Units	Date/time analyzed
Chloroform	50	5900 U	ug/kg	07/26/2007 13:22
1,1,1-Trichloroethane	50	280000		
Carbon tetrachloride	50	5900 U		
Methyl methacrylate	50	29000 U		
Benzene	50	5900 U		
1,2-Dichloroethane	50	5900 U		
Trichloroethene	50	5900 U		
1,2-Dichloropropane	50	5900 U		
Dibromomethane	50	5900 U		
Bromodichloromethane	50	5900 U		
cis-1,3-Dichloropropene	50	5900 U		
4-Methyl-2-pentanone	50	29000 U		
Toluene	50	5900 U		
Ethyl methacrylate	50	29000 U		
trans-1,3-Dichloropropene	50	5900 U		
1,1,2-Trichloroethane	50	5900 U		
Tetrachloroethene	50	5900 U		
2-Hexanone	50	29000 U		
Dibromochloromethane	50	5900 U		
1,2-Dibromoethane	50	5900 U		
Chlorobenzene	50	5900 U		
Ethylbenzene	50	5900 U		
1,1,1,2-Tetrachloroethane	50	5900 U		

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Laucks Testing Laboratories
Preliminary Results
Printed on: 7/26/2007

Method: Purgeable Organic Compounds by GC/MS (8260B)

Client::	Tetra Tech NUS, Inc.	Project:	NSWC Crane VOA	
Sample ID:	08SB04072307-DL	Lab sample ID:	VOA01-004DL	
Date/time collected:	07/23/2007 11:50	Date/time received:	07/24/2007 09:00	
Date/time prepared:	07/26/2007 09:17	SDG Number:	VOA01	Run Sequence ID: R019944

Preliminary Results

Analyte	DF	Result	Units	Date/time analyzed
Styrene	50	5900 U	ug/kg	07/26/2007 13:22
Bromoform	50	5900 U		
1,1,2,2-Tetrachloroethane	50	5900 U		
trans-1,4-Dichloro-2-butene	50	29000 U		
1,2,3-Trichloropropane	50	5900 U		
1,2-Dibromo-3-chloropropane	50	5900 U		
Dibromofluoromethane	50	102.8	%	
1,2-Dichloroethane-d4	50	100.3		
Toluene-d8	50	97.8		
4-Bromofluorobenzene	50	102.4		

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Laucks Testing Laboratories
Preliminary Results
Printed on: 7/26/2007

Method: Purgeable Organic Compounds by GC/MS (8260B)

Client::	Tetra Tech NUS, Inc.	Project:	NSWC Crane VOA
Sample ID:	08SB05072307	Lab sample ID:	VOA01-005
Date/time collected:	07/23/2007 12:30	Date/time received:	07/24/2007 09:00
Date/time prepared:	07/25/2007 08:41	SDG Number:	VOA01 Run Sequence ID: R019935

Preliminary Results

Analyte	DF	Result	Units	Date/time analyzed
Xylenes, Total	1	180	ug/kg	07/25/2007 18:08
Dichlorodifluoromethane	1	87 U		
Chloromethane	1	87 U		
Vinyl chloride	1	150		
Bromomethane	1	87 U		
Chloroethane	1	340		
Trichlorofluoromethane	1	87 U		
1,1-Dichloroethene	1	1000		
Acrolein	1	440 U		
Acetone	1	200 J		
Iodomethane	1	440 U		
Carbon disulfide	1	87 U		
Allyl chloride	1	440 U		
Methylene chloride	1	87 U		
Methyl tert-butyl ether	1	87 U		
trans-1,2-Dichloroethene	1	180		
Acrylonitrile	1	440 U		
Vinyl acetate	1	440 U		
1,1-Dichloroethane	1	11000		
Chloroprene	1	440 U		
cis-1,2-Dichloroethene	1	150000 E		
2-Butanone	1	440 U		
Methacrylonitrile	1	870 U		

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Laucks Testing Laboratories
Preliminary Results
Printed on: 7/26/2007

Method: Purgeable Organic Compounds by GC/MS (8260B)

Client::	Tetra Tech NUS, Inc.	Project:	NSWC Crane VOA
Sample ID:	08SB05072307	Lab sample ID:	VOA01-005
Date/time collected:	07/23/2007 12:30	Date/time received:	07/24/2007 09:00
Date/time prepared:	07/25/2007 08:41	SDG Number:	VOA01 Run Sequence ID: R019935

Preliminary Results

Analyte	DF	Result	Units	Date/time analyzed
Chloroform	1	87 U	ug/kg	07/25/2007 18:08
1,1,1-Trichloroethane	1	94000 E		
Carbon tetrachloride	1	87 U		
Methyl methacrylate	1	440 U		
Benzene	1	87 U		
1,2-Dichloroethane	1	87 U		
Trichloroethene	1	250		
1,2-Dichloropropane	1	87 U		
Dibromomethane	1	87 U		
Bromodichloromethane	1	87 U		
cis-1,3-Dichloropropene	1	87 U		
4-Methyl-2-pentanone	1	440 U		
Toluene	1	640		
Ethyl methacrylate	1	440 U		
trans-1,3-Dichloropropene	1	87 U		
1,1,2-Trichloroethane	1	87 U		
Tetrachloroethene	1	64 J		
2-Hexanone	1	440 U		
Dibromochloromethane	1	87 U		
1,2-Dibromoethane	1	87 U		
Chlorobenzene	1	87 U		
Ethylbenzene	1	87 U		
1,1,1,2-Tetrachloroethane	1	87 U		

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Laucks Testing Laboratories
Preliminary Results
Printed on: 7/26/2007

Method: Purgeable Organic Compounds by GC/MS (8260B)

Client::	Tetra Tech NUS, Inc.	Project:	NSWC Crane VOA
Sample ID:	08SB05072307	Lab sample ID:	VOA01-005
Date/time collected:	07/23/2007 12:30	Date/time received:	07/24/2007 09:00
Date/time prepared:	07/25/2007 08:41	SDG Number:	VOA01 Run Sequence ID: R019935

Preliminary Results

Analyte	DF	Result	Units	Date/time analyzed
Styrene	1	87 U	ug/kg	07/25/2007 18:08
Bromoform	1	87 U		
1,1,2,2-Tetrachloroethane	1	87 U		
trans-1,4-Dichloro-2-butene	1	440 U		
1,2,3-Trichloropropane	1	87 U		
1,2-Dibromo-3-chloropropane	1	87 U		
Dibromofluoromethane	1	106.2	%	
1,2-Dichloroethane-d4	1	100.5		
Toluene-d8	1	97.9		
4-Bromofluorobenzene	1	99.3		

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Laucks Testing Laboratories
Preliminary Results
Printed on: 7/26/2007

Method: Purgeable Organic Compounds by GC/MS (8260B)

Client::	Tetra Tech NUS, Inc.	Project:	NSWC Crane VOA
Sample ID:	08SB05072307-DL	Lab sample ID:	VOA01-005DL
Date/time collected:	07/23/2007 12:30	Date/time received:	07/24/2007 09:00
Date/time prepared:	07/26/2007 09:17	SDG Number:	VOA01 Run Sequence ID: R019944

Preliminary Results

Analyte	DF	Result	Units	Date/time analyzed
Xylenes, Total	50	4400 U	ug/kg	07/26/2007 13:47
Dichlorodifluoromethane	50	4400 U		
Chloromethane	50	4400 U		
Vinyl chloride	50	4400 U		
Bromomethane	50	4400 U		
Chloroethane	50	4400 U		
Trichlorofluoromethane	50	4400 U		
1,1-Dichloroethene	50	4400 U		
Acrolein	50	22000 U		
Acetone	50	22000 U		
Iodomethane	50	22000 U		
Carbon disulfide	50	4400 U		
Allyl chloride	50	22000 U		
Methylene chloride	50	4400 U		
Methyl tert-butyl ether	50	4400 U		
trans-1,2-Dichloroethene	50	4400 U		
Acrylonitrile	50	22000 U		
Vinyl acetate	50	22000 U		
1,1-Dichloroethane	50	9000		
Chloroprene	50	22000 U		
cis-1,2-Dichloroethene	50	120000		
2-Butanone	50	22000 U		
Methacrylonitrile	50	44000 U		

Laucks does not certify that these results meet NELAC Standards because all NELAC required elements are not included in the facsimile. Pease refer to the full report to review all NELAC required elements.

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Laucks Testing Laboratories
Preliminary Results
Printed on: 7/26/2007

Method: Purgeable Organic Compounds by GC/MS (8260B)

Client::	Tetra Tech NUS, Inc.	Project:	NSWC Crane VOA
Sample ID:	08SB05072307-DL	Lab sample ID:	VOA01-005DL
Date/time collected:	07/23/2007 12:30	Date/time received:	07/24/2007 09:00
Date/time prepared:	07/26/2007 09:17	SDG Number:	VOA01 Run Sequence ID: R019944

Preliminary Results

Analyte	DF	Result	Units	Date/time analyzed
Chloroform	50	4400 U	ug/kg	07/26/2007 13:47
1,1,1-Trichloroethane	50	69000		
Carbon tetrachloride	50	4400 U		
Methyl methacrylate	50	22000 U		
Benzene	50	4400 U		
1,2-Dichloroethane	50	4400 U		
Trichloroethene	50	4400 U		
1,2-Dichloropropane	50	4400 U		
Dibromomethane	50	4400 U		
Bromodichloromethane	50	4400 U		
cis-1,3-Dichloropropene	50	4400 U		
4-Methyl-2-pentanone	50	22000 U		
Toluene	50	4400 U		
Ethyl methacrylate	50	22000 U		
trans-1,3-Dichloropropene	50	4400 U		
1,1,2-Trichloroethane	50	4400 U		
Tetrachloroethene	50	4400 U		
2-Hexanone	50	22000 U		
Dibromochloromethane	50	4400 U		
1,2-Dibromoethane	50	4400 U		
Chlorobenzene	50	4400 U		
Ethylbenzene	50	4400 U		
1,1,1,2-Tetrachloroethane	50	4400 U		

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Laucks Testing Laboratories
Preliminary Results
Printed on: 7/26/2007

Method: Purgeable Organic Compounds by GC/MS (8260B)

Client::	Tetra Tech NUS, Inc.	Project:	NSWC Crane VOA	
Sample ID:	08SB05072307-DL	Lab sample ID:	VOA01-005DL	
Date/time collected:	07/23/2007 12:30	Date/time received:	07/24/2007 09:00	
Date/time prepared:	07/26/2007 09:17	SDG Number:	VOA01	Run Sequence ID: R019944

Preliminary Results

Analyte	DF	Result	Units	Date/time analyzed
Styrene	50	4400 U	ug/kg	07/26/2007 13:47
Bromoform	50	4400 U		
1,1,2,2-Tetrachloroethane	50	4400 U		
trans-1,4-Dichloro-2-butene	50	22000 U		
1,2,3-Trichloropropane	50	4400 U		
1,2-Dibromo-3-chloropropane	50	4400 U		
Dibromofluoromethane	50	101.3	%	
1,2-Dichloroethane-d4	50	102.2		
Toluene-d8	50	95.8		
4-Bromofluorobenzene	50	99.6		

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Laucks
Testing Laboratories, Inc.

940 South Harney St.
Seattle, WA 98108
(206) 767-5060 FAX (206) 767-5063

FAX Cover Sheet

To: Ralph Basinski **FAX Number:**
Company: TENUS **Date:** 7/27/07
From: Elaine Walker **No. of Pages (including cover page):** 6

Preliminary Results for: cc: Ed Sedlmeyer

Workorders(s): NA

SDG (s): VOA01

Analysis: 8260 TCLP

Verified by: [illegible]

Do these samples need to be re-analyzed? Yes No
If yes, which samples?:
Reason:

The preliminary results for the re-analysis will be faxed on (date):

Laucks does not certify that these results meet NELAC Standards because all NELAC required elements are not included in the facsimile. Please refer to the full report to review all NELAC required elements.

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Laucks Testing Laboratories
Preliminary Results
Printed on: 7/27/2007

Method: Purgeable Organic Compounds by GC/MS (8260B)

Client::	Tetra Tech NUS, Inc.	Project:	NSWC Crane VOA
Sample ID:	08SB01072307	Lab sample ID:	VOA01-001
Date/time collected:	07/23/2007 08:38	Date/time received:	07/24/2007 09:00
Date/time prepared:	07/27/2007 08:21	SDG Number:	VOA01 Run Sequence ID: R019974

Preliminary Results

Analyte	DF	Result	Units	Date/time analyzed
Vinyl chloride	50	50 U	ug/L	07/27/2007 10:20
1,1-Dichloroethene	50	93		
2-Butanone	50	250 U		
Chloroform	50	50 U		
Carbon tetrachloride	50	50 U		
Benzene	50	50 U		
1,2-Dichloroethane	50	50 U		
Trichloroethene	50	62		
Tetrachloroethene	50	50 U		
Chlorobenzene	50	50 U		
Dibromofluoromethane	50	104.9	%	
1,2-Dichloroethane-d4	50	102.9		
Toluene-d8	50	95.3		
4-Bromofluorobenzene	50	101.4		

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Laucks Testing Laboratories
Preliminary Results
Printed on: 7/27/2007

Method: Purgeable Organic Compounds by GC/MS (8260B)

Client::	Tetra Tech NUS, Inc.	Project:	NSWC Crane VOA
Sample ID:	08SB02072307	Lab sample ID:	VOA01-002
Date/time collected:	07/23/2007 09:41	Date/time received:	07/24/2007 09:00
Date/time prepared:	07/27/2007 08:21	SDG Number:	VOA01 Run Sequence ID: R019974

Preliminary Results

Analyte	DF	Result	Units	Date/time analyzed
Vinyl chloride	50	50 U	ug/L	07/27/2007 10:45
1,1-Dichloroethene	50	91		
2-Butanone	50	250 U		
Chloroform	50	50 U		
Carbon tetrachloride	50	50 U		
Benzene	50	50 U		
1,2-Dichloroethane	50	50 U		
Trichloroethene	50	220		
etrachloroethene	50	50 U		
Chlorobenzene	50	50 U		
Dibromofluoromethane	50	107.3	%	
1,2-Dichloroethane-d4	50	102.2		
Toluene-d8	50	95.8		
4-Bromofluorobenzene	50	102		

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Laucks Testing Laboratories
Preliminary Results
Printed on: 7/27/2007

Method: Purgeable Organic Compounds by GC/MS (8260B)

Client::	Tetra Tech NUS, Inc.	Project:	NSWC Crane VOA
Sample ID:	08SB03072307	Lab sample ID:	VOA01-003
Date/time collected:	07/23/2007 10:51	Date/time received:	07/24/2007 09:00
Date/time prepared:	07/27/2007 08:21	SDG Number:	VOA01 Run Sequence ID: R019974

Preliminary Results

Analyte	DF	Result	Units	Date/time analyzed
Vinyl chloride	50	310	ug/L	07/27/2007 11:09
1,1-Dichloroethene	50	28 J		
2-Butanone	50	250 U		
Chloroform	50	50 U		
Carbon tetrachloride	50	50 U		
Benzene	50	50 U		
1,2-Dichloroethane	50	50 U		
Trichloroethene	50	50 U		
Tetrachloroethene	50	50 U		
Chlorobenzene	50	50 U		
Dibromofluoromethane	50	105.2	%	
1,2-Dichloroethane-d4	50	102.4		
Toluene-d8	50	95		
4-Bromofluorobenzene	50	101.2		

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Laucks Testing Laboratories
Preliminary Results
Printed on: 7/27/2007

Method: Purgeable Organic Compounds by GC/MS (8260B)

Client::	Tetra Tech NUS, Inc.	Project:	NSWC Crane VOA
Sample ID:	08SB04072307	Lab sample ID:	VOA01-004
Date/time collected:	07/23/2007 11:50	Date/time received:	07/24/2007 09:00
Date/time prepared:	07/27/2007 08:21	SDG Number:	VOA01 Run Sequence ID: R019974

Preliminary Results

Analyte	DF	Result	Units	Date/time analyzed
Vinyl chloride	50	50 U	ug/L	07/27/2007 11:34
1,1-Dichloroethene	50	57		
2-Butanone	50	250 U		
Chloroform	50	50 U		
Carbon tetrachloride	50	50 U		
Benzene	50	50 U		
1,2-Dichloroethane	50	50 U		
Trichloroethene	50	50 U		
Tetrachloroethene	50	50 U		
Chlorobenzene	50	50 U		
Dibromofluoromethane	50	105.7	%	
1,2-Dichloroethane-d4	50	102.6		
Toluene-d8	50	93.5		
4-Bromofluorobenzene	50	102.3		

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Laucks Testing Laboratories
Preliminary Results
Printed on: 7/27/2007

Method: Purgeable Organic Compounds by GC/MS (8260B)

Client::	Tetra Tech NUS, Inc.	Project:	NSWC Crane VOA	
Sample ID:	08SB05072307	Lab sample ID:	VOA01-005	
Date/time collected:	07/23/2007 12:30	Date/time received:	07/24/2007 09:00	
Date/time prepared:	07/27/2007 08:21	SDG Number:	VOA01	Run Sequence ID: R019974

Preliminary Results

Analyte	DF	Result	Units	Date/time analyzed
Vinyl chloride	50	50 U	ug/L	07/27/2007 12:00
1,1-Dichloroethene	50	64		
2-Butanone	50	250 U		
Chloroform	50	50 U		
Carbon tetrachloride	50	50 U		
Benzene	50	50 U		
1,2-Dichloroethane	50	50 U		
Trichloroethene	50	50 U		
Tetrachloroethene	50	50 U		
Chlorobenzene	50	50 U		
Dibromofluoromethane	50	105.2	%	
1,2-Dichloroethane-d4	50	103.9		
Toluene-d8	50	95		
4-Bromofluorobenzene	50	101.9		

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Tetra Tech NUS

INTERNAL CORRESPONDENCE

TO:	**R. BASINSKI**	**DATE:**	**NOVEMBER 5, 2007**
FROM:	**EDWARD SEDLMYER**	**COPIES:**	**DV FILE**

SUBJECT: **ORGANIC DATA VALIDATION – VOC / TCLP VOC**
CTO 020, NSWC CRANE
SDG VOA01

SAMPLES: 5 / Solid

08SB01072307 08SB02072307 08SB03072307
08SB04072307 08SB05072307

OVERVIEW

The sample set for CTO 020; NSWC CRANE, SDG VOA01 consists of five (5) solid environmental samples. All samples were analyzed for volatile organic compounds (VOC) and toxicity characteristic leaching procedure (TCLP) volatiles.

The samples were collected by TetraTech NUS on July 23, 2007 and analyzed by Laucks Testing Laboratories, Seattle, WA. All analyses were conducted in accordance with USEPA SW 846 Methods 1311 and 8260B analytical and reporting protocol. The data contained in this SDG were validated with regard to the following parameters:

* • Data completeness
* • Holding times
• Initial/continuing calibrations
* • Laboratory method blank results
* • Detection Limits

The symbol (*) indicates that all quality control criteria were met for this parameter. Problems affecting data quality are discussed below; documentation supporting these findings is presented in Appendix C. Qualified Analytical results are presented in Appendix A. Results as reported by the laboratory are presented in Appendix B.

VOC

Calibration verification percent difference (%D) exceeded the 25% quality control limit for dichlorodifluoromethane on instrument 5973Y, on 07/25/07, at 11:05. No action was taken on this basis because the percent difference was less than 90% and all results were non-detected.

All samples were analyzed as medium level soils and at 50X of a medium analysis due to concentrations greater than the linear calibration range for 1,1-dichloroethane, cis-1,2-dichloroethane, and/or 1,1,1-trichloroethane. The diluted results for 1,1-dichloroethane, cis-1,2-dichloroethane, and/or 1,1,1-trichloroethane were taken from the diluted analysis. All other results were reported from the undiluted medium level analysis.

TCLP VOA

Calibration verification percent difference (%D) exceeded the 25% quality control limit for carbon tetrachloride on instrument 5973Y, on 07/27/07, at 08:43. No action was taken on this basis because the percent difference was less than 90% and all results were non-detected.

Additional Comments

Positive results reported below the reporting limit but above the threshold value were qualified as estimated, J.

EXECUTIVE SUMMARY

Laboratory Performance Issues: Two VOC compounds exceeded %D quality control criterion in the continuing calibrations but did not result in qualification of the data.

Other Factors Affecting Data Quality: None.

The data for these analyses were reviewed with reference to the EPA Functional Guidelines for Organic Data Validation (October 1999) and the Department of Defense (DoD) document entitled "Quality Systems Manual (QSM) for Environmental Laboratories" (January 2006). The text of this report has been formulated to address only those problem areas affecting data quality.

"I attest that the data referenced herein were validated according to the agreed upon validation criteria as specified in the DoD QSM."

Edward Sedlmyer
Tetra Tech NUS

Edward Sedlmyer
Chemist/Data Validator

TetraTech NUS

Joseph A. Samchuck
Data Validation Quality Assurance Officer

Attachments:

1. Appendix A - Qualified Analytical Results
2. Appendix B - Results as Reported by the Laboratory
3. Appendix C - Support Documentation

APPENDIX A

QUALIFIED ANALYTICAL RESULTS

Data Validation Qualifier Codes:

A = Lab Blank Contamination
B = Field Blank Contamination
C = Calibration Noncompliance (e.g. % RSDs, %Ds, ICVs, CCVs, RRFs, etc.)
C01 = GC/MS Tuning Noncompliance
D = MS/MSD Recovery Noncompliance
E = LCS/LCSD Recovery Noncompliance
F = Lab Duplicate Imprecision
G = Field Duplicate Imprecision
H = Holding Time Exceedance
I = ICP Serial Dilution Noncompliance
J = GFAA PDS - GFAA MSA's r < 0.995 / ICP PDS Recovery Noncompliance
K = ICP Interference - includes ICS % R Noncompliance
L = Instrument Calibration Range Exceedance
M = Sample Preservation Noncompliance
N = Internal Standard Noncompliance
N01 = Internal Standard Recovery Noncompliance Dioxins
N02 = Recovery Standard Noncompliance Dioxins
N03 = Clean-up Standard Noncompliance Dioxins
O = Poor Instrument Performance (e.g. base-line drifting)
P = Uncertainty near detection limit (< 2 x IDL for inorganics and <CRQL for organics)
Q = Other problems (can encompass a number of issues; e.g. chromatography,interferences, etc.)
R = Surrogates Recovery Noncompliance
S = Pesticide/PCB Resolution
T = % Breakdown Noncompliance for DDT and Endrin
U = % Difference between columns/detectors >25% for positive results determined via GC/HPLC
V = Non-linear calibrations; correlation coefficient r < 0.995
W = EMPC result
X = Signal to noise response drop
Y = Percent solids <30%
Z = Uncertainty at 2 sigma deviation is greater than sample activity

PROJ_NO: 00352

SDG: VOA01 MEDIA: SOIL DATA FRACTION: OV

nsample	08SB01072307	nsample	08SB01072307	nsample	08SB01072307DL
samp_date	7/23/2007 8:38:00 AM	samp_date	7/23/2007 8:38:00 AM	samp_date	7/23/2007 8:38:00 AM
lab_id	VOA01-001	lab_id	VOA01-001	lab_id	VOA01-001DL
qc_type	NM	qc_type	NM	qc_type	NM
units	UG/KG	units	UG/KG	units	UG/KG
Pct_Solids	67.3	Pct_Solids	67.3	Pct_Solids	67.3
DUP_OF:		DUP_OF:		DUP_OF:	

Parameter	Result	Val Qual	Qual Code
1,1,1,2-TETRACHLOROETHANE	120	U	
1,1,2,2-TETRACHLOROETHANE	120	U	
1,1,2-TRICHLOROETHANE	120	U	
1,1-DICHLOROETHENE	4600		
1,2,3-TRICHLOROPROPANE	120	U	
1,2-DIBROMO-3-CHLOROPROPANE	120	U	
1,2-DIBROMOETHANE	120	U	
1,2-DICHLOROETHANE	120	U	
1,2-DICHLOROPROPANE	120	U	
2-BUTANONE	590	U	
2-HEXANONE	590	U	
3-CHLOROPROPENE	590	U	
4-METHYL-2-PENTANONE	590	U	
ACETONE	360	J	P
ACROLEIN	590	U	
ACRYLONITRILE	590	U	
BENZENE	120	U	
BROMODICHLOROMETHANE	120	U	
BROMOFORM	120	U	
BROMOMETHANE	120	U	
CARBON DISULFIDE	120	U	
CARBON TETRACHLORIDE	120	U	
CHLOROBENZENE	120	U	
CHLORODIBROMOMETHANE	120	U	
CHLOROETHANE	190		
CHLOROFORM	120	U	
CHLOROMETHANE	120	U	
CHLOROPRENE	590	U	
CIS-1,3-DICHLOROPROPENE	120	U	
DIBROMOMETHANE	120	U	
DICHLORODIFLUOROMETHANE	120	U	
ETHYL METHACRYLATE	590	U	

Parameter	Result	Val Qual	Qual Code
ETHYLBENZENE	160		
METHACRYLONITRILE	1200	U	
METHYL IODIDE	590	U	
METHYL METHACRYLATE	590	U	
METHYL TERT-BUTYL ETHER	120	U	
METHYLENE CHLORIDE	120	U	
STYRENE	120	U	
TETRACHLOROETHENE	310		
TOLUENE	4200		
TOTAL XYLENES	840		
TRANS-1,2-DICHLOROETHENE	280		
TRANS-1,3-DICHLOROPROPENE	120	U	
TRANS-1,4-DICHLORO-2-BUTENE	590	U	
TRICHLOROETHENE	2000		
TRICHLOROFLUOROMETHANE	120	U	
VINYL ACETATE	590	U	
VINYL CHLORIDE	120	U	

Parameter	Result	Val Qual	Qual Code
1,1,1-TRICHLOROETHANE	270000		
1,1-DICHLOROETHANE	21000		
CIS-1,2-DICHLOROETHENE	290000		

nsample	08SB02072307
samp_date	7/23/2007 9:41:00 AM
lab_id	VOA01-002
qc_type	NM
units	UG/KG
Pct_Solids	61.9
DUP_OF:	

