

Addendum 6

NJSDA 1 West State Street Trenton, NJ 08625 Phone: 609-984-8041 Fax: 609-656-4609

Date: September 19, 2013

PROJECT #: ET-0061-B01

New Joseph C. Caruso ES

**DESCRIPTION:** Addendum No. 6

This addendum shall be considered part of the Bid Documents issued in connection with the referenced project. Should information conflict with the Bid Documents, this Addendum shall supercede the relevant information in the Bid Documents.

#### A. CHANGES TO THE PROCUREMENT PROCESS:

#### 1. ADDITIONAL MANDATORY Second Site Visit Scheduled for September 23 or 25:

A Mandatory Second Site Visit is required for participation in this procurement, to allow bidders to observe the site conditions after removal of the Temporary Classroom Units from the site.

Interested bidders MUST participate in this Second Site Visit on at least one of the following dates:

Monday, September 23, 2013 (between 9:00 and 11:00 am)

OR

Wednesday, September 25, 2013 (between 9:00 and 11:00 am).

Bidders may confirm their attendance in advance of these dates by email to Kim Banegas at <a href="mailto:kbanegas@njsda.gov">kbanegas@njsda.gov</a>. On the day of the site visit, bidders may contact Paul Mock at 609-477-9159, FOR PURPOSES OF CONFIRMATION OF ATTENDANCE AT SITE VISIT ONLY.

Participants in the MANDATORY second site visit are responsible for providing and wearing the appropriate personal protective equipment (PPE) – in particular, proper protective footwear.

#### 2. Modification to Procurement Submission Dates and Deadlines:

The date for submission of the Technical Proposals and Price Proposals is changed to 5:00 PM October 1, 2013, and the opening of the sealed Price Proposals is changed to 2:00 pm,

Addendum #6 Project #ET-0061-B01 <u>October 16, 2013</u>. See Items A.3.a, A.3.b, A.4.a and A.4.b below for modifications to the Bid Advertisement and Request for Proposals to implement this change.

#### 3. Modifications to Bid Advertisement:

a. **Revise:** Item D. under the Procurement Submission Dates and Deadlines of the Bid Advertisement, as previously modified by prior addenda, shall be revised as follows, to change the date for submission of the Technical Proposals, and Price Proposals to <u>October 1, 2013</u> (additions in <u>bold and underlined</u> text; deletions in <u>strikethrough and italics</u>).

D. Interested firms must submit a Technical Proposal, which provides responses to the non-price "other factors" evaluative criteria requirements of the RFP. The Technical Proposals must be received by the NJSDA by **5:00 PM** on <u>September 24, 2013</u> <u>October 1, 2013</u>. Faxed or e-mailed submittals shall not be accepted.

Bidders must simultaneously submit a sealed Price Proposal which must be submitted with the Technical Proposal and received by the NJSDA by **5:00 PM** on *September 24, 2013*October 1, 2013. Faxed or e-mailed Price Proposals shall not be accepted. Any Technical or Price Proposals received after this date and time will be returned unopened. Technical Proposals and sealed Price Proposals shall be delivered to the NJSDA at the following address:

b. **Revise:** Item E. under the Procurement Submission Dates and Deadlines of the Bid Advertisement shall be revised as follows, to change the date for opening of the Price Proposals to October 16, 2013 (additions in **bold and underlined** text; deletions in **strikethrough and italics**).

E. The sealed Price Proposals shall be publicly opened and read at a bid opening at the NJSDA office on October 10, 2013 October 16, 2013 at 2:00 PM.

#### 4. Modifications to Request for Proposals:

**a. REVISE:** Section 1.3 B of the RFP ("Technical Proposal"), as previously revised by previous addenda, shall be revised as follows, to change the due date for submission of the Technical Proposal to Tuesday, October 1, 2013 (additions in **bold and underlined** text; deletions in *strikethrough and italies*).

#### 2. Technical Proposal

Interested firms must submit a Technical Proposal, which provides responses to the non-price "other factors" evaluative criteria requirements of this RFP. Interested firms must submit one unbound original, three (3) bound copies, and two (2) CDs containing full cover-to-cover PDF copies required of the Technical Proposals to the NJSDA for consideration. The Technical Proposals must be received by the NJSDA by **5:00 PM** on *Tuesday*, *September 24, 2013* **Tuesday**, **October 1, 2013**. Faxed or e-mailed Submittals shall not be accepted.

**REVISE:** The fourth paragraph of section 1.3 B of the RFP ("Price Proposal"), shall be revised as follows, to change the due date for submission of the Price Proposal to

Tuesday, October 1, 2013 (additions in **bold and underlined** text; deletions in *strikethrough and italics*).

The Price Proposal must be sealed and submitted with the original Technical Proposal and received by the NJSDA by **5:00 PM** on *Tuesday*, *September 24, 2013* **Tuesday**, **October 1, 2013**. Faxed or e-mailed Price Proposals shall not be accepted.

**c. REPLACE:** The Price Proposal dated December 21, 2012 shall be deleted in its entirety and replaced with the Revised Price Proposal dated September 18, 2013 attached hereto as Attachment 6.1.

#### **B.** CHANGES TO THE PROJECT MANUAL:

- 1. Modifications to Division 1 General Requirements:
- a. **REVISE:** Specification Section 01010 "Summary of Work", Section 1.4 "Allowances" shall be modified as follows (additions in **bold and underlined** text, deletions in *strikethrough and italies*):

#### 1.4 ALLOWANCES

A. The Contract contains the following Allowance categories and amounts:

	<u>AMOUNT</u>
1. GMP Reserve Allowance	\$500,000.00
2. Unsuitable Materials Allowance	\$300,000.00

- B. GMP Reserve Allowance
  - 1. The GMP Reserve Allowance shall be utilized to cover unanticipated or unforeseen costs which are necessary to complete the Services and Work, or to achieve Authority-directed upgrades in the Services and Work, authorized at the discretion of the Authority.

#### C. Unsuitable Materials Allowance

The Unsuitable Materials Allowance shall be utilized only after written authorization from the Authority, in accordance with Section 01020, in the event the Design-Builder encounters unforeseen unsuitable soils; miscellaneous rock, vegetative or metallic debris; or other material that interferes with the construction of the elements of the Project. Such unsuitable material is to be removed and legally transported and disposed of, and replaced on a one-for-one basis with certified clean fill/imported structural fill, or acceptable alternate, as appropriate (such activities constituting the "Unsuitable Materials Allowance Work"). This allowance shall not apply to situations where

excavated material has been made unsuitable by the Contractor's action or inaction.

- a. The activities associated with this Allowance Work include excavation of unsuitable materials, testing and loading of such material, as well as the on-Site reuse, stockpiling, relocation, blending, spreading, compacting and grading of such unsuitable material (if approved for reuse on the Site), or the legal transportation and off-Site disposal of such unsuitable material (if appropriate), or implementation of an approved alternate method of establishing appropriate subgrade preparation if such provides cost and/or schedule benefits to the Project, and all associated costs of labor, material, equipment, taxes, supervision, overhead and profit.
- b. Design-Builder shall not be entitled to additional compensation for any delays (including, but not limited to, damages, additional general conditions costs or indirect costs) relating to such Allowance Work. Design Builder may be entitled to reasonable extension of the Contract Time with respect to such Allowance Work.
- c. Quantities that cannot be verified will not be authorized for payment under the Allowance. Costs that cannot be properly verified or supported will not be authorized for payment under the Allowance.
- d. The Design-Builder shall remove, transport and dispose of any unsuitable soil in conformance with all local, state and federal regulations.
- 2. The Contractor shall proceed with Unsuitable Materials Allowance Work in accordance with Section 01020 Allowances.
- **a. REVISE:** Specification Section 01020 "Allowances", Section 1.4.6 shall be modified as follows (additions in **bold and underlined** text, deletions in *strikethrough and italies*):
  - 1.4.6 If, upon completion of the Project, unused Allowance fund balances remain in Allowance categories, the <u>Authority may</u>, in its sole discretion, either <u>unilaterally deobligate the funds</u>, or may require the Design-Builder <u>shall</u> <u>to</u> issue a credit change order to the Authority in the amount of any remaining balance of any unused allowance.
- 2. Modifications to Performance Specifications:
- **a. REVISE:** Specification Section D6000.00, "Communications", Section A.1, "Basic Function" shall be modified as follows (additions in **bold and underlined** text, deletions in *strikethrough and italics*):

- k. Support for UHF-based analog/digital radio communications Emergency responder radio coverage or other code-compliant communication system acceptable to local fire department.
- **b. REVISE:** Specification Section D6000.00, "Communications", Table D6000.00-1, "Communications Responsibilities" shall be modified as follows (additions in highlighted, **bold and underlined** text, deletions in *strikethrough and italics*):

Item	By Design- Builder	By Others	Comments
Other Systems and Equipment			
Interactive White Boards		•	
Ceiling-Mounted Projectors	•		
Security System	•		
General Paging System	•		
Speech enhancement System	•		
Music Playback System	•		
Clock and Bell System	•		
Internet Service Connection		•	
Cable Television Service Connection		•	
UHF Radio Communication System			
<b>Emergency Responder Radio Coverage</b>	•		

#### C. CHANGES TO THE DRAWINGS:

1. Not applicable.

#### D. BIDDER'S QUESTIONS AND NJSDA RESPONSES:

1. **Question:** Does the access and paving area need to be one foot above the newly enacted "ABFE" regulations similar to the finished floor of the building?

**Answer:** The Design Builder is required to submit and obtain a permit from the New Jersey Department of Environmental Protection for the project. NJDEP Flood Plain Regulations at N.J.A.C. 7:13-11.6 allow for exceptions to the elevation requirements for travel surfaces of parking areas. The Design Builder, with the support of the NJSDA, shall request such an exemption for the paved parking and service areas, as indicated in the Design Build Information Package (DBIP). Bidders are advised to base their proposals on the elevations presented within the DBIP.

**Question:** A very careful review of the Geotechnical Report and site information provided by the NJSDA reveals that the conclusions drawn may be non-conclusive or inaccurate in that the proposed soil bearing capacities selected may lead to unexpected long term settlements that may be unacceptable to the Owner. For the NJSDA to expect the bidders to completely reevaluate the Geotechnical Report is unreasonable. Further information should be provided to the bidders to insure accurate estimates.

Answer: The Geotechnical Report included within the Design-Build Information Package is provided to bidders for their information and convenience, and represents the extent of the NJSDA's current knowledge of the geotechnical conditions of the site. Pursuant to Section 3.11 of the Design-Build Agreement, prior to completion of the Preliminary Design Phase, the successful awardee is be required to "undertake activities as necessary to verify and confirm existing site conditions as represented in the Design-Build Information Package, such existing conditions to include existing site topography, site soil quality (including environmental, geotechnical and groundwater characteristics) . . . ." Accordingly, pursuant to that Section 3.11, the awardee will be afforded an opportunity to validate the information provided in the Design-Build information package, and to address any conditions that differ from the information provided in the DBIP prior to the completion of the Preliminary Design.

#### E. CHANGES TO PREVIOUS ADDENDA:

#### 1. Addendum 3:

- c. **Revise:** The Addendum #3 Responses to bidder questions 28, 122 and 123 shall be revised as follows, (additions in **bold and underlined** text; deletions in *strikethrough and italics*).
  - 28. **Question:** Spec D6000: Does this include the emergency radio responder system?

**Answer:** Yes, an emergency radio responder system must be *included in the project* **provided and installed by the Design Builder.** 

122. **Question:** please advise if groundwater is contaminated, If so, what are the requirements for treatment and discharge?

Answer: As indicated in the report, there have been exceedances to the NJ DEP GWQS. If the water is to be pumped, the Contractor shall take this information into account when the DB applies for a NJPDES discharge permit and complying with the requirements of the permit (which may include treatment). Additionally, the nature of the Design-Builder's foundation design will dictate if, and how much, groundwater is encountered during foundation installation. It is up to the Design-Builder to draw its own conclusions regarding pumping and quantities of ground water generated based on the information provided with the supplied analytical, percolation testing results, and ground water elevation data.

123. **Question:** Does the 'no further action letter' dated May 26, 2011 mean that all environmental issues have been taken care of and that the Design-Build Contractor be given a clean slate with no remediation work required?

Answer: - See response to Question No. 122. Also, the site may be subject to any environmental issues discussed in the "No Further Action Letter" referenced above. NJSDA's site environmental consultant is unaware of any environmental issues with the on-site soils. The Unrestricted Use NFA from the NJDEP supports this assertion. Therefore, the bidders shall assume the on-site soils are suitable from an environmental quality perspective, and may remain on-site without the need for an engineering control to eliminate direct contact exposure. Excess soil to be removed from the site, if any, shall be exported in a manner that conforms to

an environmental quality perspective, and may remain on-site without the need for an engineering control to eliminate direct contact exposure. Excess soil to be removed from the site, if any, shall be exported in a manner that conforms to SDA's General Conditions for the Importation and Exportation of Fill Materials (Section 5.12.2). With regard to groundwater issues, please refer to revised Response to item 122, above.

#### F. ATTACHMENTS

- 1. Attachment 6.1 Revised Price Proposal dated September 18, 2013.
- 2. Attachment 6.2 Site Investigation Report (referenced in No Further Action Letter) dated March 17, 2010.

#### G. SUPPLEMENTAL INFORMATION

1. Not applicable.

Any bidder attempting to contact government officials (elected or appointed), including NJSDA Board members, NJSDA Staff, and Selection Committee members in an effort to influence the selection process may be immediately disqualified.

End of Addendum No. 6

Addendum #6 Project #ET-0061-B01

#### Addendum 6

NJSDA 1 West State Street Trenton, NJ 08625 Phone: 609-984-8041

Fax: 609-656-4609

Date: September 19, 2013

PROJECT #: ET-0061-B01

New Joseph C. Caruso ES

DESCRIPTION: Addendum No. 6

#### **Acknowledgement of Receipt of Addendum**

Contractor must acknowledge the receipt of the Addendum by signing in the space provided below and returning via fax to (609-656-4609). Signed acknowledgement must be received prior to the Bid Due Date. <u>Acknowledgement of the Addendum must be made in Section E.6 of the Price Proposal Submission</u>.

Signature	Print Name
Company Name	Date

#### PRICE PROPOSAL

#### DESIGN-BUILD PRICE PROPOSAL SUBMISSION

#### to

#### NEW JERSEY SCHOOLS DEVELOPMENT AUTHORITY

For the following Package:

Contract Number: ET-0061-B01	
Contract Name/Description: New Joseph	C. Caruso Elementary School
District: Keansburg	<u> </u>
County: Monmouth	
THIS PACKAGE IS COMPRISED OF TH	IE FOLLOWING SCHOOL PROJECTS:
SCHOOL	CONSTRUCTION COST ESTIMATE
New Joseph C. Caruso Elementary School	\$32,434,000
Bid of	
(Bidder's Name)	(Bidder's Federal I.D. #)
a Corporation organized and existing under the laws o	of the State of
or a partnership or joint venture consisting of	
or an individual, trading as	
There is a two-step bidding process for participation in	n this procurement:
First Step: A Bidder must first submit the "Project Bidder's Project Rating Limit based on this proposal.	t Rating Proposal." The NJSDA will determine a
Second Step: Along with a Technical Proposal prepa Bidder must submit the "Price Proposal" which conta as well as other required information.	
Important Notes:	
1) A Bidder may not submit a Price Proposal that, e the GMP Reserve, exceeds its Project Rating	

2) A Bidder's Project Rating Limit cannot exceed the firm's Aggregate Limit.

#### A. Price Proposal Submission:

- 1. The Bidder shall complete and execute this Price Proposal and enclose it in an envelope that is **sealed** and **clearly marked** with the Bidder's Name, Contract Number, Contract Name, School District, County and the date of Price Proposal submission. The Bidder must submit its sealed Price Proposal to the NJSDA in accordance with Section 7 of the Request for Proposal (RFP).
- 2. The Price Proposals shall be subject to a public bid opening by the NJSDA on the date and time provided in the RFP.

#### B. Bidder:

- 1. All Bidders must be classified by the Department of the Treasury, Division of Property Management and Construction in all applicable trades; pre-qualified by the NJSDA in all applicable trades; registered with the Department of Labor; and registered with the Department of Treasury, Division of Revenue; and must provide valid contractor or trade licenses where applicable at the time of submission of this bid. Time is of the essence for completion of the Project in this package.
- 2. The Bidder **MUST** submit a copy of its Uncompleted Contracts Form. Uncompleted Contracts forms submitted by the Bidder and any named Subcontractors must reflect accurate and timely information. The amount set forth in the Uncompleted Contracts Form must reflect the amount of uncompleted work as of the date of the bid submission, or the date of the response to the RFP. In no instances will Uncompleted Contracts forms be acceptable where the date of the Form is greater than 120 days prior to the due date for bid or proposal submissions.
- 3. If the Bidder will be performing work with its "own forces" in any of the trades listed in the Bid Advertisement, the Bidder must be properly classified and pre-qualified to perform such work in the named trades, and must state its intention to perform such work with its "own forces." Failure to so state, and/or failure to indicate what firms will be performing the work in the trades identified in the Bid Advertisement, may cause the bid to be rejected.

#### C. Subcontractors:

- 1. The Bidder **MUST** name the Design Consultant to be engaged as the Design-Builder's Design Consultant, and all subcontractors that will be performing work in any of the trades listed in the Bid Advertisement or required by statute.
- 2. In accordance with the requirements of N.J.S.A. 52:18A-243, each bidder (or "design-builder") is required to set forth in its bid the name or names of all subcontractors to whom the design-builder will directly subcontract for the furnishing of any of the work and materials specified in the plans and specifications for the following branches: (1) the plumbing and gas fitting and all work and materials kindred thereto ("Plumbing Branch"); (2) the steam and hot water heating and ventilating apparatus, steam power plants and all work and materials kindred thereto ("HVAC Branch"); (3) the electrical work ("Electrical Branch"); and (4) structural steel and miscellaneous iron work and materials ("Structural Steel Branch").
- 3. When naming subcontractors in accordance with Section C.2 above, a design-builder is required to name only those subcontractors that are engaged directly by the Design-Builder ("first-tier subcontractors"). Design-Builders are NOT REQUIRED to name any subcontractors engaged by the first-tier subcontractors or by others (e.g., "second-tier subcontractors" or "third-tier subcontractors.")
- 4. The Design Consultant to be engaged as the Design-Builder's Design Consultant must be prequalified by the Department of the Treasury, Division of Property Management and

Construction in the discipline of Architecture (P001); pre-qualified by the NJSDA in the discipline of Architecture (P001) and registered with the Department of Treasury, Division of Revenue.

- 5. All listed subcontractors identified in accordance with Sections C.1. and C.2. above must be classified by the Department of the Treasury, Division of Property Management and Construction in all applicable trades; pre-qualified by the NJSDA in all applicable trades; registered with the Department of Labor; and registered with the Department of Treasury, Division of Revenue; and must provide valid contractor or trade licenses where applicable at the time of submission of this bid.
- 6. All Bidders **MUST** submit a copy of the Uncompleted Contracts Form for any subcontractor identified in the bid advertisement. Uncompleted Contracts forms submitted by the Bidder and any named Subcontractors must reflect accurate and timely information. The amount set forth in the Uncompleted Contracts Form must reflect the amount of uncompleted work as of the date of the bid submission, or the date of the response to the RFP. In no instances will Uncompleted Contracts forms be acceptable where the date of the Form is greater than 120 days prior to the due date for bid or proposal submissions.
- 7. The Bidder shall list the SBE status of each subcontractor, where applicable.

#### **D. SBE Opportunities:**

- 1. The Bidder agrees it shall make a good faith effort to meet the requirements of the SBE Utilization Attachment contained in the Contract Documents in order to ensure that small business enterprises, as defined in that attachment and in applicable regulation, have the maximum opportunity to compete for and perform subcontracts.
- 2. The NJSDA requires the contractor to provide opportunities to SBE firms to participate in the performance of this engagement, consistent with NJSDA SBE set aside goals of 25%, awarding 5% of the contract value to registered Category 4 SBE firms; 5% of the contract value to registered Category 5 SBE firms; and 5% of the contract value to registered Category 6 SBE firms; and 10% of the contract value to SBE firms registered in any of the three Categories.