Parameter	Result	Val Qual	Qual Code
1,1,1,2-TETRACHLOROETHANE	130	U	
1,1,2,2-TETRACHLOROETHANE	130	U	
1,1,2-TRICHLOROETHANE	130	U	
1,1-DICHLOROETHANE	21000		
1,1-DICHLOROETHENE	3900		
1,2,3-TRICHLOROPROPANE	130	U	
1,2-DIBROMO-3-CHLOROPROPANE	130	U	
1,2-DIBROMOETHANE	130	U	
1,2-DICHLOROETHANE	130	U	
1,2-DICHLOROPROPANE	130	U	
2-BUTANONE	660	U	
2-HEXANONE	660	U	
3-CHLOROPROPENE	660	U	
4-METHYL-2-PENTANONE	660	U	
ACETONE	190	J	P
ACROLEIN	660	U	
ACRYLONITRILE	660	U	
BENZENE	130	U	
BROMODICHLOROMETHANE	130	U	
BROMOFORM	130	U	
BROMOMETHANE	130	U	
CARBON DISULFIDE	130	U	
CARBON TETRACHLORIDE	130	U	
CHLOROBENZENE	130	U	
CHLORODIBROMOMETHANE	130	U	
CHLOROETHANE	150		
CHLOROFORM	130	U	
CHLOROMETHANE	130	U	
CHLOROPRENE	660	U	
CIS-1,3-DICHLOROPROPENE	130	U	
DIBROMOMETHANE	130	U	
DICHLORODIFLUOROMETHANE	130	U	

nsample	08SB02072307
samp_date	7/23/2007 9:41:00 AM
lab_id	VOA01-002
qc_type	NM
units	UG/KG
Pct_Solids	61.9
DUP_OF:	

Parameter	Result	Val Qual	Qual Code
ETHYL METHACRYLATE	660	U	
ETHYLBENZENE	110	J	P
METHACRYLONITRILE	1300	U	
METHYL IODIDE	660	U	
METHYL METHACRYLATE	660	U	
METHYL TERT-BUTYL ETHER	130	U	
METHYLENE CHLORIDE	130	U	
STYRENE	130	U	
TETRACHLOROETHENE	380		
TOLUENE	3500		
TOTAL XYLENES	550		
TRANS-1,2-DICHLOROETHENE	240		
TRANS-1,3-DICHLOROPROPENE	130	U	
TRANS-1,4-DICHLORO-2-BUTENE	660	U	
TRICHLOROETHENE	3700		
TRICHLOROFLUOROMETHANE	130	U	
VINYL ACETATE	660	U	
VINYL CHLORIDE	130	U	

nsample	08SB02072307DL
samp_date	7/23/2007 9:41:00 AM
lab_id	VOA01-002DL
qc_type	NM
units	UG/KG
Pct_Solids	61.9
DUP_OF:	

Parameter	Result	Val Qual	Qual Code
1,1,1-TRICHLOROETHANE	260000		
CIS-1,2-DICHLOROETHENE	200000		

PROJ_NO: 00352

SDG: VOA01 MEDIA: SOIL DATA FRACTION: OV

nsample	08SB03072307	nsample	08SB03072307	nsample	08SB03072307DL
samp_date	7/23/2007 10:51:00 AM	samp_date	7/23/2007 10:51:00 AM	samp_date	7/23/2007 10:51:00 AM
lab_id	VOA01-003	lab_id	VOA01-003	lab_id	VOA01-003DL
qc_type	NM	qc_type	NM	qc_type	NM
units	UG/KG	units	UG/KG	units	UG/KG
Pct_Solids	75.6	Pct_Solids	75.6	Pct_Solids	75.6
DUP_OF:		DUP_OF:		DUP_OF:	

Parameter	Result	Val Qual	Qual Code
1,1,1,2-TETRACHLOROETHANE	99	U	
1,1,2,2-TETRACHLOROETHANE	99	U	
1,1,2-TRICHLOROETHANE	99	U	
1,1-DICHLOROETHENE	910		
1,2,3-TRICHLOROPROPANE	99	U	
1,2-DIBROMO-3-CHLOROPROPANE	99	U	
1,2-DIBROMOETHANE	99	U	
1,2-DICHLOROETHANE	99	U	
1,2-DICHLOROPROPANE	99	U	
2-BUTANONE	490	U	
2-HEXANONE	490	U	
3-CHLOROPROPENE	490	U	
4-METHYL-2-PENTANONE	490	U	
ACETONE	170	J	P
ACROLEIN	490	U	
ACRYLONITRILE	490	U	
BENZENE	99	U	
BROMODICHLOROMETHANE	99	U	
BROMOFORM	99	U	
BROMOMETHANE	99	U	
CARBON DISULFIDE	99	U	
CARBON TETRACHLORIDE	99	U	
CHLOROBENZENE	99	U	
CHLORODIBROMOMETHANE	99	U	
CHLOROETHANE	180		
CHLOROFORM	99	U	
CHLOROMETHANE	99	U	
CHLOROPRENE	490	U	
CIS-1,3-DICHLOROPROPENE	99	U	
DIBROMOMETHANE	99	U	
DICHLORODIFLUOROMETHANE	99	U	
ETHYL METHACRYLATE	490	U	

Parameter	Result	Val Qual	Qual Code
ETHYLBENZENE	74	J	P
METHACRYLONITRILE	990	U	
METHYL IODIDE	490	U	
METHYL METHACRYLATE	490	U	
METHYL TERT-BUTYL ETHER	99	U	
METHYLENE CHLORIDE	99	U	
STYRENE	99	U	
TETRACHLOROETHENE	99	U	
TOLUENE	1800		
TOTAL XYLENES	370		
TRANS-1,2-DICHLOROETHENE	230		
TRANS-1,3-DICHLOROPROPENE	99	U	
TRANS-1,4-DICHLORO-2-BUTENE	490	U	
TRICHLOROETHENE	490		
TRICHLOROFLUOROMETHANE	99	U	
VINYL ACETATE	490	U	
VINYL CHLORIDE	10000		

Parameter	Result	Val Qual	Qual Code
1,1,1-TRICHLOROETHANE	68000		
1,1-DICHLOROETHANE	36000		
CIS-1,2-DICHLOROETHENE	100000		

PROJ_ : 00352

SDG: VOA01 MEDIA: SOIL DATA FRACTION: OV

nsample	08SB04072307	nsample	08SB04072307	nsample	08SB04072307DL
samp_date	7/23/2007 11:50:00 AM	samp_date	7/23/2007 11:50:00 AM	samp_date	7/23/2007 11:50:00 AM
lab_id	VOA01-004	lab_id	VOA01-004	lab_id	VOA01-004DL
qc_type	NM	qc_type	NM	qc_type	NM
units	UG/KG	units	UG/KG	units	UG/KG
Pct_Solids	67.1	Pct_Solids	67.1	Pct_Solids	67.1
DUP_OF:		DUP_OF:		DUP_OF:	

Parameter	Result	Val Qual	Qual Code
1,1,1,2-TETRACHLOROETHANE	120	U	
1,1,2,2-TETRACHLOROETHANE	120	U	
1,1,2-TRICHLOROETHANE	120	U	
1,1-DICHLOROETHENE	5100		
1,2,3-TRICHLOROPROPANE	120	U	
1,2-DIBROMO-3-CHLOROPROPANE	120	U	
1,2-DIBROMOETHANE	120	U	
1,2-DICHLOROETHANE	120	U	
1,2-DICHLOROPROPANE	120	U	
2-BUTANONE	590	U	
2-HEXANONE	590	U	
3-CHLOROPROPENE	590	U	
4-METHYL-2-PENTANONE	590	U	
ACETONE	530	J	P
ACROLEIN	590	U	
ACRYLONITRILE	590	U	
BENZENE	120	U	
BROMODICHLOROMETHANE	120	U	
BROMOFORM	120	U	
BROMOMETHANE	120	U	
CARBON DISULFIDE	120	U	
CARBON TETRACHLORIDE	120	U	
CHLOROBENZENE	120	U	
CHLORODIBROMOMETHANE	120	U	
CHLOROETHANE	750		
CHLOROFORM	120	U	
CHLOROMETHANE	120	U	
CHLOROPRENE	590	U	
CIS-1,3-DICHLOROPROPENE	120	U	
DIBROMOMETHANE	120	U	
DICHLORODIFLUOROMETHANE	120	U	
ETHYL METHACRYLATE	590	U	

Parameter	Result	Val Qual	Qual Code
ETHYLBENZENE	110	J	P
METHACRYLONITRILE	1200	U	
METHYL IODIDE	590	U	
METHYL METHACRYLATE	590	U	
METHYL TERT-BUTYL ETHER	120	U	
METHYLENE CHLORIDE	120	U	
STYRENE	120	U	
TETRACHLOROETHENE	260		
TOLUENE	2400		
TOTAL XYLENES	600		
TRANS-1,2-DICHLOROETHENE	490		
TRANS-1,3-DICHLOROPROPENE	120	U	
TRANS-1,4-DICHLORO-2-BUTENE	590	U	
TRICHLOROETHENE	940		
TRICHLOROFLUOROMETHANE	120	U	
VINYL ACETATE	590	U	
VINYL CHLORIDE	410		

Parameter	Result	Val Qual	Qual Code
1,1,1-TRICHLOROETHANE	280000		
1,1-DICHLOROETHANE	27000		
CIS-1,2-DICHLOROETHENE	360000		

PROJ_NO: 00352

SDG: VOA01 MEDIA: SOIL DATA FRACTION: OV

nsample	08SB05072307	nsample	08SB05072307	nsample	08SB05072307DL
samp_date	7/23/2007 12:30:00 PM	samp_date	7/23/2007 12:30:00 PM	samp_date	7/23/2007 12:30:00 PM
lab_id	VOA01-005	lab_id	VOA01-005	lab_id	VOA01-005DL
qc_type	NM	qc_type	NM	qc_type	NM
units	UG/KG	units	UG/KG	units	UG/KG
Pct_Solids	82.0	Pct_Solids	82.0	Pct_Solids	82.0
DUP_OF:		DUP_OF:		DUP_OF:	

Parameter	Result	Val Qual	Qual Code
1,1,1,2-TETRACHLOROETHANE	87	U	
1,1,2,2-TETRACHLOROETHANE	87	U	
1,1,2-TRICHLOROETHANE	87	U	
1,1-DICHLOROETHANE	11000		
1,1-DICHLOROETHENE	1000		
1,2,3-TRICHLOROPROPANE	87	U	
1,2-DIBROMO-3-CHLOROPROPANE	87	U	
1,2-DIBROMOETHANE	87	U	
1,2-DICHLOROETHANE	87	U	
1,2-DICHLOROPROPANE	87	U	
2-BUTANONE	440	U	
2-HEXANONE	440	U	
3-CHLOROPROPENE	440	U	
4-METHYL-2-PENTANONE	440	U	
ACETONE	200	J	P
ACROLEIN	440	U	
ACRYLONITRILE	440	U	
BENZENE	87	U	
BROMODICHLOROMETHANE	87	U	
BROMOFORM	87	U	
BROMOMETHANE	87	U	
CARBON DISULFIDE	87	U	
CARBON TETRACHLORIDE	87	U	
CHLOROBENZENE	87	U	
CHLORODIBROMOMETHANE	87	U	
CHLOROETHANE	340		
CHLOROFORM	87	U	
CHLOROMETHANE	87	U	
CHLOROPRENE	440	U	
CIS-1,3-DICHLOROPROPENE	87	U	
DIBROMOMETHANE	87	U	
DICHLORODIFLUOROMETHANE	87	U	

Parameter	Result	Val Qual	Qual Code
ETHYL METHACRYLATE	440	U	
ETHYLBENZENE	87	U	
METHACRYLONITRILE	870	U	
METHYL IODIDE	440	U	
METHYL METHACRYLATE	440	U	
METHYL TERT-BUTYL ETHER	87	U	
METHYLENE CHLORIDE	87	U	
STYRENE	87	U	
TETRACHLOROETHENE	64	J	P
TOLUENE	640		
TOTAL XYLENES	180		
TRANS-1,2-DICHLOROETHENE	180		
TRANS-1,3-DICHLOROPROPENE	87	U	
TRANS-1,4-DICHLORO-2-BUTENE	440	U	
TRICHLOROETHENE	250		
TRICHLOROFLUOROMETHANE	87	U	
VINYL ACETATE	440	U	
VINYL CHLORIDE	150		

Parameter	Result	Val Qual	Qual Code
1,1,1-TRICHLOROETHANE	69000		
CIS-1,2-DICHLOROETHENE	120000		

PROJ_NO: 00352

SDG: VOA01 MEDIA: SOIL DATA FRACTION: TCLPV

nsample	08SB01072307	nsample	08SB02072307	nsample	08SB03072307
samp_date	7/23/2007 8:38:00 AM	samp_date	7/23/2007 9:41:00 AM	samp_date	7/23/2007 10:51:00 AM
lab_id	VOA01-001	lab_id	VOA01-002	lab_id	VOA01-003
qc_type	NM	qc_type	NM	qc_type	NM
units	UG/L	units	UG/L	units	UG/L
Pct_Solids	67.3	Pct_Solids	61.9	Pct_Solids	75.6
DUP_OF:		DUP_OF:		DUP_OF:	

Parameter	Result	Val Qual	Qual Code
1,1-DICHLOROETHENE	93		
1,2-DICHLOROETHANE	50	U	
2-BUTANONE	250	U	
BENZENE	50	U	
CARBON TETRACHLORIDE	50	U	
CHLOROBENZENE	50	U	
CHLOROFORM	50	U	
TETRACHLOROETHENE	50	U	
TRICHLOROETHENE	62		
VINYL CHLORIDE	50	U	

Parameter	Result	Val Qual	Qual Code
1,1-DICHLOROETHENE	91		
1,2-DICHLOROETHANE	50	U	
2-BUTANONE	250	U	
BENZENE	50	U	
CARBON TETRACHLORIDE	50	U	
CHLOROBENZENE	50	U	
CHLOROFORM	50	U	
TETRACHLOROETHENE	50	U	
TRICHLOROETHENE	220		
VINYL CHLORIDE	50	U	

Parameter	Result	Val Qual	Qual Code
1,1-DICHLOROETHENE	28	J	P
1,2-DICHLOROETHANE	50	U	
2-BUTANONE	250	U	
BENZENE	50	U	
CARBON TETRACHLORIDE	50	U	
CHLOROBENZENE	50	U	
CHLOROFORM	50	U	
TETRACHLOROETHENE	50	U	
TRICHLOROETHENE	50	U	
VINYL CHLORIDE	310		

PROJ_NO: 00352

SDG: VOA01 MEDIA: SOIL DATA FRACTION: TCLPV

nsample	08SB04072307	nsample	08SB05072307
samp_date	7/23/2007 11:50:00 AM	samp_date	7/23/2007 12:30:00 PM
lab_id	VOA01-004	lab_id	VOA01-005
qc_type	NM	qc_type	NM
units	UG/L	units	UG/L
Pct_Solids	75.6	Pct_Solids	67.1
DUP_OF:		DUP_OF:	

Parameter	Result	Val Qual	Qual Code
1,1-DICHLOROETHENE	57		
1,2-DICHLOROETHANE	50	U	
2-BUTANONE	250	U	
BENZENE	50	U	
CARBON TETRACHLORIDE	50	U	
CHLOROBENZENE	50	U	
CHLOROFORM	50	U	
TETRACHLOROETHENE	50	U	
TRICHLOROETHENE	50	U	
VINYL CHLORIDE	50	U	

Parameter	Result	Val Qual	Qual Code
1,1-DICHLOROETHENE	64		
1,2-DICHLOROETHANE	50	U	
2-BUTANONE	250	U	
BENZENE	50	U	
CARBON TETRACHLORIDE	50	U	
CHLOROBENZENE	50	U	
CHLOROFORM	50	U	
TETRACHLOROETHENE	50	U	
TRICHLOROETHENE	50	U	
VINYL CHLORIDE	50	U	

APPENDIX D

FIXED-BASE LABORATORY ANALTYICAL RESULTS FOR CONFIRMATION SAMPLES COLLECTED OCTBER 3 AND 4, AND NOVEMBER 12, 2007 (TETRA TECH)

RA TECH NUS, INC. | CHAIN OF CUSTODY | NUMBER 3267 | PAGE 1 OF 1

PROJECT NO:	FACILITY:	PROJECT MANAGER	PHONE NUMBER	LABORATORY NAME AND CONTACT:
112G00447	NSWC Crane	Basinski	412-921-8308	Lowcks Laboratories
SAMPLERS (SIGNATURE)		FIELD OPERATIONS LEADER	PHONE NUMBER	ADDRESS
[signature]		Goerdt	412-443-0294	940 So. Harney St.
		CARRIER/WAYBILL NUMBER		CITY, STATE
		8616 5831 5978		Seattle, WA 98108

STANDARD TAT ☐
RUSH TAT ☒
☒ 24 hr. ☐ 48 hr. ☐ 72 hr. ☐ 7 day ☐ 14 day

CONTAINER TYPE PLASTIC (P) or GLASS (G): Encore, G
PRESERVATIVE USED: 4°C, 4°C

DATE YEAR 2007	TIME	SAMPLE ID	LOCATION ID	TOP DEPTH (FT)	BOTTOM DEPTH (FT)	MATRIX (GW, SO, SW, SD, QC, ETC.)	COLLECTION METHOD GRAP (G) COMP (C)	No. OF CONTAINERS	TYPE OF ANALYSIS: VOCs SW8260 Encore	% moisture	COMMENTS
10/03	1250	085SW001	001	0	2	SO	G	4	3	1	
10/03	1258	085SW002	002								
10/03	1305	085SW003	003								
10/03	1315	085SW004	004								
10/03	1325	085SW005	005								
10/03	1330	085SW006	006								
10/03	1346	085SW007	007								
10/03	1352	085SW008	008								
10/03	1400	085SW009	009								
10/03	1409	085SW010	010								
10/03	1420	085SW011	011						9	1	Do MS/MSD
10/03	1425	085SW012	012						3	1	
10/03	1435	085SW013	013						3	1	

	DATE	TIME		DATE	TIME
1. RELINQUISHED BY: J. Goerdt	10/4/07	1800	1. RECEIVED BY		
2. RELINQUISHED BY			2. RECEIVED BY		
3. RELINQUISHED BY			3. RECEIVED BY		

COMMENTS

DISTRIBUTION: WHITE (ACCOMPANIES SAMPLE) YELLOW (FIELD COPY) PINK (FILE COPY)

4/02R
FORM NO. TtNUS-001

TETRA TECH NUS, INC. CHAIN OF CUSTODY | NUMBER 3268 | PAGE 2 OF 2

PROJECT NO:	FACILITY:	PROJECT MANAGER	PHONE NUMBER	LABORATORY NAME AND CONTACT:
112G00447	NSWC Crane	Basinski	412921 8308	Lowco Laboratories
SAMPLERS (SIGNATURE)		FIELD OPERATIONS LEADER	PHONE NUMBER	ADDRESS
[signature]		Goerdt	4124430244	940 So. Harney St
		CARRIER/WAYBILL NUMBER		CITY, STATE
		8616 5831 5978		Seattle, WA 98108

STANDARD TAT ☐
RUSH TAT ☒
☒ 24 hr. ☐ 48 hr. ☐ 72 hr. ☐ 7 day ☐ 14 day

CONTAINER TYPE PLASTIC (P) or GLASS (G): G
PRESERVATIVE USED: 4oC 4oC
TYPE OF ANALYSIS: PCBs SW 846 8260B; % moisture

DATE YEAR 2007	TIME	SAMPLE ID	LOCATION ID	TOP DEPTH (FT)	BOTTOM DEPTH (FT)	MATRIX (GW, SO, SW, SD, QC, ETC.)	COLLECTION METHOD GRAP (G) COMP (C)	No. OF CONTAINERS	PCBs	SW 846 8260B	% moisture						COMMENTS
10/03	0000	08FD10030701	FD	0	2	SO	G	4	3	1							
10/04	1229	0855W014	014	0	2	SO	G	4	3	1							
10/04	1231	0855W015	015	0	2	SO	G	4	3	1							Hot
10/04	1240	0855W016	016	0	2	SO	G	4	3	1							

1. RELINQUISHED BY	DATE	TIME	1. RECEIVED BY	DATE	TIME
J. Goerdt	10-4-07	1800			
2. RELINQUISHED BY	DATE	TIME	2. RECEIVED BY	DATE	TIME
3. RELINQUISHED BY	DATE	TIME	3. RECEIVED BY	DATE	TIME

COMMENTS

DISTRIBUTION: WHITE (ACCOMPANIES SAMPLE) YELLOW (FILE COPY) PINK (FILE COPY)

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FORM NO. TtNUS-001

TETRA TECH NUS, INC. CHAIN OF CUSTODY NUMBER 0188 PAGE 1 OF

PROJECT NO:	FACILITY:	PROJECT MANAGER	PHONE NUMBER	LABORATORY NAME AND CONTACT:
112G00352	NSWC Crane	R. Basinski	412-921-8308	Elaine Walker / Lauck
SAMPLERS (SIGNATURE)		FIELD OPERATIONS LEADER	PHONE NUMBER	ADDRESS
		J. Goerdt	412-921-8425	940 So. Harney St
		CARRIER/WAYBILL NUMBER		CITY, STATE
		FedEx-861658315897		Seattle WA 98108

STANDARD TAT ☒
RUSH TAT ☐
☐ 24 hr. ☐ 48 hr. ☐ 72 hr. ☐ 7 day ☐ 14 day

DATE YEAR 2002	TIME	SAMPLE ID	LOCATION ID	TOP DEPTH (FT)	BOTTOM DEPTH (FT)	MATRIX (GW, SO, SW, SD, QC, ETC.)	COLLECTION METHOD GRAB (G) COMP (C)	No. OF CONTAINERS	CONTAINER TYPE PLASTIC (P) or GLASS (G)									COMMENTS
PRESERVATIVE USED																		
TYPE OF ANALYSIS									VOC 8260B	8260B	VOC 8260B							
										0/0 moisture		HCL						
11/12	1230	08SSC001	001	0	1	SO	G	4	3	1								
11/12	1237	08SSC002	002					4 10	3 9	1								DO MS/MSD VOC
11/12	1244	08SSC003	003					4	3	1								
11/12	1252	08SSC004	004					4	3	1								
11/12	1300	08SSC005	005					4	3	1								
11/12	1310	08SSC006	006					4	3	1								
11/12	0000	08FD111207 01	FD			QC		4	3	1								
11/12	1410	08TB111207 01	QC	NA	NA	QC		1			1							

	DATE	TIME		DATE	TIME
1. RELINQUISHED BY	11-12-02	1800	1. RECEIVED BY		
2. RELINQUISHED BY			2. RECEIVED BY		
3. RELINQUISHED BY			3. RECEIVED BY		

COMMENTS

DISTRIBUTION: WHITE (ACCOMPANIES SAMPLE) YELLOW (FIELD COPY) PINK (FILE COPY)

4/02R
FORM NO. TtNUS-001

CONFIRMATION SAMPLE ANALYSIS RESULTS
SWMU 8 - BUILDING 106 POND
NSWC CRANE
CRANE, INDIANA

SAMPLE LOCATION / SAMPLE ID SAMPLE DATE	08SSW001 10/3/2007		08SSW002 10/3/2007		08SSW003 10/3/2007		08SSW004 10/3/2007		08SSW005 10/3/2007	
PARAMETER										
1,1,1-TRICHLOROETHANE	87		1	U	41		260	J	1.1	U
1,1,2,2-TETRACHLOROETHANE	1.1	U	1	U	1	UJ	1	U	1.1	U
1,1,2-TRICHLOROETHANE	1.1	U	1	U	1	U	1	U	1.1	U
1,1,2-TRICHLOROTRIFLUOROETHANE	1.1	UJ	1	UJ	1	UJ	1	UJ	1.1	UJ
1,1-DICHLOROETHANE	150		32		84		230	J	4.6	
1,1-DICHLOROETHENE	3.1	J	1	U	1	U	3.3		1.1	U
1,2,4-TRICHLOROBENZENE	1.1	U	1	U	1	UJ	1	U	1.1	U
1,2-DIBROMO-3-CHLOROPROPANE	1.1	U	1	U	1	UJ	1	U	1.1	U
1,2-DIBROMOETHANE	1.1	U	1	U	1	U	1	U	1.1	U
1,2-DICHLOROBENZENE	1.1	U	1	U	1	UJ	1	U	1.1	U
1,2-DICHLOROETHANE	1.1	U	1	U	1	U	1	U	1.1	U
1,2-DICHLOROPROPANE	1.1	U	1	U	1	U	1	U	1.1	U
1,3-DICHLOROBENZENE	1.1	U	1	U	1	UJ	1	U	1.1	U
1,4-DICHLOROBENZENE	1.1	U	1	U	1	UJ	1	U	1.1	U
2-BUTANONE	1.1	U	1	U	1	U	5.5	J	1.1	U
2-HEXANONE	1.1	U	1	U	1	U	1	U	1.1	U
4-METHYL-2-PENTANONE	1.1	U	1	U	1	U	1	U	1.1	U
ACETONE	4.1	U	9	U	7	U	28	U	16	U
BENZENE	1.1	U	1	U	1	U	1	U	1.1	U
BROMODICHLOROMETHANE	1.1	U	1	U	1	U	1	U	1.1	U
BROMOFORM	1.1	U	1	U	1	U	1	U	1.1	U
BROMOMETHANE	1.1	U	1	U	1	U	1	U	1.1	U
CARBON DISULFIDE	1.1	U	1	U	1	U	1	U	1.1	U
CARBON TETRACHLORIDE	1.1	U	1	U	1	U	1	U	1.1	U
CHLOROBENZENE	1.1	U	1	U	1	U	1	U	1.1	U
CHLORODIBROMOMETHANE	1.1	U	1	U	1	U	1	U	1.1	U
CHLOROETHANE	3.8		97		14		340	J	10	
CHLOROFORM	1.1	U	1	U	1	U	1	U	1.1	U
CHLOROMETHANE	1.1	U	1	U	1	U	1	U	1.1	U
CIS-1,2-DICHLOROETHENE	220		5.5		390	J	240		2.1	J
CIS-1,3-DICHLOROPROPENE	1.1	U	1	U	1	U	1	U	1.1	U

CONFIRMATION SAMPLE ANALYSIS RESULTS
SWMU 8 - BUILDING 106 POND
NSWC CRANE
CRANE, INDIANA

SAMPLE LOCATION / SAMPLE ID SAMPLE DATE	08SSW001 10/3/2007		08SSW002 10/3/2007		08SSW003 10/3/2007		08SSW004 10/3/2007		08SSW005 10/3/2007	
PARAMETER										
CYCLOHEXANE	1.1	U	1	U	1	U	1.8	J	1.1	U
DICHLORODIFLUOROMETHANE	1.1	U	1	U	1	U	1	U	1.1	U
ETHYLBENZENE	1.1	U	1	U	1	U	2.1	J	1.1	U
ISOPROPYLBENZENE	1.1	U	1	U	1	U	2.1	J	1.1	U
M+P-XYLENES	1.1	U	1	U	1	U	9.4		1.1	U
METHYL ACETATE	1.1	U	1	U	1	U	1	U	1.1	U
METHYL CYCLOHEXANE	1.1	U	1	U	1	U	7.7		1.1	U
METHYL TERT-BUTYL ETHER	1.1	U	1	U	1	U	1	U	1.1	U
METHYLENE CHLORIDE	1.1	UJ	1	UJ	1	UJ	1	UJ	1.1	UJ
O-XYLENE	1.1	U	1	U	1	U	5		1.1	U
STYRENE	1.1	U	1	U	1	U	1	U	1.1	U
TETRACHLOROETHENE	1.1	U	1	U	1	U	15		1.1	U
TOLUENE	1.1	U	1	U	1	U	5.3		1.1	U
TOTAL XYLENES	1.1	U	1	U	1	U	14		1.1	U
TRANS-1,2-DICHLOROETHENE	1.1	U	1	U	1	U	9.1		1.1	U
TRANS-1,3-DICHLOROPROPENE	1.1	U	1	U	1	U	1	U	1.1	U
TRICHLOROETHENE	12		1	U	6.9		550		2	J
TRICHLOROFLUOROMETHANE	1.1	U	1	U	1	U	1	U	1.1	U
VINYL CHLORIDE	1.1	U	3	J	1	U	74		1.1	U

SSW = surface soil from pond wall
SSC = surface soil from staging areas

Data Qualifiers:
J = estimated
U = non-detect

CONFIRMATION SAMPLE ANALYSIS RESULTS
SWMU 8 - BUILDING 106 POND
NSWC CRANE
CRANE, INDIANA

SAMPLE LOCATION / SAMPLE ID SAMPLE DATE	08SSW006 10/3/2007		08SSW007 10/3/2007		08SSW008 10/3/2007		08SSW009 10/3/2007		08SSW010 10/3/2007	
PARAMETER										
1,1,1-TRICHLOROETHANE	13	J	7.1		2.8	J	99		1.7	J
1,1,2,2-TETRACHLOROETHANE	1.7	U	1.3	U	1.1	U	0.96	U	1	U
1,1,2-TRICHLOROETHANE	1.7	U	1.3	U	1.1	U	0.96	U	1	U
1,1,2-TRICHLOROTRIFLUOROETHANE	1.7	UJ	1.3	UJ	1.1	UJ	0.96	UJ	1	UJ
1,1-DICHLOROETHANE	8.2	J	1.3	U	1.1	U	11		1	U
1,1-DICHLOROETHENE	1.7	U	1.3	U	1.1	U	0.96	U	1	U
1,2,4-TRICHLOROBENZENE	1.7	U	1.3	U	1.1	U	0.96	U	1	U
1,2-DIBROMO-3-CHLOROPROPANE	1.7	U	1.3	U	1.1	U	0.96	U	1	U
1,2-DIBROMOETHANE	1.7	U	1.3	U	1.1	U	0.96	U	1	U
1,2-DICHLOROBENZENE	1.7	U	1.3	U	1.1	U	0.96	U	1	U
1,2-DICHLOROETHANE	1.7	U	1.3	U	1.1	U	0.96	U	1	U
1,2-DICHLOROPROPANE	1.7	U	1.3	U	1.1	U	0.96	U	1	U
1,3-DICHLOROBENZENE	1.7	U	1.3	U	1.1	U	0.96	U	1	U
1,4-DICHLOROBENZENE	1.7	U	1.3	U	1.1	U	0.96	U	1	U
2-BUTANONE	1.7	U	1.3	U	1.1	U	0.96	U	1	U
2-HEXANONE	1.7	U	1.3	U	1.1	U	0.96	U	1	U
4-METHYL-2-PENTANONE	1.7	U	1.3	U	1.1	U	0.96	U	1	U
ACETONE	12	U	4.6	U	5.8	U	11	U	5.7	U
BENZENE	1.7	U	1.3	U	1.1	U	0.96	U	1	U
BROMODICHLOROMETHANE	1.7	U	1.3	U	1.1	U	0.96	U	1	U
BROMOFORM	1.7	U	1.3	U	1.1	U	0.96	U	1	U
BROMOMETHANE	1.7	U	1.3	U	1.1	U	0.96	U	1	U
CARBON DISULFIDE	1.7	U	1.3	U	1.1	U	0.96	U	1	U
CARBON TETRACHLORIDE	1.7	U	1.3	U	1.1	U	0.96	U	1	U
CHLOROBENZENE	1.7	U	1.3	U	1.1	U	0.96	U	1	U
CHLORODIBROMOMETHANE	1.7	U	1.3	U	1.1	U	0.96	U	1	U
CHLOROETHANE	4.8	J	1.3	U	1.1	U	0.96	U	1	U
CHLOROFORM	1.7	U	1.3	U	1.1	U	0.96	U	1	U
CHLOROMETHANE	1.7	U	1.3	U	1.1	U	0.96	U	1	U
CIS-1,2-DICHLOROETHENE	13	J	5		1.3	J	87		1	U
CIS-1,3-DICHLOROPROPENE	1.7	U	1.3	U	1.1	U	0.96	U	1	U

CONFIRMATION SAI : ANALYSIS RESULTS
SWMU 8 - BUILDING 106 POND
NSWC CRANE
CRANE, INDIANA

SAMPLE LOCATION / SAMPLE ID SAMPLE DATE	08SSW006 10/3/2007		08SSW007 10/3/2007		08SSW008 10/3/2007		08SSW009 10/3/2007		08SSW010 10/3/2007	
PARAMETER										
CYCLOHEXANE	1.7	U	1.3	U	1.1	U	0.96	U	1	U
DICHLORODIFLUOROMETHANE	1.7	U	1.3	U	1.1	U	0.96	U	1	U
ETHYLBENZENE	1.7	U	1.3	U	1.1	U	0.96	U	1	U
ISOPROPYLBENZENE	1.7	U	1.3	U	1.1	U	0.96	U	1	U
M+P-XYLENES	1.7	U	1.3	U	1.1	U	0.96	U	1	U
METHYL ACETATE	1.7	U	1.3	U	1.1	U	0.96	U	1	U
METHYL CYCLOHEXANE	1.7	U	1.3	U	1.1	U	0.96	U	1	U
METHYL TERT-BUTYL ETHER	1.7	U	1.3	U	1.1	U	0.96	U	1	U
METHYLENE CHLORIDE	24	U	1.3	UJ	22	U	0.96	UJ	1	UJ
O-XYLENE	1.7	U	1.3	U	1.1	U	0.96	U	1	U
STYRENE	1.7	U	1.3	U	1.1	U	0.96	U	1	U
TETRACHLOROETHENE	1.7	U	1.3	U	1.1	U	0.96	U	1	U
TOLUENE	1.7	U	1.3	U	1.1	U	0.96	U	1	U
TOTAL XYLENES	1.7	U	1.3	U	1.1	U	0.96	U	1	U
TRANS-1,2-DICHLOROETHENE	1.7	U	1.3	U	1.1	U	0.96	U	1	U
TRANS-1,3-DICHLOROPROPENE	1.7	U	1.3	U	1.1	U	0.96	U	1	U
TRICHLOROETHENE	2.1	J	7.5		5.9		150		1	U
TRICHLOROFLUOROMETHANE	1.7	U	1.3	U	1.1	U	0.96	U	1	U
VINYL CHLORIDE	1.7	U	1.3	U	1.1	U	0.96	U	1	U

SSW = surface soil from pond wall
SSC = surface soil from staging areas

Data Qualifiers:
J = estimated
U = non-detect

CONFIRMATION SAMPLE ANALYSIS RESULTS
SWMU 8 - BUILDING 106 POND
NSWC CRANE
CRANE, INDIANA

SAMPLE LOCATION / SAMPLE ID SAMPLE DATE	08SSW011 10/3/2007		08SSW012 10/3/2007		08SSW013 10/3/2007		08SSW014 10/4/2007		08SSW015 10/4/2007	
PARAMETER										
1,1,1-TRICHLOROETHANE	93	J	22		47		7.4		1.1	U
1,1,2,2-TETRACHLOROETHANE	1	U	1.1	U	1.1	U	1.5	U	1.1	U
1,1,2-TRICHLOROETHANE	1	U	1.1	U	1.1	U	1.5	U	1.1	U
1,1,2-TRICHLOROTRIFLUOROETHANE	1	UJ	1.1	UJ	1.1	UJ	1.5	UJ	1.1	UJ
1,1-DICHLOROETHANE	9.2		2.1	J	23		77		13	
1,1-DICHLOROETHENE	1	U	1.1	U	1.1	U	1.5	U	1.1	U
1,2,4-TRICHLOROBENZENE	1	UJ	1.1	U	1.1	U	1.5	U	1.1	U
1,2-DIBROMO-3-CHLOROPROPANE	1	U	1.1	U	1.1	U	1.5	U	1.1	U
1,2-DIBROMOETHANE	1	U	1.1	U	1.1	U	1.5	U	1.1	U
1,2-DICHLOROBENZENE	1	UJ	1.1	U	1.1	U	1.5	U	1.1	U
1,2-DICHLOROETHANE	1	U	1.1	U	1.1	U	1.5	U	1.1	U
1,2-DICHLOROPROPANE	1	U	1.1	U	1.1	U	1.5	U	1.1	U
1,3-DICHLOROBENZENE	1	UJ	1.1	U	1.1	U	1.5	U	1.1	U
1,4-DICHLOROBENZENE	1	UJ	1.1	U	1.1	U	1.5	U	1.1	U
2-BUTANONE	1	U	1.1	U	1.1	U	51		3.7	J
2-HEXANONE	1	UJ	1.1	U	1.1	U	1.5	U	1.1	U
4-METHYL-2-PENTANONE	1	U	1.1	U	1.1	U	1.5	U	1.1	U
ACETONE	5.7	U	7.8	U	7.8	U	170		24	U
BENZENE	1	U	1.1	U	1.1	U	1.5	U	1.1	U
BROMODICHLOROMETHANE	1	U	1.1	U	1.1	U	1.5	U	1.1	U
BROMOFORM	1	U	1.1	U	1.1	U	1.5	U	1.1	U
BROMOMETHANE	1	U	1.1	U	1.1	U	1.5	U	1.1	U
CARBON DISULFIDE	1	U	1.1	U	1.1	U	1.5	U	1.1	U
CARBON TETRACHLORIDE	1	U	1.1	U	1.1	U	1.5	U	1.1	U
CHLOROBENZENE	1	U	1.1	U	1.1	U	1.5	U	1.1	U
CHLORODIBROMOMETHANE	1	U	1.1	U	1.1	U	1.5	U	1.1	U
CHLOROETHANE	1	U	1.1	U	1.1	U	290		1.1	U
CHLOROFORM	1	U	1.1	U	1.1	U	1.5	U	1.1	U
CHLOROMETHANE	1	U	1.1	U	1.1	U	1.5	U	1.1	U
CIS-1,2-DICHLOROETHENE	74	J	10		140		140		3.9	
CIS-1,3-DICHLOROPROPENE	1	UJ	1.1	U	1.1	U	1.5	U	1.1	U

CONFIRMATION SAMPLE ANALYSIS RESULTS
SWMU 8 - BUILDING 106 POND
NSWC CRANE
CRANE, INDIANA

SAMPLE LOCATION / SAMPLE ID SAMPLE DATE	08SSW011 10/3/2007		08SSW012 10/3/2007		08SSW013 10/3/2007		08SSW014 10/4/2007		08SSW015 10/4/2007	
PARAMETER										
CYCLOHEXANE	1	U	1.1	U	1.1	U	1.5	U	1.1	U
DICHLORODIFLUOROMETHANE	1	U	1.1	U	1.1	U	1.5	U	1.1	U
ETHYLBENZENE	1	U	1.1	U	1.1	U	1.5	U	1.1	U
ISOPROPYLBENZENE	1	U	1.1	U	1.1	U	1.5	U	1.1	U
M+P-XYLENES	1	UJ	1.1	U	1.1	U	1.5	U	1.1	U
METHYL ACETATE	1	U	1.1	U	1.1	U	1.5	U	1.1	U
METHYL CYCLOHEXANE	1	U	1.1	U	1.1	U	1.5	U	1.1	U
METHYL TERT-BUTYL ETHER	1	U	1.1	U	1.1	U	1.5	U	1.1	U
METHYLENE CHLORIDE	1	UJ	1.1	UJ	14	U	1.5	UJ	1.1	UJ
O-XYLENE	1	UJ	1.1	U	1.1	U	1.5	U	1.1	U
STYRENE	1	UJ	1.1	U	1.1	U	1.5	U	1.1	U
TETRACHLOROETHENE	1	U	1.1	U	1.1	U	1.5	U	1.1	U
TOLUENE	1	U	1.1	U	1.1	U	4	J	1.1	U
TOTAL XYLENES	1	UJ	1.1	U	1.1	U	1.5	U	1.1	U
TRANS-1,2-DICHLOROETHENE	1	U	1.1	U	1.1	U	4.7		1.1	U
TRANS-1,3-DICHLOROPROPENE	1	U	1.1	U	1.1	U	1.5	U	1.1	U
TRICHLOROETHENE	28	J	6.4		1.5	J	1.5	U	2.5	J
TRICHLOROFLUOROMETHANE	1	U	1.1	U	1.1	U	1.5	U	1.1	U
VINYL CHLORIDE	1	U	1.1	U	1.1	U	51		1.1	U

SSW = surface soil from pond wall
SSC = surface soil from staging areas

Data Qualifiers:
J = estimated
U = non-detect

CONFIRMATION SAMPLE ANALYSIS RESULTS
SWMU 8 - BUILDING 106 POND
NSWC CRANE
CRANE, INDIANA

SAMPLE LOCATION / SAMPLE ID SAMPLE DATE	08SSW016 10/4/2007		08SSC001 11/12/2007		08SSC002 11/12/2007		08SSC003 11/12/2007		08SSC004 11/12/2007	
PARAMETER										
1,1,1-TRICHLOROETHANE	1.2	U	0.95	U	0.94	U	1.1	U	1	U
1,1,2,2-TETRACHLOROETHANE	1.2	U	0.95	U	0.94	U	1.1	U	1	U
1,1,2-TRICHLOROETHANE	1.2	U	0.95	U	0.94	U	1.1	U	1	U
1,1,2-TRICHLOROTRIFLUOROETHANE	1.2	UJ	0.95	U	0.94	U	1.1	U	1	U
1,1-DICHLOROETHANE	1.2	U	0.95	U	0.94	UJ	1.1	U	1	U
1,1-DICHLOROETHENE	1.2	U	0.95	U	0.94	U	1.1	U	1	U
1,2,4-TRICHLOROBENZENE	1.2	U	0.95	U	0.94	UJ	1.1	U	1	U
1,2-DIBROMO-3-CHLOROPROPANE	1.2	U	0.95	U	0.94	U	1.1	U	1	U
1,2-DIBROMOETHANE	1.2	U	0.95	U	0.94	U	1.1	U	1	U
1,2-DICHLOROBENZENE	1.2	U	0.95	U	0.94	UJ	1.1	U	1	U
1,2-DICHLOROETHANE	1.2	U	0.95	U	0.94	U	1.1	U	1	U
1,2-DICHLOROPROPANE	1.2	U	0.95	U	0.94	U	1.1	U	1	U
1,3-DICHLOROBENZENE	1.2	U	0.95	U	0.94	U	1.1	U	1	U
1,4-DICHLOROBENZENE	1.2	U	0.95	U	0.94	U	1.1	U	1	U
2-BUTANONE	15		0.95	U	0.94	U	1.1	U	1	U
2-HEXANONE	1.2	U	0.95	U	0.94	U	1.1	U	1	U
4-METHYL-2-PENTANONE	1.2	U	0.95	U	0.94	U	1.1	U	1	U
ACETONE	52		2.6	U	1.6	U	2.4	U	2.3	U
BENZENE	1.2	U	0.95	U	0.94	UJ	1.1	U	1	U
BROMODICHLOROMETHANE	1.2	U	0.95	U	0.94	U	1.1	U	1	U
BROMOFORM	1.2	U	0.95	U	0.94	U	1.1	U	1	U
BROMOMETHANE	1.2	U	0.95	U	0.94	U	1.1	U	1	U
CARBON DISULFIDE	1.2	U	0.95	U	0.94	U	1.1	U	1	U
CARBON TETRACHLORIDE	1.2	U	0.95	U	0.94	U	1.1	U	1	U
CHLOROBENZENE	1.2	U	0.95	U	0.94	U	1.1	U	1	U
CHLORODIBROMOMETHANE	1.2	U	0.95	U	0.94	U	1.1	U	1	U
CHLOROETHANE	1.2	U	0.95	U	0.94	U	1.1	U	1	U
CHLOROFORM	1.2	U	0.95	U	0.94	U	1.1	U	1	U
CHLOROMETHANE	1.2	U	0.95	UJ	0.94	UJ	1.1	UJ	1	UJ
CIS-1,2-DICHLOROETHENE	2.9	J	0.95	U	0.94	U	1.1	U	1	U
CIS-1,3-DICHLOROPROPENE	1.2	U	0.95	U	0.94	U	1.1	U	1	U

CONFIRMATION SAMPLE ANALYSIS RESULTS
SWMU 8 - BUILDING 106 POND
NSWC CRANE
CRANE, INDIANA

SAMPLE LOCATION / SAMPLE ID SAMPLE DATE	08SSW016 10/4/2007		08SSC001 11/12/2007		08SSC002 11/12/2007		08SSC003 11/12/2007		08SSC004 11/12/2007	
PARAMETER										
CYCLOHEXANE	1.2	U	0.95	U	0.94	U	1.1	U	1	U
DICHLORODIFLUOROMETHANE	1.2	U	0.95	U	0.94	U	1.1	U	1	U
ETHYLBENZENE	1.2	U	0.95	U	0.94	U	1.1	U	1	U
ISOPROPYLBENZENE	1.2	U	0.95	U	0.94	UJ	1.1	U	1	U
M+P-XYLENES	1.2	U	0.95	U	0.94	UJ	1.1	U	1	U
METHYL ACETATE	1.2	U	0.95	U	0.94	U	1.1	U	1	U
METHYL CYCLOHEXANE	1.2	U	0.95	U	0.94	U	1.1	U	1	U
METHYL TERT-BUTYL ETHER	1.2	U	0.95	U	0.94	U	1.1	U	1	U
METHYLENE CHLORIDE	1.2	UJ	0.95	U	0.94	U	1.1	U	1	U
O-XYLENE	1.2	U	0.95	U	0.94	UJ	1.1	U	1	U
STYRENE	1.2	U	0.95	U	0.94	UJ	1.1	U	1	U
TETRACHLOROETHENE	1.2	U	0.95	UJ	0.94	UJ	1.1	UJ	1	UJ
TOLUENE	1.2	U	0.95	U	0.94	U	1.1	U	1	U
TOTAL XYLENES	1.2	U	0.95	U	0.94	U	1.1	U	1	U
TRANS-1,2-DICHLOROETHENE	1.2	U	0.95	U	0.94	U	1.1	U	1	U
TRANS-1,3-DICHLOROPROPENE	1.2	U	0.95	U	0.94	U	1.1	U	1	U
TRICHLOROETHENE	1.2	U	0.95	U	0.94	U	1.1	U	1	U
TRICHLOROFLUOROMETHANE	1.2	U	0.95	U	0.94	U	1.1	U	1	U
VINYL CHLORIDE	1.2	U	0.95	U	0.94	U	1.1	U	1	U

SSW = surface soil from pond wall
SSC = surface soil from staging areas

Data Qualifiers:
J = estimated
U = non-detect

CONFIRMATION SAMPLE ANALYSIS RESULTS
SWMU 8 - BUILDING 106 POND
NSWC CRANE
CRANE, INDIANA

SAMPLE LOCATION / SAMPLE ID SAMPLE DATE	08SSC005 11/12/2007		08SSC006 11/12/2007	
PARAMETER				
1,1,1-TRICHLOROETHANE	1	U	0.88	U
1,1,2,2-TETRACHLOROETHANE	1	U	0.88	U
1,1,2-TRICHLOROETHANE	1	U	0.88	U
1,1,2-TRICHLOROTRIFLUOROETHANE	1	U	0.88	U
1,1-DICHLOROETHANE	1	U	0.88	U
1,1-DICHLOROETHENE	1	U	0.88	U
1,2,4-TRICHLOROBENZENE	1	U	0.88	U
1,2-DIBROMO-3-CHLOROPROPANE	1	U	0.88	U
1,2-DIBROMOETHANE	1	U	0.88	U
1,2-DICHLOROBENZENE	1	U	0.88	U
1,2-DICHLOROETHANE	1	U	0.88	U
1,2-DICHLOROPROPANE	1	U	0.88	U
1,3-DICHLOROBENZENE	1	U	0.88	U
1,4-DICHLOROBENZENE	1	U	0.88	U
2-BUTANONE	1	U	0.88	U
2-HEXANONE	1	U	0.88	U
4-METHYL-2-PENTANONE	1	U	0.88	U
ACETONE	2.4	U	1.6	U
BENZENE	1	U	0.88	U
BROMODICHLOROMETHANE	1	U	0.88	U
BROMOFORM	1	U	0.88	U
BROMOMETHANE	1	U	0.88	U
CARBON DISULFIDE	1	U	0.88	U
CARBON TETRACHLORIDE	1	U	0.88	U
CHLOROBENZENE	1	U	0.88	U
CHLORODIBROMOMETHANE	1	U	0.88	U
CHLOROETHANE	1	U	0.88	U
CHLOROFORM	1	U	0.88	U
CHLOROMETHANE	1	UJ	0.88	UJ
CIS-1,2-DICHLOROETHENE	1	U	0.88	U
CIS-1,3-DICHLOROPROPENE	1	U	0.88	U

CONFIRMATION SAI : ANALYSIS RESULTS
SWMU 8 - BUILDING 106 POND
NSWC CRANE
CRANE, INDIANA

SAMPLE LOCATION / SAMPLE ID **SAMPLE DATE**	08SSC005 11/12/2007		08SSC006 11/12/2007	
PARAMETER				
CYCLOHEXANE	1	U	0.88	U
DICHLORODIFLUOROMETHANE	1	U	0.88	U
ETHYLBENZENE	1	U	0.88	U
ISOPROPYLBENZENE	1	U	0.88	U
M+P-XYLENES	1	U	0.88	U
METHYL ACETATE	1	U	0.88	U
METHYL CYCLOHEXANE	1	U	0.88	U
METHYL TERT-BUTYL ETHER	1	U	0.88	U
METHYLENE CHLORIDE	1	U	0.88	U
O-XYLENE	1	U	0.88	U
STYRENE	1	U	0.88	U
TETRACHLOROETHENE	1	UJ	0.88	UJ
TOLUENE	1	U	0.88	U
TOTAL XYLENES	1	U	0.88	U
TRANS-1,2-DICHLOROETHENE	1	U	0.88	U
TRANS-1,3-DICHLOROPROPENE	1	U	0.88	U
TRICHLOROETHENE	1	U	0.88	U
TRICHLOROFLUOROMETHANE	1	U	0.88	U
VINYL CHLORIDE	1	U	0.88	U

SSW = surface soil from pond wall
SSC = surface soil from staging areas

Data Qualifiers:
J = estimated
U = non-detect

Tetra Tech NUS **INTERNAL CORRESPONDENCE**

TO:	**R. BASINSKI**	**DATE:**	**DECEMBER 14, 2007**
FROM:	**MATTHEW D. KRAUS**	**COPIES:**	**DV FILE**
SUBJECT:	**ORGANIC DATA VALIDATION – VOC** **NSWC CRANE – CTO 020** **SDG – TT02001**		

SAMPLES: 17/Solid/

08FD10030701	08SSW001	08SSW002
08SSW003	08SSW004	08SSW005
08SSW006	08SSW007	08SSW008
08SSW009	08SSW010	08SSW011
08SSW012	08SSW013	08SSW014
08SSW015	08SSW016	

1/Aqueous/

08TB100407

Overview

The sample set for CTO 020, NSWC Crane, SDG: TT02001, consists of seventeen solid environmental samples and one aqueous trip blank. One field duplicate pair (08FD10030701 / 08SSW006) is included in this SDG.

All of the samples were analyzed for target compound list (TCL) volatile organic compounds (VOCs), collected by Tetra Tech NUS from October 3-4, 2007 and analyzed by Laucks Testing Laboratories, Inc. under Naval Facilities Engineering Service Center (NFESC) Quality Assurance/Quality Control (QA/QC) criteria. The VOC analyses were conducted in accordance with SW-846 method 8260B and gas chromatography/mass spectrometry (GC/MS) methodologies.

Data were evaluated based on the following parameters:

* • Data Completeness
* • Holding Times
* • GC/MS Instrument Tuning
• Initial and Continuing Calibration Recoveries
• Laboratory Method/Preparation Blank Analyses
• Surrogate Recoveries
* • Laboratory Control Sample Recoveries
• Matrix Spike Recoveries
• Internal Standards
• Field Duplicate Precision
* • Detection Limits
* • Compound Quantitation

* - All quality control criteria were met for this parameter.

Initial and Continuing Calibration Recoveries

The continuing calibration %Ds for 1,1,2-trichlorotrifluoroethane and methylene chloride were not within the ±20% quality control range on 10/09/07 at 07:54 on instrument 5973B affecting the original undiluted analysis of all samples. The affected positive and non-detected results reported for the aforementioned compounds were qualified as estimated, "J" or "UJ", respectively.

The continuing calibration %Ds for 1,1,2-trichlorotrifluoroethane and methylene chloride were not within the ±20% quality control range on 10/10/07 at 07:55 on instrument 5973B affecting all of the approximately 5X diluted analyses and re-analyses. The affected non-detected results reported for the aforementioned compounds were qualified as estimated, "UJ".

The continuing calibration %Ds of eleven compounds not within the ±20% quality control range on 10/15/07 at 08:21 affecting all of the samples analyzed at an approximately 2X dilution. No data was qualified because no data was reported from the ~ 2X diluted analyses.

Laboratory Method/Preparation Blank Analyses

The following contaminants were detected in the laboratory method/preparation blanks at the following maximum concentrations:

Analyte	Maximum Concentration	Action Level
Acetone (1)	2.60 µg/kg	26.0 µg/kg
Acetone (2)	4.90 µg/kg	49.0 µg/kg
Acetone (3)	1.90 µg/kg	19.0 µg/kg
Methylene Chloride (2)	2.80 µg/kg	28.0 µg/kg

(1) Maximum concentration found in the laboratory preparation blank run on 10/09/07 at 08:21 on instrument 5973B affecting the original undiluted analysis of all samples.

(2) Maximum concentration found in the laboratory preparation blank run on 10/10/07 at 08:21 on instrument 5973B affecting all of the approximately 5X diluted and re-analyses.

(3) Maximum concentration found in the laboratory preparation blank run on 10/015/07 at 08:54 on instrument 5973B affecting all of the approximately 2X diluted analyses.

An action level of 10X the maximum concentration was used to evaluate the sample data for blank contamination. Sample aliquot, percent solids, and dilution factors, if applicable, were taken into consideration when evaluating for blank contamination. Acetone and methylene chloride were qualified due to laboratory blank contamination.