GENERAL CONSTRU	CTION WORK:	
Firm	Address	3
SBE Status	DOL Contractor Registration #	Federal I.D. #
DESIGN-BUILDER's D	DESIGN CONSULTANT:	
Firm	Address	3

PLUMBING AND GAS FITTING BRANCH WORK: The bidder must identify a subcontractor that is DPMC classified in the trade of Plumbing (C030), unless the bidder intends to self-perform for this trade. If

the Plumbing trade or other trades applicable to this branch, each such additional subcontractor must be identified. Firm Address **SBE Status** DOL Contractor Registration # Federal I.D. # Additional Plumbing Branch Subcontractor(s): Note DPMC Classification: Firm Address **SBE Status** DOL Contractor Registration # Federal I.D. # Additional Plumbing Branch Subcontractor(s): Note DPMC Classification: Firm Address SBE Status DOL Contractor Registration # Federal I.D. # HVAC BRANCH WORK: The bidder must identify a subcontractor that is DPMC classified in the trade of HVAC (C039), unless the bidder intends to self-perform for this trade. If the bidder intends to selfperform, the bidder must identify itself as self-performing in the trade of HVAC (C039). If the bidder will contract with any additional subcontractors with DPMC Trade Classifications in the HVAC trade or other trades applicable to this branch, each such additional subcontractor must be identified. Firm Address **SBE Status** DOL Contractor Registration # Federal I.D. # Additional HVAC Branch Subcontractor(s): Note DPMC Classification: Firm Address SBE Status DOL Contractor Registration # Federal I.D. # Additional HVAC Branch Subcontractor(s): Note DPMC Classification: Firm Address

the bidder intends to self-perform, the bidder must identify itself as self-performing in the trade of Plumbing (C030). If the bidder will contract with any additional subcontractors with DPMC Trade Classifications in

SBE Status	DOL Contractor Registration #	Federal I.D. #
the trade of Electrical (C to self-perform, the bidd bidder will contract with	CH WORK: The bidder must identify a subcontract 047), unless the bidder intends to self-perform for this er must identify itself as self-performing in the trade any additional subcontractors with DPMC Trade Clicable to this branch, each such additional subcontractors.	is trade. If the bidder intende e of Electrical (C047). If the lassifications in the Electrica
Firm	Address	
SBE Status	DOL Contractor Registration #	Federal I.D. #
Additional Electrical B	ranch Subcontractor(s): Note DPMC Classificati	on:
Firm	Address	
SBE Status	DOL Contractor Registration #	Federal I.D. #
Additional Electrical B	ranch Subcontractor(s): Note DPMC Classificati	on:
Firm	Address	
SBE Status	DOL Contractor Registration #	Federal I.D. #
identify a subcontractor intends to self-perform fo self-performing in the t subcontractors with DPM	L AND MISCELLANEOUS IRON WORK B that is DPMC classified in the trade of Structural S or this trade. If the bidder intends to self-perform, the rade of Structural Steel (C029). If the bidder will IC Trade Classifications in the Structural Steel trade ditional subcontractor must be identified.	teel (C029), unless the bidde e bidder must identify itself a contract with any addition
Firm	Address	
SBE Status	DOL Contractor Registration #	Federal I.D. #
Additional Structural S	Steel Branch Subcontractor(s): Note DPMC Class	sification:
Firm	Address	

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SBE Status	DOL Contractor Registration #	Federal I.D. #
Additional Structural Steel	Branch Subcontractor(s): Note DPMC Class	sification:
Firm	Address	
SBE Status	DOL Contractor Registration #	Federal I.D. #
	ICATIONS NAMED IN BID ADVERTISEM:	IENT
Firm	Address	
SBE Status	DOL Contractor Registration #	Federal I.D. #
	ICATIONS NAMED IN BID ADVERTISEM	IENT —
Firm	Address	
SBE Status	DOL Contractor Registration #	Federal I.D. #

#### E. Price:

- 1. The undersigned, as Bidder, declares:
  - That this Price Proposal is made, without collusion with any other person, firm or corporation;
  - That the Bidder has carefully examined the RFP and the forms of the Project Manual, Design Build Contract, Design Build Information Package, Addenda, Specifications, Drawings and all other Contract Documents;
  - That the Bidder has carefully examined the locations, conditions and classes of material for the proposed work;
  - That the Bidder agrees that it will provide all necessary design services, machinery, tools, apparatus and other means of construction and will do all Services and Work and furnish all the materials called for in the Design Build Contract Documents in the manner therein prescribed; and
  - That this Price Proposal is submitted Net of Insurance, excluding all applicable insurance expenses and policy costs allocated to the on-site activities of the project as respects Workers' Compensation, Employer's Liability, Commercial General Liability, Owners Contractors Protective Liability, Excess/Umbrella Liability and Builder's Risk insurance.
- 3. In submitting this Price Proposal, the Bidder agrees:

- That the NJSDA has the right to reject this Price Proposal in accordance with the terms of the RFP.
- To hold this Price Proposal open for a period of ninety (90) calendar days from the date of the public opening and reading of the Price Proposals, unless this time period is extended by mutual agreement of the Bidder and the NJSDA.
- To accomplish the work at the price bid, in accordance with the Contract Documents.

#### 4. Base Bid Price:

- Total amount for the furnishing of all design and construction administration services, labor, materials, services, equipment and appliances required in conjunction with and properly incidental to all Services and Work, in conformance with all Design Build Contract Documents. The price of allowances listed in the Specifications and/or by Addenda (um) must be included in the Base Bid Price.
- In case of a discrepancy between the amount shown in words and the amount shown in figures, the amount shown in words shall govern.
- The Public Opening and Reading of the Price is for informational purposes only and is not to be construed as an acceptance or rejection of any bid submitted.

Design Services:	\$		
Construction Services:	\$		
GMP Reserve	\$	500,000.00	
Allowance:	\$	300,000.00	
TOTAL BID PRICE: (Sum of all three items)	 (I	n Words)	
	\$ (I	n Figures)	

4. Alternates: (Not Applicable)

#### 5. Bid Bond:

The Bidder shall attach to this Price Proposal a Bid Bond, having a value of ten percent (10%) of the total base bid amount. Bid Bonds shall be returned to all unsuccessful Bidders in accordance with the RFP.

#### 6. Addenda:

The Bidder acknowledges receipt and incorporated into this bid of the following Addenda:

Number	:		 	
Dated:		- <u></u> -	 ·	- <u></u>

#### **F. CERTIFICATION**

The Bidder hereby certifies to the best of its knowledge and belief and under penalty of perjury under the laws of the United States and the State of New Jersey:

- 1. That all information provided herein is accurate and truthful.
- 2. That an affirmative action program of equal employment opportunity, pursuant to P.L. 1945, c. 169, the "New Jersey Law Against Discrimination," as supplemented and amended has been adopted by this organization to ensure that applicants are employed and employees are treated without regard to their race, creed, color, national origin, ancestry, marital status, sex, or affectional or sexual orientation, and that the selection and utilization of contractors, subcontractors, consultants, materials suppliers and equipment lessors shall be done without regard to their race, creed, color, national origin, ancestry, marital status, sex, or affectional or sexual orientation. Such action shall include but not be limited to the following: employment, upgrading, demotion or transfer, recruitment or recruitment advertising, layoff or termination, rates of pay or other forms of compensation, and selection for training, including apprenticeships. The Bidder agrees to post in conspicuous places, available to employees and applicants for employment, Notices to be provided by the NJSDA's Compliance Officer setting forth provisions of this nondiscrimination clause. Said affirmative action program addresses both the internal recruitment, employment and utilization of minorities and the external recruitment policy regarding minority contractors, subcontractors, consultants, materials suppliers and equipment lessors.
- 3. That the bid has been executed with full authority to do so; that the Bidder has not directly or indirectly entered into any agreement, participated in any collusion, or otherwise taken any action in restraint of free, competitive bidding in connection with these projects; and that all statements contained in this bid and in this certification are true and correct and made with full knowledge that the NJSDA relies upon the truth of the statements contained in this bid and in the statements contained in this certification in awarding the contract for the projects.
- 4. That neither the Bidder nor its principals:
  - A. are currently debarred, suspended, proposed for debarment, declared ineligible, or excluded from bidding or contracting by, any agency of government including but not limited to federal, state, regional, county or local government agency, in this or any other state including any department, division, commission, authority, office, branch, section and political subdivision or other governmental or quasi-governmental entity;
  - B. are voluntarily excluded from bidding or contracting, or have agreed to voluntarily refrain from bidding or contracting, through an agreement with any agency of government including but not limited to federal, state, regional, county or local government agency, in this or any other state including any department, division, commission, authority, office, branch, section and political subdivision or other governmental or quasi-governmental entity;
  - C. have, within a three-year period preceding this bid, been convicted or had a civil judgment rendered against them for commission of fraud or a criminal offense in

- connection with obtaining, attempting to obtain or performing a public federal, state or local contract; violation of federal or state antitrust statutes or commission of embezzlement, theft, forgery, bribery, falsification or destruction of records, making false statements, or receiving stolen property;
- D. are currently indicted for or otherwise criminally or civilly charged by a governmental entity (federal, state or local) with commission of any of the offenses enumerated in paragraph (B) of this certification; and
- E. have, within a three-year period preceding this bid, had one or more public contracts (federal, state or local) terminated for cause or default.
- 5. The Bidder has a current, valid registration issued pursuant to the "Public Works Contractor Registration Act, "P.L. 1999, c. 238 (c. 34:11-56.48 et. seq)".
- 6. The Bidder has a current, valid Business Registration Certificate for State Agency and Casino Service Contractors issued by the NJ Department of Treasury to perform work in New Jersey.
- 7. The Bidder has current, valid contractor or trade licenses and permits required under applicable New Jersey law for any trade or specialty area in which the firm seeks to perform work.
- 8. That the Bidder will comply with Public Law 2005, Chapter 51 (N.J.S.A. 19:44A-20.13- through N.J.S.A. 19:44A- 20.25, superseding Executive Order 134 (2004)) and as amended by Executive Order 117 (2008), and submit a N.J. Division of Purchase and Property "Two-Year Chapter 51/Executive Order 117 Vendor Certification & Disclosure of Political Contributions" and "Ownership Disclosure Form" if awarded the bid.
- 9. That the Bidder is aware of its continuing responsibility to file an annual disclosure statement on "contributions" as that term is defined in P.L. 2005, c. 51 (formerly Executive Order 134 (2004)) or any "Business Entity," as that term is defined in P.L. 2005, c. 51, associated with the Bidder, on the "Disclosure of Political Contribution" form provided by the NJSDA, at the time such contribution is made." This applies to the contractor if the contractor receives contracts in excess of \$50,000 from a public entity in a calendar year. It is the contractor's responsibility to determine if filing is necessary. Failure to so file can result in the imposition of financial penalties by ELEC. Additional information about this requirement is available from ELEC at 888-313-3532 or at www.elec.state.ni.us.
- 10. During the term of construction of the project(s) that comprise this package, the Bidder will have in place a suitable quality control and quality assurance program and an appropriate safety and health plan.
- 11. The amount of the Price Proposal and the value of the Bidder's outstanding incomplete contracts does not exceed the Bidder's Aggregate Rating.
- 12. Where the Bidder is unable to certify to any of the statements in this certification, the Bidder shall explain below.

ns instrument to be signed, attested to and
(Printed or Typed Name)
( Affix Corporate
Seal

#### END OF PRICE PROPOSAL

#### Site Investigation Report – FINAL

#### Joseph Caruso ECC 81 Frances Place Borough of Keansburg, Monmouth County, New Jersey

Prepared For:
New Jersey Schools Development Authority
P.O. Box 991
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Soil Boring Logs

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#### 1.0 Introduction

The New Jersey Schools Development Authority (NJSDA) is currently preparing to replace the existing Joseph C. Caruso ECC (the Site) through the demolition of the former school building and preparation of the property for new construction. As part of the preparations, Hatch Mott MacDonald (HMM), on behalf of NJSDA, prepared a Preliminary Assessment (PA) Report for the Site in November 2009. The performance of the PA was completed in accordance with the New Jersey Department of Environmental Protection (NJDEP), *Technical Requirements for Site Remediation*, as specified in the New Jersey Administrative Code (N.J.A.C.), Section 7: 26E (Tech Regs), and in compliance with ASTM E-1527-05 (Standard Practice for Environmental Site Assessments). The PA did not identify any areas of potential environmental concern which warranted additional investigation. NJSDA reviewed the PA and agreed with the findings of the PA Report. However, the NJSDA requested a limited site investigation at the Site to investigate soil quality to determine if any soil impacts at the Site will need to be addressed during buildings demolition and/or construction.

This report presents the results of site investigation activities performed by Hatch Mott MacDonald (HMM), on behalf of the NJSDA at the Site. All work was conducted in accordance with the NJDEP Tech Regs and NJDEP's Field Sampling Procedures Manual (FSPM) dated August 2005.

#### 1.1 Physical Setting

The Site is located at 81 Frances Place, in Keansburg Borough, Monmouth County, New Jersey and consists of one parcel of land. The Site parcel is designated on the Borough of Keansburg Tax Map as Block 105, Lot 1 and encompasses approximately 3.15 acres of land. The location of the Site is presented on Figure 1- Site Location Map, (United States Geological Survey – Keyport, NJ Topographic Quadrangle, 7.5 minute series), provided in the Figures section of this report. The Site is bordered by Terrace Place to the north, Myrtle Avenue to the east, Frances Place to the south, and Ramsey Avenue to the west. Additional features of the area include St Ann's Roman Catholic Church located at the property adjacent to the east of the Site, Waackaack Creek located approximately 700-feet west of the Site, and State Highway Route 36 located approximately 2,900-feet south of the Site.

#### 1.2 Site Description/Current Land Use

The Site is currently owned by the Keansburg Board of Education and encompasses one main school building as well as a series of temporary classroom units (TCUs). The main school building is located on the southern portion of the Site and the TCUs are located on the northern portion of the Site. The Site is mainly covered with the school building, macadam pavement with some areas of landscaped gardens and manicured lawn on the



southern portion of the Site adjacent to Frances Place. In addition, a playground area is located in the center of the Site between the school's main building and the TCUs. A current site layout is presented in Figure 2.

#### 1.3 Historic Site Use

Aerial photographs from 1931 through 2006, and Sanborn Fire Insurance Maps (Sanborns) from 1918 to 1958 were reviewed as part of the PA process. Review of these historical records indicates that the Site was vacant until some time between 1918 and 1923, at which time the Site's school building was constructed on the southern portion of the Site and identified as Keansburg Public School. The building was expanded in the 1930's and TCU's were added along the northern portion of the Site in the early 2000's. The Site has always been utilized as an educational facility. No documentation was provided during the PA process to indicate otherwise.

#### 1.4 Geology/Soils

According to the NJDEP, New Jersey Geological Survey (NJGS), Bedrock Geologic Map of New Jersey (1999), the Site is located within the Woodbury Formation. This province consists of rocks ranging in age from Upper Cretaceous to lower Campanian (99.6 to 70.6 million years old). The Woodbury Formation soils consist of clay dark-gray -silt, which can be brown and orange pink in color. Iron oxides fill fractures or form layers in the most weathered beds. The Woodbury Formation is massive except at the base where thin quartz sand layers occur. Locally, thin stringers of pale-greenish-brown, smooth-surface glauconite occur near the top. The Woodbury Formation is micaceous throughout and contains finely dispersed pyrite, carbonaceous matter, and small pieces of carbonized wood as much as 30 cm (12 in) in length. Small siderite concretions are abundant in the Woodbury Formation in the northern part of the outcrop belt. Unit forms a broad belt in the central sheet from Sandy Hook Bay, southwest to area around East Greenwich, Gloucester County, where it pinches out or changes faces. The Woodbury Formation maintains a thickness of about 15 m (49 ft) throughout most of its outcrop belt.

The surficial geology of the Site is identified as lower stream terrace deposits containing sand, pebble gravel, minor silt and cobble gravel, and is reddish brown, yellowish brown, reddish yellow in color, and can be as thick as 30-feet. These lower stream terrace deposits are from the late Pleistocene, late Wisconsinan age and form nonglacial stream terraces with surfaces 5 to 20 feet above modern floodplains. Terraces grade to late Wisconsian glaciofluvial deposits in the Delaware, Millstone and Raritan Valleys.

The soil survey of Monmouth County - U.S. Department of Agriculture Soil Conservation Survey, dated April 1989, identifies soils in the vicinity of the Site as Udorthents-Urban Land complex (UdauB), 0 to8 percent slopes. "Udorthents-Urban Land complex consist of nearly level and gently sloping soils that have been altered by excavation or filling and Urban land. Typically, Udorthents consist of loamy material more then 20 inches thick.



These areas are on flood plains, tidal marshes and on areas of moderately well drained to very poorly drained soils.

Based on visual observation during the soil boring installations performed during the December 2009 site investigation activities, the Site is primarily underlain by soils consisting of yellowish brown fine to medium sand with some loam and cobbles from the ground surface to the termination depth of the borings (approximately 4 feet below surface grade).

#### 1.5 Hydrogeology

Based on review of the NJDEP, Office of Information Resources Management (OIRM), Bureau of Geographic Information Systems (BGIS), NJDEP 2002 Streams Update for New Jersey, dated June 2006, the nearest surface water body is Waackaack Creek located approximately 700-feet west of the Site, and the Raritan Bay is located approximately 0.80 miles to the north of the Site.

Ground water flow at the Site is unknown. However, based strictly on topography, groundwater at the Site and in the surrounding vicinity would be expected to flow to the west towards Waackaack Creek.

#### 1.6 Topography

Based on review of the United States Geological Survey (USGS) 7.5 Minute Topographic Map for Keyport, New Jersey Quadrangle, the Site is located at an elevation of approximately 20 feet above mean sea level (MSL). Topographically, the Site is relatively flat with no change in slope.

#### 2.0 Technical Overview

This report presents a summary of the investigative activities and associated analytical results generated through the implementation of site investigation activities at the Site. HMM, on behalf of NJSDA conducted site investigation activities at the Site on December 4, 2009. These activities included the installation of soil borings, lithologic logging, and subsurface evaluation through field screening and collection of soil samples for laboratory analysis.

All work was conducted in accordance with the NJDEP Tech Regs and NJDEP's FSPM dated August 2005. A Site Location Map (Figure 1) and Site Layout Map (Figure 2) depict the overall layout of the Site. Figure 3 – Site Analysis Plan identifies a layout of the new educational building structure proposed at the Site. Sample locations are presented on Figure 4-Sample Location Map. Soil boring logs are included in Appendix A. A summary of



samples submitted for laboratory analysis during the site investigation is provided in Table 1. All samples were submitted for laboratory analysis to Hampton-Clarke Veritech Laboratory (New Jersey Laboratory Certification #14622) located in Fairfield, New Jersey. Laboratory analytical results generated as part of the site investigation are summarized in tabular form and are provided as Tables 2 through 4.

#### 3.0 Site Investigation Activities

HMM implemented site investigation activities as requested by the NJSDA in December 2009. The purpose of the investigative efforts described herein was to investigate soil quality to determine if any soil impacts at the Site will need to be addressed during building demolition and/or construction. The following subsections outline sampling procedures, discuss the remedial standards applied to the Site, outline soil boring installation and sampling procedures, and present the results of the investigative activities undertaken at the Site. Findings and recommendations are presented in Section 4.0 of this Site Investigation Report.

#### 3.1 Site Investigation Workplan

In November 2009, HMM prepared a PA Report for the Site to identify any potential areas of environmental concern at the Site prior to the NJSDA's demolition of the existing school building and construction of a new building at the Site. During the performance of the PA, HMM did not identify any areas of potential environmental concern which warranted additional investigation. However, NJSDA requested HMM generate a Site Investigation Workplan (SIWP) to determine if any soil impacts at the Site will need to be addressed during building demolition and/or construction. HMM submitted to the NJSDA a SIWP to investigate the the Site on November 10, 2009. The Scope of Work included in the SIWP included the installation of soil borings and the collection of soil samples for laboratory analysis. Additional information regarding the SIWP is provided below. The NJSDA approved HMM's SIWP and issued its Notice to Proceed on November 30, 2009.

#### 3.1.1 Subsurface Soil Investigation

The SIWP proposed to investigate soil quality through the installation of eight soil borings to a maximum depth of 4.0 feet. Due to concerns regarding the potential for asphalt in the existing play areas, hand auguring was not employed and borings were installed using a Dingo ii TX425 track mounted sampling system. Two soil samples were collected from each boring. One soil sample was obtained from the 0.5-1.0 foot interval and the second soil sample was collected from the 3.5 to 4.0 foot interval, at each boring location. A total of sixteen samples were analyzed for polycyclic aromatic hydrocarbons (PAHs), Polychlorinated biphenyls (PCBs), and metals. All laboratory analytical work was completed by Hampton Clarke-Veritech Laboratory of Fairfield, New Jersey.