Matrix Spike Recoveries

The matrix spike (MS) and matrix spike duplicate (MSD) %Rs for 1,1,1-trichloroethane, 1,2,4-trichlorobenzene, 1,2-dichlorobenzene, 1,3-dichlorobenzene, 1,4-dichlorobenzene, 2-hexanone, cis-1,2-dichloroethene, cis-1,3-dichloropropene, xylene, styrene and trichloroethene were less than respective quality control limits on 10/09/07 at 18:53 and 19:20, respectively, on instrument 5973B affecting sample 08SSW011. The positive and non-detected results reported for the aforementioned compounds in sample 08SSW011 were qualified as estimated, "J" or "UJ", respectively.

Internal Standards

The internal standard 1,4-dichlorobenzene-D4 yielded an area count less than the lower quality control limit for the original analysis of sample 08SSW003. All non-detected compound results associated with the 1,4-dichlorobenzene-D4 internal standard were qualified as estimated, "UJ".

Field Duplicate Precision

Field duplicate imprecision (RPD > 50%) was noted for 1,1-dichloroethane, 1,1,1-trichloroethane, trichloroethene, chloroethane and cis-1,2-dichloroethene for the field duplicate pair (08FD10030701 / 08SSW006). The positive results reported for 1,1-dichloroethane, 1,1,1-trichloroethane, trichloroethene, chloroethane and cis-1,2-dichloroethene were qualified as estimated, "J", for samples 08FD1003070 and 08SSW006.

Compound Reporting Selections

The original analysis of sample 08SSW003 yielded a cis-1,2-dichloroethene result which exceed the calibration range of the instrument. The sample was re-analyzed twice at approximately 2X and 5X dilutions. The cis-1,2-dichloroethene result for sample 08SSW003 was reported from the original analysis and qualified as estimated, "J", due to linear calibration range exceedance. The result from the original analysis was selected because of the non-linearity of the dilution analysis.

The original analysis of sample 08FD10030701 yielded cis-1,2-dichloroethene and 1,1,1-trichloroethene results which exceeded the calibration range of the instrumentation. The sample was re-analyzed at approximately 2X and 5X dilutions. The cis-1,2-dichloroethene and 1,1,1-trichloroethene results are reported from the original analysis and qualified as estimated, "J", due to calibration range exceedance. The original cis-1,2-dichloroethene and 1,1,1-trichloroethene results were chosen instead of the ~2X diluted analysis because the ~2X diluted analysis was performed near the VOC holding time expiration date and therefore sample integrity for that analysis is questionable compared to the original analysis.

The original analysis of sample 08SSW001 yielded cis-1,2-dichloroethene and 1,1,1-trichloroethene results which exceeded the calibration range of the instrumentation. The sample was re-analyzed at approximately 2X and 5X dilutions. Cis-1,2-dichloroethene and 1,1,1-trichloroethene results were reported from the ~ 5X dilution.

The original analysis of sample 08SSW004 yielded chloroethane, 1,1-dichloroethane, cis-1,2-dichloroethane, 1,1,1,-trichloroethane and trichloroethene results which exceeded the calibration range of the instrumentation. The sample was re-analyzed at approximately 2X and 5X dilutions. Chloroethane, 1,1-dichloroethane and 1,1,1-trichloroethane results were reported from the original analysis and qualified as estimated, "J", due to linear calibration range exceedance. Cis-1,2-dichloroethane and trichloroethene results were reported from the ~ 5X dilution.

Notes

Several results were qualified as estimated, "J", due to uncertainty near the detection limit.

The original analysis of sample 08SSW006 yielded noncompliant internal standard responses and a noncompliant surrogate recovery for toluene-d8. The sample was re-analyzed and all internal standard responses and surrogate recoveries were compliant for that re-analysis. Compound results are reported from the re-analysis of sample 08SSW006.

The original analyses of samples 08SSW008 and 08SSW013 yielded noncompliant internal standard responses. Both samples were re-analyzed yielding compliant internal standard responses. Compound results are reported from the re-analyses of samples 08SSW008 and 08SSW013.

The original analysis of sample 08SSW014 yielded a chloroethane result which exceeded the calibration range of the instrumentation. The sample was re-analyzed at approximately 2X and 5X dilutions. The chloroethane result was reported from the ~ 5X dilution (Form 1 = 08SSW014DL) because that analysis yielded a higher chloroethane result then the ~ 2X diluted analysis (Form 1 = 08SSW014DL2).

Three coolers were used to deliver the samples to the laboratory and upon receipt the temperatures of those coolers all exceeded the control limit of 4°C ± 2°C by a maximum of + 1.1°C (7.1°C). No adverse effect on the samples is expected.

The laboratory noted that the aqueous volatile trip blank contained a bubble greater than ¼ inch in size.

Executive Summary

Laboratory Performance: Acetone and methylene chloride were qualified due to laboratory blank contamination. Results reported for 1,1,2-trichloro-1,2,2-trifluoroethane and methylene chloride were qualified due to calibration noncompliance. Several compounds were qualified due to internal standard noncompliance.

Other Factors Affecting Data Quality: Several results were qualified due to uncertainty near the detection limit. Results reported for 1,1,1-trichloroethane, 1,2,4-trichlorobenzene, 1,2-dichlorobenzene, 1,3-dichlorobenzene, 1,4-dichlorobenzene, 2-hexanone, cis-1,2-dichloroethene, cis-1,3-dichloropropene and trichloroethene in sample 08SSW011 were qualified due to matrix spike noncompliance. Results reported for 1,1,1-trichloroethane, trichloroethene, 1,1-dichloroethane, cis-1,2-dichloroethene, and chloroethane were qualified due to field duplicate imprecision.

The data for these analyses were reviewed with reference to the "USEPA Contract Laboratory Program (CLP) National Functional Guidelines for Organic Review", October 1999, and the (DOD) QSM document entitled "Quality Systems Manual (QSM) for Environmental Laboratories", January 2006.

The text of this report has been formulated to address only those problem areas affecting data quality.

"I attest that the data referenced herein were validated according to the agreed upon validation criteria as specified in the (DOD) QSM Guidelines and the Quality Assurance Project Plan (QAPP)."

Tetra Tech NUS
Matthew D. Kraus
Environmental Chemist

Tetra Tech NUS
Joseph A. Samchuck
Quality Assurance Officer

Attachments:

1. Appendix A - Qualified Analytical Results
2. Appendix B - Results as reported by the Laboratory
3. Appendix C – Support Documentation

APPENDIX A
QUALIFIED ANALYTICAL RESULTS

Data Validation Qualifier Codes:

A = Lab Blank Contamination
B = Field Blank Contamination
C = Calibration Noncompliance (e.g. % RSDs, %Ds, ICVs, CCVs, RRFs, etc.)
C01 = GC/MS Tuning Noncompliance
D = MS/MSD Recovery Noncompliance
E = LCS/LCSD Recovery Noncompliance
F = Lab Duplicate Imprecision
G = Field Duplicate Imprecision
H = Holding Time Exceedance
I = ICP Serial Dilution Noncompliance
J = GFAA PDS - GFAA MSA's $r < 0.995$
K = ICP Interference - includes ICS % R Noncompliance
L = Instrument Calibration Range Exceedance
M = Sample Preservation Noncompliance
N = Internal Standard Noncompliance
N01 = Internal Standard Recovery Noncompliance Dioxins
N02 = Recovery Standard Noncompliance Dioxins
N03 = Clean-up Standard Noncompliance Dioxins
O = Poor Instrument Performance (e.g. base-line drifting)
P = Uncertainty near detection limit (< 2 x IDL for inorganics and <CRQL for organics)
Q = Other problems (can encompass a number of issues; e.g. chromatography,interferences, etc.)
R = Surrogates Recovery Noncompliance
S = Pesticide/PCB Resolution
T = % Breakdown Noncompliance for DDT and Endrin
U = % Difference between columns/detectors >25% for positive results determined via GC/HPLC
V = Non-linear calibrations; correlation coefficient $r < 0.995$
W = EMPC result
X = Signal to noise response drop
Y = Percent solids <30%
Z = Uncertainty at 2 sigma deviation is greater than sample activity

PROJ_NO: 00352

SDG: TT02001 MEDIA: WATER DATA FRACTION: OV

nsample	08TB100407	nsample	08TB100407
samp_date	10/4/2007 12:00:00 PM	samp_date	10/4/2007 12:00:00 PM
lab_id	TT02001-018	lab_id	TT02001-018
qc_type	NM	qc_type	NM
units	UG/L	units	UG/L
Pct_Solids		Pct_Solids	
DUP_OF:		DUP_OF:	

Parameter	Result	Val Qual	Qual Code
1,1,1-TRICHLOROETHANE	1.0	U	
1,1,2,2-TETRACHLOROETHANE	1.0	U	
1,1,2-TRICHLOROETHANE	1.0	U	
1,1,2-TRICHLOROTRIFLUOROETHANE	1.0	UJ	C
1,1-DICHLOROETHANE	1.0	U	
1,1-DICHLOROETHENE	1.0	U	
1,2,4-TRICHLOROBENZENE	1.0	U	
1,2-DIBROMO-3-CHLOROPROPANE	1.0	U	
1,2-DIBROMOETHANE	1.0	U	
1,2-DICHLOROBENZENE	1.0	U	
1,2-DICHLOROETHANE	1.0	U	
1,2-DICHLOROPROPANE	1.0	U	
1,3-DICHLOROBENZENE	1.0	U	
1,4-DICHLOROBENZENE	1.0	U	
2-BUTANONE	1.0	U	
2-HEXANONE	1.0	U	
4-METHYL-2-PENTANONE	1.0	U	
ACETONE	6.4		
BENZENE	1.0	U	
BROMODICHLOROMETHANE	1.0	U	
BROMOFORM	1.0	U	
BROMOMETHANE	1.0	U	
CARBON DISULFIDE	1.0	U	
CARBON TETRACHLORIDE	1.0	U	
CHLOROBENZENE	1.0	U	
CHLORODIBROMOMETHANE	1.0	U	
CHLOROETHANE	1.0	U	
CHLOROFORM	1.0	U	
CHLOROMETHANE	1.0	U	
CIS-1,2-DICHLOROETHENE	1.0	U	
CIS-1,3-DICHLOROPROPENE	1.0	U	
CYCLOHEXANE	1.0	U	

Parameter	Result	Val Qual	Qual Code
DICHLORODIFLUOROMETHANE	1.0	U	
ETHYLBENZENE	1.0	U	
ISOPROPYLBENZENE	1.0	U	
M+P-XYLENES	1.0	U	
METHYL ACETATE	1.0	U	
METHYL CYCLOHEXANE	1.0	U	
METHYL TERT-BUTYL ETHER	1.0	U	
METHYLENE CHLORIDE	16	J	C
O-XYLENE	1.0	U	
STYRENE	1.0	U	
TETRACHLOROETHENE	1.0	U	
TOLUENE	1.0	U	
TOTAL XYLENES	1.0	U	
TRANS-1,2-DICHLOROETHENE	1.0	U	
TRANS-1,3-DICHLOROPROPENE	1.0	U	
TRICHLOROETHENE	1.0	U	
TRICHLOROFLUOROMETHANE	1.0	U	
VINYL CHLORIDE	1.0	U	

SDG: TT02001 MEDIA: SOIL DATA FRACTION: OV

nsample	08FD10030701
samp_date	10/3/2007
lab_id	TT02001-014
qc_type	NM
units	UG/KG
Pct_Solids	80.0
DUP_OF:	

Parameter	Result	Val Qual	Qual Code
1,1,1-TRICHLOROETHANE	340	J	GL
1,1,2,2-TETRACHLOROETHANE	1.2	U	
1,1,2-TRICHLOROETHANE	1.2	U	
1,1,2-TRICHLOROTRIFLUOROETHANE	1.2	UJ	C
1,1-DICHLOROETHANE	87	J	G
1,1-DICHLOROETHENE	2.0	J	P
1,2,4-TRICHLOROBENZENE	1.2	U	
1,2-DIBROMO-3-CHLOROPROPANE	1.2	U	
1,2-DIBROMOETHANE	1.2	U	
1,2-DICHLOROBENZENE	1.2	U	
1,2-DICHLOROETHANE	1.2	U	
1,2-DICHLOROPROPANE	1.2	U	
1,3-DICHLOROBENZENE	1.2	U	
1,4-DICHLOROBENZENE	1.2	U	
2-BUTANONE	1.2	U	
2-HEXANONE	1.2	U	
4-METHYL-2-PENTANONE	1.2	U	
ACETONE	4.5	U	A
BENZENE	1.2	U	
BROMODICHLOROMETHANE	1.2	U	
BROMOFORM	1.2	U	
BROMOMETHANE	1.2	U	
CARBON DISULFIDE	1.2	U	
CARBON TETRACHLORIDE	1.2	U	
CHLOROBENZENE	1.2	U	
CHLORODIBROMOMETHANE	1.2	U	
CHLOROETHANE	12	J	G
CHLOROFORM	1.2	U	
CHLOROMETHANE	1.2	U	
CIS-1,2-DICHLOROETHENE	250	J	GL
CIS-1,3-DICHLOROPROPENE	1.2	U	
CYCLOHEXANE	1.2	U	

nsample	08FD10030701
samp_date	10/3/2007
lab_id	TT02001-014
qc_type	NM
units	UG/KG
Pct_Solids	80.0
DUP_OF:	

Parameter	Result	Val Qual	Qual Code
DICHLORODIFLUOROMETHANE	1.2	U	
ETHYLBENZENE	1.2	U	
ISOPROPYLBENZENE	1.2	U	
M+P-XYLENES	1.2	U	
METHYL ACETATE	1.2	U	
METHYL CYCLOHEXANE	1.2	U	
METHYL TERT-BUTYL ETHER	1.2	U	
METHYLENE CHLORIDE	1.2	UJ	C
O-XYLENE	1.2	U	
STYRENE	1.2	U	
TETRACHLOROETHENE	1.2	U	
TOLUENE	4.9		
TOTAL XYLENES	1.2	U	
TRANS-1,2-DICHLOROETHENE	1.2	U	
TRANS-1,3-DICHLOROPROPENE	1.2	U	
TRICHLOROETHENE	5.1	J	G
TRICHLOROFLUOROMETHANE	1.2	U	
VINYL CHLORIDE	1.2	U	

nsample	08SSW001
samp_date	10/3/2007 12:50:00 PM
lab_id	TT02001-001
qc_type	NM
units	UG/KG
Pct_Solids	79.0
DUP_OF:	

Parameter	Result	Val Qual	Qual Code
1,1,2,2-TETRACHLOROETHANE	1.1	U	
1,1,2-TRICHLOROETHANE	1.1	U	
1,1,2-TRICHLOROTRIFLUOROETHANE	1.1	UJ	C
1,1-DICHLOROETHANE	150		
1,1-DICHLOROETHENE	3.1	J	P
1,2,4-TRICHLOROBENZENE	1.1	U	
1,2-DIBROMO-3-CHLOROPROPANE	1.1	U	
1,2-DIBROMOETHANE	1.1	U	
1,2-DICHLOROBENZENE	1.1	U	
1,2-DICHLOROETHANE	1.1	U	
1,2-DICHLOROPROPANE	1.1	U	
1,3-DICHLOROBENZENE	1.1	U	
1,4-DICHLOROBENZENE	1.1	U	
2-BUTANONE	1.1	U	
2-HEXANONE	1.1	U	
4-METHYL-2-PENTANONE	1.1	U	
ACETONE	4.1	U	A
BENZENE	1.1	U	
BROMODICHLOROMETHANE	1.1	U	
BROMOFORM	1.1	U	
BROMOMETHANE	1.1	U	
CARBON DISULFIDE	1.1	U	
CARBON TETRACHLORIDE	1.1	U	
CHLOROBENZENE	1.1	U	
CHLORODIBROMOMETHANE	1.1	U	
CHLOROETHANE	3.8		
CHLOROFORM	1.1	U	
CHLOROMETHANE	1.1	U	
CIS-1,3-DICHLOROPROPENE	1.1	U	
CYCLOHEXANE	1.1	U	
DICHLORODIFLUOROMETHANE	1.1	U	
ETHYLBENZENE	1.1	U	

PROJ_NO: 00352

SDG: TT02001 MEDIA: SOIL DATA FRACTION: OV

nsample	08SSW001
samp_date	10/3/2007 12:50:00 PM
lab_id	TT02001-001
qc_type	NM
units	UG/KG
Pct_Solids	79.0
DUP_OF:	

Parameter	Result	Val Qual	Qual Code
ISOPROPYLBENZENE	1.1	U	
M+P-XYLENES	1.1	U	
METHYL ACETATE	1.1	U	
METHYL CYCLOHEXANE	1.1	U	
METHYL TERT-BUTYL ETHER	1.1	U	
METHYLENE CHLORIDE	1.1	UJ	C
O-XYLENE	1.1	U	
STYRENE	1.1	U	
TETRACHLOROETHENE	1.1	U	
TOLUENE	1.1	U	
TOTAL XYLENES	1.1	U	
TRANS-1,2-DICHLOROETHENE	1.1	U	
TRANS-1,3-DICHLOROPROPENE	1.1	U	
TRICHLOROETHENE	12		
TRICHLOROFLUOROMETHANE	1.1	U	
VINYL CHLORIDE	1.1	U	

nsample	08SSW001DL
samp_date	10/3/2007 12:50:00 PM
lab_id	TT02001-001DL
qc_type	NM
units	UG/KG
Pct_Solids	79.0
DUP_OF:	

Parameter	Result	Val Qual	Qual Code
1,1,1-TRICHLOROETHANE	87		
CIS-1,2-DICHLOROETHENE	220		

nsample	08SSW002
samp_date	10/3/2007 12:58:00 PM
lab_id	TT02001-002
qc_type	NM
units	UG/KG
Pct_Solids	83.0
DUP_OF:	

Parameter	Result	Val Qual	Qual Code
1,1,1-TRICHLOROETHANE	1.0	U	
1,1,2,2-TETRACHLOROETHANE	1.0	U	
1,1,2-TRICHLOROETHANE	1.0	U	
1,1,2-TRICHLOROTRIFLUOROETHANE	1.0	UJ	C
1,1-DICHLOROETHANE	32		
1,1-DICHLOROETHENE	1.0	U	
1,2,4-TRICHLOROBENZENE	1.0	U	
1,2-DIBROMO-3-CHLOROPROPANE	1.0	U	
1,2-DIBROMOETHANE	1.0	U	
1,2-DICHLOROBENZENE	1.0	U	
1,2-DICHLOROETHANE	1.0	U	
1,2-DICHLOROPROPANE	1.0	U	
1,3-DICHLOROBENZENE	1.0	U	
1,4-DICHLOROBENZENE	1.0	U	
2-BUTANONE	1.0	U	
2-HEXANONE	1.0	U	
4-METHYL-2-PENTANONE	1.0	U	
ACETONE	9.0	U	A
BENZENE	1.0	U	
BROMODICHLOROMETHANE	1.0	U	
BROMOFORM	1.0	U	
BROMOMETHANE	1.0	U	
CARBON DISULFIDE	1.0	U	
CARBON TETRACHLORIDE	1.0	U	
CHLOROBENZENE	1.0	U	
CHLORODIBROMOMETHANE	1.0	U	
CHLOROETHANE	97		
CHLOROFORM	1.0	U	
CHLOROMETHANE	1.0	U	
CIS-1,2-DICHLOROETHENE	5.5		
CIS-1,3-DICHLOROPROPENE	1.0	U	
CYCLOHEXANE	1.0	U	

nsample	08SSW002
samp_date	10/3/2007 12:58:00 PM
lab_id	TT02001-002
qc_type	NM
units	UG/KG
Pct_Solids	83.0
DUP_OF:	

Parameter	Result	Val Qual	Qual Code
DICHLORODIFLUOROMETHANE	1.0	U	
ETHYLBENZENE	1.0	U	
ISOPROPYLBENZENE	1.0	U	
M+P-XYLENES	1.0	U	
METHYL ACETATE	1.0	U	
METHYL CYCLOHEXANE	1.0	U	
METHYL TERT-BUTYL ETHER	1.0	U	
METHYLENE CHLORIDE	1.0	UJ	C
O-XYLENE	1.0	U	
STYRENE	1.0	U	
TETRACHLOROETHENE	1.0	U	
TOLUENE	1.0	U	
TOTAL XYLENES	1.0	U	
TRANS-1,2-DICHLOROETHENE	1.0	U	
TRANS-1,3-DICHLOROPROPENE	1.0	U	
TRICHLOROETHENE	1.0	U	
TRICHLOROFLUOROMETHANE	1.0	U	
VINYL CHLORIDE	3.0	J	P

nsample	08SSW003
samp_date	10/3/2007 1:05:00 PM
lab_id	TT02001-003
qc_type	NM
units	UG/KG
Pct_Solids	82.0
DUP_OF:	

Parameter	Result	Val Qual	Qual Code
1,1,1-TRICHLOROETHANE	41		
1,1,2,2-TETRACHLOROETHANE	1.0	UJ	N
1,1,2-TRICHLOROETHANE	1.0	U	
1,1,2-TRICHLOROTRIFLUOROETHANE	1.0	UJ	C
1,1-DICHLOROETHANE	84		
1,1-DICHLOROETHENE	1.0	U	
1,2,4-TRICHLOROBENZENE	1.0	UJ	N
1,2-DIBROMO-3-CHLOROPROPANE	1.0	UJ	N
1,2-DIBROMOETHANE	1.0	U	
1,2-DICHLOROBENZENE	1.0	UJ	N
1,2-DICHLOROETHANE	1.0	U	
1,2-DICHLOROPROPANE	1.0	U	
1,3-DICHLOROBENZENE	1.0	UJ	N
1,4-DICHLOROBENZENE	1.0	UJ	N
2-BUTANONE	1.0	U	
2-HEXANONE	1.0	U	
4-METHYL-2-PENTANONE	1.0	U	
ACETONE	7.0	U	A
BENZENE	1.0	U	
BROMODICHLOROMETHANE	1.0	U	
BROMOFORM	1.0	U	
BROMOMETHANE	1.0	U	
CARBON DISULFIDE	1.0	U	
CARBON TETRACHLORIDE	1.0	U	
CHLOROBENZENE	1.0	U	
CHLORODIBROMOMETHANE	1.0	U	
CHLOROETHANE	14		
CHLOROFORM	1.0	U	
CHLOROMETHANE	1.0	U	
CIS-1,2-DICHLOROETHENE	390	J	L
CIS-1,3-DICHLOROPROPENE	1.0	U	
CYCLOHEXANE	1.0	U	

nsample	08SSW003
samp_date	10/3/2007 1:05:00 PM
lab_id	TT02001-003
qc_type	NM
units	UG/KG
Pct_Solids	82.0
DUP_OF:	

Parameter	Result	Val Qual	Qual Code
DICHLORODIFLUOROMETHANE	1.0	U	
ETHYLBENZENE	1.0	U	
ISOPROPYLBENZENE	1.0	U	
M+P-XYLENES	1.0	U	
METHYL ACETATE	1.0	U	
METHYL CYCLOHEXANE	1.0	U	
METHYL TERT-BUTYL ETHER	1.0	U	
METHYLENE CHLORIDE	1.0	UJ	C
O-XYLENE	1.0	U	
STYRENE	1.0	U	
TETRACHLOROETHENE	1.0	U	
TOLUENE	1.0	U	
TOTAL XYLENES	1.0	U	
TRANS-1,2-DICHLOROETHENE	1.0	U	
TRANS-1,3-DICHLOROPROPENE	1.0	U	
TRICHLOROETHENE	6.9		
TRICHLOROFLUOROMETHANE	1.0	U	
VINYL CHLORIDE	1.0	U	

PROJ_NO: 00352

SDG: TT02001 MEDIA: SOIL DATA FRACTION: OV

nsample	08SSW004	nsample	08SSW004	nsample	08SSW004DL
samp_date	10/3/2007 1:15:00 PM	samp_date	10/3/2007 1:15:00 PM	samp_date	10/3/2007 1:15:00 PM
lab_id	TT02001-004	lab_id	TT02001-004	lab_id	TT02001-004DL
qc_type	NM	qc_type	NM	qc_type	NM
units	UG/KG	units	UG/KG	units	UG/KG
Pct_Solids	85.0	Pct_Solids	85.0	Pct_Solids	85.0
DUP_OF:		DUP_OF:		DUP_OF:	

Parameter	Result	Val Qual	Qual Code
1,1,1-TRICHLOROETHANE	260	J	L
1,1,2,2-TETRACHLOROETHANE	1.0	U	
1,1,2-TRICHLOROETHANE	1.0	U	
1,1,2-TRICHLOROTRIFLUOROETHANE	1.0	UJ	C
1,1-DICHLOROETHANE	230	J	L
1,1-DICHLOROETHENE	3.3		
1,2,4-TRICHLOROBENZENE	1.0	U	
1,2-DIBROMO-3-CHLOROPROPANE	1.0	U	
1,2-DIBROMOETHANE	1.0	U	
1,2-DICHLOROBENZENE	1.0	U	
1,2-DICHLOROETHANE	1.0	U	
1,2-DICHLOROPROPANE	1.0	U	
1,3-DICHLOROBENZENE	1.0	U	
1,4-DICHLOROBENZENE	1.0	U	
2-BUTANONE	5.5	J	P
2-HEXANONE	1.0	U	
4-METHYL-2-PENTANONE	1.0	U	
ACETONE	28	U	A
BENZENE	1.0	U	
BROMODICHLOROMETHANE	1.0	U	
BROMOFORM	1.0	U	
BROMOMETHANE	1.0	U	
CARBON DISULFIDE	1.0	U	
CARBON TETRACHLORIDE	1.0	U	
CHLOROBENZENE	1.0	U	
CHLORODIBROMOMETHANE	1.0	U	
CHLOROETHANE	340	J	L
CHLOROFORM	1.0	U	
CHLOROMETHANE	1.0	U	
CIS-1,3-DICHLOROPROPENE	1.0	U	
CYCLOHEXANE	1.8	J	P
DICHLORODIFLUOROMETHANE	1.0	U	

Parameter	Result	Val Qual	Qual Code
ETHYLBENZENE	2.1	J	P
ISOPROPYLBENZENE	2.1	J	P
M+P-XYLENES	9.4		
METHYL ACETATE	1.0	U	
METHYL CYCLOHEXANE	7.7		
METHYL TERT-BUTYL ETHER	1.0	U	
METHYLENE CHLORIDE	1.0	UJ	C
O-XYLENE	5.0		
STYRENE	1.0	U	
TETRACHLOROETHENE	15		
TOLUENE	5.3		
TOTAL XYLENES	14		
TRANS-1,2-DICHLOROETHENE	9.1		
TRANS-1,3-DICHLOROPROPENE	1.0	U	
TRICHLOROFLUOROMETHANE	1.0	U	
VINYL CHLORIDE	74		

Parameter	Result	Val Qual	Qual Code
CIS-1,2-DICHLOROETHENE	240		
TRICHLOROETHENE	550		

SDG: TT02001 MEDIA: SOIL DATA FRACTION: OV

nsample	08SSW005
samp_date	10/3/2007 1:25:00 PM
lab_id	TT02001-005
qc_type	NM
units	UG/KG
Pct_Solids	83.0
DUP_OF:	