#### 3.2 Soil Investigation

HMM installed a total of eight soil borings (SS-01 through SS-08) at the Site on December 4, 2009. Boring locations were biased towards areas of the Site previously undeveloped, yet identified on Figure 3 as proposed for the location of the new construction. The purpose of the soil borings in these areas was to determine if any soil impacts at the Site will need to be addressed during building demolition and/or construction. Each of the soil borings were installed to a depth of 4.0 feet below surface grade. One soil sample was obtained from the 0.5-1.0 foot interval and the second soil sample was collected from the 3.5 to 4.0 foot interval, at each boring location for a total of sixteen soil samples, with one exception; Because of a layer of concrete encountered at 0.5-1.0, SS-07A was collected at the 1.0-1.5 interval. All sixteen soil samples were submitted for PAH, PCB, and metal analysis.

The sampling locations were logged in a field book along with the sampling depth and location. Sampling locations were also logged using a GPS device. Soil sampling locations are shown on Figure 4. The soils were visually characterized and recorded in the field book. No stained soils were identified during the soil boring event. Soil boring logs are included in Appendix A. Soil samples were collected utilizing dedicated stainless steel trowels. Samples were placed into laboratory supplied glassware and placed on ice. The samples were transported to Hampton-Clarke Veritech Laboratory (NJ Certification #14622) located in Fairfield, New Jersey, under chain of custody documentation. Table 1 presents a summary of the sample and laboratory identification numbers, sample locations, media, sample depth, analytical parameters, and analytical methods. Soil sample results are presented in Tables 2 through 4.

#### 3.2.1 Quality Assurance/Quality Control Sampling

An aqueous field blank was collected on December 4, 2009. The field blank was collected by pouring the laboratory provided deionized water over a stainless steel trowel used to collect samples, and capturing the water in the sample containers.

All QA/QC samples were properly preserved and cooled to 4 °C. The field blank was transported to Hampton-Clarke Veritech Laboratory and submitted for PAH, PCB, and metals analysis.

#### 4.0 Soil Remediation Standards

The soil analytical results were compared to the NJDEP Soil Remediation Standards as listed in N.J.A.C. 7:26D et. Seq., adopted June 2, 2008. These standards are divided into three divisional categories: Residential Direct Contact Soil Remediation Standard (RDCSRS), Non-Residential Direct Contact Soil Remediation Standard (NRDCSRS), and Impact to Ground Water Soil Remediation Standard (IGWSRS). The first categories (i.e.



RDCSRS and NRDCSRS) are referred to as direct contact SRS and were established to evaluate health risks based on direct human contact. The IGWSRS addresses the potential for soil contamination to impact the groundwater underlying a given site.

#### 4.1 Soil Sampling Analyses

A total of sixteen soil samples were submitted to Hampton-Clarke Veritech for laboratory analysis. All sixteen soil samples (SS-01A, SS-01B, SS-02A, SS-02B, SS-03A, SS-03B, SS-04A, SS-04B. SS-05A, SS-05B, SS-06A, SS-06B, SS-07A, SS-07B, SS-08A, and SS-08B) were collected from the Site and were analyzed for PAHs, PCBs, and metals. Several different analytical analysis methods were used dependent of the category of contaminants; PAH were analyzed using EPA Method 8270; PCBs were analyzed using EPA Method 8082; metals were analyzed using EPA Method 6010; and mercury was analyzed using EPA Method 7471A.

#### 4.2 Soil Analytical Results

Analytical results for the sampling event are summarized in Tables 2 through 4. The full laboratory analytical data package and electronic data deliverables are included in Appendix B.

#### 4.2.3 PAH Compounds

PAH compounds were either non-detected or detected at concentrations below the BJDEP SRS in the soil samples collected at the Site.

#### 4.2.2 PCB Compounds

No PCB compounds were detected in any of the soil samples collected at the Site.

#### **4.2.3** Metals

Metals were either not detected or were detected at concentrations below the most stringent NJDEP SRS in all soil samples with one exception; Manganese was detected in SS-04A at 62 mg/Kg which is above the IGWSRS of 42 mg/KG. However, manganese was non-detect in SS-04B indicating that the metal had not migrated to a depth of 3.5 feet below surface grade. Sample SS-04A was analyzed utilizing Synthetic Precipitation Leachate Procedure (SPLP) to further evaluate potential impacts to ground water. Results from the SPLP indicated that manganese was non-detect in SS-04A.



#### 5.0 Findings

Eight soil borings were installed at the Site to determine if any soil impacts at the Site will need to be addressed during building demolition and/or construction. No stained soils were identified during the soil boring event. Two soil samples were collected from each soil boring and analyzed for PAHs, PCBs, and metals. The analytical results did not identify any compounds above the most stringent NJDEP SRS. Given the results from the soil borings and soil sampling event, no additional investigation is warranted with regard to the Site.

#### 6.0 Recommendations

Based on the results of the soil sampling activities conducted at the Site, HMM does not recommend any addition investigation at the Site. Should this SI Report be presented to the NJDEP for confirmation, HMM would request that the NJDEP provide a No Further Action letter for the Site.



# TABLE 1 SAMPLE SUMMARY Joseph C. Caruso Elementary School Borough of Keansburg, New Jersey

Field Sample Soil Sample L. ID ID	Lab Sample ID	Date	Medium	Sample Depth (ft)	Sampling Method	Analytical Parameters	Analytical Method	Sample Results
AC487	AC48729-001	12/4/2009	soil	0.5-1.0	s.s.trowel	PAHs, PCBs, Metals	EPA 8270, 8082, 6010, 7471A	January 2009 SIR - Tables 2-4
AC48	AC48729-002	12/4/2009	soil	3.5-4.0	s.s.trowel	PAHs, PCBs, Metals	EPA 8270, 8082, 6010, 7471A	January 2009 SIR - Tables 2-4
AC48	AC48729-003	12/4/2009	soil	0.5-1.0	s.s.trowel	PAHs, PCBs, Metals	EPA 8270, 8082, 6010, 7471A	January 2009 SIR - Tables 2-4
AC48	AC48729-004	12/4/2009	soil	3.5-4.0	s.s.trowel	PAHs, PCBs, Metals	EPA 8270, 8082, 6010, 7471A	January 2009 SIR - Tables 2-4
AC4	AC48729-005	12/4/2009	soil	0.5-1.0	s.s.trowel	PAHs, PCBs, Metals	EPA 8270, 8082, 6010, 7471A	January 2009 SIR - Tables 2-4
AC4	AC48729-006	12/4/2009	soil	3.5-4.0	s.s.trowel	PAHs, PCBs, Metals	EPA 8270, 8082, 6010, 7471A	January 2009 SIR - Tables 2-4
AC4	AC48729-007	12/4/2009	soil	0.5-1.0	s.s.trowel	PAHs, PCBs, Metals	EPA 8270, 8082, 6010, 7471A	January 2009 SIR - Tables 2-4
AC4	AC48729-008	12/4/2009	soil	3.5-4.0	s.s.trowel	PAHs, PCBs, Metals	EPA 8270, 8082, 6010, 7471A	January 2009 SIR - Tables 2-4
AC4	AC48729-009	12/4/2009	soil	0.5-1.0	s.s.trowel	PAHs, PCBs, Metals	EPA 8270, 8082, 6010, 7471A	January 2009 SIR - Tables 2-4
AC4	AC48729-010	12/4/2009	soil	3.5-4.0	s.s.trowel	PAHs, PCBs, Metals	EPA 8270, 8082, 6010, 7471A	January 2009 SIR - Tables 2-4
AC4	AC48729-011	12/4/2009	soil	0.5-1.0	s.s.trowel	PAHs, PCBs, Metals	EPA 8270, 8082, 6010, 7471A	January 2009 SIR - Tables 2-4
AC	AC48729-012	12/4/2009	soil	3.5-4.0	s.s.trowel	PAHs, PCBs, Metals	EPA 8270, 8082, 6010, 7471A	January 2009 SIR - Tables 2-4
AC.	AC48729-013	12/4/2009	soil	1.0-1.5	s.s.trowel	PAHs, PCBs, Metals	EPA 8270, 8082, 6010, 7471A	January 2009 SIR - Tables 2-4
AC	AC48729-014	12/4/2009	soil	3.5-4.0	s.s.trowel	PAHs, PCBs, Metals	EPA 8270, 8082, 6010, 7471A	January 2009 SIR - Tables 2-4
AC	AC48729-015	12/4/2009	soil	0.5-1.0	s.s.trowel	PAHs, PCBs, Metals	EPA 8270, 8082, 6010, 7471A	January 2009 SIR - Tables 2-4
AC	AC48729-016	12/4/2009	soil	3.5-4.0	s.s.trowel	PAHs, PCBs, Metals	EPA 8270, 8082, 6010, 7471A	January 2009 SIR - Tables 2-4
AC	AC48729-017	12/4/2009	blank (aq)	AN	s.s.trowel	PAHs, PCBs, Metals	EPA 8270, 8082, 6010, 7471A	January 2009 SIR - Tables 2-4

aq PAH PCB S.S.

Aqueous Polycyclic Aromatic Hydrocarbons Polychlorinated Biphenyls Stainless Steel

POLYCYCLIC AROMATIC HYDROCARBONS (PAHs) Joseph C. Caruso Elementary School Borough of Keansburg, New Jersey SOIL ANALYTICAL RESULTS

	004	6		Kg	RL		0.077	0.077	0.077	0.077	0.077	0.077	0.077	0.077	0.077	0.077	0.077	0.077	0.077	0.077	0.077	0.077
SS-02B	AC48729-004	12/4/2009	3.5-4.0	Soil - mg/Kg	Flg																	
S	AC4	12	6)	Soi	Result		2	Q	QN	QN	QN	QN	QN	QN	QN	ND	ND	DN	DN	DN	QN	QN
	003	60		Kg	RL		0.072	0.072	0.072	0.072	0.072	0.072	0.072	0.072	0.072	0.072	0.072	0.072	0.072	0.072	0.072	0.072
SS-02A	AC48729-003	12/4/2009	0.5-1.0	Soil - mg/Kg	Flg																	
,	AC.	1		So	Result		Q	Q	QN	QN	QN	ND	QN	QN	ND	ND	ND	QN	QN	ND	QN	ΩN
	202	6		Kg	RL		0.078	0.078	0.078	0.078	0.078	0.078	0.078	0.078	0.078	0.078	0.078	0.078	0.078	0.078	0.078	0.078
SS-01B	AC48729-002	12/4/2009	3.5-4.0	Soil - mg/Kg	Flg																	
	AC <sup>4</sup>	12	.,	So	Result		Q	Q	Q	QN	QN	QN	Q	QN	DN	DN	DN	QN	QN	ND	QN	ND
	101	6		6)	RL		0.072	0.072	0.072	0.072	0.072	0.072	0.072	0.072	0.072	0.072	0.072	0.072	0.072	0.072	0.072	0.072
SS-01A	AC48729-001	12/4/2009	0.5-1.0	Soil - mg/Kg	Flg			Г														
0)	AC4	12	)	Soi	Result		Q	Q.	Q	Q	0.075	0.11	Q.	QN	0.076	QN	0.15	QN	QN	QN	0.093	0.13
	NJ Impact to	Ground water som	Standarde	(ma/ka)	(Rushin)		74	NA	1,500	0.5	0.2	2	NA	16	25	9:0	840	110	5	16	NA	550
-uoN CN	Residential Direct	Contact Soil	Remediation	Standards	(mg/Kg)		37,000	300,000	30,000	2	0.2	2	30,000	23	230	0.2	24,000	24,000	2	- 17	300,000	18,000
	NJ Kesidential	Direct Contact	Standards	Standards (malka)	(Bu/Biii)		3,400	NA	17,000	9.0	0.2	9.0	380,000	9	62	0.2	2,300	2,300	9.0	9	NA	1,700
CLIENT ID:	LAB ID:	COLLECTION DATE:	SAMPLE DEPTH:	SAMPLE MATRIX & UNITS:		Polycyclic Aromatic Hydrocarbons (PAHs)	Acenaphthene	Acenaphthylene	Anthracene	Benzo[a]anthracene	Benzo[a]pyrene	Benzo[b]fluoranthene	Benzo[g,h,i]perylene	Benzo[k]fluoranthene	Chrysene	Dibenzo[a,h]anthracene	Fluoranthene	Fluorene	Indeno[1,2,3-cd]pyrene	Naphthalene	Phenanthrene	Pyrene

NA No criterion derived for this contaminant.

ND Non-Detect

SPLP SRS have been intentionally omited from this table as SPLP analysis was not performed Note 1) Residential and Non-residential criteria from the NJDEP June 2, 2008 SRS

Note 2) Sept 2008 DEP guidance document for the development of site-specific IGW soil remediation standards using the soil-water partition equation. Note 3) Sept 2008 DEP guidance document for the use of the SPLP to develop

site-specific IGW remediation standards

## POLYCYCLIC AROMATIC HYDROCARBONS (PAHs) Joseph C. Caruso Elementary School Borough of Keansburg, New Jersey SOIL ANALYTICAL RESULTS

CLIENT ID:	100 100 100	-uoN CN		SS-03A	3A	Ś	SS-03B		SS-04A		S	SS-04B	
LAB ID:	NJ Kesidential	Residential Direct	NJ Impact to	AC48729-005	9-005	AC4	AC48729-006		AC48729-007	200	AC4	AC48729-008	8
COLLECTION DATE:	Direct Contact	Contact Soil	Ground water som	12/4/2009	600	12,	12/4/2009		12/4/2009	6(	12	12/4/2009	
SAMPLE DEPTH:	Soil Remediation Chandards	Remediation	Chandards	0.5-1.0	0.1	3	3.5-4.0		0.5-1.0	_	3	3.5-4.0	
SAMPLE MATRIX & UNITS:	(mail(a)	Standards	(ma/ka)	Soil - mg/Kg	ıg/Kg	Soil	Soil - mg/Kg		Soil - mg/Kg	'Kg	Soil	Soil - mg/Kg	_
	(Bu/Biii)	(mg/Kg)	(Burgini)	Result Flg	3 RL	Result	Flg RL	Result	lt Flg	RL	Result	Flg	RL
Polycyclic Aromatic Hydrocarbons (PAHs)													
Acenaphthene	3,400	37,000	7.4	QN	0.071	QN	0.078	QN 8.		0.072	QN	-	0.070
Acenaphthylene	AN	300,000	NA	Q	0.071	P	0.078	QN 8.		0.072	Q		0.070
Anthracene	17,000	30,000	1,500	QN	0.071	Q	0.078	QN 8.		0.072	QN		0.070
Benzo[a]anthracene	9.0	2	0.5	QN	0.071	Q	0.078	8 0.15		0.072	QN	-	0.070
Benzo[a]pyrene	0.2	0.2	0.2	ND	0.071	QN	0.078	8 0.13		0.072	QN	-	0.070
Benzo[b]fluoranthene	9.0	2	2	QN	0.071	Q	0.078	8 0.18		0.072	QN		0.070
Benzo[g,h,i]perylene	380,000	30,000	NA	ND	0.071	QN	0.078	8 0.087		0.072	QN		0.070
Benzo[k]fluoranthene	9	23	16	QN	0.071	QN	0.078	QN 8.		0.072	QN		0.070
Chrysene	62	230	52	QN	0.071	QN	0.078	8 0.15		0.072	DN		0.070
Dibenzo[a,h]anthracene	0.2	0.2	0.5	ND	0.071	QN	0.078	DN 8.		0.072	DN		0.070
Fluoranthene	2,300	24,000	840	ND	0.071	QN	0.078	8 0.26		0.072	DN		0.070
Fluorene	2,300	24,000	110	ND	0.071	QN	0.078	QN 8.		0.072	QN		0.070
Indeno[1,2,3-cd]pyrene	9.0	2	- 2	DN	0.071	QN	0.078	8 0.078	3	0.072	QN		0.070
Naphthalene	9	17	16	ND	0.071	QN	0.078	DN 8.		0.072	QN		0.070
Phenanthrene	NA	300,000	NA	ND	0.071	ND	0.078	DN 8.		0.072	DN		0.070
Pyrene	1,700	18,000	550	ND	0.071	ND	0.078	8 0.24		0.072	DN		0.070

NA No criterion derived for this contaminant.

ND Non-Detect SPLP SRS have been intentionally omited from this table as SPLP analysis was not performed Note 1) Residential and Non-residential criteria from the NJDEP June 2, 2008 SRS Note 2) Sept 2008 DEP guidance document for the development of site-specific

IGW soil remediation standards using the soil-water partition equation. Note 3) Sept 2008 DEP guidance document for the use of the SPLP to develop site-specific IGW remediation standards

POLYCYCLIC AROMATIC HYDROCARBONS (PAHs) Joseph C. Caruso Elementary School Borough of Keansburg, New Jersey SOIL ANALYTICAL RESULTS

SS-06B	AC48729-012	12/4/2009	3.5-4.0	Soil - mg/Kg	Flg RL		0.072	0.072	0.072	0.072	0.072	0.072	0.072	0.072	0.072	0.072	0.072	0.072	0.072	0.072	0.072	
S	AC4	12	0	Soil	Result		2	Q	S	Q	QN	Q	QN	Q	S	Q	S	Q.	QN	Q.	Q	
_	011	60		Kg	RL		0.070	0.070	0.070	0.070	0.070	0.070	0.070	0.070	0.070	0.070	0.070	0.070	0.070	0.070	0.070	
SS-06A	AC48729-011	12/4/2009	0.5-1.0	Soil - mg/Kg	Flg		L	L														
	AC			S	Result		Q	Q	Q	QN	QN	QN	QN	QN	QN	QN	QN	Q	QN	QN	Q	
_	010	60		'Kg	RL		0.072	0.072	0.072	0.072	0.072	0.072	0.072	0.072	0.072	0.072	0.072	0.072	0.072	0.072	0.072	
SS-05B	AC48729-010	12/4/2009	3.5-4.0	Soil - mg/Kg	Flg																	
	AC	-		Š	Result		Q	QN	QN	ND	ND	QN	QN	ND	QN	QN	Q	Q.	QN	QN	QN	
	600	6		Kg	RL		0.072	0.072	0.072	0.072	0.072	0.072	0.072	0.072	0.072	0.072	0.072	0.072	0.072	0.072	0.072	
SS-05A	AC48729-009	12/4/2009	0.5-1.0	Soil - mg/Kg	Flg																	
	AC	1		Sc	Result		QN	QN	QN	ND	ΩN	QN	QN	ND	QN	QN	QN	QN	QN	QN	QN	
MILL	Crowned Worker Soil	Bomodiation	Standarde	(ma/Ka)	(SurSur)		74	NA	1,500	0.5	0.2	2	NA	16	52	0.5	840	110	2	16	NA	
-noN CN	Residential Direct	Contact Soil	Remediation	Standards	(mg/Kg)		37,000	300,000	30,000	2	0.2	2	30,000	23	230	0.2	24,000	24,000	2	17	300,000	
NI Besidential	NJ Kesidential	Soil Pomodiation	Standarde	(ma/ka)	(Sugar)		3,400	NA	17,000	9.0	0.2	9.0	380,000	9	62	0.2	2,300	2,300	9.0	9	NA	
CLIENT ID:	LAB ID:	COLLECTION DATE:	SAMPLE DEPTH:	SAMPLE MATRIX & UNITS:	20	Polycyclic Aromatic Hydrocarbons (PAHs)	Acenaphthene	Acenaphthylene	Anthracene	Benzo[a]anthracene	Benzo[a]pyrene	Benzo[b]fluoranthene	Benzo[g,h,i]perylene	Benzo[k]fluoranthene	Chrysene	Dibenzo[a,h]anthracene	Fluoranthene	Fluorene	Indeno[1,2,3-cd]pyrene	Naphthalene	Phenanthrene	

NA No criterion derived for this contaminant.

ND Non-Detect

SPLP SRS have been intentionally omited from this table as SPLP analysis was not performed Note 1) Residential and Non-residential criteria from the NJDEP June 2, 2008 SRS

Note 2) Sept 2008 DEP guidance document for the development of site-specific IGW soil remediation standards using the soil-water partition equation. Note 3) Sept 2008 DEP guidance document for the use of the SPLP to develop site-specific IGW remediation standards.

# POLYCYCLIC AROMATIC HYDROCARBONS (PAHs) Joseph C. Caruso Elementary School Borough of Keansburg, New Jersey SOIL ANALYTICAL RESULTS

	-017	60		hg/L	R		2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1
8	AC48729-017	12/4/2009	AA	Aqueous - µg/L	t Flg				L		L											
L	A			Aq	Result		Q.	S	Q.	Q.	S	S	Q	Q	Q.	Q.	g	Q	2	Q	Q	9
10.01	016	6		Kg	RL		0.098	0.098	0.098	0.098	0.098	0.098	0.098	0.098	0.098	0.098	0.098	0.098	0.098	0.098	0.098	0.098
SS-08B	AC48729-016	12/4/2009	3.5-4.0	Soil - mg/Kg	Flg																	
	AC	1		So	Result		QN	QN	QN	QN	QN	QN	QN	QN	QN	QN	QN	ND	QN	QN	QN	ND
	115	6		kg kg	RL		0.070	0.070	0.070	0.070	0.070	0.070	0.070	0.070	0.070	0.070	0.070	0.070	0.070	0.070	0.070	0.070
SS-08A	AC48729-015	12/4/2009	0.5-1.0	Soil - mg/Kg	Flg																	
0)	AC4	12		Soi	Result		Q	Q	Q	Q	Q	QN	QN	QN	QN	Q	Q	QN	Q	QN	ND	ΩN
	14	6		, g	RL		0.071	0.071	0.071	0.071	0.071	0.071	0.071	0.071	0.071	0.071	0.071	0.071	0.071	0.071	0.071	0.071
SS-07B	AC48729-014	12/4/2009	3.5-4.0	Soil - mg/Kg	Flg																	
•,	AC.	1		So	Result		QN	QN	QN	QN	QN	ND	DN	ND	DN	QN	QN	ND	QN	DN	ND	Q
	13	6		6)	RL		0.072	0.072	0.072	0.072	0.072	0.072	0.072	0.072	0.072	0.072	0.072	0.072	0.072	0.072	0.072	0.072
SS-07A	AC48729-013	12/4/2009	1.0-1.5	Soil - mg/Kg	Flg																	
0,	AC4	12		So	Result		QN	QN	ND	QN	ND	ND	ND	ND	ND	ND	QN	ND	ND	ND	ND	QN
N I Immediate	NJ Impact to	Pomodiation	Standards	(mar/Ka)	(Bangun)		74	NA	1,500	0.5	0.2	2	NA	16	52	0.5	840	110	5	16	NA	550
-uoN CN	Residential Direct	Contact Soil	Remediation	Standards	(mg/Kg)		37,000	300,000	30,000	2	0.2	2	30,000	23	230	0.2	24,000	24,000	2	17	300,000	18,000
N I Docidontial	Direct Contact	Soil Pomodiation	Standarde	(ma/Ka)	(mg/mg)		3,400	NA	17,000	9:0	0.2	0.6	380,000	6	62	0.2	2,300	2,300	9.0	9	NA	1,700
CLIENT ID:	LAB ID:	COLLECTION DATE:	SAMPLE DEPTH:	SAMPLE MATRIX & UNITS:		Polycyclic Aromatic Hydrocarbons (PAHs)	Acenaphthene	Acenaphthylene	Anthracene	Benzo[a]anthracene	Benzo[a]pyrene	Benzo[b]fluoranthene	Benzo[g,h,i]perylene	Benzo[k]fluoranthene	Chrysene	Dibenzo[a,h]anthracene	Fluoranthene	Fluorene	Indeno[1,2,3-cd]pyrene	Naphthalene	Phenanthrene	Pyrene

NA No criterion derived for this contaminant. ND Non-Detect

SPLP SRS have been intentionally omited from this table as SPLP analysis was not performed Note 1) Residential and Non-residential criteria from the NJDEP June 2, 2008 SRS

Note 2) Sept 2008 DEP guidance document for the development of site-specific

IGW soil remediation standards using the soil-water partition equation.

Note 3) Sept 2008 DEP guidance document for the use of the SPLP to develop site-specific IGW remediation standards

# POLYCHLORINATED BIPHENYLES (PCBs) Joseph C. Caruso Elementary School Borough of Keansburg, New Jersey SOIL ANALYTICAL RESULTS

	305	6		kg Kg	R		0.027	0.027	0.027	0.027	0.027	0.027	0.027	0.027	0.027	0.027
SS-03A	AC48729-005	12/4/2009	0.5-1.0	Soil - mg/Kg	Flg											
0)	AC4	12		Soi	Result		Q	Q	Q	Q	Q	Q	Q	Q	Q	QN
	104	6		ç9	RL		0.029	0.029	0.029	0.029	0.029	0.029	0.029	0.029	0.029	0.029
SS-02B	AC48729-004	12/4/2009	3.5-4.0	Soil - mg/Kg	Flg											
	AC.	1		So	Result		Q	QN	QN	Q	QN	Q	Q	QN	QN	ND
	003	6		<b>4</b> 9	RL		0.027	0.027	0.027	0.027	0.027	0.027	0.027	0.027	0.027	0.027
SS-02A	AC48729-003	12/4/2009	0.5-1.0	Soil - mg/Kg	Flg											
0)	AC4	12		Soi	Result		Q	QN	ND	QN	QN	Q	Q	QV	QN	QN
	02	6		ίg	RL		0.029	0.029	0.029	0.029	0.029	0.029	0.029	0.029	0.029	0.029
SS-01B	AC48729-002	12/4/2009	3.5-4.0	Soil - mg/Kg	Flg											
5)	AC4	12	(,)	Soi	Result		QN	ND	QN							
	01	6		(d	RL		0.027	0.027	0.027	0.027	0.027	0.027	0.027	0.027	0.027	0.027
SS-01A	AC48729-001	12/4/2009	0.5-1.0	Soil - mg/Kg	Flg											
S	AC4	12	0	Soi	Result		QN	QN	ND	QN						
N I Immant to	Cround Whater Coil	Pomodiation	Standards	(malka)	(B.116)		NA	0.2	0.2	0.2	0.2	0.2	0.2	0.2	NA	NA
-uoN CN	Residential Direct Cround Motor Soil	Contact Soil	Remediation	Standards	(mg/Kg)		1	1	1	1	1	1	1	1	NA	NA
			Ctandarde	(ma/Ka)	(Barrisan)		0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	NA	NA
CLIENT ID:	LAB ID:	COLLECTION DATE:	SAMPLE DEPTH:	SAMPLE MATRIX & UNITS:		Polychlorinated Biphenyls (PCBs)	Aroclor (Total)	Aroclor-1016	Aroclor-1221	Aroclor-1232	Aroclor-1242	Aroclor-1248	Aroclor-1254	Aroclor-1260	Aroclor-1262	Aroclor-1268

NA No criterion derived for this contaminant.

ND Non-Detect
SPLP SRS have been intentionally omited from this table as SPLP analysis was not performed Note 1) Residential and Non-residential criteria from the NJDEP June 2, 2008 SRS Note 2) Sept 2008 DEP guidance document for the development of site-specific IGW soil remediation standards using the soil-water partition equation.

Note 3) Sept 2008 DEP guidance document for the use of the SPLP to develop site-specific IGW remediation standards

### POLYCHLORINATED BIPHENYLES (PCBs) Joseph C. Caruso Elementary School Borough of Keansburg, New Jersey SOIL ANALYTICAL RESULTS TABLE 3

	010	6		Kg	RL		0.027	0.027	0.027	0.027	0.027	0.027	0.027	0.027	0.027	0.027
SS-05B	AC48729-010	12/4/2009	3.5-4.0	Soil - mg/Kg	Flg											
	AC,	1		So	Result		Q	QN	QN	QN	ND	QN	Q	QN	QN	ND
	600	6		6)	RL		0.027	0.027	0.027	0.027	0.027	0.027	0.027	0.027	0.027	0.027
SS-05A	AC48729-009	12/4/2009	0.5-1.0	Soil - mg/Kg	Flg		Г									
0)	AC4	12	)	Soi	Result		Q	QN	QN	QN	ND	ND	QN	Q	QN	QN
	80	6		, by	RL		0.026	0.026	0.026	0.026	0.026	0.026	0.026	0.026	0.026	0.026
SS-04B	AC48729-008	12/4/2009	3.5-4.0	Soil - mg/Kg	Flg						-		_			
S	AC4	12	(6)	Soi	Result		QN	QN	QN	QN	ND	QN	QN	QN	QN	QN
	2(			9	RL		0.027	0.027	0.027	0.027	0.027	0.027	0.027	0.027	0.027	0.027
SS-04A	AC48729-007	12/4/2009	0.5-1.0	Soil - mg/Kg	Flg			_					_			
Š	AC48	12/	0	Soil	Result		QN	QN	QN	QN	ND	QN	QN	Q.	QN	QN
	9			-	RL		0.029	0.029	0.029	0.029	0.029	0.029	0.029	0.029	0.029	0.029
SS-03B	AC48729-006	12/4/2009	3.5-4.0	Soil - mg/Kg	Flg			_	-				-			Н
SS	AC48	12/	3.	Soil	Result		QN	QN	ND	QN	QN	QN	QN	Q	QN	QN
, and the second	NJ Impact to	Pomodiation	Standards	(ma/ka)	(Burgini)		AN	0.2	0.2	0.2	0.2	0.2	0.2	0.2	NA	NA
-noN CN	Residential Direct	Contact Soil	Remediation	Standards	(mg/Kg)		1	1	1	1	1	1	1	1	NA	NA
	LAB ID: No Residential		Chandarde	(malka)	(Burgill)		0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	NA	NA
CLIENT ID:	LAB ID:	COLLECTION DATE:	SAMPLE DEPTH:	SAMPLE MATRIX & UNITS:		Polychlorinated Biphenyls (PCBs)	Aroclor (Total)	Aroclor-1016	Aroclor-1221	Aroclor-1232	Aroclor-1242	Aroclor-1248	Aroclor-1254	Aroclor-1260	Aroclor-1262	Aroclor-1268

NA No criterion derived for this contaminant. ND Non-Detect

SPLP SRS have been intentionally omited from this table as SPLP analysis was not performed Note 1) Residential and Non-residential criteria from the NJDEP June 2, 2008 SRS Note 2) Sept 2008 DEP guidance document for the development of site-specific

IGW soil remediation standards using the soil-water partition equation. Note 3) Sept 2008 DEP guidance document for the use of the SPLP to develop site-specific IGW remediation standards

### POLYCHLORINATED BIPHENYLES (PCBs) Joseph C. Caruso Elementary School Borough of Keansburg, New Jersey SOIL ANALYTICAL RESULTS TABLE 3

	115	6		6 6	R		0.026	0.026	0.026	0.026	0.026	0.026	0.026	0.026	0.026	0.026
SS-08A	AC48729-015	12/4/2009	0.5-1.0	Soil - mg/Kg	Flg		Г									
S	AC4	12		Soi	Result		Q	QN	QN	QN	Q	Q	Q	QN	QN	QN
	114	6		Ş	R		0.027	0.027	0.027	0.027	0.027	0.027	0.027	0.027	0.027	0.027
SS-07B	AC48729-014	12/4/2009	3.5-4.0	Soil - mg/Kg	Flg											
0)	AC4	12	.,	Soi	Result		g	QN	QN	QN	QN	Q	2	QN	QN	ND
	13	6		, G	RL		0.027	0.027	0.027	0.027	0.027	0.027	0.027	0.027	0.027	0.027
SS-07A	AC48729-013	12/4/2009	1.0-1.5	Soil - mg/Kg	Flg											
S	AC4	12	1	Soil	Result		Q.	QN	QN	QN	QN	QN	Q.	QN	QN	QN
	12			6	RL		0.027	0.027	0.027	0.027	0.027	0.027	0.027	0.027	0.027	0.027
SS-06B	AC48729-012	12/4/2009	3.5-4.0	Soil - mg/Kg	Flg											
S	AC4	12	3	Soil	Result		QN	QN	QN	QN	QN	QN	Q.	QN	QN	QN
	11			6	RL		0.026	0.026	0.026	0.026	0.026	0.026	0.026	0.026	0.026	0.026
SS-06A	AC48729-011	12/4/2009	0.5-1.0	Soil - mg/Kg	Flg			_		_		_	_			
S	AC4	12/	0	Soil	Result		QN	QN	QN	QN	QN	QN	QN	QN	QN	QN
NI I Immediate	No impact to	Bomodiotion	Standards	(ma/Ka)	(Rushin)		NA	0.2	0.2	0.2	0.2	0.2	0.2	0.2	NA	NA
-noN CN	Residential Direct	Contact Soil	Remediation	Standards	(mg/Kg)		1	1	1	1	1	1	1	1	NA	NA
N I Decidential	LAB ID: Direct Control Sell	Direct contact son	Standards	(malka)	(Burgini)		0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	NA	NA
CLIENT ID:	LAB ID:	COLLECTION DATE:	SAMPLE DEPTH:	SAMPLE MATRIX & UNITS:		Polychlorinated Biphenyls (PCBs)	Aroclor (Total)	Aroclor-1016	Aroclor-1221	Aroclor-1232	Aroclor-1242	Aroclor-1248	Aroclor-1254	Aroclor-1260	Aroclor-1262	Aroclor-1268

NA No criterion derived for this contaminant.

ND Non-Detect
SPLP SRS have been intentionally omited from this table as SPLP analysis was not performed Note 1) Residential and Non-residential criteria from the NJDEP June 2, 2008 SRS Note 2) Sept 2008 DEP guidance document for the development of site-specific IGW soil remediation standards using the soil-water partition equation.

Note 3) Sept 2008 DEP guidance document for the use of the SPLP to develop site-specific IGW remediation standards

POLYCHLORINATED BIPHENYLES (PCBs) Joseph C. Caruso Elementary School Borough of Keansburg, New Jersey SOIL ANALYTICAL RESULTS

	117	6		J/Br	RL		0.26	0.26	0.26	0.26	0.26	0.26	0.26	0.26	0.26	0.26
FB	AC48729-017	12/4/2009	NA	Aqueous - µg/L	Flg			_								
	AC4	12		Aque	Result		Q	QN	ND							
	016	6		Kg	RL		0.037	0.037	0.037	0.037	0.037	0.037	0.037	0.037	0.037	0.037
SS-08B	AC48729-016	12/4/2009	3.5-4.0	Soil - mg/Kg	Flg											
0,	AC.	1;		So	Result		QN	QN	QN	ND	ND	QN	QN	ND	ND	ND
	NJ Impact to	Bomodiation	Standards	(ma/Ka)	(Burgini)		NA	0.2	0.2	0.2	0.2	0.2	0.2	0.2	NA	NA
-noN CN	Residential Direct	Contact Soil	Remediation	Standards	(mg/Kg)		1	1	1	1	1	1	1	1	NA	NA
0.14	NJ Kesidential	Direct Contact Soil	Ctandarde	(malka)	(Ru/Riii)		0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	NA	NA
CLIENT ID:	LAB ID:	COLLECTION DATE:	SAMPLE DEPTH:	SAMPLE MATRIX & UNITS:		Polychlorinated Biphenyls (PCBs)	Aroclor (Total)	Aroclor-1016	Aroclor-1221	Aroclor-1232	Aroclor-1242	Aroclor-1248	Aroclor-1254	Aroclor-1260	Aroclor-1262	Aroclor-1268

NA No criterion derived for this contaminant. ND Non-Detect

SPLP SRS have been intentionally omited from this table as SPLP analysis was not performed Note 1) Residential and Non-residential criteria from the NJDEP June 2, 2008 SRS

Note 2) Sept 2008 DEP guidance document for the development of site-specific

IGW soil remediation standards using the soil-water partition equation. Note 3) Sept 2008 DEP guidance document for the use of the SPLP to develop

site-specific IGW remediation standards

Joseph C. Caruso Elementary School Borough of Keansburg, New Jersey SOIL ANALYTICAL RESULTS TABLE 4 METALS

SS-02B	AC48729-004	12/4/2009	3.5-4.0	Soil - mg/Kg	Result Flg RL	960.0 D			9 2.3	11	D 0.69	69·0	D 1,100	1 5.7	D   2.9		00 230	D 5.7	D 570	D 11	D 5.7	D 570	-	2.1				
L		L			$\forall$	I ND	3,300	QN .	2.9	Q.	QN S	QN S	ON 0	7.1	QN .	ON .	005'8	QN .	QN (	QN	ON .	QN (	QN		-	H		+++
2A	9-003	600	0.	g/Kg	집	0.091	220	2.2	2.2	11	0.65	0.65	1,100	5.4	2.7	5.4	220	5.4	540	11	5.4	540	2.0		1.6	1.6	1.6	1.6 270 1.3
SS-02A	AC48729-003	12/4/2009	0.5-1.0	Soil - mg/Kg	It Flg		0										0									-		
					Result	QN	1,300	DN	3.6	QN	g	QN	QN	QN	DN	DN	8,200	6.5	DN	14	QN	QN	QN		2	2 2	22	999
	200	60			귐	0.098	240	2.4	2.4	12	0.71	0.71	1,200	5.9	2.9	5.9	240	5.9	290	12	5.9	290	2.1		1.8	1.8	1.8	1.8
SS-01B	AC48729-002	12/4/2009	3.5-4.0	5	Flg																							Ш
	AC			Š	Result	ND	1,100	ND	ND	ND	QN	ND	ND	ND	ND	ND	5,200	ND	ND	ND	ND	ND	ND	1	Q N	2 2	2 2	2 2 2
	11				귐	060.0	220	2.2	2.2	11	0.65	0.65	1,100	5.4	2.7	5.4	220	5.4	240	11	5.4	540	1.9		9.1	1.6	1.6	1.6
SS-01A	AC48729-00	12/4/2009	0.5-1.0	Soil - mg/Kg	Flg				_	_	_	_		_					_		_	_				$\dagger$	$\dagger$	$\dagger \dagger \dagger$
S	AC4	12	0	Soi	Result	ND	1,500	ND	4.0	ND	ND	ND	ND	6.2	ND	ND	11,000	ND	ND	14	ND	QN	ND		Q.	2 2	22	2 2 2
NJ Impact to	<b>Ground Water</b>	SPLP Soil	Remediation	Standards	(ng/L)	26	43	78	3	78,000	13	52	NA	NA	NA	16,900	NA	65	NA	029	1,300	NA	520	000	076	02C NA	NA NA	NA 6
M I Immediate	No impact to	Pomodiation	Standards	(ma/Ka)	6	0.1	3,900	9							9	00	1											Α.,
7	G.	5					3,	9	19	1,300	0.5	1	NA	NA	59	7,3(	NA	29	NA	42	31	NA	7	1		AN	NA	NA 8
MI Man Dagidanti	Non-Residential	Direct Collidation Gre				92		450 6		1,300	140 0.5	1 82 1	Na NA	NA NA	290 26	45,000 7,30	NA NA	69 008	AN NA	5,900 42	23,000 31	NA NA	5,700					
	Direct Contact Soil Direct Contact Soil O	5	Standards	(mg/Kg)	66						140													390 5.700 1		AN	NA	NA 79

NA No criterion derived for this contaminant. ND Non-Detect

BOLD

Above One or More SRS Standard

Note 1) Residential and Non-residential criteria from the NJDEP June 2, 2008 SRS

Note 2) Sept 2008 DEP guidance document for the development of site-specific IGW soil remediation standards using the soil-water partition equation. Note 3) Sept 2008 DEP guidance document for the use of the SPLP to develop site-specific IGW remediation standards

# Joseph C. Caruso Elementary School Borough of Keansburg, New Jersey SOIL ANALYTICAL RESULTS METALS TABLE 4

	Γ	Γ			RL					<u> </u>			,								0.20	-				-			
SS-04A	AC48729-007	12/4/2009	0.5-1.0	Soil - mg/L	Ц	SPLP ANALYSIS															0	_		_				_	-
SS	AC487	12/4	0.5	Soil .	Result Flg	SPLP A					,			-	,		,	,			QN	-		-	,	-	-	-	,
				_			91	0;	2	2	1	35	35	00	5.4	1 2	4	0;	5.4	01	_	5.4	240	2.0	1.6	270	1.3	1	1
SS-04A	29-007	12/4/2009	1.0	Soil - mg/Kg	g RL		0.091	220	2.2	2.2	11	0.65	0.65	1,100	5.	2.7	5.4	220	5.	540	11	5.	79	2.	1.	27	1.	11	11
-SS-	AC48729-007	12/4/	0.5-1.0	Soil - I	Result Flg		QN	2,900	ND	6.4	15	QN	QN	3,700	11	ND	6.7	14,000	13	069	62	ND	270	ND	ND	ND	ND	17	18
					Н			-		_			_	_		_	H			H			_	_		_		_	
38	900-6	600	0.	g/Kg	RL		0.097	230	2.3	2.3	12	0.70	0.70	1,200	5.8	2.9	5.8	230	5.8	280	12	5.8	280	2.1	1.7	290	1.4	12	12
SS-03B	AC48729-006	12/4/2009	3.5-4.0	Soil - mg/Kg	ılt Flg			0				<u> </u>						00						_				_	
					Result		QN	3,500	DN	4.3	QN	0.76	QN	QN	9.8	QN	g	44,000	g	QN	QN	QN	QN	QN	QN	QN	QN	15	S
1	900	60		/Kg	RL		0.089	210	2.1	2.1	11	0.64	0.64	1,100	5.3	2.7	5.3	210	5.3	530	11	5.3	530	1.9	1.6	270	1.3	11	11
SS-03A	AC48729-005	12/4/2009	0.5-1.0	Soil - mg/Kg	Flg																								
	4			0,	Result		QN	2,800	QN	5.9	QN	QN	QN	QN	9.4	QN	6.1	13,000	47	Q	33	QN	970	QN	QN	QN	QN	19	14
NJ Impact to	<b>Ground Water</b>	SPLP Soil	Remediation	Standards	(ng/L)		26	43	78	3	78,000	13	52	NA	NA	NA	16,900	NA	65	NA	650	1,300	NA	520	520	NA	9	NA	26,000
N I Immediate	No impact to	Pomodiation	Standarde	(mailka)	(Bulgill)		0.1	3,900	9	19	1,300	0.5	1	NA	NA	29	7,300	NA	59	NA	42	31	NA	7	1	NA	3	NA	009
In Man Decidential	No Non-Residential	Direct Contact Soil Direct Contact Soil Ground Water Soil	Ctandarde	(malka)	(Surfam)		99	NA	450	19	29,000	140	8.2	Na	NA	069	45,000	NA	800	NA	2,900	23,000	NA NA	5,700	5,700	NA	6.2	1,100	110,000
N I Besidential	NJ Residential	Direct Contact Soil	Standards	/ma/lka)	(Byrem)		23	78,000	31	19	16,000	16	78	NA	NA	1,600	3,100	NA	400	NA	11,000	1,600	NA	390	390	NA	5	78	23.000
CLIENT ID:	LAB ID:	COLLECTION DATE:	SAMPLE DEPTH:	MPLE MATRIX & UNITS:		Metals	Mercury	Aluminum	Antimony	Arsenic	Barium	Beryllium	Cadmium	Calcinm	Chromium	Cobalt	Copper	lron	Lead	Magnesium	Manganese	Nickel	Potassium	Selenium	Silver	Sodium	Thallium	Vanadium	Zinc

NA No criterion derived for this contaminant.