Parameter	Result	Val Qual	Qual Code
1,1,1-TRICHLOROETHANE	1.1	U	
1,1,2,2-TETRACHLOROETHANE	1.1	U	
1,1,2-TRICHLOROETHANE	1.1	U	
1,1,2-TRICHLOROTRIFLUOROETHANE	1.1	UJ	C
1,1-DICHLOROETHANE	4.6		
1,1-DICHLOROETHENE	1.1	U	
1,2,4-TRICHLOROBENZENE	1.1	U	
1,2-DIBROMO-3-CHLOROPROPANE	1.1	U	
1,2-DIBROMOETHANE	1.1	U	
1,2-DICHLOROBENZENE	1.1	U	
1,2-DICHLOROETHANE	1.1	U	
1,2-DICHLOROPROPANE	1.1	U	
1,3-DICHLOROBENZENE	1.1	U	
1,4-DICHLOROBENZENE	1.1	U	
2-BUTANONE	1.1	U	
2-HEXANONE	1.1	U	
4-METHYL-2-PENTANONE	1.1	U	
ACETONE	16	U	A
BENZENE	1.1	U	
BROMODICHLOROMETHANE	1.1	U	
BROMOFORM	1.1	U	
BROMOMETHANE	1.1	U	
CARBON DISULFIDE	1.1	U	
CARBON TETRACHLORIDE	1.1	U	
CHLOROBENZENE	1.1	U	
CHLORODIBROMOMETHANE	1.1	U	
CHLOROETHANE	10		
CHLOROFORM	1.1	U	
CHLOROMETHANE	1.1	U	
CIS-1,2-DICHLOROETHENE	2.1	J	P
CIS-1,3-DICHLOROPROPENE	1.1	U	
CYCLOHEXANE	1.1	U	

nsample	08SSW005
samp_date	10/3/2007 1:25:00 PM
lab_id	TT02001-005
qc_type	NM
units	UG/KG
Pct_Solids	83.0
DUP_OF:	

Parameter	Result	Val Qual	Qual Code
DICHLORODIFLUOROMETHANE	1.1	U	
ETHYLBENZENE	1.1	U	
ISOPROPYLBENZENE	1.1	U	
M+P-XYLENES	1.1	U	
METHYL ACETATE	1.1	U	
METHYL CYCLOHEXANE	1.1	U	
METHYL TERT-BUTYL ETHER	1.1	U	
METHYLENE CHLORIDE	1.1	UJ	C
O-XYLENE	1.1	U	
STYRENE	1.1	U	
TETRACHLOROETHENE	1.1	U	
TOLUENE	1.1	U	
TOTAL XYLENES	1.1	U	
TRANS-1,2-DICHLOROETHENE	1.1	U	
TRANS-1,3-DICHLOROPROPENE	1.1	U	
TRICHLOROETHENE	2.0	J	P
TRICHLOROFLUOROMETHANE	1.1	U	
VINYL CHLORIDE	1.1	U	

nsample	08SSW006RE
samp_date	10/3/2007 1:30:00 PM
lab_id	TT02001-006RE
qc_type	NM
units	UG/KG
Pct_Solids	82.0
DUP_OF:	

Parameter	Result	Val Qual	Qual Code
1,1,1-TRICHLOROETHANE	13	J	G
1,1,2,2-TETRACHLOROETHANE	1.7	U	
1,1,2-TRICHLOROETHANE	1.7	U	
1,1,2-TRICHLOROTRIFLUOROETHANE	1.7	UJ	C
1,1-DICHLOROETHANE	8.2	J	G
1,1-DICHLOROETHENE	1.7	U	
1,2,4-TRICHLOROBENZENE	1.7	U	
1,2-DIBROMO-3-CHLOROPROPANE	1.7	U	
1,2-DIBROMOETHANE	1.7	U	
1,2-DICHLOROBENZENE	1.7	U	
1,2-DICHLOROETHANE	1.7	U	
1,2-DICHLOROPROPANE	1.7	U	
1,3-DICHLOROBENZENE	1.7	U	
1,4-DICHLOROBENZENE	1.7	U	
2-BUTANONE	1.7	U	
2-HEXANONE	1.7	U	
4-METHYL-2-PENTANONE	1.7	U	
ACETONE	12	U	A
BENZENE	1.7	U	
BROMODICHLOROMETHANE	1.7	U	
BROMOFORM	1.7	U	
BROMOMETHANE	1.7	U	
CARBON DISULFIDE	1.7	U	
CARBON TETRACHLORIDE	1.7	U	
CHLOROBENZENE	1.7	U	
CHLORODIBROMOMETHANE	1.7	U	
CHLOROETHANE	4.8	J	PG
CHLOROFORM	1.7	U	
CHLOROMETHANE	1.7	U	
CIS-1,2-DICHLOROETHENE	13	J	G
CIS-1,3-DICHLOROPROPENE	1.7	U	
CYCLOHEXANE	1.7	U	

PROJ_NO: 00352

SDG: TT02001 MEDIA: SOIL DATA FRACTION: OV

nsample	08SSW006RE
samp_date	10/3/2007 1:30:00 PM
lab_id	TT02001-006RE
qc_type	NM
units	UG/KG
Pct_Solids	82.0
DUP_OF:	

Parameter	Result	Val Qual	Qual Code
DICHLORODIFLUOROMETHANE	1.7	U	
ETHYLBENZENE	1.7	U	
ISOPROPYLBENZENE	1.7	U	
M+P-XYLENES	1.7	U	
METHYL ACETATE	1.7	U	
METHYL CYCLOHEXANE	1.7	U	
METHYL TERT-BUTYL ETHER	1.7	U	
METHYLENE CHLORIDE	24	U	A
O-XYLENE	1.7	U	
STYRENE	1.7	U	
TETRACHLOROETHENE	1.7	U	
TOLUENE	1.7	U	
TOTAL XYLENES	1.7	U	
TRANS-1,2-DICHLOROETHENE	1.7	U	
TRANS-1,3-DICHLOROPROPENE	1.7	U	
TRICHLOROETHENE	2.1	J	GP
TRICHLOROFLUOROMETHANE	1.7	U	
VINYL CHLORIDE	1.7	U	

nsample	08SSW007
samp_date	10/3/2007 1:46:00 PM
lab_id	TT02001-007
qc_type	NM
units	UG/KG
Pct_Solids	74.0
DUP_OF:	

Parameter	Result	Val Qual	Qual Code
1,1,1-TRICHLOROETHANE	7.1		
1,1,2,2-TETRACHLOROETHANE	1.3	U	
1,1,2-TRICHLOROETHANE	1.3	U	
1,1,2-TRICHLOROTRIFLUOROETHANE	1.3	UJ	C
1,1-DICHLOROETHANE	1.3	U	
1,1-DICHLOROETHENE	1.3	U	
1,2,4-TRICHLOROBENZENE	1.3	U	
1,2-DIBROMO-3-CHLOROPROPANE	1.3	U	
1,2-DIBROMOETHANE	1.3	U	
1,2-DICHLOROBENZENE	1.3	U	
1,2-DICHLOROETHANE	1.3	U	
1,2-DICHLOROPROPANE	1.3	U	
1,3-DICHLOROBENZENE	1.3	U	
1,4-DICHLOROBENZENE	1.3	U	
2-BUTANONE	1.3	U	
2-HEXANONE	1.3	U	
4-METHYL-2-PENTANONE	1.3	U	
ACETONE	4.6	U	A
BENZENE	1.3	U	
BROMODICHLOROMETHANE	1.3	U	
BROMOFORM	1.3	U	
BROMOMETHANE	1.3	U	
CARBON DISULFIDE	1.3	U	
CARBON TETRACHLORIDE	1.3	U	
CHLOROBENZENE	1.3	U	
CHLORODIBROMOMETHANE	1.3	U	
CHLOROETHANE	1.3	U	
CHLOROFORM	1.3	U	
CHLOROMETHANE	1.3	U	
CIS-1,2-DICHLOROETHENE	5.0		
CIS-1,3-DICHLOROPROPENE	1.3	U	
CYCLOHEXANE	1.3	U	

nsample	08SSW007
samp_date	10/3/2007 1:46:00 PM
lab_id	TT02001-007
qc_type	NM
units	UG/KG
Pct_Solids	74.0
DUP_OF:	

Parameter	Result	Val Qual	Qual Code
DICHLORODIFLUOROMETHANE	1.3	U	
ETHYLBENZENE	1.3	U	
ISOPROPYLBENZENE	1.3	U	
M+P-XYLENES	1.3	U	
METHYL ACETATE	1.3	U	
METHYL CYCLOHEXANE	1.3	U	
METHYL TERT-BUTYL ETHER	1.3	U	
METHYLENE CHLORIDE	1.3	UJ	C
O-XYLENE	1.3	U	
STYRENE	1.3	U	
TETRACHLOROETHENE	1.3	U	
TOLUENE	1.3	U	
TOTAL XYLENES	1.3	U	
TRANS-1,2-DICHLOROETHENE	1.3	U	
TRANS-1,3-DICHLOROPROPENE	1.3	U	
TRICHLOROETHENE	7.5		
TRICHLOROFLUOROMETHANE	1.3	U	
VINYL CHLORIDE	1.3	U	

PROJ_NO: 00352

SDG: TT02001 MEDIA: SOIL DATA FRACTION: OV

nsample	08SSW008RE	nsample	08SSW008RE	nsample	08SSW009
samp_date	10/3/2007 1:52:00 PM	samp_date	10/3/2007 1:52:00 PM	samp_date	10/3/2007 2:00:00 PM
lab_id	TT02001-008RE	lab_id	TT02001-008RE	lab_id	TT02001-009
qc_type	NM	qc_type	NM	qc_type	NM
units	UG/KG	units	UG/KG	units	UG/KG
Pct_Solids	80.0	Pct_Solids	80.0	Pct_Solids	86.0
DUP_OF:		DUP_OF:		DUP_OF:	

Parameter	Result	Val Qual	Qual Code
1,1,1-TRICHLOROETHANE	2.8	J	P
1,1,2,2-TETRACHLOROETHANE	1.1	U	
1,1,2-TRICHLOROETHANE	1.1	U	
1,1,2-TRICHLOROTRIFLUOROETHANE	1.1	UJ	C
1,1-DICHLOROETHANE	1.1	U	
1,1-DICHLOROETHENE	1.1	U	
1,2,4-TRICHLOROBENZENE	1.1	U	
1,2-DIBROMO-3-CHLOROPROPANE	1.1	U	
1,2-DIBROMOETHANE	1.1	U	
1,2-DICHLOROBENZENE	1.1	U	
1,2-DICHLOROETHANE	1.1	U	
1,2-DICHLOROPROPANE	1.1	U	
1,3-DICHLOROBENZENE	1.1	U	
1,4-DICHLOROBENZENE	1.1	U	
2-BUTANONE	1.1	U	
2-HEXANONE	1.1	U	
4-METHYL-2-PENTANONE	1.1	U	
ACETONE	5.8	U	A
BENZENE	1.1	U	
BROMODICHLOROMETHANE	1.1	U	
BROMOFORM	1.1	U	
BROMOMETHANE	1.1	U	
CARBON DISULFIDE	1.1	U	
CARBON TETRACHLORIDE	1.1	U	
CHLOROBENZENE	1.1	U	
CHLORODIBROMOMETHANE	1.1	U	
CHLOROETHANE	1.1	U	
CHLOROFORM	1.1	U	
CHLOROMETHANE	1.1	U	
CIS-1,2-DICHLOROETHENE	1.3	J	P
CIS-1,3-DICHLOROPROPENE	1.1	U	
CYCLOHEXANE	1.1	U	

Parameter	Result	Val Qual	Qual Code
DICHLORODIFLUOROMETHANE	1.1	U	
ETHYLBENZENE	1.1	U	
ISOPROPYLBENZENE	1.1	U	
M+P-XYLENES	1.1	U	
METHYL ACETATE	1.1	U	
METHYL CYCLOHEXANE	1.1	U	
METHYL TERT-BUTYL ETHER	1.1	U	
METHYLENE CHLORIDE	22	U	A
O-XYLENE	1.1	U	
STYRENE	1.1	U	
TETRACHLOROETHENE	1.1	U	
TOLUENE	1.1	U	
TOTAL XYLENES	1.1	U	
TRANS-1,2-DICHLOROETHENE	1.1	U	
TRANS-1,3-DICHLOROPROPENE	1.1	U	
TRICHLOROETHENE	5.9		
TRICHLOROFLUOROMETHANE	1.1	U	
VINYL CHLORIDE	1.1	U	

Parameter	Result	Val Qual	Qual Code
1,1,1-TRICHLOROETHANE	99		
1,1,2,2-TETRACHLOROETHANE	0.96	U	
1,1,2-TRICHLOROETHANE	0.96	U	
1,1,2-TRICHLOROTRIFLUOROETHANE	0.96	UJ	C
1,1-DICHLOROETHANE	11		
1,1-DICHLOROETHENE	0.96	U	
1,2,4-TRICHLOROBENZENE	0.96	U	
1,2-DIBROMO-3-CHLOROPROPANE	0.96	U	
1,2-DIBROMOETHANE	0.96	U	
1,2-DICHLOROBENZENE	0.96	U	
1,2-DICHLOROETHANE	0.96	U	
1,2-DICHLOROPROPANE	0.96	U	
1,3-DICHLOROBENZENE	0.96	U	
1,4-DICHLOROBENZENE	0.96	U	
2-BUTANONE	0.96	U	
2-HEXANONE	0.96	U	
4-METHYL-2-PENTANONE	0.96	U	
ACETONE	11	U	A
BENZENE	0.96	U	
BROMODICHLOROMETHANE	0.96	U	
BROMOFORM	0.96	U	
BROMOMETHANE	0.96	U	
CARBON DISULFIDE	0.96	U	
CARBON TETRACHLORIDE	0.96	U	
CHLOROBENZENE	0.96	U	
CHLORODIBROMOMETHANE	0.96	U	
CHLOROETHANE	0.96	U	
CHLOROFORM	0.96	U	
CHLOROMETHANE	0.96	U	
CIS-1,2-DICHLOROETHENE	87		
CIS-1,3-DICHLOROPROPENE	0.96	U	
CYCLOHEXANE	0.96	U	

PROJ_NO: 00352

SDG: TT02001 MEDIA: SOIL DATA FRACTION: OV

nsample	08SSW009
samp_date	10/3/2007 2:00:00 PM
lab_id	TT02001-009
qc_type	NM
units	UG/KG
Pct_Solids	86.0
DUP_OF:	

Parameter	Result	Val Qual	Qual Code
DICHLORODIFLUOROMETHANE	0.96	U	
ETHYLBENZENE	0.96	U	
ISOPROPYLBENZENE	0.96	U	
M+P-XYLENES	0.96	U	
METHYL ACETATE	0.96	U	
METHYL CYCLOHEXANE	0.96	U	
METHYL TERT-BUTYL ETHER	0.96	U	
METHYLENE CHLORIDE	0.96	UJ	C
O-XYLENE	0.96	U	
STYRENE	0.96	U	
TETRACHLOROETHENE	0.96	U	
TOLUENE	0.96	U	
TOTAL XYLENES	0.96	U	
TRANS-1,2-DICHLOROETHENE	0.96	U	
TRANS-1,3-DICHLOROPROPENE	0.96	U	
TRICHLOROETHENE	150		
TRICHLOROFLUOROMETHANE	0.96	U	
VINYL CHLORIDE	0.96	U	

nsample	08SSW010
samp_date	10/3/2007 2:04:00 PM
lab_id	TT02001-010
qc_type	NM
units	UG/KG
Pct_Solids	87.0
DUP_OF:	

Parameter	Result	Val Qual	Qual Code
1,1,1-TRICHLOROETHANE	1.7	J	P
1,1,2,2-TETRACHLOROETHANE	1.0	U	
1,1,2-TRICHLOROETHANE	1.0	U	
1,1,2-TRICHLOROTRIFLUOROETHANE	1.0	UJ	C
1,1-DICHLOROETHANE	1.0	U	
1,1-DICHLOROETHENE	1.0	U	
1,2,4-TRICHLOROBENZENE	1.0	U	
1,2-DIBROMO-3-CHLOROPROPANE	1.0	U	
1,2-DIBROMOETHANE	1.0	U	
1,2-DICHLOROBENZENE	1.0	U	
1,2-DICHLOROETHANE	1.0	U	
1,2-DICHLOROPROPANE	1.0	U	
1,3-DICHLOROBENZENE	1.0	U	
1,4-DICHLOROBENZENE	1.0	U	
2-BUTANONE	1.0	U	
2-HEXANONE	1.0	U	
4-METHYL-2-PENTANONE	1.0	U	
ACETONE	5.7	U	A
BENZENE	1.0	U	
BROMODICHLOROMETHANE	1.0	U	
BROMOFORM	1.0	U	
BROMOMETHANE	1.0	U	
CARBON DISULFIDE	1.0	U	
CARBON TETRACHLORIDE	1.0	U	
CHLOROBENZENE	1.0	U	
CHLORODIBROMOMETHANE	1.0	U	
CHLOROETHANE	1.0	U	
CHLOROFORM	1.0	U	
CHLOROMETHANE	1.0	U	
CIS-1,2-DICHLOROETHENE	1.0	U	
CIS-1,3-DICHLOROPROPENE	1.0	U	
CYCLOHEXANE	1.0	U	

nsample	08SSW010
samp_date	10/3/2007 2:04:00 PM
lab_id	TT02001-010
qc_type	NM
units	UG/KG
Pct_Solids	87.0
DUP_OF:	

Parameter	Result	Val Qual	Qual Code
DICHLORODIFLUOROMETHANE	1.0	U	
ETHYLBENZENE	1.0	U	
ISOPROPYLBENZENE	1.0	U	
M+P-XYLENES	1.0	U	
METHYL ACETATE	1.0	U	
METHYL CYCLOHEXANE	1.0	U	
METHYL TERT-BUTYL ETHER	1.0	U	
METHYLENE CHLORIDE	1.0	UJ	C
O-XYLENE	1.0	U	
STYRENE	1.0	U	
TETRACHLOROETHENE	1.0	U	
TOLUENE	1.0	U	
TOTAL XYLENES	1.0	U	
TRANS-1,2-DICHLOROETHENE	1.0	U	
TRANS-1,3-DICHLOROPROPENE	1.0	U	
TRICHLOROETHENE	1.0	U	
TRICHLOROFLUOROMETHANE	1.0	U	
VINYL CHLORIDE	1.0	U	

SDG: TT02001 MEDIA: SOIL DATA FRACTION: OV

nsample	08SSW011
samp_date	10/3/2007 2:20:00 PM
lab_id	TT02001-011
qc_type	NM
units	UG/KG
Pct_Solids	85.0
DUP_OF:	

Parameter	Result	Val Qual	Qual Code
1,1,1-TRICHLOROETHANE	93	J	D
1,1,2,2-TETRACHLOROETHANE	1.0	U	
1,1,2-TRICHLOROETHANE	1.0	U	
1,1,2-TRICHLOROTRIFLUOROETHANE	1.0	UJ	C
1,1-DICHLOROETHANE	9.2		
1,1-DICHLOROETHENE	1.0	U	
1,2,4-TRICHLOROBENZENE	1.0	UJ	D
1,2-DIBROMO-3-CHLOROPROPANE	1.0	U	
1,2-DIBROMOETHANE	1.0	U	
1,2-DICHLOROBENZENE	1.0	UJ	D
1,2-DICHLOROETHANE	1.0	U	
1,2-DICHLOROPROPANE	1.0	U	
1,3-DICHLOROBENZENE	1.0	UJ	D
1,4-DICHLOROBENZENE	1.0	UJ	D
2-BUTANONE	1.0	U	
2-HEXANONE	1.0	UJ	D
4-METHYL-2-PENTANONE	1.0	U	
ACETONE	5.7	U	A
BENZENE	1.0	U	
BROMODICHLOROMETHANE	1.0	U	
BROMOFORM	1.0	U	
BROMOMETHANE	1.0	U	
CARBON DISULFIDE	1.0	U	
CARBON TETRACHLORIDE	1.0	U	
CHLOROBENZENE	1.0	U	
CHLORODIBROMOMETHANE	1.0	U	
CHLOROETHANE	1.0	U	
CHLOROFORM	1.0	U	
CHLOROMETHANE	1.0	U	
CIS-1,2-DICHLOROETHENE	74	J	D
CIS-1,3-DICHLOROPROPENE	1.0	UJ	D
CYCLOHEXANE	1.0	U	

nsample	08SSW011
samp_date	10/3/2007 2:20:00 PM
lab_id	TT02001-011
qc_type	NM
units	UG/KG
Pct_Solids	85.0
DUP_OF:	

Parameter	Result	Val Qual	Qual Code
DICHLORODIFLUOROMETHANE	1.0	U	
ETHYLBENZENE	1.0	U	
ISOPROPYLBENZENE	1.0	U	
M+P-XYLENES	1.0	UJ	D
METHYL ACETATE	1.0	U	
METHYL CYCLOHEXANE	1.0	U	
METHYL TERT-BUTYL ETHER	1.0	U	
METHYLENE CHLORIDE	1.0	UJ	C
O-XYLENE	1.0	UJ	D
STYRENE	1.0	UJ	D
TETRACHLOROETHENE	1.0	U	
TOLUENE	1.0	U	
TOTAL XYLENES	1.0	UJ	D
TRANS-1,2-DICHLOROETHENE	1.0	U	
TRANS-1,3-DICHLOROPROPENE	1.0	U	
TRICHLOROETHENE	28	J	D
TRICHLOROFLUOROMETHANE	1.0	U	
VINYL CHLORIDE	1.0	U	

nsample	08SSW012
samp_date	10/3/2007 2:25:00 PM
lab_id	TT02001-012
qc_type	NM
units	UG/KG
Pct_Solids	82.0
DUP_OF:	

Parameter	Result	Val Qual	Qual Code
1,1,1-TRICHLOROETHANE	22		
1,1,2,2-TETRACHLOROETHANE	1.1	U	
1,1,2-TRICHLOROETHANE	1.1	U	
1,1,2-TRICHLOROTRIFLUOROETHANE	1.1	UJ	C
1,1-DICHLOROETHANE	2.1	J	P
1,1-DICHLOROETHENE	1.1	U	
1,2,4-TRICHLOROBENZENE	1.1	U	
1,2-DIBROMO-3-CHLOROPROPANE	1.1	U	
1,2-DIBROMOETHANE	1.1	U	
1,2-DICHLOROBENZENE	1.1	U	
1,2-DICHLOROETHANE	1.1	U	
1,2-DICHLOROPROPANE	1.1	U	
1,3-DICHLOROBENZENE	1.1	U	
1,4-DICHLOROBENZENE	1.1	U	
2-BUTANONE	1.1	U	
2-HEXANONE	1.1	U	
4-METHYL-2-PENTANONE	1.1	U	
ACETONE	7.8	U	A
BENZENE	1.1	U	
BROMODICHLOROMETHANE	1.1	U	
BROMOFORM	1.1	U	
BROMOMETHANE	1.1	U	
CARBON DISULFIDE	1.1	U	
CARBON TETRACHLORIDE	1.1	U	
CHLOROBENZENE	1.1	U	
CHLORODIBROMOMETHANE	1.1	U	
CHLOROETHANE	1.1	U	
CHLOROFORM	1.1	U	
CHLOROMETHANE	1.1	U	
CIS-1,2-DICHLOROETHENE	10		
CIS-1,3-DICHLOROPROPENE	1.1	U	
CYCLOHEXANE	1.1	U	

PROJ_NO: 00352

SDG: TT02001 MEDIA: SOIL DATA FRACTION: OV

nsample	08SSW012
samp_date	10/3/2007 2:25:00 PM
lab_id	TT02001-012
qc_type	NM
units	UG/KG
Pct_Solids	82.0
DUP_OF:	

Parameter	Result	Val Qual	Qual Code
DICHLORODIFLUOROMETHANE	1.1	U	
ETHYLBENZENE	1.1	U	
ISOPROPYLBENZENE	1.1	U	
M+P-XYLENES	1.1	U	
METHYL ACETATE	1.1	U	
METHYL CYCLOHEXANE	1.1	U	
METHYL TERT-BUTYL ETHER	1.1	U	
METHYLENE CHLORIDE	1.1	UJ	C
O-XYLENE	1.1	U	
STYRENE	1.1	U	
TETRACHLOROETHENE	1.1	U	
TOLUENE	1.1	U	
TOTAL XYLENES	1.1	U	
TRANS-1,2-DICHLOROETHENE	1.1	U	
TRANS-1,3-DICHLOROPROPENE	1.1	U	
TRICHLOROETHENE	6.4		
TRICHLOROFLUOROMETHANE	1.1	U	
VINYL CHLORIDE	1.1	U	

nsample	08SSW013RE
samp_date	10/3/2007 2:35:00 PM
lab_id	TT02001-013RE
qc_type	NM
units	UG/KG
Pct_Solids	79.0
DUP_OF:	

Parameter	Result	Val Qual	Qual Code
1,1,1-TRICHLOROETHANE	47		
1,1,2,2-TETRACHLOROETHANE	1.1	U	
1,1,2-TRICHLOROETHANE	1.1	U	
1,1,2-TRICHLOROTRIFLUOROETHANE	1.1	UJ	C
1,1-DICHLOROETHANE	23		
1,1-DICHLOROETHENE	1.1	U	
1,2,4-TRICHLOROBENZENE	1.1	U	
1,2-DIBROMO-3-CHLOROPROPANE	1.1	U	
1,2-DIBROMOETHANE	1.1	U	
1,2-DICHLOROBENZENE	1.1	U	
1,2-DICHLOROETHANE	1.1	U	
1,2-DICHLOROPROPANE	1.1	U	
1,3-DICHLOROBENZENE	1.1	U	
1,4-DICHLOROBENZENE	1.1	U	
2-BUTANONE	1.1	U	
2-HEXANONE	1.1	U	
4-METHYL-2-PENTANONE	1.1	U	
ACETONE	7.8	U	A
BENZENE	1.1	U	
BROMODICHLOROMETHANE	1.1	U	
BROMOFORM	1.1	U	
BROMOMETHANE	1.1	U	
CARBON DISULFIDE	1.1	U	
CARBON TETRACHLORIDE	1.1	U	
CHLOROBENZENE	1.1	U	
CHLORODIBROMOMETHANE	1.1	U	
CHLOROETHANE	1.1	U	
CHLOROFORM	1.1	U	
CHLOROMETHANE	1.1	U	
CIS-1,2-DICHLOROETHENE	140		
CIS-1,3-DICHLOROPROPENE	1.1	U	
CYCLOHEXANE	1.1	U	

nsample	08SSW013RE
samp_date	10/3/2007 2:35:00 PM
lab_id	TT02001-013RE
qc_type	NM
units	UG/KG
Pct_Solids	79.0
DUP_OF:	

Parameter	Result	Val Qual	Qual Code
DICHLORODIFLUOROMETHANE	1.1	U	
ETHYLBENZENE	1.1	U	
ISOPROPYLBENZENE	1.1	U	
M+P-XYLENES	1.1	U	
METHYL ACETATE	1.1	U	
METHYL CYCLOHEXANE	1.1	U	
METHYL TERT-BUTYL ETHER	1.1	U	
METHYLENE CHLORIDE	14	U	A
O-XYLENE	1.1	U	
STYRENE	1.1	U	
TETRACHLOROETHENE	1.1	U	
TOLUENE	1.1	U	
TOTAL XYLENES	1.1	U	
TRANS-1,2-DICHLOROETHENE	1.1	U	
TRANS-1,3-DICHLOROPROPENE	1.1	U	
TRICHLOROETHENE	1.5	J	P
TRICHLOROFLUOROMETHANE	1.1	U	
VINYL CHLORIDE	1.1	U	

SDG: TT02001 MEDIA: SOIL DATA FRACTION: OV

nsample	08SSW014	nsample	08SSW014	nsample	08SSW014DL
samp_date	10/4/2007 12:29:00 PM	samp_date	10/4/2007 12:29:00 PM	samp_date	10/4/2007 12:29:00 PM
lab_id	TT02001-015	lab_id	TT02001-015	lab_id	TT02001-015DL
qc_type	NM	qc_type	NM	qc_type	NM
units	UG/KG	units	UG/KG	units	UG/KG
Pct_Solids	83.0	Pct_Solids	83.0	Pct_Solids	83.0
DUP_OF:		DUP_OF:		DUP_OF:	

Parameter	Result	Val Qual	Qual Code
1,1,1-TRICHLOROETHANE	7.4		
1,1,2,2-TETRACHLOROETHANE	1.5	U	
1,1,2-TRICHLOROETHANE	1.5	U	
1,1,2-TRICHLOROTRIFLUOROETHANE	1.5	UJ	C
1,1-DICHLOROETHANE	77		
1,1-DICHLOROETHENE	1.5	U	
1,2,4-TRICHLOROBENZENE	1.5	U	
1,2-DIBROMO-3-CHLOROPROPANE	1.5	U	
1,2-DIBROMOETHANE	1.5	U	
1,2-DICHLOROBENZENE	1.5	U	
1,2-DICHLOROETHANE	1.5	U	
1,2-DICHLOROPROPANE	1.5	U	
1,3-DICHLOROBENZENE	1.5	U	
1,4-DICHLOROBENZENE	1.5	U	
2-BUTANONE	51		
2-HEXANONE	1.5	U	
4-METHYL-2-PENTANONE	1.5	U	
ACETONE	170		
BENZENE	1.5	U	
BROMODICHLOROMETHANE	1.5	U	
BROMOFORM	1.5	U	
BROMOMETHANE	1.5	U	
CARBON DISULFIDE	1.5	U	
CARBON TETRACHLORIDE	1.5	U	
CHLOROBENZENE	1.5	U	
CHLORODIBROMOMETHANE	1.5	U	
CHLOROFORM	1.5	U	
CHLOROMETHANE	1.5	U	
CIS-1,2-DICHLOROETHENE	140		
CIS-1,3-DICHLOROPROPENE	1.5	U	
CYCLOHEXANE	1.5	U	
DICHLORODIFLUOROMETHANE	1.5	U	

Parameter	Result	Val Qual	Qual Code
ETHYLBENZENE	1.5	U	
ISOPROPYLBENZENE	1.5	U	
M+P-XYLENES	1.5	U	
METHYL ACETATE	1.5	U	
METHYL CYCLOHEXANE	1.5	U	
METHYL TERT-BUTYL ETHER	1.5	U	
METHYLENE CHLORIDE	1.5	UJ	C
O-XYLENE	1.5	U	
STYRENE	1.5	U	
TETRACHLOROETHENE	1.5	U	
TOLUENE	4.0	J	P
TOTAL XYLENES	1.5	U	
TRANS-1,2-DICHLOROETHENE	4.7		
TRANS-1,3-DICHLOROPROPENE	1.5	U	
TRICHLOROETHENE	1.5	U	
TRICHLOROFLUOROMETHANE	1.5	U	
VINYL CHLORIDE	51		

Parameter	Result	Val Qual	Qual Code
CHLOROETHANE	290		

PROJ_NO: 00352

SDG: TT02001 MEDIA: SOIL DATA FRACTION: OV

nsample	08SSW015
samp_date	10/4/2007 12:34:00 PM
lab_id	TT02001-016
qc_type	NM
units	UG/KG
Pct_Solids	80.0
DUP_OF:	

Parameter	Result	Val Qual	Qual Code
1,1,1-TRICHLOROETHANE	1.1	U	
1,1,2,2-TETRACHLOROETHANE	1.1	U	
1,1,2-TRICHLOROETHANE	1.1	U	
1,1,2-TRICHLOROTRIFLUOROETHANE	1.1	UJ	C
1,1-DICHLOROETHANE	13		
1,1-DICHLOROETHENE	1.1	U	
1,2,4-TRICHLOROBENZENE	1.1	U	
1,2-DIBROMO-3-CHLOROPROPANE	1.1	U	
1,2-DIBROMOETHANE	1.1	U	
1,2-DICHLOROBENZENE	1.1	U	
1,2-DICHLOROETHANE	1.1	U	
1,2-DICHLOROPROPANE	1.1	U	
1,3-DICHLOROBENZENE	1.1	U	
1,4-DICHLOROBENZENE	1.1	U	
2-BUTANONE	3.7	J	P
2-HEXANONE	1.1	U	
4-METHYL-2-PENTANONE	1.1	U	
ACETONE	24	U	A
BENZENE	1.1	U	
BROMODICHLOROMETHANE	1.1	U	
BROMOFORM	1.1	U	
BROMOMETHANE	1.1	U	
CARBON DISULFIDE	1.1	U	
CARBON TETRACHLORIDE	1.1	U	
CHLOROBENZENE	1.1	U	
CHLORODIBROMOMETHANE	1.1	U	
CHLOROETHANE	1.1	U	
CHLOROFORM	1.1	U	
CHLOROMETHANE	1.1	U	
CIS-1,2-DICHLOROETHENE	3.9		
CIS-1,3-DICHLOROPROPENE	1.1	U	
CYCLOHEXANE	1.1	U	

nsample	08SSW015
samp_date	10/4/2007 12:34:00 PM
lab_id	TT02001-016
qc_type	NM
units	UG/KG
Pct_Solids	80.0
DUP_OF:	

Parameter	Result	Val Qual	Qual Code
DICHLORODIFLUOROMETHANE	1.1	U	
ETHYLBENZENE	1.1	U	
ISOPROPYLBENZENE	1.1	U	
M+P-XYLENES	1.1	U	
METHYL ACETATE	1.1	U	
METHYL CYCLOHEXANE	1.1	U	
METHYL TERT-BUTYL ETHER	1.1	U	
METHYLENE CHLORIDE	1.1	UJ	C
O-XYLENE	1.1	U	
STYRENE	1.1	U	
TETRACHLOROETHENE	1.1	U	
TOLUENE	1.1	U	
TOTAL XYLENES	1.1	U	
TRANS-1,2-DICHLOROETHENE	1.1	U	
TRANS-1,3-DICHLOROPROPENE	1.1	U	
TRICHLOROETHENE	2.5	J	P
TRICHLOROFLUOROMETHANE	1.1	U	
VINYL CHLORIDE	1.1	U	

nsample	08SSW016
samp_date	10/4/2007 12:40:00 PM
lab_id	TT02001-017
qc_type	NM
units	UG/KG
Pct_Solids	74.0
DUP_OF:	

Parameter	Result	Val Qual	Qual Code
1,1,1-TRICHLOROETHANE	1.2	U	
1,1,2,2-TETRACHLOROETHANE	1.2	U	
1,1,2-TRICHLOROETHANE	1.2	U	
1,1,2-TRICHLOROTRIFLUOROETHANE	1.2	UJ	C
1,1-DICHLOROETHANE	1.2	U	
1,1-DICHLOROETHENE	1.2	U	
1,2,4-TRICHLOROBENZENE	1.2	U	
1,2-DIBROMO-3-CHLOROPROPANE	1.2	U	
1,2-DIBROMOETHANE	1.2	U	
1,2-DICHLOROBENZENE	1.2	U	
1,2-DICHLOROETHANE	1.2	U	
1,2-DICHLOROPROPANE	1.2	U	
1,3-DICHLOROBENZENE	1.2	U	
1,4-DICHLOROBENZENE	1.2	U	
2-BUTANONE	15		
2-HEXANONE	1.2	U	
4-METHYL-2-PENTANONE	1.2	U	
ACETONE	52		
BENZENE	1.2	U	
BROMODICHLOROMETHANE	1.2	U	
BROMOFORM	1.2	U	
BROMOMETHANE	1.2	U	
CARBON DISULFIDE	1.2	U	
CARBON TETRACHLORIDE	1.2	U	
CHLOROBENZENE	1.2	U	
CHLORODIBROMOMETHANE	1.2	U	
CHLOROETHANE	1.2	U	
CHLOROFORM	1.2	U	
CHLOROMETHANE	1.2	U	
CIS-1,2-DICHLOROETHENE	2.9	J	P
CIS-1,3-DICHLOROPROPENE	1.2	U	
CYCLOHEXANE	1.2	U	

nsample	08SSW016
samp_date	10/4/2007 12:40:00 PM
lab_id	TT02001-017
qc_type	NM
units	UG/KG
Pct_Solids	74.0
DUP_OF:	

Parameter	Result	Val Qual	Qual Code
DICHLORODIFLUOROMETHANE	1.2	U	
ETHYLBENZENE	1.2	U	
ISOPROPYLBENZENE	1.2	U	
M+P-XYLENES	1.2	U	
METHYL ACETATE	1.2	U	
METHYL CYCLOHEXANE	1.2	U	
METHYL TERT-BUTYL ETHER	1.2	U	
METHYLENE CHLORIDE	1.2	UJ	C
O-XYLENE	1.2	U	
STYRENE	1.2	U	
TETRACHLOROETHENE	1.2	U	
TOLUENE	1.2	U	
TOTAL XYLENES	1.2	U	
TRANS-1,2-DICHLOROETHENE	1.2	U	
TRANS-1,3-DICHLOROPROPENE	1.2	U	
TRICHLOROETHENE	1.2	U	
TRICHLOROFLUOROMETHANE	1.2	U	
VINYL CHLORIDE	1.2	U	

Tetra Tech NUS

INTERNAL CORRESPONDENCE

TO:	**R. BASINSKI**	**DATE:**	**JANUARY 15, 2008**
FROM:	**EDWARD SEDLMYER**	**COPIES:**	**DV FILE**
SUBJECT:	**ORGANIC DATA VALIDATION – VOA CTO 0020, NSWC CRANE SDG TT02002**		
SAMPLES:	8 / Soil		

08FD11120701	08SSC001	08SSC002
08SSC003	08SSC004	08SSC005
08SSC006	08TB11120701	

OVERVIEW

The sample set for CTO 0020, NSWC CRANE, SDG TT02002 consists of one trip blank (1) and seven (7) soil environmental samples. One field duplicate was associated with this SDG: 08SSC002 / 08FD11120701. All samples were analyzed for volatile organic compounds (VOCs).

The samples were collected by TetraTech NUS on November 12, 2007 and analyzed by Laucks Testing Laboratories, Seattle, WA. All analyses were conducted in accordance with USEPA SW 846 Method 8260B. The data contained in this SDG were validated with regard to the following parameters:

*	•	Data completeness
*	•	Holding times
*	•	GC/MS Tuning
	•	Initial and continuing calibration
*	•	Blank results
*	•	Surrogate spike recoveries
*	•	Internal standard recoveries
*	•	Blank Spike/Blank Spike Duplicate Results
	•	Matrix Spike/Matrix Spike Duplicate Results
*	•	Detection Limits
*	•	Field Duplicate Results
*	•	Compound Quantitation
*	•	Compound Identification

The symbol (*) indicates that all quality control criteria were met for this parameter. Problems affecting data quality are discussed below; documentation supporting these findings is presented in Appendix C. Qualified Analytical results are presented in Appendix A. Results as reported by the laboratory are presented in Appendix B.

VOC

The following compound was detected in the method blank:

Compound	Maximum Concentration	Blank Action Level
Acetone	1.3 µg/kg	13 µg/kg

Blank Actions

- Value < Reporting Limit (RL); value followed by a U.
- Value > RL and < Action level; report value followed by a U.
- Value > RL and > action level; report value followed by a J.

An action level of 10X the maximum contaminant concentration was established to evaluate laboratory contamination for acetone. Dilution factors, sample aliquots and percent solids were taken into consideration during the application of the action level. Positive results for acetone were qualified as blank contaminants in the affected soil samples.

The matrix spike / matrix spike duplicate (MS/MSD) performed on sample 08SSC002 had percent recoveries less than the quality control limit for 1,1-dichloroethane, benzene, m&p-xylene, o-xylene, styrene, isopropylbenzene, 1,2-dichlorobenzene and 1,2,4-trichlorobenzene in the MS and MSD. The compounds ethylbenzene, 1,3-dichlorobenzene, and 1,4-dichlorobenzene had recoveries less than the quality control limit in the MS. The nondetected results for 1,1-dichloroethane, benzene, m&p-xylene, o-xylene, styrene, isopropylbenzene, 1,2-dichlorobenzene and 1,2,4-trichlorobenzene have been qualified as estimated (UJ) in sample 08SSC002. No action was taken on ethylbenzene, 1,3-dichlorobenzene, and 1,4-dichlorobenzene because the MSD had acceptable recoveries.

Continuing calibration percent differences (%Ds) were greater than the 25% quality control limit for chloromethane and tetrachloroethene on instrument 5973B, on 11/13/07 at 11:21. The nondetected results for chloromethane and tetrachloroethene in all soil samples have been qualified as estimated (UJ).

A continuing calibration percent difference (%D) was greater than the 25% quality control limit for tetrachloroethene on instrument 5973B, on 11/20/07 at 12:05. The nondetected result for tetrachloroethene in sample 08TB11120701 has been qualified as estimated (UJ).

Notes

All positive results below the reporting limit were qualified as estimated (J) due to uncertainty near the detection limit.

EXECUTIVE SUMMARY

Laboratory Performance Issues: Qualifications were made on continuing calibration of two VOC compounds that failed to comply with %D quality control limits. Blank contamination resulted in the qualification of acetone.

Other Factors Affecting Data Quality: Matrix spike noncompliances resulted in qualification of the data.

The data for these analyses were reviewed with reference to the EPA Functional Guidelines for Organic Data Validation (October 1999) and the Department of Defense (DoD) document entitled "Quality Systems Manual (QSM) for Environmental Laboratories" (January 2006). The text of this report has been formulated to address only those problem areas affecting data quality.

"I attest that the data referenced herein were validated according to the agreed upon validation criteria as specified in the DoD QSM."

Tetra Tech NUS

Edward Sedlmyer
Chemist/Data Validator

TetraTech NUS

Joseph A. Samchuck
Data Validation Quality Assurance Officer

Attachments:

1. Appendix A - Qualified Analytical Results
2. Appendix B - Results as Reported by the Laboratory
3. Appendix C - Support Documentation

PROJ_NO 00352

SDG: TT02002 MEDIA: WATER DATA FRACTION: OV

nsample	08TB11120701	nsample	08TB11120701
samp_date	11/12/2007 2:10:00 PM	samp_date	11/12/2007 2:10:00 PM
lab_id	TT02002-008	lab_id	TT02002-008
qc_type	NM	qc_type	NM
units	UG/L	units	UG/L
Pct_Solids		Pct_Solids	
DUP_OF:		DUP_OF:	

Parameter	Result	Val Qual	Qual Code
1,1,1-TRICHLOROETHANE	1.0	U	
1,1,2,2-TETRACHLOROETHANE	1.0	U	
1,1,2-TRICHLOROETHANE	1.0	U	
1,1,2-TRICHLOROTRIFLUOROETHANE	1.0	U	
1,1-DICHLOROETHANE	1.0	U	
1,1-DICHLOROETHENE	1.0	U	
1,2,4-TRICHLOROBENZENE	1.0	U	
1,2-DIBROMO-3-CHLOROPROPANE	1.0	U	
1,2-DIBROMOETHANE	1.0	U	
1,2-DICHLOROBENZENE	1.0	U	
1,2-DICHLOROETHANE	1.0	U	
1,2-DICHLOROPROPANE	1.0	U	
1,3-DICHLOROBENZENE	1.0	U	
1,4-DICHLOROBENZENE	1.0	U	
2-BUTANONE	1.0	U	
2-HEXANONE	1.0	U	
4-METHYL-2-PENTANONE	1.0	U	
ACETONE	3.1	J	P
BENZENE	1.0	U	
BROMODICHLOROMETHANE	1.0	U	
BROMOFORM	1.0	U	
BROMOMETHANE	1.0	U	
CARBON DISULFIDE	1.0	U	
CARBON TETRACHLORIDE	1.0	U	
CHLOROBENZENE	1.0	U	
CHLORODIBROMOMETHANE	1.0	U	
CHLOROETHANE	1.0	U	
CHLOROFORM	1.0	U	
CHLOROMETHANE	1.0	U	
CIS-1,2-DICHLOROETHENE	1.0	U	
CIS-1,3-DICHLOROPROPENE	1.0	U	
CYCLOHEXANE	1.0	U	

Parameter	Result	Val Qual	Qual Code
DICHLORODIFLUOROMETHANE	1.0	U	
ETHYLBENZENE	1.0	U	
ISOPROPYLBENZENE	1.0	U	
M+P-XYLENES	1.0	U	
METHYL ACETATE	1.0	U	
METHYL CYCLOHEXANE	1.0	U	
METHYL TERT-BUTYL ETHER	1.0	U	
METHYLENE CHLORIDE	1.0	U	
O-XYLENE	1.0	U	
STYRENE	1.0	U	
TETRACHLOROETHENE	1.0	UJ	C
TOLUENE	1.0	U	
TOTAL XYLENES	1.0	U	
TRANS-1,2-DICHLOROETHENE	1.0	U	
TRANS-1,3-DICHLOROPROPENE	1.0	U	
TRICHLOROETHENE	1.0	U	
TRICHLOROFLUOROMETHANE	1.0	U	
VINYL CHLORIDE	1.0	U	

PROJ_NO: 00352

SDG: TT02002 MEDIA: SOIL DATA FRACTION: OV

nsample	08FD11120701	nsample	08FD11120701	nsample	08SSC001
samp_date	11/12/2007	samp_date	11/12/2007	samp_date	11/12/2007 12:30:00 PM
lab_id	TT02002-007	lab_id	TT02002-007	lab_id	TT02002-001
qc_type	NM	qc_type	NM	qc_type	NM
units	UG/KG	units	UG/KG	units	UG/KG
Pct_Solids	91.0	Pct_Solids	91.0	Pct_Solids	95.0
DUP_OF:	08SSC002	DUP_OF:	08SSC002	DUP_OF:	

Parameter	Result	Val Qual	Qual Code
1,1,1-TRICHLOROETHANE	0.91	U	
1,1,2,2-TETRACHLOROETHANE	0.91	U	
1,1,2-TRICHLOROETHANE	0.91	U	
1,1,2-TRICHLOROTRIFLUOROETHANE	0.91	U	
1,1-DICHLOROETHANE	0.91	U	
1,1-DICHLOROETHENE	0.91	U	
1,2,4-TRICHLOROBENZENE	0.91	U	
1,2-DIBROMO-3-CHLOROPROPANE	0.91	U	
1,2-DIBROMOETHANE	0.91	U	
1,2-DICHLOROBENZENE	0.91	U	
1,2-DICHLOROETHANE	0.91	U	
1,2-DICHLOROPROPANE	0.91	U	
1,3-DICHLOROBENZENE	0.91	U	
1,4-DICHLOROBENZENE	0.91	U	
2-BUTANONE	0.91	U	
2-HEXANONE	0.91	U	
4-METHYL-2-PENTANONE	0.91	U	
ACETONE	1.5	U	A
BENZENE	0.91	U	
BROMODICHLOROMETHANE	0.91	U	
BROMOFORM	0.91	U	
BROMOMETHANE	0.91	U	
CARBON DISULFIDE	0.91	U	
CARBON TETRACHLORIDE	0.91	U	
CHLOROBENZENE	0.91	U	
CHLORODIBROMOMETHANE	0.91	U	
CHLOROETHANE	0.91	U	
CHLOROFORM	0.91	U	
CHLOROMETHANE	0.91	UJ	C
CIS-1,2-DICHLOROETHENE	0.91	U	
CIS-1,3-DICHLOROPROPENE	0.91	U	
CYCLOHEXANE	0.91	U	

Parameter	Result	Val Qual	Qual Code
DICHLORODIFLUOROMETHANE	0.91	U	
ETHYLBENZENE	0.91	U	
ISOPROPYLBENZENE	0.91	U	
M+P-XYLENES	0.91	U	
METHYL ACETATE	0.91	U	
METHYL CYCLOHEXANE	0.91	U	
METHYL TERT-BUTYL ETHER	0.91	U	
METHYLENE CHLORIDE	0.91	U	
O-XYLENE	0.91	U	
STYRENE	0.91	U	
TETRACHLOROETHENE	0.91	UJ	C
TOLUENE	0.91	U	
TOTAL XYLENES	0.91	U	
TRANS-1,2-DICHLOROETHENE	0.91	U	
TRANS-1,3-DICHLOROPROPENE	0.91	U	
TRICHLOROETHENE	0.91	U	
TRICHLOROFLUOROMETHANE	0.91	U	
VINYL CHLORIDE	0.91	U	

Parameter	Result	Val Qual	Qual Code
1,1,1-TRICHLOROETHANE	0.95	U	
1,1,2,2-TETRACHLOROETHANE	0.95	U	
1,1,2-TRICHLOROETHANE	0.95	U	
1,1,2-TRICHLOROTRIFLUOROETHANE	0.95	U	
1,1-DICHLOROETHANE	0.95	U	
1,1-DICHLOROETHENE	0.95	U	
1,2,4-TRICHLOROBENZENE	0.95	U	
1,2-DIBROMO-3-CHLOROPROPANE	0.95	U	
1,2-DIBROMOETHANE	0.95	U	
1,2-DICHLOROBENZENE	0.95	U	
1,2-DICHLOROETHANE	0.95	U	
1,2-DICHLOROPROPANE	0.95	U	
1,3-DICHLOROBENZENE	0.95	U	
1,4-DICHLOROBENZENE	0.95	U	
2-BUTANONE	0.95	U	
2-HEXANONE	0.95	U	
4-METHYL-2-PENTANONE	0.95	U	
ACETONE	2.6	U	A
BENZENE	0.95	U	
BROMODICHLOROMETHANE	0.95	U	
BROMOFORM	0.95	U	
BROMOMETHANE	0.95	U	
CARBON DISULFIDE	0.95	U	
CARBON TETRACHLORIDE	0.95	U	
CHLOROBENZENE	0.95	U	
CHLORODIBROMOMETHANE	0.95	U	
CHLOROETHANE	0.95	U	
CHLOROFORM	0.95	U	
CHLOROMETHANE	0.95	UJ	C
CIS-1,2-DICHLOROETHENE	0.95	U	
CIS-1,3-DICHLOROPROPENE	0.95	U	
CYCLOHEXANE	0.95	U	

PROJ_NO: 00352

SDG: TT02002)IA: SOIL DATA FRACTION: OV

nsample	08SSC001
samp_date	11/12/2007 12:30:00 PM
lab_id	TT02002-001
qc_type	NM
units	UG/KG
Pct_Solids	95.0
DUP_OF:	

Parameter	Result	Val Qual	Qual Code
DICHLORODIFLUOROMETHANE	0.95	U	
ETHYLBENZENE	0.95	U	
ISOPROPYLBENZENE	0.95	U	
M+P-XYLENES	0.95	U	
METHYL ACETATE	0.95	U	
METHYL CYCLOHEXANE	0.95	U	
METHYL TERT-BUTYL ETHER	0.95	U	
METHYLENE CHLORIDE	0.95	U	
O-XYLENE	0.95	U	
STYRENE	0.95	U	
TETRACHLOROETHENE	0.95	UJ	C
TOLUENE	0.95	U	
TOTAL XYLENES	0.95	U	
TRANS-1,2-DICHLOROETHENE	0.95	U	
TRANS-1,3-DICHLOROPROPENE	0.95	U	
TRICHLOROETHENE	0.95	U	
TRICHLOROFLUOROMETHANE	0.95	U	
VINYL CHLORIDE	0.95	U	

nsample	08SSC002
samp_date	11/12/2007 12:37:00 PM
lab_id	TT02002-002
qc_type	NM
units	UG/KG
Pct_Solids	88.0
DUP_OF:	

Parameter	Result	Val Qual	Qual Code
1,1,1-TRICHLOROETHANE	0.94	U	
1,1,2,2-TETRACHLOROETHANE	0.94	U	
1,1,2-TRICHLOROETHANE	0.94	U	
1,1,2-TRICHLOROTRIFLUOROETHANE	0.94	U	
1,1-DICHLOROETHANE	0.94	UJ	D
1,1-DICHLOROETHENE	0.94	U	
1,2,4-TRICHLOROBENZENE	0.94	UJ	D
1,2-DIBROMO-3-CHLOROPROPANE	0.94	U	
1,2-DIBROMOETHANE	0.94	U	
1,2-DICHLOROBENZENE	0.94	UJ	D
1,2-DICHLOROETHANE	0.94	U	
1,2-DICHLOROPROPANE	0.94	U	
1,3-DICHLOROBENZENE	0.94	U	
1,4-DICHLOROBENZENE	0.94	U	
2-BUTANONE	0.94	U	
2-HEXANONE	0.94	U	
4-METHYL-2-PENTANONE	0.94	U	
ACETONE	1.6	U	A
BENZENE	0.94	UJ	D
BROMODICHLOROMETHANE	0.94	U	
BROMOFORM	0.94	U	
BROMOMETHANE	0.94	U	
CARBON DISULFIDE	0.94	U	
CARBON TETRACHLORIDE	0.94	U	
CHLOROBENZENE	0.94	U	
CHLORODIBROMOMETHANE	0.94	U	
CHLOROETHANE	0.94	U	
CHLOROFORM	0.94	U	
CHLOROMETHANE	0.94	UJ	C
CIS-1,2-DICHLOROETHENE	0.94	U	
CIS-1,3-DICHLOROPROPENE	0.94	U	
CYCLOHEXANE	0.94	U	

nsample	08SSC002
samp_date	11/12/2007 12:37:00 PM
lab_id	TT02002-002
qc_type	NM
units	UG/KG
Pct_Solids	88.0
DUP_OF:	