ND Non-Detect

BOLD

Note 1) Residential and Non-residential criteria from the NJDEP June 2, 2008 SRS Note 2) Sept 2008 DEP guidance document for the development of site-specific IGW soil remediation standards using the soil-water partition equation.

Note 3) Sept 2008 DEP guidance document for the use of the SPLP to develop site-specific IGW remediation standards

METALS Joseph C. Caruso Elementary School Borough of Keansburg, New Jersey SOIL ANALYTICAL RESULTS TABLE 4

_	_	_		_			_		_	_		_	_	_	_	_		_	_	_	_			_	_	_			_
	111	6		,Kg	RL		0.088	210	2.1	2.1	11	0.63	0.63	1,100	5.3	2.6	5.3	210	5.3	530	11	5.3	530	1.9	1.6	260	1.3	11	11
SS-06A	AC48729-011	12/4/2009	0.5-1.0	Soil - mg/Kg	Flg																								
S	AC4	12	0	Soi	Result		QN	1,200	ND	3.0	QN	QN	QN	QN	QN	QN	QN	6,200	9.2	QN	22	ND	ND	DN	QN	QN	ND	ND	ND
	010	6		Kg	RL		0.091	220	2.2	2.2	11	0.65	0.65	1,100	5.4	2.7	5.4	220	5.4	540	11	5.4	240	2.0	1.6	270	1.3	11	11
SS-05B	AC48729-010	12/4/2009	3.5-4.0	Soil - mg/Kg	Flg																								
0,	AC4	12	,	So	Result		QN	2,300	QN	7.7	QN	QN	QN	QN	12	QN	QN	22,000	S	QN	14	ND	ND	ND	QN	ND	ND	ND	DN
	600	6		₹g	RL		060.0	220	2.2	2.2	11	0.65	0.65	1,100	5.4	2.7	5.4	220	5.4	540	11	5.4	240	1.9	1.6	270	1.3	11	11
SS-05A	AC48729-009	12/4/2009	0.5-1.0	Soil - mg/Kg	Flg																								
0)	AC4	12	)	Soi	Result		QN	2,000	QN	5.2	QN	QN	QN	QN	8.3	QN	QN	12,000	8.1	QN	27	ND	240	ND	Q	QN	QN	16	20
	800	6		(g	RL		0.088	210	2.1	2.1	11	0.63	0.63	1,100	5.3	5.6	5.3	210	5.3	530	11	5.3	230	1.9	1.6	260	1.3	11	11
SS-04B	AC48729-008	12/4/2009	3.5-4.0	Soil - mg/Kg	Flg															Г					Г				
S	AC4	12	(,)	Soi	Result		QN	1,800	QN	5.8	QN	QN	QN	QN	8.1	QN	QN	14,000	Q	Q	QN	ND	730	QN	Q	QN	QN	16	ND
NJ Impact to	<b>Ground Water</b>	SPLP Soil	Remediation	Standards	(ng/L)		26	43	78	3	78,000	13	52	NA	NA	NA	16,900	NA	65	NA	029	1,300	NA	520	520	NA	9	NA	26,000
	NJ Impact to	Pomodiation	Standards	(ma/Ka)	(Burgini)		0.1	3,900	9	19	1,300	0.5	1	NA	NA.	- 29	7,300	NA	59	NA	42	31	NA	7	1	NA	3	NA	009
	NJ Residential NJ Non-Residential NJ Impact to	Direct Contact Soil of	Standards	(ma/Ka)	(Burgini)		99	NA	450	19	29,000	140	78	Na	NA	290	45,000	NA	800	NA	2,900	23,000	AN	5,700	5,700	NA	- 62	1,100	110,000
	NJ Residential	Direct Contact Soil	Standards	(ma/ka)	(Burgini)		23	78,000	31	19	16,000	16	78	NA	NA	1,600	3,100	NA	400	NA	11,000	1,600	NA	390	390	NA	5	78	23,000
CLIENT ID:	LAB ID:	COLLECTION DATE:	SAMPLE DEPTH:	MPLE MATRIX & UNITS:		Metals	Mercury	Aluminum	Antimony	Arsenic	Barium	Beryllium	Cadmium	Calcium	Chromium	Cobalt	Copper	Iron	Lead	Magnesium	Manganese	Nickel	Potassium	Selenium	Silver	Sodium	Thallium	Vanadium	Zinc

NA No criterion derived for this contaminant.

ND Non-Detect

BOLD

Above One or More SRS Standard

Note 1) Residential and Non-residential criteria from the NJDEP June 2, 2008 SRS

Note 2) Sept 2008 DEP guidance document for the development of site-specific IGW soil remediation standards using the soil-water partition equation. Note 3) Sept 2008 DEP guidance document for the use of the SPLP to develop site-specific IGW remediation standards

Joseph C. Caruso Elementary School Borough of Keansburg, New Jersey SOIL ANALYTICAL RESULTS METALS TABLE 4

1	015	60		/Kg	RL		0.088	210	2.1	2.1	11	0.63	0.63	1,100	5.3	2.6	5.3	210	5.3	530	11	5.3	530	1.9	1.6	260	1.3	11	11
SS-08A	AC48729-015	12/4/2009	0.5-1.0	Soil - mg/Kg	Flg																								
	AC	12		So	Result		Q	940	QN	3.0	QN	ND	QN	ND	QN	ND	ND	6,000	9.9	Q	33	Q	ND	ND	ND	ND	ND	ND	26
	114	6		Kg	RL		0.089	210	2.1	2.1	11	0.64	0.64	1,100	5.3	2.7	5.3	210	5.3	530	11	5.3	530	1.9	1.6	270	1.3	11	11
SS-07B	AC48729-014	12/4/2009	3.5-4.0	Soil - mg/Kg	Flg																								
	AC4	12	.,	Soi	Result		QN	1,800	ND	DN	ND	QN	ND	ND	ND	ND	ND	6,200	ND	QN	Q	ND	ND	ND	ND	ND	ND	ND	ND
	13			(d	RL		0.091	220	2.2	2.2	11	0.65	0.65	1,100	5.4	2.7	5.4	220	5.4	540	11	5.4	540	2.0	1.6	270	1.3	11	11
SS-07A	AC48729-013	12/4/2009	1.0-1.5	Soil - mg/Kg	Flg																			9					
S	AC4	12	1	Soi	Result		ND	1,200	DN	2.9	13	QN	ND	ND	16	ND	14	000'9	13	QN	25	7.0	DN	QN	QN	QN	QN	ND	QN
	12			6)	RL		0.090	220	2.2	2.2	11	0.65	0.65	1,100	5.4	2.7	5.4	220	5.4	540	11	5.4	240	1.9	1.6	270	1.3	11	11
SS-06B	AC48729-012	12/4/2009	3.5-4.0	Soil - mg/Kg	Flg																								
S	AC4	12	6	Soil	Result		QN	1,700	QN	QN	Q	QN	QN	QN	QN	QN	QN	7,700	Q	DN	ND	ND	QN	QN	QN	Q	Q	QN	ND
NJ Impact to	Ground Water	SPLP Soil	Remediation	Standards	(ng/L)		26	43	78	3	78,000	13	52	NA	NA	NA	16,900	NA	65	NA	650	1,300	NA	520	520	NA	9	NA	26,000
	NJ Impact to	sround Water Soil	Standards	Standards (mellen)	(Burgini)		0.1	3,900	9	19	1,300	0.5	1	NA	NA	59	7,300	NA	59	NA	42	31	NA	7		AN	3	NA	009
	NJ Non-Residential	Direct Contact Soil Direct Contact Soil Ground Water Soil	Kemediation	Standards	(Bu/Biii)		65	NA	450	19	29,000	140	78	Na	NA	290	45,000	NA	800	NA	2,900	23,000	NA	5,700	5,700	NA	79	1,100	110,000
	NJ Residential	irect Contact Soil	Kemediation	Standards	(Bu/biii)		23	78,000	31	19	16,000	16	78	NA	NA	1,600	3,100	NA	400	NA	11,000	1,600	NA	390	390	AN	5	78	23,000
	- 1		10000			10000			T									Г			Γ		Γ	Γ	Г			Γ	

NA No criterion derived for this contaminant.

ND Non-Detect

BOLD

Above One or More SRS Standard

Note 1) Residential and Non-residential criteria from the NJDEP June 2, 2008 SRS

Note 2) Sept 2008 DEP guidance document for the development of site-specific IGW soil remediation standards using the soil-water partition equation.

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Joseph C. Caruso Elementary School Borough of Keansburg, New Jersey SOIL ANALYTICAL RESULTS METALS TABLE 4

_					_		_		_	_	_	_	_	_			_		_	_			_	_	_	_	_		_
	117	6		J/br	RL		0.50	2,000	20	20	100	0.9	0.9	10,000	20	25	20	2,000	20	5,000	100	20	5,000	18	15	2,500	12	100	100
FB	AC48729-017	12/4/2009	NA	Aqueous - µg/L	Flg																								
	AC4	12		Aque	Result		ND	ND	ND	ND	ND	QN	ND	ND	DN	ND	ND	QN	ND	ND	ND	QN	ND	ND	ND	ND	ND	Q	ND
	116	6		49	RL		0.12	290	2.9	2.9	15	0.88	0.88	1,500	7.4	3.7	7.4	290	7.4	740	15	7.4	740	2.6	2.2	370	1.8	15	15
SS-08B	AC48729-016	12/4/2009	3.5-4.0	Soil - mg/Kg	Flg																								
0)	AC4	12		Soi	Result		QN	2,800	QN	4.2	QN	QN	QN	QN	8.9	ND	ND	9,200	QN	ND	QN	ND	DN	ND	ND	QN	ND	ND	Q
NJ Impact to	Ground Water	SPLP Soil	Remediation	Standards	(ng/L)		26	43	78	3	78,000	13	52	NA	NA	NA	16,900	NA	65	NA	029	1,300	NA	520	520	NA	9	NA	26,000
	NJ Impact to	Ground Water Soil	Chandards	Standards (mc/l/ca)	(Bu/Biii)		0.1	3,900	9	19	1,300	0.5		NA	NA	- 29	7,300	NA	59	NA	42	31	NA	7		NA	3	NA	009
	NJ Non-Residential	Direct Contact Soil Direct Contact Soil Ground Water Soil	Kemediation	Standards /mall/a)	(Bu/Biii)		65	NA	450	19	29,000	140	78	Na	NA	290	45,000	NA	800	NA	2,900	23,000	NA	5,700	5,700	NA	79	1,100	110,000
13	NJ Residential	Direct Contact Soil	Kemediation	Standards	(Bu/Bill)		23	78,000	31	19	16,000	16	78	NA	NA	1,600	3,100	NA	400	AN	11,000	1,600	NA	390	390	NA	5	78	23,000
CLIENT ID:	-	Bright I	SAMPLE DEPTH:	MPLE MATRIX & UNITS:		Metals	Mercury	Aluminum	Antimony	Arsenic	Barium	Beryllium	Cadmium	Calcium	Chromium	Cobalt	Copper	Iron	Lead	Magnesium	Manganese	Nickel	Potassium	Selenium	Silver	Sodium	Thallium	Vanadium	Zinc

NA No criterion derived for this contaminant.

ND Non-Detect

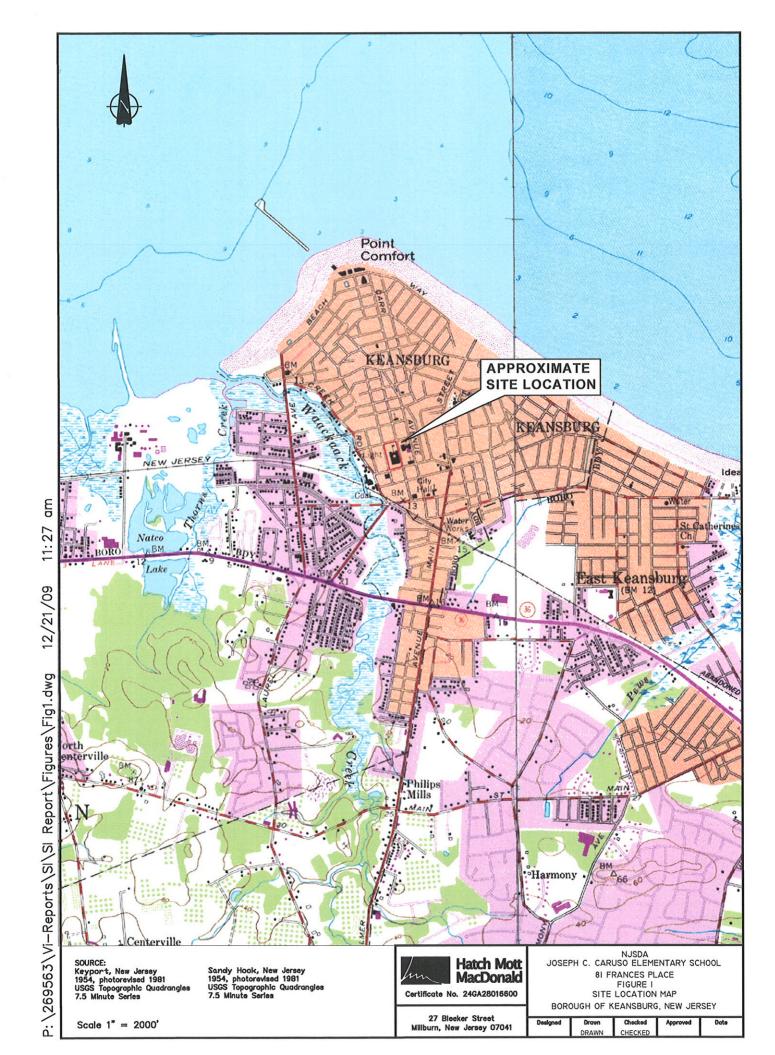
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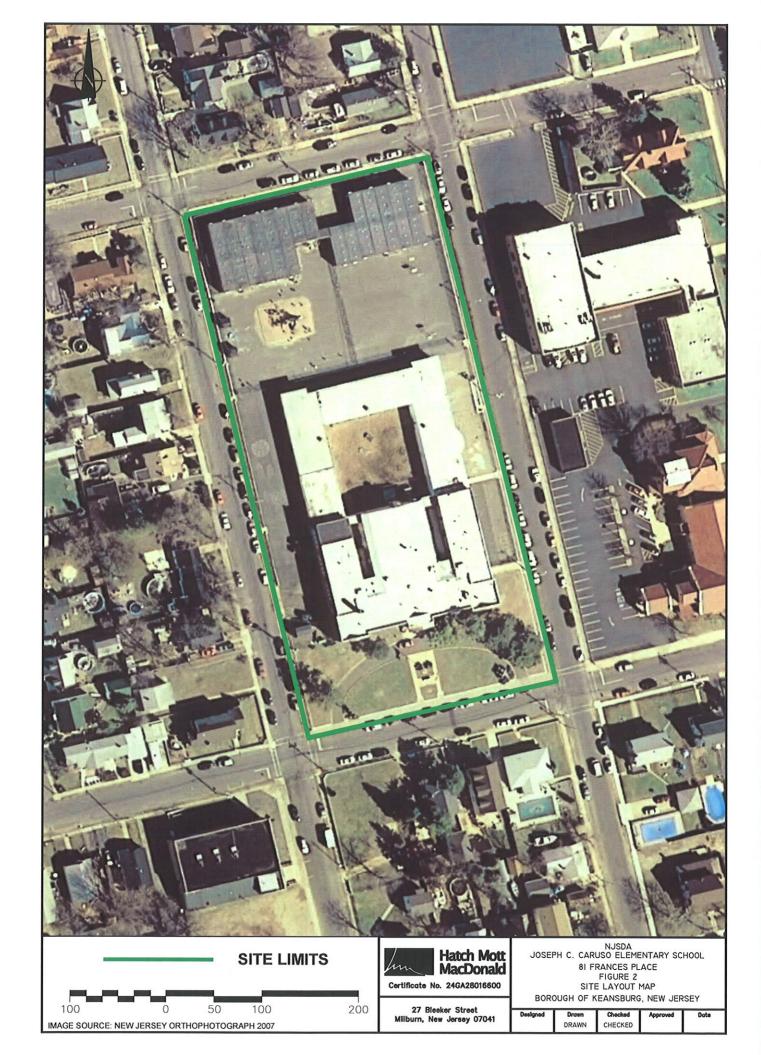
Note 1) Residential and Non-residential criteria from the NJDEP June 2, 2008 SRS

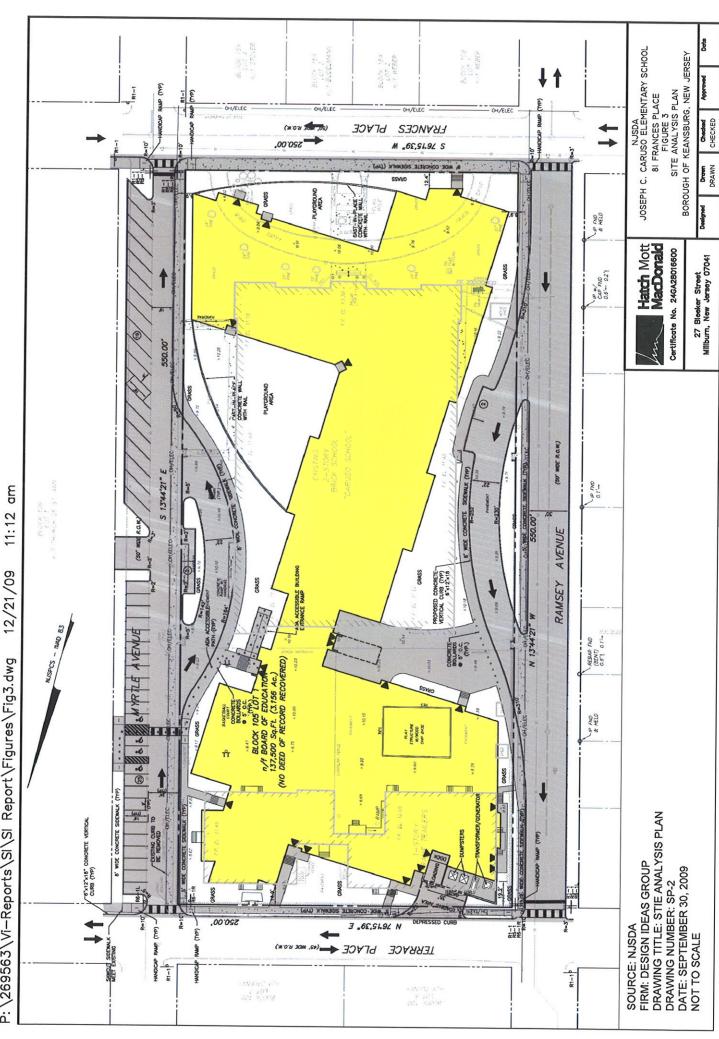
Note 2) Sept 2008 DEP guidance document for the development of site-specific IGW soil remediation standards using the soil-water partition equation.

Note 3) Sept 2008 DEP guidance document for the use of the SPLP to develop site-specific IGW remediation standards.

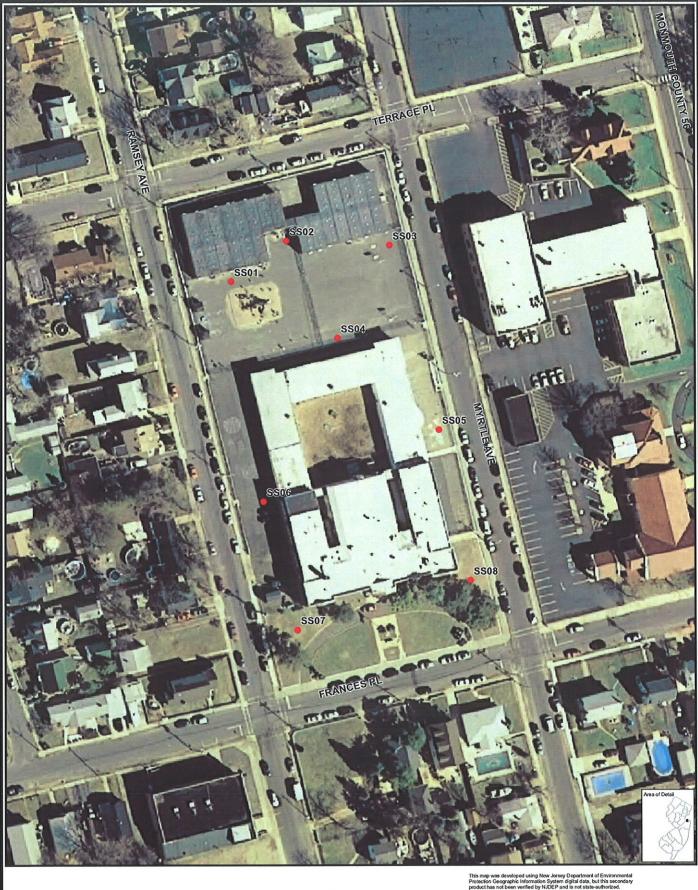








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#### Legend

Sample Location



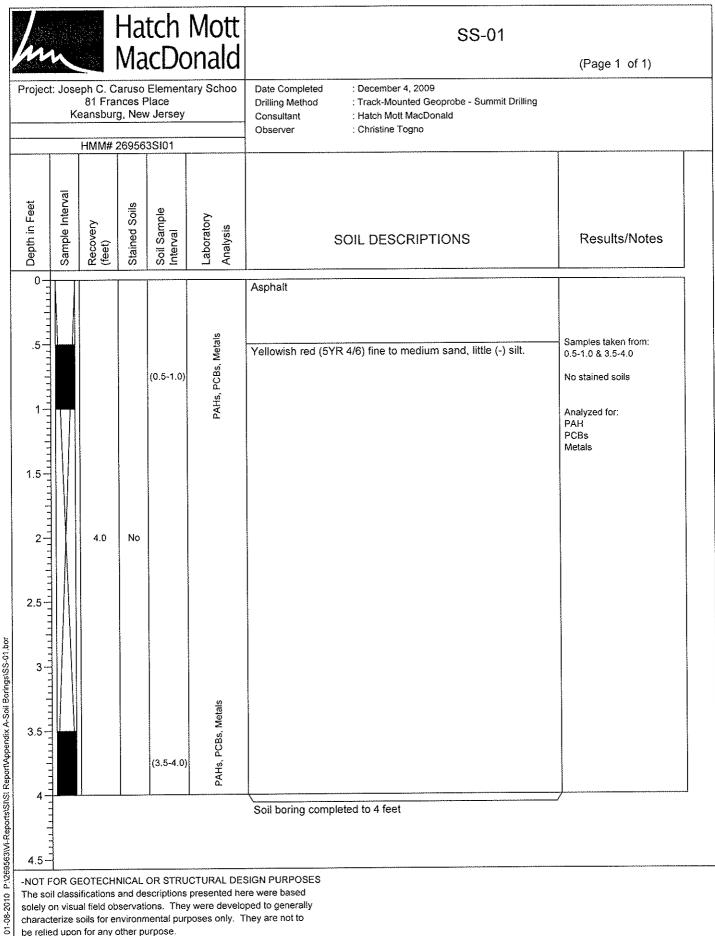


NEW JERSEY SCHOOLS DEVELOPMENT AUTHORITY

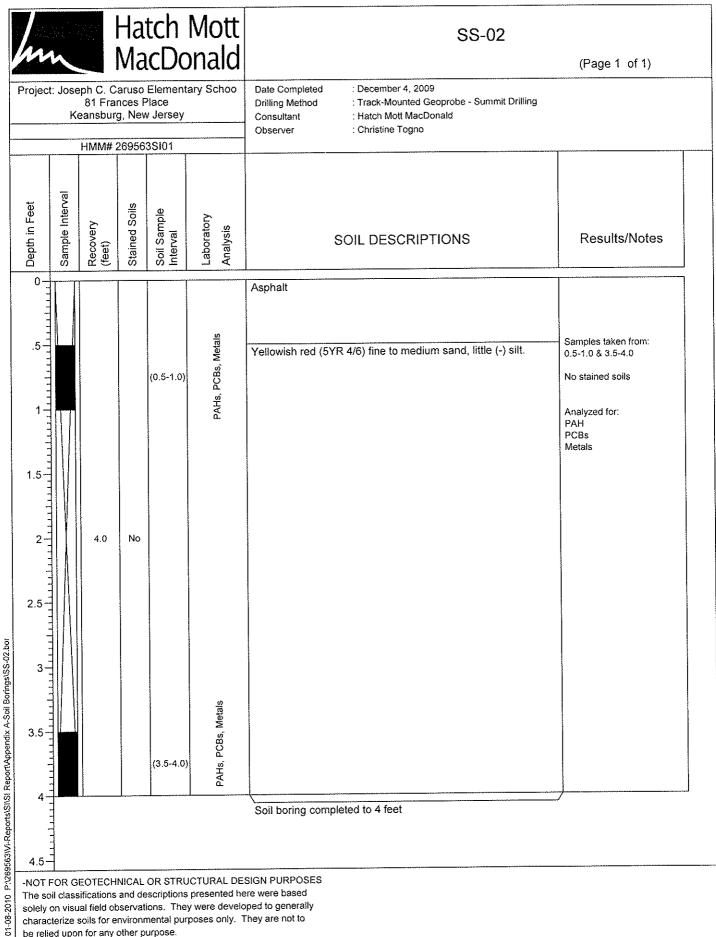
JOSEPH C. CARUSO ELEMENTARY SCHOOL FIGURE 4 - SAMPLE LOCATION MAP

27 Bleeker Street Millburn, New Jersey 07041

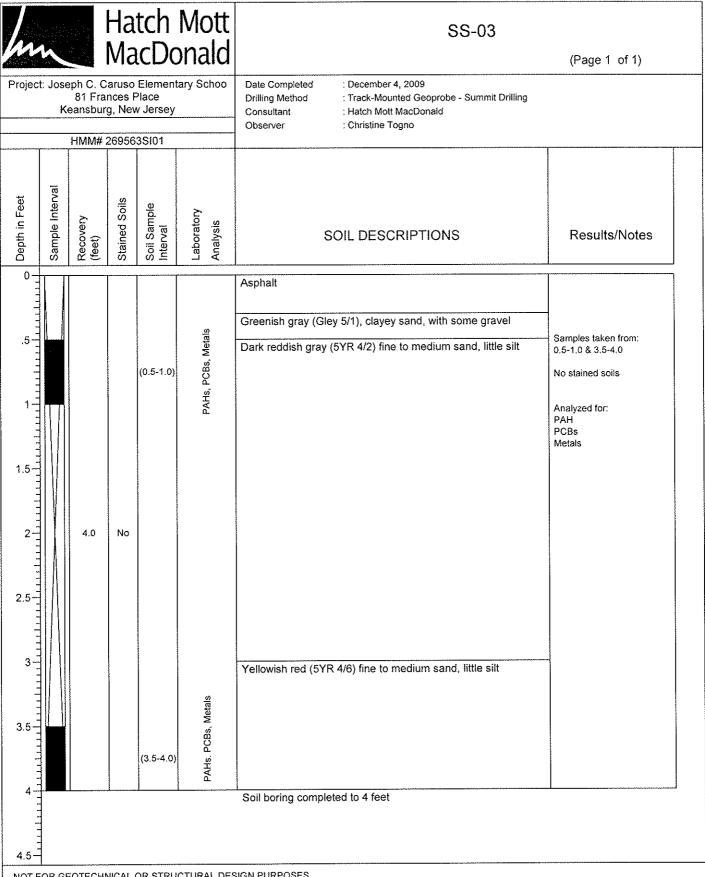




The soil classifications and descriptions presented here were based solely on visual field observations. They were developed to generally characterize soils for environmental purposes only. They are not to be relied upon for any other purpose.

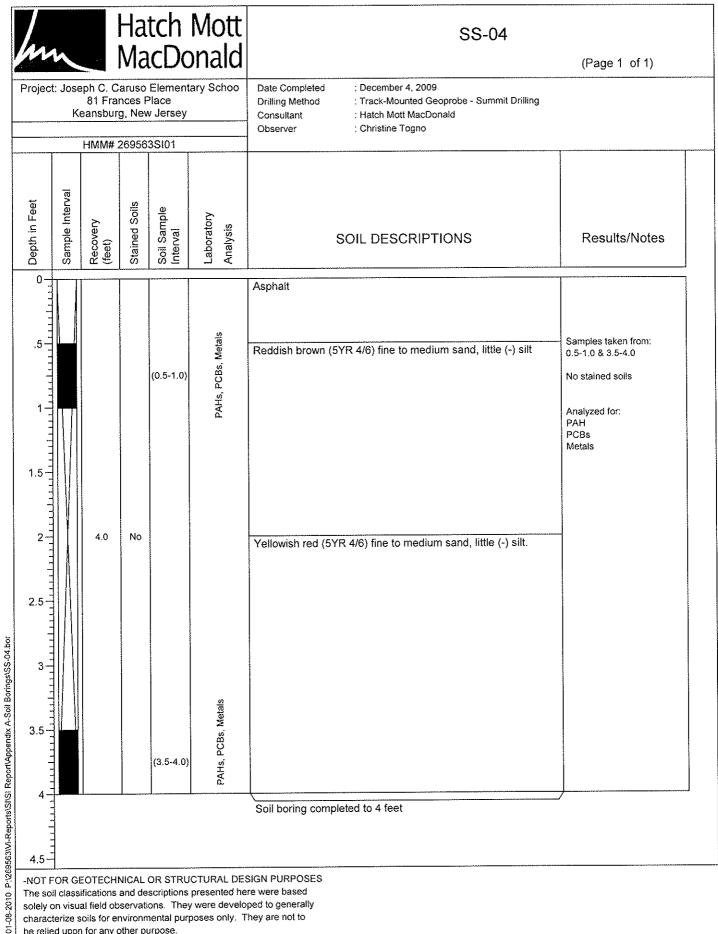


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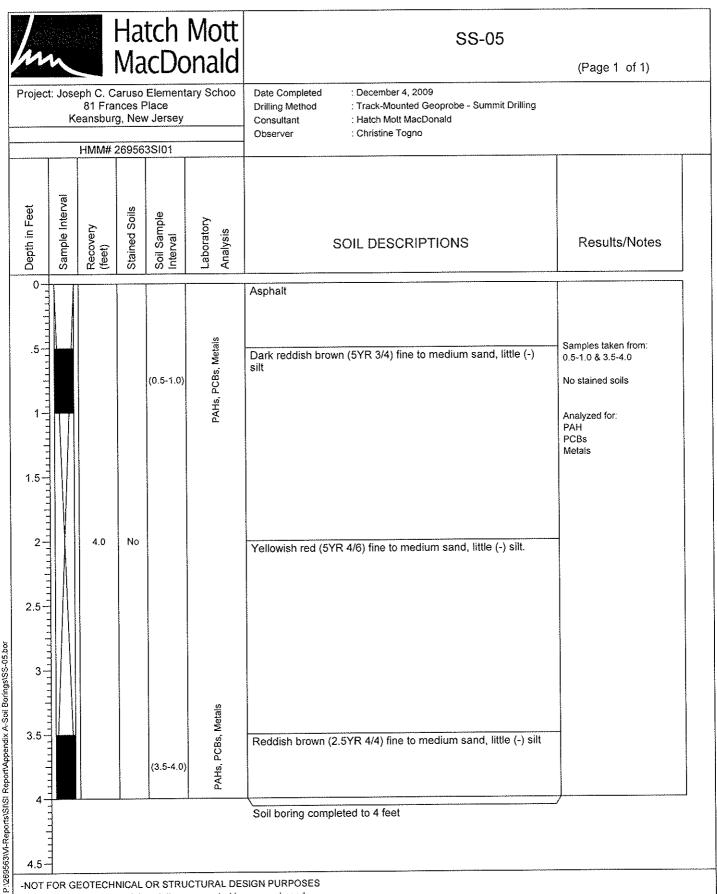


-NOT FOR GEOTECHNICAL OR STRUCTURAL DESIGN PURPOSES The soil classifications and descriptions presented here were based solely on visual field observations. They were developed to generally characterize soils for environmental purposes only. They are not to be relied upon for any other purpose.

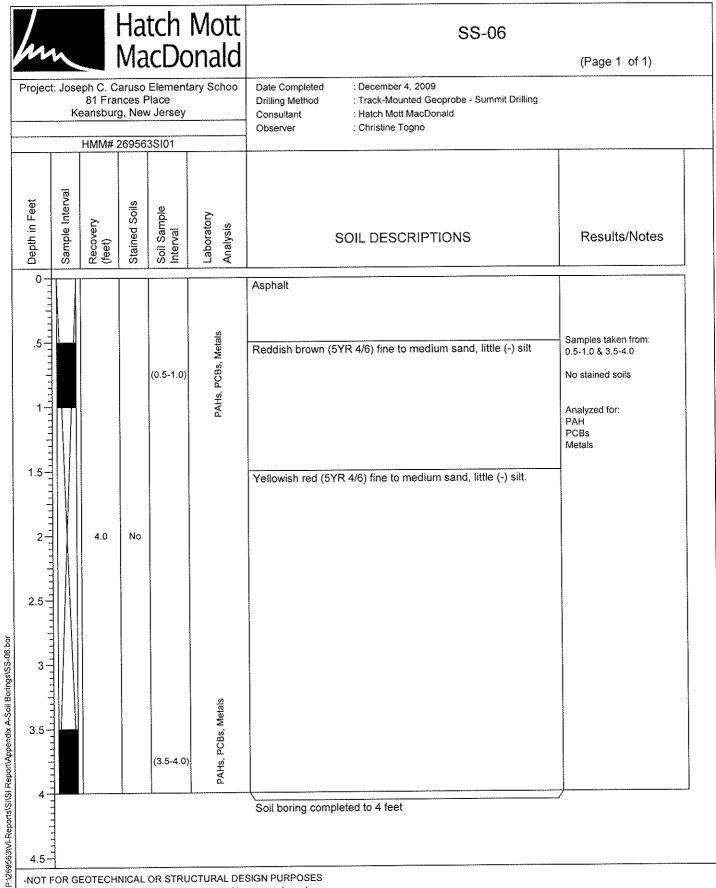
01-08-2010 P:\269563\Vf-Reports\S\\S\ Report\Appendix A-Soil Borings\SS-03.bor



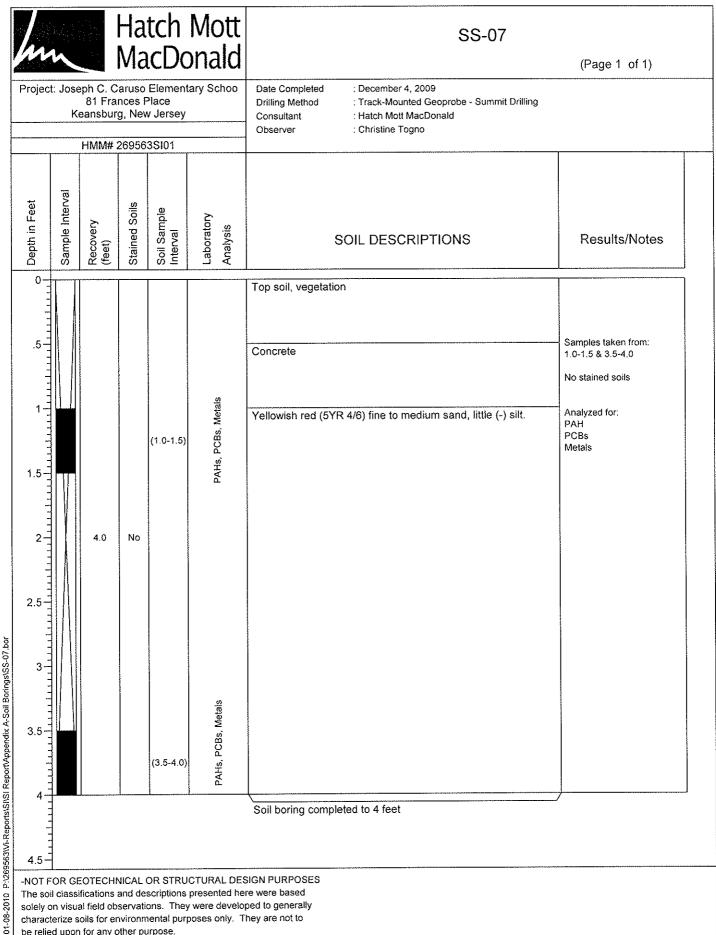
The soil classifications and descriptions presented here were based solely on visual field observations. They were developed to generally characterize soils for environmental purposes only. They are not to be relied upon for any other purpose.



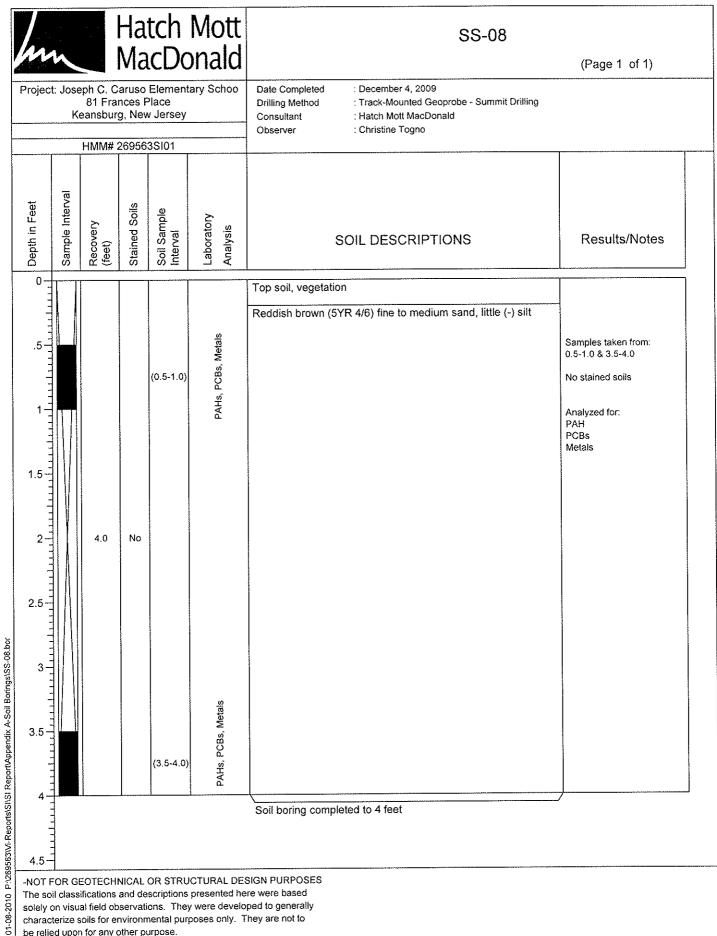
-NOT FOR GEOTECHNICAL OR STRUCTURAL DESIGN PURPOSES The soil classifications and descriptions presented here were based solely on visual field observations. They were developed to generally characterize soils for environmental purposes only. They are not to be relied upon for any other purpose.