Parameter	Result	Val Qual	Qual Code
DICHLORODIFLUOROMETHANE	0.94	U	
ETHYLBENZENE	0.94	U	
ISOPROPYLBENZENE	0.94	UJ	D
M+P-XYLENES	0.94	UJ	D
METHYL ACETATE	0.94	U	
METHYL CYCLOHEXANE	0.94	U	
METHYL TERT-BUTYL ETHER	0.94	U	
METHYLENE CHLORIDE	0.94	U	
O-XYLENE	0.94	UJ	D
STYRENE	0.94	UJ	D
TETRACHLOROETHENE	0.94	UJ	C
TOLUENE	0.94	U	
TOTAL XYLENES	0.94	U	
TRANS-1,2-DICHLOROETHENE	0.94	U	
TRANS-1,3-DICHLOROPROPENE	0.94	U	
TRICHLOROETHENE	0.94	U	
TRICHLOROFLUOROMETHANE	0.94	U	
VINYL CHLORIDE	0.94	U	

PROJ_NO: 00352

SDG: TT02002 MEDIA: SOIL DATA FRACTION: OV

nsample	08SSC003	nsample	08SSC003	nsample	08SSC004
samp_date	11/12/2007 12:44:00 PM	samp_date	11/12/2007 12:44:00 PM	samp_date	11/12/2007 12:52:00 PM
lab_id	TT02002-003	lab_id	TT02002-003	lab_id	TT02002-004
qc_type	NM	qc_type	NM	qc_type	NM
units	UG/KG	units	UG/KG	units	UG/KG
Pct_Solids	93.0	Pct_Solids	93.0	Pct_Solids	96.0
DUP_OF:		DUP_OF:		DUP_OF:	

Parameter	Result	Val Qual	Qual Code
1,1,1-TRICHLOROETHANE	1.1	U	
1,1,2,2-TETRACHLOROETHANE	1.1	U	
1,1,2-TRICHLOROETHANE	1.1	U	
1,1,2-TRICHLOROTRIFLUOROETHANE	1.1	U	
1,1-DICHLOROETHANE	1.1	U	
1,1-DICHLOROETHENE	1.1	U	
1,2,4-TRICHLOROBENZENE	1.1	U	
1,2-DIBROMO-3-CHLOROPROPANE	1.1	U	
1,2-DIBROMOETHANE	1.1	U	
1,2-DICHLOROBENZENE	1.1	U	
1,2-DICHLOROETHANE	1.1	U	
1,2-DICHLOROPROPANE	1.1	U	
1,3-DICHLOROBENZENE	1.1	U	
1,4-DICHLOROBENZENE	1.1	U	
2-BUTANONE	1.1	U	
2-HEXANONE	1.1	U	
4-METHYL-2-PENTANONE	1.1	U	
ACETONE	2.4	U	A
BENZENE	1.1	U	
BROMODICHLOROMETHANE	1.1	U	
BROMOFORM	1.1	U	
BROMOMETHANE	1.1	U	
CARBON DISULFIDE	1.1	U	
CARBON TETRACHLORIDE	1.1	U	
CHLOROBENZENE	1.1	U	
CHLORODIBROMOMETHANE	1.1	U	
CHLOROETHANE	1.1	U	
CHLOROFORM	1.1	U	
CHLOROMETHANE	1.1	UJ	C
CIS-1,2-DICHLOROETHENE	1.1	U	
CIS-1,3-DICHLOROPROPENE	1.1	U	
CYCLOHEXANE	1.1	U	

Parameter	Result	Val Qual	Qual Code
DICHLORODIFLUOROMETHANE	1.1	U	
ETHYLBENZENE	1.1	U	
ISOPROPYLBENZENE	1.1	U	
M+P-XYLENES	1.1	U	
METHYL ACETATE	1.1	U	
METHYL CYCLOHEXANE	1.1	U	
METHYL TERT-BUTYL ETHER	1.1	U	
METHYLENE CHLORIDE	1.1	U	
O-XYLENE	1.1	U	
STYRENE	1.1	U	
TETRACHLOROETHENE	1.1	UJ	C
TOLUENE	1.1	U	
TOTAL XYLENES	1.1	U	
TRANS-1,2-DICHLOROETHENE	1.1	U	
TRANS-1,3-DICHLOROPROPENE	1.1	U	
TRICHLOROETHENE	1.1	U	
TRICHLOROFLUOROMETHANE	1.1	U	
VINYL CHLORIDE	1.1	U	

Parameter	Result	Val Qual	Qual Code
1,1,1-TRICHLOROETHANE	1.0	U	
1,1,2,2-TETRACHLOROETHANE	1.0	U	
1,1,2-TRICHLOROETHANE	1.0	U	
1,1,2-TRICHLOROTRIFLUOROETHANE	1.0	U	
1,1-DICHLOROETHANE	1.0	U	
1,1-DICHLOROETHENE	1.0	U	
1,2,4-TRICHLOROBENZENE	1.0	U	
1,2-DIBROMO-3-CHLOROPROPANE	1.0	U	
1,2-DIBROMOETHANE	1.0	U	
1,2-DICHLOROBENZENE	1.0	U	
1,2-DICHLOROETHANE	1.0	U	
1,2-DICHLOROPROPANE	1.0	U	
1,3-DICHLOROBENZENE	1.0	U	
1,4-DICHLOROBENZENE	1.0	U	
2-BUTANONE	1.0	U	
2-HEXANONE	1.0	U	
4-METHYL-2-PENTANONE	1.0	U	
ACETONE	2.3	U	A
BENZENE	1.0	U	
BROMODICHLOROMETHANE	1.0	U	
BROMOFORM	1.0	U	
BROMOMETHANE	1.0	U	
CARBON DISULFIDE	1.0	U	
CARBON TETRACHLORIDE	1.0	U	
CHLOROBENZENE	1.0	U	
CHLORODIBROMOMETHANE	1.0	U	
CHLOROETHANE	1.0	U	
CHLOROFORM	1.0	U	
CHLOROMETHANE	1.0	UJ	C
CIS-1,2-DICHLOROETHENE	1.0	U	
CIS-1,3-DICHLOROPROPENE	1.0	U	
CYCLOHEXANE	1.0	U	

nsample	08SSC004
samp_date	11/12/2007 12:52:00 PM
lab_id	TT02002-004
qc_type	NM
units	UG/KG
Pct_Solids	96.0
DUP_OF:	

Parameter	Result	Val Qual	Qual Code
DICHLORODIFLUOROMETHANE	1.0	U	
ETHYLBENZENE	1.0	U	
ISOPROPYLBENZENE	1.0	U	
M+P-XYLENES	1.0	U	
METHYL ACETATE	1.0	U	
METHYL CYCLOHEXANE	1.0	U	
METHYL TERT-BUTYL ETHER	1.0	U	
METHYLENE CHLORIDE	1.0	U	
O-XYLENE	1.0	U	
STYRENE	1.0	U	
TETRACHLOROETHENE	1.0	UJ	C
TOLUENE	1.0	U	
TOTAL XYLENES	1.0	U	
TRANS-1,2-DICHLOROETHENE	1.0	U	
TRANS-1,3-DICHLOROPROPENE	1.0	U	
TRICHLOROETHENE	1.0	U	
TRICHLOROFLUOROMETHANE	1.0	U	
VINYL CHLORIDE	1.0	U	

nsample	08SSC005
samp_date	11/12/2007 1:00:00 PM
lab_id	TT02002-005
qc_type	NM
units	UG/KG
Pct_Solids	96.0
DUP_OF:	

Parameter	Result	Val Qual	Qual Code
1,1,1-TRICHLOROETHANE	1.0	U	
1,1,2,2-TETRACHLOROETHANE	1.0	U	
1,1,2-TRICHLOROETHANE	1.0	U	
1,1,2-TRICHLOROTRIFLUOROETHANE	1.0	U	
1,1-DICHLOROETHANE	1.0	U	
1,1-DICHLOROETHENE	1.0	U	
1,2,4-TRICHLOROBENZENE	1.0	U	
1,2-DIBROMO-3-CHLOROPROPANE	1.0	U	
1,2-DIBROMOETHANE	1.0	U	
1,2-DICHLOROBENZENE	1.0	U	
1,2-DICHLOROETHANE	1.0	U	
1,2-DICHLOROPROPANE	1.0	U	
1,3-DICHLOROBENZENE	1.0	U	
1,4-DICHLOROBENZENE	1.0	U	
2-BUTANONE	1.0	U	
2-HEXANONE	1.0	U	
4-METHYL-2-PENTANONE	1.0	U	
ACETONE	2.4	U	A
BENZENE	1.0	U	
BROMODICHLOROMETHANE	1.0	U	
BROMOFORM	1.0	U	
BROMOMETHANE	1.0	U	
CARBON DISULFIDE	1.0	U	
CARBON TETRACHLORIDE	1.0	U	
CHLOROBENZENE	1.0	U	
CHLORODIBROMOMETHANE	1.0	U	
CHLOROETHANE	1.0	U	
CHLOROFORM	1.0	U	
CHLOROMETHANE	1.0	UJ	C
CIS-1,2-DICHLOROETHENE	1.0	U	
CIS-1,3-DICHLOROPROPENE	1.0	U	
CYCLOHEXANE	1.0	U	

nsample	08SSC005
samp_date	11/12/2007 1:00:00 PM
lab_id	TT02002-005
qc_type	NM
units	UG/KG
Pct_Solids	96.0
DUP_OF:	

Parameter	Result	Val Qual	Qual Code
DICHLORODIFLUOROMETHANE	1.0	U	
ETHYLBENZENE	1.0	U	
ISOPROPYLBENZENE	1.0	U	
M+P-XYLENES	1.0	U	
METHYL ACETATE	1.0	U	
METHYL CYCLOHEXANE	1.0	U	
METHYL TERT-BUTYL ETHER	1.0	U	
METHYLENE CHLORIDE	1.0	U	
O-XYLENE	1.0	U	
STYRENE	1.0	U	
TETRACHLOROETHENE	1.0	UJ	C
TOLUENE	1.0	U	
TOTAL XYLENES	1.0	U	
TRANS-1,2-DICHLOROETHENE	1.0	U	
TRANS-1,3-DICHLOROPROPENE	1.0	U	
TRICHLOROETHENE	1.0	U	
TRICHLOROFLUOROMETHANE	1.0	U	
VINYL CHLORIDE	1.0	U	

PROJ_NO: 00352

SDG: TT02002 MEDIA: SOIL DATA FRACTION: OV

nsample	08SSC006
samp_date	11/12/2007 1:10:00 PM
lab_id	TT02002-006
qc_type	NM
units	UG/KG
Pct_Solids	92.0
DUP_OF:	

Parameter	Result	Val Qual	Qual Code
1,1,1-TRICHLOROETHANE	0.88	U	
1,1,2,2-TETRACHLOROETHANE	0.88	U	
1,1,2-TRICHLOROETHANE	0.88	U	
1,1,2-TRICHLOROTRIFLUOROETHANE	0.88	U	
1,1-DICHLOROETHANE	0.88	U	
1,1-DICHLOROETHENE	0.88	U	
1,2,4-TRICHLOROBENZENE	0.88	U	
1,2-DIBROMO-3-CHLOROPROPANE	0.88	U	
1,2-DIBROMOETHANE	0.88	U	
1,2-DICHLOROBENZENE	0.88	U	
1,2-DICHLOROETHANE	0.88	U	
1,2-DICHLOROPROPANE	0.88	U	
1,3-DICHLOROBENZENE	0.88	U	
1,4-DICHLOROBENZENE	0.88	U	
2-BUTANONE	0.88	U	
2-HEXANONE	0.88	U	
4-METHYL-2-PENTANONE	0.88	U	
ACETONE	1.6	U	A
BENZENE	0.88	U	
BROMODICHLOROMETHANE	0.88	U	
BROMOFORM	0.88	U	
BROMOMETHANE	0.88	U	
CARBON DISULFIDE	0.88	U	
CARBON TETRACHLORIDE	0.88	U	
CHLOROBENZENE	0.88	U	
CHLORODIBROMOMETHANE	0.88	U	
CHLOROETHANE	0.88	U	
CHLOROFORM	0.88	U	
CHLOROMETHANE	0.88	UJ	C
CIS-1,2-DICHLOROETHENE	0.88	U	
CIS-1,3-DICHLOROPROPENE	0.88	U	
CYCLOHEXANE	0.88	U	

nsample	08SSC006
samp_date	11/12/2007 1:10:00 PM
lab_id	TT02002-006
qc_type	NM
units	UG/KG
Pct_Solids	92.0
DUP_OF:	

Parameter	Result	Val Qual	Qual Code
DICHLORODIFLUOROMETHANE	0.88	U	
ETHYLBENZENE	0.88	U	
ISOPROPYLBENZENE	0.88	U	
M+P-XYLENES	0.88	U	
METHYL ACETATE	0.88	U	
METHYL CYCLOHEXANE	0.88	U	
METHYL TERT-BUTYL ETHER	0.88	U	
METHYLENE CHLORIDE	0.88	U	
O-XYLENE	0.88	U	
STYRENE	0.88	U	
TETRACHLOROETHENE	0.88	UJ	C
TOLUENE	0.88	U	
TOTAL XYLENES	0.88	U	
TRANS-1,2-DICHLOROETHENE	0.88	U	
TRANS-1,3-DICHLOROPROPENE	0.88	U	
TRICHLOROETHENE	0.88	U	
TRICHLOROFLUOROMETHANE	0.88	U	
VINYL CHLORIDE	0.88	U	

APPENDIX E

SOIL SAMPLE LOG SHEETS

Tetra Tech NUS, Inc.

SOIL & SEDIMENT SAMPLE LOG SHEET

Project Site Name: NSWC Crane SWMU 8 106 Pond
Project No.: 112G00352 CTO 0020

Sample ID No.: 08SSW001
Sample Location: 08SB001
Sampled By: Goerdt
C.O.C. No.: 3267

[X] Surface Soil
[] Subsurface Soil
[] Sediment
[] Other:
[] QA Sample Type:

Type of Sample:
[] Low Concentration
[] High Concentration

GRAB SAMPLE DATA:

		Depth Interval	Color	Description (Sand, Silt, Clay, Moisture, etc.)
Date:	10/3/2007			
Time:	12:50			
Method:	Plastic Trowel			
Monitor Reading (ppm	NA			

COMPOSITE SAMPLE DATA:

Date:	Time	Depth Interval	Color	Description (Sand, Silt, Clay, Moisture, etc.)
Method:				
Monitor Readings (Range in ppm):				

SAMPLE COLLECTION INFORMATION:

	Analysis	Container Requirements	Collected	Other
Field Analysis	FIELD	(2) 40 mL vial	YES	
VOCs	SW-846-8060B	(3) encore	YES	
% Moisture		(1) 4 oz jar	YES	

	CCs	Tube	Vial	Result		
Field Analysis	100	L	1st	> 3.0	ppm	
	100	LL	2nd	7.5	ppm	

OBSERVATIONS / NOTES:

Sample collected from east side of southern end of pond, between nodes 10 and 11.

MAP:

Circle if Applicable:

MS/MSD	Duplicate ID No.:

Signature(s):

Tetra Tech NUS, Inc.

SOIL & SEDIMENT SAMPLE LOG SHEET

Project Site Name: NSWC Crane SWMU 8 106 Pond
Project No.: 112G00352 CTO 0020

Sample ID No.: 08SSW002
Sample Location: 08SB002
Sampled By: Goerdt
C.O.C. No.: 3267

[X] Surface Soil
[] Subsurface Soil
[] Sediment
[] Other:
[] QA Sample Type:

Type of Sample:
[] Low Concentration
[] High Concentration

GRAB SAMPLE DATA:

		Depth Interval	Color	Description (Sand, Silt, Clay, Moisture, etc.)
Date:	10/3/2007			
Time:	12:58			
Method:	Plastic Trowel			
Monitor Reading (ppm	NA			

COMPOSITE SAMPLE DATA:

Date:	Time	Depth Interval	Color	Description (Sand, Silt, Clay, Moisture, etc.)
Method:				
Monitor Readings (Range in ppm):				

SAMPLE COLLECTION INFORMATION:

	Analysis	Container Requirements	Collected	Other
Field Analysis	FIELD	(2) 40 mL vial	YES	
VOCs	SW-846-8060B	(3) encore	YES	
% Moisture		(1) 4 oz jar	YES	

	CCs	Tube	Vial	Result
Field Analysis	100	L	1st	Non-detect
	100	LL	1st	Non-detect
	100	LL	2nd	Non-detect

OBSERVATIONS / NOTES:

Sample collected from southeast corner of pond between nodes 9 and 10.

MAP:

Circle if Applicable:

MS/MSD	Duplicate ID No.:

Signature(s):

Tetra Tech NUS, Inc.

SOIL & SEDIMENT SAMPLE LOG SHEET

Project Site Name: NSWC Crane SWMU 8 106 Pond
Project No.: 112G00352 CTO 0020

Sample ID No.: 08SSW003
Sample Location: 08SB003
Sampled By: Goerdt
C.O.C. No.: 3267

[X] Surface Soil
[] Subsurface Soil
[] Sediment
[] Other:
[] QA Sample Type:

Type of Sample:
[] Low Concentration
[] High Concentration

GRAB SAMPLE DATA:

		Depth Interval	Color	Description (Sand, Silt, Clay, Moisture, etc.)
Date:	10/3/2007			
Time:	13:05			
Method:	Plastic Trowel			
Monitor Reading (ppm	NA			

COMPOSITE SAMPLE DATA:

Date:	Time	Depth Interval	Color	Description (Sand, Silt, Clay, Moisture, etc.)
Method:				
Monitor Readings (Range in ppm):				

SAMPLE COLLECTION INFORMATION:

	Analysis	Container Requirements	Collected	Other
Field Analysis	FIELD	(2) 40 mL vial	YES	
VOCs	SW-846-8060B	(3) encore	YES	
% Moisture		(1) 4 oz jar	YES	

	CCs	Tube	Vial	Result		
Field Analysis	100	LL	1st	1.0	ppm	

OBSERVATIONS / NOTES:

Sample collected from south end of east side of pond between nodes 8 and 9.

MAP:

Circle if Applicable:

MS/MSD	Duplicate ID No.:

Signature(s):

Tetra Tech NUS, Inc.

SOIL & SEDIMENT SAMPLE LOG SHEET

Project Site Name: NSWC Crane SWMU 8 106 Pond
Project No.: 112G00352 CTO 0020

Sample ID No.: 08SSW004
Sample Location: 08SB004
Sampled By: Goerdt
C.O.C. No.: 3267

[X] Surface Soil
[] Subsurface Soil
[] Sediment
[] Other:
[] QA Sample Type:

Type of Sample:
[] Low Concentration
[] High Concentration

GRAB SAMPLE DATA:

		Depth Interval	Color	Description (Sand, Silt, Clay, Moisture, etc.)
Date:	10/3/2007			
Time:	13:15			
Method:	Plastic Trowel			
Monitor Reading (ppm	NA			

COMPOSITE SAMPLE DATA:

Date:	Time	Depth Interval	Color	Description (Sand, Silt, Clay, Moisture, etc.)
Method:				
Monitor Readings (Range in ppm):				

SAMPLE COLLECTION INFORMATION:

	Analysis	Container Requirements	Collected	Other
Field Analysis	FIELD	(2) 40 mL vial	YES	
VOCs	SW-846-8060B	(3) encore	YES	
% Moisture		(1) 4 oz jar	YES	

	CCs	Tube	Vial	Result		
Field Analysis	100	LL	1st	> 3.0	ppm	
	100	L	2nd	Non-detect	ppm	
	100	LL	2nd	0.7	ppm	

OBSERVATIONS / NOTES:

Sample collected from east side of pond between nodes 7 and 8.

MAP:

Circle if Applicable:

MS/MSD	Duplicate ID No.:

Signature(s):

Tetra Tech NUS, Inc.

SOIL & SEDIMENT SAMPLE LOG SHEET

Project Site Name: NSWC Crane SWMU 8 106 Pond
Project No.: 112G00352 CTO 0020

Sample ID No.: 08SSW005
Sample Location: 08SB005
Sampled By: Goerdt
C.O.C. No.: 3267

[X] Surface Soil
[] Subsurface Soil
[] Sediment
[] Other:
[] QA Sample Type:

Type of Sample:
[] Low Concentration
[] High Concentration

GRAB SAMPLE DATA:

		Depth Interval	Color	Description (Sand, Silt, Clay, Moisture, etc.)
Date:	10/3/2007			
Time:	13:25			
Method:	Plastic Trowel			
Monitor Reading (ppm	NA			

COMPOSITE SAMPLE DATA:

Date:	Time	Depth Interval	Color	Description (Sand, Silt, Clay, Moisture, etc.)
Method:				
Monitor Readings (Range in ppm):				

SAMPLE COLLECTION INFORMATION:

Analysis		Container Requirements	Collected	Other
Field Analysis	FIELD	(2) 40 mL vial	YES	
VOCs	SW-846-8060B	(3) encore	YES	
% Moisture		(1) 4 oz jar	YES	

	CCs	Tube	Vial	Result		
Field Analysis	100	LL	1st	Non-detect		
	100	LL	2nd	Non-detect		
	100	LL	1st	Non-detect	duplicate	
	100	LL	2nd	Non-detect	duplicate	

OBSERVATIONS / NOTES:

Sample collected from northeast corner of pond between nodes 6 and 7.

Duplicate vials collected

MAP:

Circle if Applicable:

MS/MSD	Duplicate ID No.:

Signature(s):

Tetra Tech NUS, Inc.

SOIL & SEDIMENT SAMPLE LOG SHEET

Project Site Name: NSWC Crane SWMU 8 106 Pond
Project No.: 112G00352 CTO 0020

Sample ID No.: 08SSW006
Sample Location: 08SB006
Sampled By: Goerdt
C.O.C. No.: 3267

[X] Surface Soil
[] Subsurface Soil
[] Sediment
[] Other:
[] QA Sample Type:

Type of Sample:
[] Low Concentration
[] High Concentration

GRAB SAMPLE DATA:

		Depth Interval	Color	Description (Sand, Silt, Clay, Moisture, etc.)
Date:	10/3/2007			
Time:	13:30			
Method:	Plastic Trowel			
Monitor Reading (ppm	NA			

COMPOSITE SAMPLE DATA:

Date:	Time	Depth Interval	Color	Description (Sand, Silt, Clay, Moisture, etc.)
Method:				
Monitor Readings (Range in ppm):				

SAMPLE COLLECTION INFORMATION:

Analysis		Container Requirements	Collected	Other
Field Analysis	FIELD	(2) 40 mL vial	YES	
VOCs	SW-846-8060B	(3) encore	YES	
% Moisture		(1) 4 oz jar	YES	

	CCs	Tube	Vial	Result		
Field Analysis	100	LL	1st	Non-detect	ppm	
	100	LL	2nd	Non-detect	ppm	

OBSERVATIONS / NOTES:

Sample collected from east side of north end of pond between nodes 5A and 6.

MAP:

Circle if Applicable:

MS/MSD	Duplicate ID No.: 08FD10030701

Signature(s):

Tetra Tech NUS, Inc.

SOIL & SEDIMENT SAMPLE LOG SHEET

Project Site Name: NSWC Crane SWMU 8 106 Pond
Project No.: 112G00352 CTO 0020

Sample ID No.: 08SSW007
Sample Location: 08SB007
Sampled By: Goerdt
C.O.C. No.: 3267

[X] Surface Soil
[] Subsurface Soil
[] Sediment
[] Other:
[] QA Sample Type:

Type of Sample:
[] Low Concentration
[] High Concentration

GRAB SAMPLE DATA:

		Depth Interval	Color	Description (Sand, Silt, Clay, Moisture, etc.)
Date:	10/3/2007			
Time:	13:46			
Method:	Plastic Trowel			
Monitor Reading (ppm	NA			

COMPOSITE SAMPLE DATA:

Date:	Time	Depth Interval	Color	Description (Sand, Silt, Clay, Moisture, etc.)
Method:				
Monitor Readings (Range in ppm):				

SAMPLE COLLECTION INFORMATION:

Analysis		Container Requirements	Collected	Other
Field Analysis	FIELD	(2) 40 mL vial	YES	
VOCs	SW-846-8060B	(3) encore	YES	
% Moisture		(1) 4 oz jar	YES	

	CCs	Tube	Vial	Result		
Field Analysis	100	LL	1st	Non-detect	ppm	
	100	LL	2nd	Non-detect	ppm	

OBSERVATIONS / NOTES:

Sample collected from northwest corner of pond between nodes 4 and 5.

MAP:

Circle if Applicable:

MS/MSD	Duplicate ID No.:

Signature(s):

Tetra Tech NUS, Inc.

SOIL & SEDIMENT SAMPLE LOG SHEET

Project Site Name: NSWC Crane SWMU 8 106 Pond
Project No.: 112G00352 CTO 0020

Sample ID No.: 08SSW008
Sample Location: 08SB008
Sampled By: Goerdt
C.O.C. No.: 3267

[X] Surface Soil
[] Subsurface Soil
[] Sediment
[] Other:
[] QA Sample Type:

Type of Sample:
[] Low Concentration
[] High Concentration

GRAB SAMPLE DATA:

		Depth Interval	Color	Description (Sand, Silt, Clay, Moisture, etc.)
Date:	10/3/2007			
Time:	13:52			
Method:	Plastic Trowel			
Monitor Reading (ppm	NA			

COMPOSITE SAMPLE DATA:

Date:	Time	Depth Interval	Color	Description (Sand, Silt, Clay, Moisture, etc.)
Method:				
Monitor Readings (Range in ppm):				

SAMPLE COLLECTION INFORMATION:

Analysis		Container Requirements	Collected	Other
Field Analysis	FIELD	(2) 40 mL vial	YES	
VOCs	SW-846-8060B	(3) encore	YES	
% Moisture		(1) 4 oz jar	YES	

	CCs	Tube	Vial	Result		
Field Analysis	100	LL	1st	Non-detect	ppm	
	100	LL	2nd	Non-detect	ppm	

OBSERVATIONS / NOTES:

Sample collected from west side of north end of pond between nodes 5 and 5A.

MAP:

Circle if Applicable:

MS/MSD	Duplicate ID No.:

Signature(s):

Tetra Tech NUS, Inc.

SOIL & SEDIMENT SAMPLE LOG SHEET

Project Site Name: NSWC Crane SWMU 8 106 Pond
Project No.: 112G00352 CTO 0020

Sample ID No.: 08SSW009
Sample Location: 08SB009
Sampled By: Goerdt
C.O.C. No.: 3267

[X] Surface Soil
[] Subsurface Soil
[] Sediment
[] Other:
[] QA Sample Type:

Type of Sample:
[] Low Concentration
[] High Concentration

GRAB SAMPLE DATA:

		Depth Interval	Color	Description (Sand, Silt, Clay, Moisture, etc.)
Date:	10/3/2007			
Time:	14:00			
Method:	Plastic Trowel			
Monitor Reading (ppm	NA			

COMPOSITE SAMPLE DATA:

Date:	Time	Depth Interval	Color	Description (Sand, Silt, Clay, Moisture, etc.)
Method:				
Monitor Readings				
(Range in ppm):				

SAMPLE COLLECTION INFORMATION:

	Analysis	Container Requirements	Collected	Other
Field Analysis	FIELD	(2) 40 mL vial	YES	
VOCs	SW-846-8060B	(3) encore	YES	
% Moisture		(1) 4 oz jar	YES	

	CCs	Tube	Vial	Result		
Field Analysis	100	LL	1st	> 3.0	ppm	
	100	L	2nd	3.0	ppm	

OBSERVATIONS / NOTES:

Sample collected from northern end of west side of pond between nodes 3 and 4.