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175 ROUTE 46 WEST, UNIT D. FAIRFIELD, NJ 07004 198 ROUTE 46 EAST, FAIRFIELD, NJ 07004 800-426-9992 - 973-244-9770 FAX: 973-244-9767

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# Project: SDA Caruso E.S,

Client PO: Not Available

Report To: Hatch Mott MacDonald

27 Bleeker Street Millburn, NJ 07041

Attn: C.Togno

Received Date: 12/4/2009

Report Date: 1/11/2010

Deliverables: NJDEP-R

Lab ID: AC48729

Lab Project No: 9120444

This report is a true report of results obtained from our tests of this material. All results meet the requirements of the NELAC Institute standards. In lieu of a formal contract document, the total aggregate liability of Veritech to all parties shall not exceed Veritech's total fee for analytical services rendered.

Jeri Rossi - Quality Assurance Director

OR

Stanley Gilewicz - Laboratory Director

(07071 and 07069)

(ELAP11408 and 11939)

(PH-0671)

USACE

(68-00463 and 68-04409) KY (90124)

WV (353)





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# Veritech Sample Key

11-Jan-10

Lah#	
Ladh	SampleID
AC48729-001	SS01-A
AC48729-002	SS01-B
AC48729-003	SS02-A
AC48729-004	SS02-B
AC48729-005	SS03-A
AC48729-006	SS03-B
AC48729-007	SS04-A
AC48729-008	SS04-B
AC48729-009	SS05-A
AC48729-010	SS05-B
AC48729-011	SS06-A
AC48729-012	SS06-B
AC48729-013	SS07-A
AC48729-014	SS07-B
AC48729-015	SS08-A
AC48729-016	SS08-B
AC48729-017	FB

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,	Date: /	11) Sampler				Anne III -	The state of the s
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S	Notes, Special Requirements, HAZARDS	Comments, Notes, Spec	Time	Date	Accepted By	3y.	10) Refinquished By:
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				6753		2002	800-
		X		098	SOF	1-7082	707
				272		8008-A	1006
				375	S	8-232x	23
				F CO		8802-8	1200-
				2 2		4-1300	200-
				500	7	8818	-8%
		X X .	K K	TEMPOROSON		4-10M	-001
Other:_	None MeOH Encore NaOH HCI H2SO4 HNO3	7/84///	Com Grab	(5) Sample Date Time	Malrix Malrix	A) Customer Sample ID	Lab Sample#
Comments	# Of Bottles		oosite (G)	Ot-Olher	SL-Sludge O-Oil	GW-Ground Water WW-Waste Water	AC48729
Bottle Numbers		/世/ピMM	(C)	A-Air	Matrix Codes: S-Soil	DW-Drinking Water	Batch#
(9) Methanol		The same	Sample			Philiphile and the second and the second (April 18 mile) and the second	-85
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Please check w	Expedited TAT Not always available (Please check with lab)!		4	***************************************	AND THE PERSON OF THE PERSON O	***************************************	
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PA Equis Equis	72-Hour (50%) (Red-NJ/NY/PA	DE WAT KENT TAMSE	20) Project Manager.				Address:
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าเร(please	Recarding Rec	KY# 90124	/68-04409 WV	11939 PA# 68-463	NY/ELAP# 11408/	NELAC/NJ# 07071/07069 CT# PH-0671 NY/ELAP# 11408/11939 PA# 68-463/58-04409 WV# 353	VELAC/NJ# 07071
Page	1458 TOJECTAL LAB USE CRITY	07004 Fax: 973-439-1458	eld. New Jersey	East, 1st Floor, Fairf	004 & 198 Route 45	175 US Hwy 46 West, Feirfield. New Jersey 07004 & 198 Route 45 East, 1st Floor, Fairfield. New Jersey 07004	75 US Hwy 46 Wes
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	HCI H2SO4 HNO3	None MeOl- Encor NaOl-				Grab	Sample E		Warnix Warnix	4) Customer Sample ID	l.ab Sample#
Comments		e at					***************************************	0.0	StSludge O-Oil	GW-Ground Water WW-Waste Water	4548789
(If applicable)	<u> </u>				47/和	<u> </u>		A-Air	Matrix Codes: S-Soil	DW-Drinking Water	Batch#
9) Methanol				Q / /		Type	6		A THE REAL PROPERTY OF THE PARTY OF THE PART	The state of the s	
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	TO THE REAL PROPERTY OF THE PR		Request	7) Analysis F			amanyenesses es estado para gual de estado esta		CARRACTOR		
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Excel-PAActII	Full/Cat-B Cat-A	1-Week(25%)		KR Z C	- Bowe	2C) Location (City/State):	A			)#h:	1b) Email/Cell/Fax/Ph:
Excel-NICC Excel-Nytagm	REG-NJ/NY/PA	72-Hour (50%) 4 Day (TPH)	E. P.		-	2b) Project Manager					ndu ess
Equis Csv	Data Sum Waste	24-Hour(100%) 48-Hour(75%)		THE STATES	No Pil	2a) Project: NY	*	Control of the Contro		東北京	1a) Customer
Electronic Deliv	Report type	Turnaround Time	Lange and the second se	Project Information	Project I				Customer Information	Custom	
lease circle)	equirements(pl	<ol><li>Reporting Requirements(please circle</li></ol>		NY# 90124	PA# 68-463/68-04409 WV# 353 KY# 90124	4# 68-463/68-C		IY/ELAP# 1	MA# NJ386 N	VELAC/NJ# 07071/07069 CT# PH-0671 MA# NJ386 NY/ELAP# 11408/11939	ELAC/NJ# 07071
Page /_ of _		-9992 Frojecia (Lab Use Chiy) 9-1458	Fax: 973-439-1458	)04 : : :	I, New Jersey 070	Init 50A, Fairfield	nue. Building 3, U	miffeld Aver	)7004 & 1275 Bloc	Wesselect in Lord teather of the transport in the Indiana Building 3, Unit 50A, Fairfield, New Jersey 07004 & 1275 Bloomfield Avenue. Building 3, Unit 50A, Fairfield, New Jersey 07004	75 US Hwy 46 Wes
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#### **CONDITION UPON RECEIPT**

Batch Number AC48729 Entered By: children Date Entered 12/4/2009 5:52:00 PM 1 Yes Is there a corresponding COC included with the samples? 2 Yes Are the samples in a container such as a cooler or ice chest? Are the COC seals intact? 3 Yes 4 Yes Please specify the Temperature inside the container (in degC) 3.9 5 Yes Are the samples refrigerated (where required)/have they arrived on ice? 6 Yes Are the samples within the holding times for the parameters listed on the COC? IF no, list parameters and 7 Yes Are all of the sample bottles intact? If no, specify sample numbers broken/leaking 8 Yes Are all of the sample labels or numbers legible? If no specify: 9 Yes Do the contents match the COC? If no, specify 10 Yes is there enough sample sent for the analyses listed on the COC? If no, specify: 11 Yes Are samples preserved correctly? 12 NA Are all soils preserved in methanol accompanied by dry soil?

13 NA

14 NA

Other comments ... Specify

Corrective actions (Specify item number and corrective action taken).

## PRESERVATION DOCUMENT

Batch Number AC48729

Entered By: children

Date Entered 12/4/2009 5:52:00 PM

Lab#:	Container Siz	Container Typ	Paramete	Preservative	PH	
AC48729-001	NA	NA	NA	NA	NA	
AC48729-002	NA	NA	NA	NA	NA	
AC48729-003	NA	NA	NA	NA	NA	
AC48729-004	NA	NA	NA	NA	NA	
AC48729-005	NA	NА	NA	NA	NA	
AC48729-006	NA	NA	NA	NA	NA	
AC48729-007	NA	NA	NA	NA	NA	
AC48729-008	NA	NA	NA	NA	NA	
AC48729-009	NA	NA	NA	NA	NA	
AC48729-010	NA	NA	NA	NA	NA	
AC48729-011	NA	NA	NA	NA	NA	
AC48729-012	NA	NA	NA	NA	NA	
AC48729-013	NA	NA	NA	NA	NA	
AC48729-014	NA	NA	NΛ	NA	NA	
AC48729-015	NA	NA	NA	NA	NA	
AC48729-016	NA	NA	NA	NA	NA	
AC48729-017	1L	P	METALS	HNO3	1	

		1	11			**************************************	1			T		Υ	**************************************
			Loc	Bot	Α/	A CARLON AND A CAR	1	1		Loc	Dat	٨,	
	Lab#:	DateTime:	User		3	Analysis		Lab#:	DateTime:	or User	Bot Nu	A/ M	Analysis
	AC46729-001	12/04/09 16:50	CHILD	*****	м	Received	<u> </u>	AC48729-007	12/07/09 07,32	TSDL	i	A	
	AC48729-061	12/04/09 17:52	CHILD	i	M	Login	]	AC48729-007	12/08/09 10:14	%SOLI	l .	M	mixing of:
	4048729-001	12/04/09 18;58	1	1	Α	NONE	Ì	AC48725-007	12/08/09 11:10	R12	1	A	NONE
į	AC48729-001	12/07/09 07:32		1	A	mixing	ŀ	AC48729-007	12/09/09 07:56	OA	,	A	tdsi/hg
البر	AC48729-001	12/08/09 09:53		1	A	pb		AC48729-007	12/09/09 12:52		1	A	NONE
	AC48729-001	12/08/09 09:55	R12	1	iΑ	NONE		AC48729-007	12/17/09 09:49	JOLV	:	A	6,BN
Ċ	AC48729-001	12/09/09 07:58	ÐΑ	1	Α	tasi/ng		AC48729-007	12/17/09 10:47		1	A	NONE
	AC48729-001	12/09/09 12:52	R12	1	А	NONE	ĺ	AC48729-007	12/17/09 13:00	MANS	1	М	S,PCB
	4048729-001	12/16/09 09:50	MSL	1	A	ви	}	AC48729-007	12/17/09 13:45	R12	1	Д	NONE
	AC48729-001	12/16/09 13:04	R12	1	Α	NONE		AC48729-007	12/30/09 14:23	JS	1	Д	spip
	AC48729-001	12/17/03 13:00	MANSI	1	M	S,PCB		AC48729-007	12/30/09 15:48	R12	1	A	NONE
: 1	AC48729-001	12/17/09 13:45	R12	1	A	NONE		AC48729-008	12/04/09 16:50	CHILD	0	М	Received
ŀ	AC48729-002	12/04/09 16:50	CHILD	0	W	Received		AC48729-003	12/04/09 17:52	CHILD	0	M	Login
	AC48729-002	12/04/09 17:52	CHILD	0	VI	Login		AC48729-003	12/04/09 18:58	R12	1	Ą	NONE
	AC48729-002	12/04/09 18:58	₹12	1	ļA	NONE		AC48729-003	12/07/09 07:32	SDL	1	A	mixing
,	AC48729-002	12/07/09 07:32	SDL	1	A	mixinç		AC48729-003	12/08/09 10:14	%SOL	1	M	pb
i	AC48729-002	12/08/09 09:53	%SOLI	1	А	pb		AC48729-008	12/08/09 11:16	R12	1	A	NONE
	AC48729-002	12/08/09 09:55	R12	1	Α	NONE		AC48729-008	12/09/09 07:58	OA	1	Д	tdsi/hg
:	\C48729-002	12/09/09 07:58	1	1	A	tdsi/ng		AC48729-003	12/09/09 12:52	R12	1	Α	NONE
	AC48729-002	12/09/09 12:52	- <del></del>	1	A	NONE		AC48729-008	12/17/09 09:49	JOLA	1	Α	S.BN
- 1	AC48729-002	12/16/09 09:50	MSL	1	A	BN		AC48729-008	12/17/09 10:47	R12	1	Α	NONE
. !	AC48729-002	12/15/09 13:04	R12	1	A	NONE		AC48729-008	12/17/09 13:00	MANS	1	М	S,PCB
: :	AC48729-002	12/17/09 13:00	MANS		M	S,PCE		AC48729-008	12/17/09 13:45		1	A	NONE
	AC48729-002	12/17/09 13:45	3 3	1	A	NONE		AC48729-009	12/04/09 16:50	CHRLD		М	Received
	AC46729-003	12/04/09 16:50	CHILD	of errolmonaucus	М	Received		AC48729-009	12/04/09 17:52	CHILD		M	Login
- 1	AC48729-003	12/04/09 17:52	CHILD		M	Login		AC48729-009	12/04/09 18:58	1	1	Α	NONE
	AC48729-003	12/04/09 18:58	1 1	1	A	NONE		AC48729-009	12/07/09 07:32	1	1	Α	mixing
	AC48729-003	12/07/09 07:32	1 (	1	A	mixing		AC48729-009	12/08/09 10:14	%SOL	1	M	pb
	\C48729 003	12/08/09 09:53	%SOLI	1		pb		AC48729-009	12/03/09 11:16	R12	1	A.	NONE
1-	AC48729-003	12/08/09 09:55	R12	1	·>	NONE		AC48729-009	12/09/09 07:58	1	1	ļΑ	tdsi/ng
- 1	C48729-003	12/09/09 07:58	1 1			tdsi/hg		AC48729-009	12/09/09 12.52	1 1	ī	Α	NONE
	C48729-003 C48729-003	12/09/09 12:52	1	1	2 3	NONE		AC48729-009	12/17/09 09:49	1 1	1	Α	S,BN
- 1	C48729-003	12/16/09 09:50	MSL R12	1	£ .	BN		AC48729-009	12/17/09 10:47	1 1	1	Α	NONE
/	C48729-003	12/16/09 13:04		1	5 1	NONE		AC48729-009	12/17/09 13:00	MANS		М	S,PCB
i-	C48729-003	12/17/09 13:00 12/17/09 13:45	MANSI		+	S,PCB		AC48729-009	12/17/09 13:45		1	A	NONE
	C40: 29-003 C48729-004	12/04/09 16:50	1 1	1	A	NONE		AC48729-010	12/04/09 16:50	CHILD		M	Roccived
- 1	C48729-004	12/04/09 17:52	CHILD		1	Reseived		AC48729-010	12/04/09 17:52	CHILD		М	Login
- 1	C48729-004	12/04/09 18:58	( )	1	5 5	Login NCNE		AC48729-010	12/04/09 18:58	1 5	1	A	NONE
- 4	C48729-004	12/07/09 07:32	1 1	1		mixing		AC48729-010	12/07/09 07:32	<del></del>	1	A	mixing .
	C48729-004	12/08/09 10:14	%SOLI		+	pb		AC48729-010 AC48729-010	12/08/09 10:14	%SOL		M	ph
	C48729-004	12/08/09 11:16	1 1	1		NONE		AC48729-010 AC48729-010	12/08/09 11:16	1	1	A	NCNE
- 1	C48729-004	12/09/09 07:58		1	í .	idsi/hq		AC48729-010 AC48729-010	12/09/09 07:58		1	A	tdsi/ng
	C48729-004	12/09/09 12:52	1 1		2	NONE		AC48729-010 AC48729-010	12/09/09 12:52 12/17/09 09:49	{	4		NCNE
	C48729-004	12/17/09 09:49	1 1	1		S,BN		AC48729-010	12/17/09 10:47	JOLA R12	1		S,BN
}-	C48729-004	12/17/09 10:47		1	.f. warran	NONE		AC48729-010	12/17/09 13:00	MANS		A M	NONE S,PCB
- 5	C48729-004	12/17/09 13:00	MANSI	1		S.PCB		AC48729-010	12/17/09 13:45	5 m. m	1	A	NONE
. 3	C48729-004	12/17/09 13:45	R12		1	NONE		AC48729-011	12/04/09 16:50	CHILD			Received
ì	C48729-005	12/04/09 16:50	CHILD		i	Received		AC48729-011	12/04/09 17:52	CHILD		ì	Login
- (	C48729-005	12/04/09 17:52	CHILD		:	Login		AC48729-011	12/04/09 18:58	R12			NONE
- 5	C48729-005	12/04/09 18:58	R12	**********	J	NONE		AC48729-011	12/07/09 07 32	SDL			mixing
- 4	C48729-005	12/07/09 07:32	SDL		i i	mixing		AC48729-011	12/08/09 10 14	%SOLI			pb
- 7	.046729-005	12/08/09 10:14	%SOL		1 1	dq		AC48729-011	12/08/09 11 16	R12			NONE
	.048729-005	12/08/09 11.16	R12		1 3	NONE		AC48/29-011	12/09/09 07.58	CA			tdsi/hg
- 1	C48729-005	12/09/09 07:50	CA		: 1	tds//ng		AC48729-011	12/09/09 12 52	R12		_	NONE
i-	C48729-005	12/09/09 12.52	R12			NONE		AC48729-011	12/17/09 09 49	JOLA			S,EN
1	C48729-005	12/17/09 09 40	JOLA	-	1 1	G,BN		AC48729-011	12/17/09 10 47	R12			NONE
ļ	C48729-005	12/17/09 10:47	R12		: 2	NONE		AC48729-011	12/17/09 13:00	MANS			S,PCB
1,	C48729-005	12/17/09 13:00	MANSE	₹.	M	S,PCB		AC48729-011	12/17/09 13:45	R12			NONE
P	C48729-005	12/17/09 13:45	R12	1	A,	NONE		AC48729-012	12/04/09 16:50	CHILD	~~~	_	Received
Ä	C48729-006	12/04/09 16:50	CHILD	0	M	Received		AC48729-012	12/04/09 17:52	CHILD		M	Login
	C48729-006	12/04/09 17:52	CHILD	ß	M	Login		AC48729-012	12/04/09 18:5B	! 1	1		NONE
A	C48729-006	12/04/09 18:58	R12	ġ	:	NONE		AC18729-012	12/07/09 07:32				mixing
	C48729-006	12/07/09 07:32	SDL	1	A	mixing		AC48729-012	12/08/09 10:14	%SOL			pb
-	C48729-006	12/08/09 10:14	%SOLI	1	M.	pb		AC48729-012	12/08/09 11:16			**********	NONE
	C48729-006	12/08/09 11:16	R12	1	Δ	NONE		AC48729-012	12/09/09 07:58				tdsi/hg
	C48729-00E	12/09/09 07:58	OA	1	Α.	tdeling		AC48729-012	12/09/09 12:52				NOME
- 4	C48729-006	12/09/09 12:52	R12	1	Α	NONE		AC48729-012	12/17/09 09:49	JOLA	1	3	s,BN
	C48729-306	12/17/09 09:49		1	Α	S,BN		AC48729-012	12/17/09 10:47	i	1	- 1	NONE
سنر	C48729-306	12/17/09 10:47	R12	1		NONE		AC48729-012	12/17/09 13:00	MANSI	1	~~~	S.PCB
	C48729-306	12/17/09 13:00	MANS	1	M .	S,PCB ·		AC48729-012	12/17/09 13:45	R12		2	NONE
- La	C48729-006	12/17/09 13:45	R12	1	A	NONE		AC48729-013	12/04/09 16:50	CHILD	a į		Received
- 1		10104000 10400	CHILD	5	M	Received		AC48729-013	12/04/09 17:52	CHILD		i	Login
Α	C48729-007	12/04/09 16:50	CHILDI	٠ ,						w. 1124 W.			CONTRACT CON
A	C48729-007 C48729-007 C48729-007	12/04/09 17:52 12/04/09 18:58	CHILD	- 1	٠ .	Login		AC48729-013	12/04/09 18:58	R12	- 1	- 1	NONE

Samples marked as received are stored in coolers or refrigerator R12, or R24 at 4 deg C until Login