MAP:

Circle if Applicable:

MS/MSD	Duplicate ID No.:

Signature(s):

Tetra Tech NUS, Inc.

SOIL & SEDIMENT SAMPLE LOG SHEET

Project Site Name: NSWC Crane SWMU 8 106 Pond
Project No.: 112G00352 CTO 0020

Sample ID No.: 08SSW010
Sample Location: 08SB010
Sampled By: Goerdt
C.O.C. No.: 3267

[X] Surface Soil
[] Subsurface Soil
[] Sediment
[] Other:
[] QA Sample Type:

Type of Sample:
[] Low Concentration
[] High Concentration

GRAB SAMPLE DATA:

		Depth Interval	Color	Description (Sand, Silt, Clay, Moisture, etc.)
Date:	10/3/2007			
Time:	14:04			
Method:	Plastic Trowel			
Monitor Reading (ppm	NA			

COMPOSITE SAMPLE DATA:

Date:	Time	Depth Interval	Color	Description (Sand, Silt, Clay, Moisture, etc.)
Method:				
Monitor Readings (Range in ppm):				

SAMPLE COLLECTION INFORMATION:

	Analysis	Container Requirements	Collected	Other
Field Analysis	FIELD	(2) 40 mL vial	YES	
VOCs	SW-846-8060B	(3) encore	YES	
% Moisture		(1) 4 oz jar	YES	

	CCs	Tube	Vial	Result		
Field Analysis	100	LL	1st	Non-detect	ppm	
	100	LL	2nd	Non-detect	ppm	

OBSERVATIONS / NOTES:

Sample collected from the west side of pond between nodes 2 and 3.

MAP:

Circle if Applicable:

MS/MSD	Duplicate ID No.:

Signature(s):

Tetra Tech NUS, Inc.

SOIL & SEDIMENT SAMPLE LOG SHEET

Project Site Name: NSWC Crane SWMU 8 106 Pond
Project No.: 112G00352 CTO 0020

Sample ID No.: 08SSW011
Sample Location: 08SB011
Sampled By: Goerdt
C.O.C. No.: 3267

[X] Surface Soil
[] Subsurface Soil
[] Sediment
[] Other:
[] QA Sample Type:

Type of Sample:
[] Low Concentration
[] High Concentration

GRAB SAMPLE DATA:

		Depth Interval	Color	Description (Sand, Silt, Clay, Moisture, etc.)
Date:	10/3/2007			
Time:	14:20			
Method:	Plastic Trowel			
Monitor Reading (ppm	NA			

COMPOSITE SAMPLE DATA:

Date:	Time	Depth Interval	Color	Description (Sand, Silt, Clay, Moisture, etc.)
Method:				
Monitor Readings (Range in ppm):				

SAMPLE COLLECTION INFORMATION:

Analysis		Container Requirements	Collected	Other
Field Analysis	FIELD	(2) 40 mL vial	YES	
VOCs	SW-846-8060B	(3) encore	YES	
% Moisture		(1) 4 oz jar	YES	

	CCs	Tube	Vial	Result		
Field Analysis	100	LL	1st	Non-detect	ppm	
	100	LL	2nd	0.5	ppm	
	100	LL	2nd	0.2	ppm	
	100	LL	2nd	0.9	ppm	

OBSERVATIONS / NOTES:

Sample collected from the southwest corner of pond bewteen nodes 1 and 2.

MAP:

Circle if Applicable:

MS/MSD	Duplicate ID No.:
YES	

Signature(s):

Tetra Tech NUS, Inc.

SOIL & SEDIMENT SAMPLE LOG SHEET

Project Site Name: NSWC Crane SWMU 8 106 Pond
Project No.: 112G00352 CTO 0020

[X] Surface Soil
[] Subsurface Soil
[] Sediment
[] Other:
[] QA Sample Type:

Sample ID No.: 08SSW012
Sample Location: 08SB012
Sampled By: Goerdt
C.O.C. No.: 3267

Type of Sample:
[] Low Concentration
[] High Concentration

GRAB SAMPLE DATA:

		Depth Interval	Color	Description (Sand, Silt, Clay, Moisture, etc.)
Date:	10/3/2007			
Time:	14:25			
Method:	Plastic Trowel			
Monitor Reading (ppm	NA			

COMPOSITE SAMPLE DATA:

Date:	Time	Depth Interval	Color	Description (Sand, Silt, Clay, Moisture, etc.)
Method:				
Monitor Readings (Range in ppm):				

SAMPLE COLLECTION INFORMATION:

	Analysis	Container Requirements	Collected	Other
Field Analysis	FIELD	(2) 40 mL vial	YES	
VOCs	SW-846-8060B	(3) encore	YES	
% Moisture		(1) 4 oz jar	YES	

	CCs	Tube	Vial	Result		
Field Analysis	100	LL	1st	Non-detect	ppm	
	100	LL	2nd	Non-detect	ppm	

OBSERVATIONS / NOTES:

Sample collected from the west end of south side of pond between nodes 12 and 1.

MAP:

Circle if Applicable:

MS/MSD	Duplicate ID No.:

Signature(s):

Tetra Tech NUS, Inc.

SOIL & SEDIMENT SAMPLE LOG SHEET

Project Site Name: NSWC Crane SWMU 8 106 Pond
Project No.: 112G00352 CTO 0020

Sample ID No.: 08SSW013
Sample Location: 08SB013
Sampled By: Goerdt
C.O.C. No.: 3267

[X] Surface Soil
[] Subsurface Soil
[] Sediment
[] Other:
[] QA Sample Type:

Type of Sample:
[] Low Concentration
[] High Concentration

GRAB SAMPLE DATA:

		Depth Interval	Color	Description (Sand, Silt, Clay, Moisture, etc.)
Date:	10/3/2007			
Time:	14:35			
Method:	Plastic Trowel			
Monitor Reading (ppm	NA			

COMPOSITE SAMPLE DATA:

Date:	Time	Depth Interval	Color	Description (Sand, Silt, Clay, Moisture, etc.)
Method:				
Monitor Readings				
(Range in ppm):				

SAMPLE COLLECTION INFORMATION:

Analysis		Container Requirements	Collected	Other
Field Analysis	FIELD	(2) 40 mL vial	YES	
VOCs	SW-846-8060B	(3) encore	YES	
% Moisture		(1) 4 oz jar	YES	

	CCs	Tube	Vial	Result		
Field Analysis	100	LL	1st	1.1	ppm	
	100	LL	2nd	0.6	ppm	
	100	LL	1st	1.2	ppm	
	100	LL	2nd	1.1	ppm	

OBSERVATIONS / NOTES:

Sample collected from the west side of south end of pond between nodes 11 and 12.

MAP:

Circle if Applicable:

MS/MSD	Duplicate ID No.:

Signature(s):

Tetra Tech NUS, Inc.

SOIL & SEDIMENT SAMPLE LOG SHEET

Project Site Name: NSWC Crane SWMU 8 106 Pond
Project No.: 112G00352 CTO 0020

Sample ID No.: 08SSW014
Sample Location: 08SB014
Sampled By: Goerdt
C.O.C. No.: 3268

[X] Surface Soil
[] Subsurface Soil
[] Sediment
[] Other:
[] QA Sample Type:

Type of Sample:
[] Low Concentration
[] High Concentration

GRAB SAMPLE DATA:

		Depth Interval	Color	Description (Sand, Silt, Clay, Moisture, etc.)
Date:	10/4/2007			
Time:	9:00			
Method:	Plastic Trowel			
Monitor Reading (ppm	NA			

COMPOSITE SAMPLE DATA:

Date:	Time	Depth Interval	Color	Description (Sand, Silt, Clay, Moisture, etc.)
Method:				
Monitor Readings (Range in ppm):				

SAMPLE COLLECTION INFORMATION:

Analysis		Container Requirements	Collected	Other
Field Analysis	FIELD	(2) 40 mL vial	YES	
VOCs	SW-846-8060B	(3) encore	YES	
% Moisture		(1) 4 oz jar	YES	

	CCs	Tube	Vial	Result		
Field Analysis	100	LL	1st	0.3	ppm	

OBSERVATIONS / NOTES:

Sample collected from the west side of south end of pond at node 9.
Sample was collected after additional excavation in the area of node 9.

MAP:

Circle if Applicable:

MS/MSD	Duplicate ID No.:

Signature(s):

Tetra Tech NUS, Inc.

SOIL & SEDIMENT SAMPLE LOG SHEET

Project Site Name: NSWC Crane SWMU 8 106 Pond
Project No.: 112G00352 CTO 0020

Sample ID No.: 08SSW015
Sample Location: 08SB015
Sampled By: Goerdt
C.O.C. No.: 3268

[X] Surface Soil
[] Subsurface Soil
[] Sediment
[] Other:
[] QA Sample Type:

Type of Sample:
[] Low Concentration
[] High Concentration

GRAB SAMPLE DATA:

		Depth Interval	Color	Description (Sand, Silt, Clay, Moisture, etc.)
Date:	10/4/2007			
Time:	9:07			
Method:	Plastic Trowel			
Monitor Reading (ppm	NA			

COMPOSITE SAMPLE DATA:

Date:	Time	Depth Interval	Color	Description (Sand, Silt, Clay, Moisture, etc.)
Method:				
Monitor Readings (Range in ppm):				

SAMPLE COLLECTION INFORMATION:

Analysis		Container Requirements	Collected	Other
Field Analysis	FIELD	(2) 40 mL vial	YES	
VOCs	SW-846-8060B	(3) encore	YES	
% Moisture		(1) 4 oz jar	YES	

	CCs	Tube	Vial	Result		
Field Analysis	100	M	1st	> 100	ppm	

OBSERVATIONS / NOTES:

Sample collected from the west side of south end of pond.
Sample was collected after additional excavation in the area of node 11.

MAP:

Circle if Applicable:

MS/MSD	Duplicate ID No.:

Signature(s):

Tetra Tech NUS, Inc.

SOIL & SEDIMENT SAMPLE LOG SHEET

Project Site Name: NSWC Crane SWMU 8 106 Pond
Project No.: 112G00352 CTO 0020

Sample ID No.: 08SSW016
Sample Location: 08SB016
Sampled By: Goerdt
C.O.C. No.: 3268

[X] Surface Soil
[] Subsurface Soil
[] Sediment
[] Other:
[] QA Sample Type:

Type of Sample:
[] Low Concentration
[] High Concentration

GRAB SAMPLE DATA:

		Depth Interval	Color	Description (Sand, Silt, Clay, Moisture, etc.)
Date:	10/4/2007			
Time:	9:12			
Method:	Plastic Trowel			
Monitor Reading (ppm	NA			

COMPOSITE SAMPLE DATA:

Date:	Time	Depth Interval	Color	Description (Sand, Silt, Clay, Moisture, etc.)
Method:				
Monitor Readings				
(Range in ppm):				

SAMPLE COLLECTION INFORMATION:

	Analysis	Container Requirements	Collected	Other
Field Analysis	FIELD	(2) 40 mL vial	YES	
VOCs	SW-846-8060B	(3) encore	YES	
% Moisture		(1) 4 oz jar	YES	

	CCs	Tube	Vial	Result		
Field Analysis	100	LL	1st	Non-detect	ppm	

OBSERVATIONS / NOTES:

Sample collected from the west side of south end of pond at node 1.
Sample was collected after additional excavation in the area of node 1.

MAP:

Circle if Applicable:

MS/MSD	Duplicate ID No.:

Signature(s):

Tetra Tech NUS, Inc.

SOIL & SEDIMENT SAMPLE LOG SHEET

Project Site Name: NSWC Crane SWMU 8 106 Pond
Project No.: 112G00352 CTO 0020

[X] Surface Soil
[] Subsurface Soil
[] Sediment
[] Other:
[] QA Sample Type:

Sample ID No.: 08SSC001
Sample Location: 08SBC001
Sampled By: Goerdt
C.O.C. No.: 0188

Type of Sample:
[] Low Concentration
[] High Concentration

GRAB SAMPLE DATA:

		Depth Interval	Color	Description (Sand, Silt, Clay, Moisture, etc.)
Date:	11/12/2007			
Time:	12:30			
Method:	Plastic Trowel			
Monitor Reading (ppm	NA			

COMPOSITE SAMPLE DATA:

Date:	Time	Depth Interval	Color	Description (Sand, Silt, Clay, Moisture, etc.)
Method:				
Monitor Readings				
(Range in ppm):				

SAMPLE COLLECTION INFORMATION:

Analysis		Container Requirements	Collected	Other
VOCs	SW-846-8060B	(3) encore	YES	
% Moisture		(1) 4 oz jar	YES	

OBSERVATIONS / NOTES:

Sample collected from the Baker water tank storage area.

MAP:

Circle if Applicable:

MS/MSD	Duplicate ID No.:

Signature(s):

Tetra Tech NUS, Inc.

SOIL & SEDIMENT SAMPLE LOG SHEET

Project Site Name: NSWC Crane SWMU 8 106 Pond
Project No.: 112G00352 CTO 0020

Sample ID No.: 08SSC002
Sample Location: 08SBC002
Sampled By: Goerdt
C.O.C. No.: 0188

[X] Surface Soil
[] Subsurface Soil
[] Sediment
[] Other:
[] QA Sample Type:

Type of Sample:
[] Low Concentration
[] High Concentration

GRAB SAMPLE DATA:

		Depth Interval	Color	Description (Sand, Silt, Clay, Moisture, etc.)
Date:	11/12/2007			
Time:	12:37			
Method:	Plastic Trowel			
Monitor Reading (ppm	NA			

COMPOSITE SAMPLE DATA:

Date:	Time	Depth Interval	Color	Description (Sand, Silt, Clay, Moisture, etc.)
Method:				
Monitor Readings (Range in ppm):				

SAMPLE COLLECTION INFORMATION:

Analysis		Container Requirements	Collected	Other
VOCs	SW-846-8060B	(9) encore	YES	
% Moisture		(1) 4 oz jar	YES	

OBSERVATIONS / NOTES:

Sample collected from the Baker water tank storage area.

MAP:

Circle if Applicable:

MS/MSD	Duplicate ID No.:
Yes - VOCs	

Signature(s):

Tetra Tech NUS, Inc.

SOIL & SEDIMENT SAMPLE LOG SHEET

Project Site Name: NSWC Crane SWMU 8 106 Pond
Project No.: 112G00352 CTO 0020

Sample ID No.: 08SSC003
Sample Location: 08SBC003
Sampled By: Goerdt
C.O.C. No.: 0188

[X] Surface Soil
[] Subsurface Soil
[] Sediment
[] Other:
[] QA Sample Type:

Type of Sample:
[] Low Concentration
[] High Concentration

GRAB SAMPLE DATA:

		Depth Interval	Color	Description (Sand, Silt, Clay, Moisture, etc.)
Date:	11/12/2007			
Time:	12:44			
Method:	Plastic Trowel			
Monitor Reading (ppm	NA			

COMPOSITE SAMPLE DATA:

Date:	Time	Depth Interval	Color	Description (Sand, Silt, Clay, Moisture, etc.)
Method:				
Monitor Readings (Range in ppm):				

SAMPLE COLLECTION INFORMATION:

Analysis		Container Requirements	Collected	Other
VOCs	SW-846-8060B	(3) encore	YES	
% Moisture		(1) 4 oz jar	YES	

OBSERVATIONS / NOTES:

Sample collected from the Baker water tank storage area.

MAP:

Circle if Applicable:

MS/MSD	Duplicate ID No.:

Signature(s):

Tetra Tech NUS, Inc.

SOIL & SEDIMENT SAMPLE LOG SHEET

Project Site Name: NSWC Crane SWMU 8 106 Pond
Project No.: 112G00352 CTO 0020

Sample ID No.: 08SSC004
Sample Location: 08SBC004
Sampled By: Goerdt
C.O.C. No.: 0188

[X] Surface Soil
[] Subsurface Soil
[] Sediment
[] Other:
[] QA Sample Type:

Type of Sample:
[] Low Concentration
[] High Concentration

GRAB SAMPLE DATA:

		Depth Interval	Color	Description (Sand, Silt, Clay, Moisture, etc.)
Date:	11/12/2007			
Time:	12:52			
Method:	Plastic Trowel			
Monitor Reading (ppm	NA			

COMPOSITE SAMPLE DATA:

Date:	Time	Depth Interval	Color	Description (Sand, Silt, Clay, Moisture, etc.)
Method:				
Monitor Readings				
(Range in ppm):				

SAMPLE COLLECTION INFORMATION:

Analysis		Container Requirements	Collected	Other
VOCs	SW-846-8060B	(3) encore	YES	
% Moisture		(1) 4 oz jar	YES	

OBSERVATIONS / NOTES:

Sample collected from the Decon area.

MAP:

Circle if Applicable:

MS/MSD	Duplicate ID No.:

Signature(s):

Tetra Tech NUS, Inc.

SOIL & SEDIMENT SAMPLE LOG SHEET

Project Site Name: NSWC Crane SWMU 8 106 Pond
Project No.: 112G00352 CTO 0020

Sample ID No.: 08SSC005
Sample Location: 08SBC005
Sampled By: Goerdt
C.O.C. No.: 0188

[X] Surface Soil
[] Subsurface Soil
[] Sediment
[] Other:
[] QA Sample Type:

Type of Sample:
[] Low Concentration
[] High Concentration

GRAB SAMPLE DATA:

		Depth Interval	Color	Description (Sand, Silt, Clay, Moisture, etc.)
Date:	11/12/2007			
Time:	13:00:00 PM			
Method:	Plastic Trowel			
Monitor Reading (ppm	NA			

COMPOSITE SAMPLE DATA:

Date:	Time	Depth Interval	Color	Description (Sand, Silt, Clay, Moisture, etc.)
Method:				
Monitor Readings (Range in ppm):				

SAMPLE COLLECTION INFORMATION:

Analysis		Container Requirements	Collected	Other
VOCs	SW-846-8060B	(3) encore	YES	
% Moisture		(1) 4 oz jar	YES	

OBSERVATIONS / NOTES:

Sample collected from path of trucks from fill area to asphalt road.

MAP:

Circle if Applicable:

MS/MSD	Duplicate ID No.:

Signature(s):

Tetra Tech NUS, Inc.

SOIL & SEDIMENT SAMPLE LOG SHEET

Project Site Name: NSWC Crane SWMU 8 106 Pond
Project No.: 112G00352 CTO 0020

Sample ID No.: 08SSC006
Sample Location: 08SBC006
Sampled By: Goerdt
C.O.C. No.: 0188

[X] Surface Soil
[] Subsurface Soil
[] Sediment
[] Other:
[] QA Sample Type:

Type of Sample:
[] Low Concentration
[] High Concentration

GRAB SAMPLE DATA:

		Depth Interval	Color	Description (Sand, Silt, Clay, Moisture, etc.)
Date:	11/12/2007			
Time:	13:10:00 PM			
Method:	Plastic Trowel			
Monitor Reading (ppm	NA			

COMPOSITE SAMPLE DATA:

Date:	Time	Depth Interval	Color	Description (Sand, Silt, Clay, Moisture, etc.)
Method:				
Monitor Readings				
(Range in ppm):				

SAMPLE COLLECTION INFORMATION:

Analysis		Container Requirements	Collected	Other
VOCs	SW-846-8060B	(3) encore	YES	
% Moisture		(1) 4 oz jar	YES	

OBSERVATIONS / NOTES:

Sample collected from the area where the trucks were loaded.

MAP:

Circle if Applicable:

MS/MSD	Duplicate ID No.:
	08FD11120701

Signature(s):

APPENDIX F

DAILY ACTIVITY LOGS (TETRA TECH)

DAILY ACTIVITY LOG

SWMU 8 BUILDING 106 POND
NSWC CRANE
CRANE, INDIANA

Date	Time	Author	Notes
4/16/2007	17:45	James Goerdt	JG stopped by SWMU 8 to check on progress of activities. Does not appear as though any mobilization has yet taken place by contractor (TolTest). Utilities appear to have all been marked. Photos taken (2831, 2833-2837). Crane Police stopped by to check on things. JG left SWMU 8 at 18:05 enroute to Bldg 3245.
4/24/2007	14:45	James Goerdt	JG spoke with Gary Reside from TolTest. Gary indicated that they were almost finished with the demolition of the utility area and wanted to know if we were going to sample within the hole. He indicated that the concrete vault was thick and in good condition with no cracks observed in the concrete. He also indicated that the soil did not appear to have any staining or discoloration. JG informed him to leave the hole open and he would contact him in the morning as how to proceed. JG then left a message for Tom Brent regarding this issue. The Work Plan calls for no sampling within the utility area, but JG wanted to make sure this was still the case.
4/25/2007	9:30	James Goerdt	JG spoke with Tom brent regarding any possible samples within the utility area. Tom said not to collect any samples and that if sample(s) were warranted in the future then we could go back in with DPT and collect a sample. JG then left a voice message with Gary (TolTest) that no samples would be collected within the utility area and that he should go ahead and fill in the hole.
4/30/2007	14:00	James Goerdt	JG arrives on-site. No one else around. All trees around the pond have been cleared. There were only 5-6 large trees, all else was mainly under brush. Four large portable holding tanks on site. Each with a capacity of 22,000 gallons (Baker Tanks). E-Z stacker QED air stripper on site. Demo on the utility station continues. Very thick concrete with lots of reinforcing rebar. Dump truck parked near the station filled with soil and debris most likely from utility station demo. Silt fence has been installed along west side of pond.
4/30/2007	14:30	James Goerdt	JG phoned Gary Resides to let him know flashers were blinking on one of the backhoes. Wasn't sure this was intentional and may wear down the battery. Gary said he wasn't sure, but would contact site supervisor Wayne Moore. Gary indicated work had been delayed due to rain and also he was trying to find decent soil to use for the berm around the portable tanks.
4/30/2007	15:40	James Goerdt	JG left site enroute to Bldg 3245. Along the way received call from Wayne Moore who said the flashers should not be on and that they would wear down the battery. JG turned around and went back to SWMU 8 and turned off the flashers.
5/1/2007	17:00	James Goerdt	JG arrives at SWMU 8. Some additional soil removed from pump station and stockpiled next to the hole. Pumping of pond has not yet started.

DAILY ACTIVITY LOG

SWMU 8 BUILDING 106 POND
NSWC CRANE
CRANE, INDIANA

5/14/2007	10:20	James Goerdt	Tetra Tech received a copy of analysis report on water sample collected from the treated water tank by TolTest. JG phoned Wayne Moore (TolTest) to get a progress report on activities. The phone connection was bad and calls were dropped twice. Wayne did inform JG that something was not right regarding a result on the test and that they were asked by the Navy (Tom Brent) to resample. JG then left a voice mail for Gary Reside (TolTest) asking that he call with an update so JG could determine his schedule for collecting verification samples on the ponds side walls.
5/14/2007	12:30	James Goerdt	JG spoke with Gary Reside (TolTest) and he indicated that they didn't have to resample the treated water, they just needed to get a longer list of results from the lab. The original analyses list did not include some things that the Navy wanted to see. Gary just had to contact the lab and have them send him the additional results. The waste characterization sample results have been sent to the landfill (Sycamore Ridge?), and TolTest is now just waiting to hear from the landfill if they will accept it. Hopefully hear sometime today. Once they get confirmation, they will begin trucking waste off-site. Gary will be sending Tetra Tech a copy of the waste characteristic results that he has forwarded onto the landfill. Still utilizing the pond itself as a dewatering point. Indicated the saw dust was working really well. Stockpiling sludge on high end and letting gravity drain to low end where it is pumped out. Gary estimated GW infiltration to be relatively slow at ~10gallons over a 24 hour period. No definite time schedule as to when they will be ready for Tetra Tech confirmation sampling. JG asked Gary to please contact him as soon as possible so he can set his schedul
5/18/2007	10:40	James Goerdt	JG left a voice mail with Wayne Moore (TolTest) asking that he or Gary Reside (TolTest) return my call as soon as possible to give me an update on progress and so JG can determine his schedule for next week.
5/18/2007	11:00	James Goerdt	JG spoke with Wayne Moore (TolTest). They are in the process of transferring treated water from the staging tank to the Crane WTP. He indicated they would probably have the main storage tank empty by this afternoon. No soil has yet been transferred off-site. Wayne stated the Navy will not allow them to transfer any of the material off-site until the analyticals come back from lab. They did get original analyses back, but then the Navy requested they submit a second sample that included the absorbent (sawdust). He was not sure when they would be getting that back from the lab, but once they do he believes they will be able to move all the dirt out in a two day period. JG the phoned Gary Reside (TolTest) who informed him the soil sample was sent to the lab yesterday (5/17/07) and with a 24 hr turn around, he expects to hear something back on Monday or Tuesday. Landfill is located about 2 hours away, but trucking company had promised him approximately 20 trucks so there should be no down time once the transfer begins. JG will contact Gary again on Monday.

DAILY ACTIVITY LOG

SWMU 8 BUILDING 106 POND
NSWC CRANE
CRANE, INDIANA

11/12/2007	10:00	James Goerdt	JG arrives at SWMU 8 to find the area where the Baker tanks had been located was now covered in approximately 10-12 inches of 1-2" gravel. Area was essentially turned into a parking lot. The pond itself was sloped to the east down towards the existing drainage channel. It was seeded and covered in straw. Larger boulders were spread in the area where the slope met the actual drainage channel. The gravel made it difficult locating the staging areas and decon area difficult to find. JG phoned Joe Lucas in PGH office asking for GPS coordinates that were previously taken at SWMU 8. JG then phoned John Wright to have him convert the coordinates to Lat/Lon. Once this was completed, JG used the information to locate the areas needed for sampling. A single sample point was required for every 500 sq feet of lay down (staging) area. The Baker tank staging area was approximately 35x40 feet = 1,400 sq feet. JG collected 3 samples in the Baker tank staging area. One sample was collected in the area of decon, and two samples were collected along the path where the trucks were loaded and where they exited onto the asphalt drive. A shovel wa
11/12/2007	13:15	James Goerdt	JG completed sampling at SWMU 8. The sample locations wer ereturned to existing condition and the Lat?lon at each location was collected. JG returned to Bldg 3245 to finish processing the samples unloading vehicle. JG prepared a trip blank and a temp blank to accompany the samples to the lab. Some misc office work and cleaning was also completed.
11/12/2007	16:20	James Goerdt	JG leaves Crane en-route to Fed Ex in Bloomington to drop off samples.