			Loc							Loc			
		- · · · · · · · · · · · · · · · · · · ·	or	Bot				a ta tt.	Data Tireas	or	Bot	, ,	0 a a busin
	Lab#:	DateTime:	User			Anaysis	<u></u>	_ab#:	DateTime:	User	NU	IVI .	Analysis
	AC46729-013	12/08/09 10:14	%SOLI	1	M	pt							
	AC48729-013	12/08/09 11:16	R12		G	NONE							
	AC48729-013	12/09/09 07:58	DA	1	Α	tdsi/hg							
	AC46729-013	12/09/09 12:52	R12	4	A	NONE							
. !	AC46729-013	12/17/09 09:49	JOLA	1	Α	S,BN							
	AC46728-013	12/17/09 10:47	R12	1	A	NONE							
	AC46729-013	12/17/09 13:00	MANS	1	М	SPCB							
	AC48729-013	12/17/09 13:45	R12	1	А	NONE							
	AC48729-014	12/04/09 16:50	CHILD	0	М	Received							
,	AC48729-014	12/04/09 17:52	CHILD	0	M	Login							
	AC48729-014	12/04/09 18:58	R12	1	Α	NONE							
	AC48729-014	12/07/09 07:32	SDL	1	Α	mixing							
	AC48729-014	12/08/09 10:14	%SOL	1	M	pb							
,	AC48729-014	12/08/09 11:16	R12	1	Α	NONE							
	AC48729-014	12/09/09 07:58	OA	1	A,	tdsi/hg							
:	AC48729-014	12/09/09 12:52	R12	1	Α	NONE							
٠.	AC48729-014	12/17/09 09:49	JOLA	1	A	S,BN							
	AC48729-014	12/17/09 10:47	R12	1	Α	NONE							
	AC48729-014	12/17/09 13:06	MANS	1	W.	S,PCB							
	AC48729-014	12/17/09 13:45	R12	1	Ą	NONE							
	AC48729-015	12/04/09 16:50	CHILD	0	V	Received							
	AC48729-015	12/04/09 17:52	CHILD	0	М	Login							
	AC48725-015	12/04/09 18:58	K12	1	Ą	NONE							
	AC48729-015	12/07/09 07:32	SDL	1	٩	mixing							
Ė	AC46725-015	12/08/09 10:14	%SOL	3	M	pb							
	AC48725-015	12/08/09 11:16	R12	1	Α	NONE							
	AC48725-015	12/00/09 07:58	OA	1	Α	tasiyna							
1.	AC48720-015	12/99/09 12:52		1	A	NONE							
	AC48729-015	12/17/09 09:49	JOLA	1	A	S,BN							
٠	AC48729-015	12/17/09 10:47	R12	1	A	NONE							
	AC48729-015	12/17/09 13:00	MANS		M	S,PCB							
	AC48729-015	12/17/09 13:45		1	A	NONE							
	AC48729-015	12/04/09 16:50	CHILD		M	Received							
٤, ,	AC48729-016	12/04/09 17:52	CHILD	1	M	Login							
	AC48729-016	12/04/09 18:58	;	1	A	NONE							
,	AC48729-016	12/07/09 07:32	<del>,</del>	1	A M	mixing							
	AC48729-016 AC48729-016	12/08/09 10:14 12/08/09 11:16	%\$OL R12	1	A	NONE							
	AC48729-016	12/09/09 07:58		1	A	ldsi/ng							
	AC48729-016	12/09/09 12:52		1	A	NONE							
	AC48729-016	12/17/09 09:49	3	1	A	S,BN							
	AC48729-016	12/17/09 10:47	R12	1	A	NONE							
	AC48729-016	12/17/09 13:00	MANS	1	M	S,PCB							
i	AC48729-016	12/17/09 13:45	R12	1	Α	NCNE							
	AC48729-017	12/04/09 16:50	CHILD		М	Received							
: "	AC48729-017	12/04/09 17:52	ÇHILD		i/i	Login							
	AC48729-017	12/04/09 18:58	R12	1	A	NCNE							
i.,,	AC48729-017	12/09/09 07:58	OA	3	Α	tdsi/ng							
	AC48729-017	12/09/09 12:52	R12	1	Α	NONE							
	AG48729-017	12/04/09 18:58	R12	2	Α	NONE							
1	AC48729-017	12/09/09 13:00	ABM	2	Α	PGB-AQ							
	AC48729-017	12/04/09 18:58	R12	3	Α	NONE							
	AC48729-017	12/04/09 18:55	R12	4	Α	NONE							
	AC46729-017	12/09/09 17:30	KALPE		Α	A-BNA							
( )	AC48729-017	12/04/05 18:58	R12	5	Α	NONE							

Lab#: AC48729-001	Sample	ID: SS01-A
	Janupie	150" CCC 1-W

TestGroupName % Solids SM2540G Preparation Method: SM 2540G Analytical Method: SM 2540G

1	···	Ргер	}	Anal	
-	Analyte	Date	Ву	Date	Ву
	% Solids	12/07/09	intern	12/07/09	irtem

# TestGroupName Mercury (Soil/Waste) 7471A Preparation Method: EPA 7471A

Analytical Method: EPA 7471A

		Prep	)	Analysis		
	Analyte	Date	By	Date	Ву	
-	Mercury	12/C9/09	olufemi	12/10/09	JS	

### TestGroupName PAH Compounds 8270 Preparation Method: 3510C/3550B Analytical Method: EPA 8270C

	Prei	D	Anal	/sis
Analyte	Date	Ву	Date	Ву
Acenaphthene	12/16/09	marie	12/16/09	AHD
Acenaphthylene	12/16/09	marie	12/16/09	AHD
Anthracene	12/16/09	marie	12/16/09	AHD
Bonzo(a)anthracene	12/16/09	marie	12/16/09	AHD
Benzo[a]pyrene	12/16/09	marie	12/10/09	AHD
Benzo[b]fluoranthene	12/16/09	mario	12/16/09	AHID
Benzo(g,h,i)perylene	12/16/09	ต่าดท	12/16/09	AHD
Benzo[klfiuoranthene	12/16/09	marie	12/16/09	AHD
Chrysene	12/16/09	marie	12/16/09	AHD
Diberzo(a,h)anthracene	12/15/09	marie	12/16/09	AHD
Fluoranthene	12/13/09	marie	12/16/09	AHĐ
Pluorene	12/16/09	marie	12/16/09	AHD
Indeno[1,2,3-cc]pyrene	12/15/09	marie	12/16/09	AHD
Naphthalene	12/13/09	marie	12/16/09	AHD
Pheranthrene	12/16/09	marie	12/16/09	AHD
Pyrene	12/16/09	marie	12/16/09	AHD

#### TestGroupName PCB 8082 Preparation Method: EPA 3510 Analytical Method: EPA 8082

	Pre	)	Analy	/sis
Analyte	Date	Ву	Date	Ву
Aroclor (Total)	12/17/09	manslp	12/18/09	MS
Aroclor=1016	12/17/09	mansip	12/18/09	MS
Arocior-1221	12/17/09	mansip	12/18/09	MS
Aroclor-1232	12/17/09	mansip	12/18/09	MS
Araclor-1242	12/17/09	mansip	12/18/09	MS
Aroclor-1248	12/17/09	mansip	12/16/09	MS
Aroclor-1254	12/17/09	mansip	12/18/09	MS
Arocler-1260	12/17/09	qisnam	12/18/09	MS
Araclar-1262	12/17/09	mansip	12/18/09	MS
Araclar-1268	12/17/09	mansip	12/18/09	MS

### TestGroupName TAL Metals 6010 Preparation Method: 3005&10/3050 Analytical Method: EPA 6010B

Analytical metric		***************************************	Anal		
A market	Pre		Analy	-	
Analyte	Date	Ву	Date	Ву	
Aiuminum	12/09/08	olutemi	12/11/09	SRB	
Antimony	12/09/09	olufemi	12/11/09	SRB	
Arsenic	12/09/09	olutemi	12/11/09	SRB	
Barium	12/09/09	olufemi	12/11/09	SRB	
Beryllium	12/09/09	olufemi	12/11/09	SRB	
Cadmium	12/09/09	olufemi	12/11/09	SRB	
Calcium	12/09/09	olutemi	12/11/09	SRB	
Chromium	12/09/09	owemi	12/11/09	SRB	
Cobalt	12/09/09	owiemi	12/11/09	SRB	
Copper	12/09/09	oweni	12/11/09	SRB	
Iron	12/09/09	olufemi	12/11/09	SRB	
Lead	12/09/09	olufemi	12/11/09	SRB	
Magnesium	12/09/09	outem	12/11/09	SRB	
Manganese	12/09/09	olufemi	12/11/09	SKB	
Nickel	12/09/09	olutemi	12/11/09	SRB	
Potassium	12/09/09	o uferni	12/11/09	SRB	
Solonium	12/09/09	oufemi	12/11/09	SRB	
Silver	12/09/09	olutemi	12/11/09	SRB	
Sodium	12/09/09	olufemi	12/11/09	SRB	
Thallium	12/09/09	oktemi	12/11/09	SRB	

#### Lab#; AC48729-001 Sample ID: SS01-A

L						
	Vanadium	12/09/09	olufemi	12/11/09	\$RB	_
	Zinc	12/09/09	olufemi	12/11/09	SRB	

#### Lab#: AC48729-002 Sample ID: SS01-B

# TestGroupName % Solids SM2540G Preparation Method: SM 2540G

Analytical Method: SM 2540G

	Prep	}	Anal	ysis	
Analyte	Date	Ву	Date	Ву	
% Solids	12/07/00	intern	12/07/09	intern	

# TestGroupName Mercury (Soil/Waste) 7471A Preparation Method: EPA 7471A

Analytical Method: EPA 7471A

	Pre	)	Analy	sis	
Analyte	Date	Ву	Date	Ву	
Mercury	12/09/09	olufemi	12/10/09	JS	

# TestGroupName PAH Compounds 8270 Preparation Method: 3510C/3550B Analytical Method: EPA 8270C

***************************************	Prep	)	Anal	ysis
Analyte	Date	Ву	Date	Ву
Acenaphthene	12/16/09	marie	12/16/09	AHD
Acenaphthy ene	12/16/09	marie	12/16/09	CHA
Anthracene	12/16/09	marie	12/16/09	AHD
Benzo(a)anthracene	12/16/09	marie	12/16/09	AHD
Benzo(a pyrene	12/16/09	marie	12/16/09	AHD
Benzo[b fluoranthene	12/16/09	marie	12/16/09	AHD
Benzo[g,h,i]peryiene	12/16/09	marie	12/16/09	AHD
Benzo[k]flucranthene	12/16/09	mane	12/16/09	AHD
Chrysene	12/16/09	merie	12/16/09	AHD
Dibenzola,hlantinacene	12/16/09	marie	12/16/09	AHD
Fluoranthene	12/16/09	marie	12/16/09	AHD
Fluorens	12/16/09	marie	12/16/09	AHD
indeno[1,2,3-cd]pyrene	12/16/09	marie	12/16/09	AHD
Naphtha ene	12/16/09	marie	12/16/09	AHD
Phenanthrene	12/16/09	marie	12/16/09	AHD
Pyrene	12/16/09	marie	12/16/09	AHD

#### TestGroupName PCB 8082 Preparation Method: EPA 3510 Analytical Method: EPA 8082

130 14 11 14 14 14 14 14 14 14 14 14 14 14	Prei	Prep		
Analyte	Date	Ву	Date	Ву
Arociar (Total)	12/17/09	mansip	12/18/09	MS
Aroclar-1016	12/17/09	mansip	12/18/09	MS
Arocior-1221	12/17/09	mansip	12/18/09	MS
Aroclor-1232	12/17/09	mansip	12/18/09	MS
Arpolor-1242	12/17/09	mansip	12/18/09	MS
Aroclor-1248	12/17/09	mansip	12/18/09	MS
Aroctor-1254	12/17/09	mansip	12/18/09	MS
Aroclor-1260	12/17/09	mansip	12/18/09	MS
Arodor-1262	12/17/09	mansip	12/18/09	MS
Aroclor-1268	12/17/09	mansin	12/18/09	MS

#### TestGroupName TAL Metals 6010 Preparation Method: 3005&10/3050 Analytical Method: EPA 5010B

Prep Analysis					
Analyte	Date	Ву	Date	Ву	
Alaminum	12/09/09	olufemi	12/11/09	SRB	
Antimony	12/09/09	olufemi	12/11/09	SRD	
Arsenic	12/09/09	olufomi	12/11/09	SRB	
Barium	12/09/09	olufemi	12/11/09	SRB	
Beryllium	12/09/09	olufemi	12/11/09	SRB	
Cadmium	12/09/09	olufemi	12/11/09	SRB	
Calcium	12/09/09	okriemi	12/11/09	SRB	
Chromium	12/09/09	olutemi	12/11/09	SRB	
Cobalt	12/09/09	olufemi	12/11/09	SRB	
Copper	12/09/09	olufemi	12/11/09	SRB	
iren	12/09/09	olufemi	12/11/09	SRB	
Lead	12/09/09	olufemi	12/11/09	SRB	
Magnesium	12/09/09	olufemi	12/11/09	SFB	
Manganese	12/09/09	olufemi	12/11/09	SRB	
Nickei	12/09/09	olufemi	12/11/09	SRB	

_ab#; AC48729-002 Sample ID: SS01-B						
Polassium	12/09/09	alufemi	12/11/09	SRB		
Selenium	12/39/09	olutemi	12/11/09	SRB		
Silver	12/09/09	olufemi	12/11/00	SRB		
Socium	12/09/09	clufemi	12/11/09	SRB		
Theffium	12/09/09	olufemi	12/11/09	SRB		
Venadium	12/09/09	olulenti	12/11/09	SRB		
Zinc	12/09/09	olufemi	12/11/09	SRB		

#### Lab#: AC48729-003 Sample ID: SS02-A

# TestGroupName % Solids SM2540G Preparation Method: SM 2540G Analytical Method: SM 2540G

	Andrews Mothod. Col 2.	0.700				
•••		Prep	)	Anal	ysis	
	Analyte	Date	Ву	Date	Ву	
	% Solids	12/07/09	intern	12/07/09	intern	

## TestGroupName Mercury (Soil/Waste) 7471A Preparation Method: EPA 7471A Analytical Method: EPA 7471A

	Prep		Anal	sis
Analyte	Date	Ву	Date	Ву
Mercury	12/09/C9	alufemi	12/10/09	JS

## TestGroupName PAH Compounds 8270 Preparation Method: 3510C/3550B Analytical Method: EPA 8270C

	Prep			ysis
Analyte	Date	Ву	Date	Ву
Acenapathene	*2/16/09	marie	12/16/09	AHD
Acenaphthylene	12/16/00	marie	12/10/09	AHD
Anthracene	12/16/09	morie	12/16/09	AHD
Renzo[a]antoracene	12/16/09	marie	12/16/09	AHD
Benzo(a)pyrene	:2/16/09	maria	12/16/09	AHD
Benzo[b]fluoranthene	12/16/09	marie	12/16/09	AHD
Benzo(ç,h,i)perylene	12/16/09	marie	12/16/09	CHA
Benzo[k]fluoranthene	12/16/09	marie	12/16/09	CHA
Chrysene	12/16/09	marie	12/16/09	AHD
Dibenzoja,hjanthracene	12/16/09	marie	12/16/09	AHD
Fluoranthene	12/16/09	marie	12/16/09	AHD
Fluorene	12/16/09	marie	12/16/09	AHD
indeno[1,2,3-cd]pyrene	12/16/09	marie	12/16/09	CHA
Naphthalene	12/16/09	marie	12/16/09	AHD
Phenanthrene	12/16/09	marie	12/16/09	AHD
Pyrene	12/16/09	marie	12/16/09	AHD

## TestGroupName PCB 8082 Preparation Method: EPA 3510 Analytical Method: EPA 8082

	Prep		Analysis	
Analyte	Date	Ву	Date	Ву
Arocor (Total)	12/17/09	mansip	12/18/09	MS
Arociar-1016	12/17/09	manslp	12/18/09	MS
Arocior-1221	12/17/09	nensip	12/18/09	MS
Areciar-1232	12/17/09	mansip	12/16/09	MS
Aroclor-1242	12/17/09	mansip	12/18/09	MS
Araciar-1248	12/17/09	mansip	12/18/00	MS
Arocior-1254	12/17/09	qianam	12/18/09	MS
Arocior-1260	12/17/09	mansip	12/18/09	MS
Araclor-1262	12/17/09	mansip	12/18/09	MS
Aroclar-1268	12/17/09	mansip	12/18/09	MS

## TestGroupName TAL Metals 6010 Preparation Method: 3005&10/3050 Analytical Method: EPA 6010B

	Prep		Anal	/sis
Analyte	Date	Ву	Dat∈	Ву
Aluminum	12/09/09	olufemi	12/11/09	SRB
Antimony	12/09/09	olufemi	12/11/09	SRB
Arsenic	12/09/09	olutemi	12/11/09	SRB
Barium	12/09/09	olufemi	12/11/09	SRB
Beryllium	12/09/09	olufemi	12/11/09	SRB
Cadmium	12/09/09	clufemi	12/11/09	SRB
Calcium	12/09/09	olufemi	12/11/09	SRB
Chromium	12/09/09	olufemi	12/11/09	SRB
Cobalt	12/09/09	olufemi	12/11/09	SRB
Capper	12/09/09	olufemi	12/11/09	SRB

_ab#; AC48729-003 Sample ID: SS02-A						
ron	12/09/09	olu/emi	12/11/09	SRB		
Lead	12/09/09	olutemi	12/11/09	ŞRB		
Magnesium	12/09/09	olutemi	12/11/09	SRB		
Manganese	12/09/09	olufemi	12/11/09	SRS		
Nicke!	12/09/09	pluferni	12/11/09	SRE		
Potassium	12/09/09	olufemi	12/11/09	SRB		
Selenium	12/09/09	olulemi	12/11/08	SRS		
Silver	12/69/09	olulemi	12/11/08	SRE		
Sodium	12/09/09	olutom:	12/11/00	sna		
Thailism	12/09/C9	olufemi	12/11/09	SRB		
Vanadium	12/09/09	olutemi	12/11/09	SRE		
Zinc	12/09/09	olufemi	12/11/09	SRE		

#### Lab#: AC48729-004 Sample ID: SS02-B

### TestGroupName % Solids SM2540G Preparation Method: SM 2540G Analytical Method: SM 2540G

	Prep	)	Anal	ysis	
Analyte	Date	Ву	Date	Ву	
% Solids	12/08/09	intern	12/08/09	intern	

# TestGroupName Mercury (Soil/Waste) 7471A Preparation Method: EPA 7471A Analytical Method: EPA 7471A

initing troot terottrou.					
	Pre		Analy	/SIS	
Analyte	Date	Ву	Date	Ву	
Mercury	12/09/09	olufarni	12/10/09	JS	

### TestGroupName PAH Compounds 8270 Preparation Method: 3510C/3550B Analytical Method: EPA 8270C

	Pre	p	Anai	ysis
Analyte	Date	Ву	Date	By
Agenophthone	12/17/09	JOLA W	12/17/09	AHD
Acenaphthylene	12/17/09	JOLA W	12/17/09	AHD
Anthracene	12/17/09	JOLA W	12/17/09	AHD
Renzojajanthracene	12/17/09	JOLA W	12/17/09	AHO
Benzojajpyrene	12/17/09	JOLA W	12/17/09	AHD
Benzo[b]fluorar there	12/17/09	JOLA W	12/17/09	AHD
Benzo[g h,i]perylene	12/17/09	W AJCL	12/17/09	AHD
Benzo[k]fluoranthene	12/17/09	JOLA W	12/17/09	AHD
Chrysene	12/17/09	JOLA W	12/17/09	AHD
Dibenzo a hjanihracene	12/17/09	W AJCL	12/17/09	AHD
Fluorantnene	12/17/09	JOLA W	12/17/09	AHD
Fluorene	12/17/09	JOLA W	12/17/09	AHD
Indeno[1,2,3-od]pyrene	12/17/09	JOLA W	12/17/09	AHD.
Naphthalene	12/17/09	JOLA W	12/17/09	AHD
Phenanthrene	12/17/09	JOLA W	12/17/09	AHD
Pyrene	12/17/09	JOLA W	12/17/09	AHD

#### TestGroupName PCB 8082 Preparation Method: EPA 3510 Analytical Method: EPA 8082

1	Prep		Analysis	
Analyte	Date	Ву	Date	Ву
Aroclor (Total)	12/17/09	mansip	12/18/09	MS
Aroclor-1016	12/17/09	mansip	12/18/09	MS
Aroclor-1221	12/17/09	mansip	12/18/09	MS
Aroctar-1232	12/17/09	mansip	12/16/09	MS
Aroclor-1242	12/17/06	mansip	12/18/09	MS
Araclar-1248	12/17/09	mansip	12/18/09	MG
Aroclor-1254	12/17/09	mansip	12/18/00	MS
Aroclor-1260	12/17/09	mansip	12/18/09	M8
Araclor-1262	12/17/09	mansip	12/18/69	MS
Aroclor-1268	12/17/09	mansip	12/18/09	MS

# TestGroupName TAL Metals 6010 Preparation Method: 3005&10/3050 Analytical Method: EPA 6010B

mininguou meuroa	. LI / JUI (UD			
	Pres	)	Analysis	
Analyte	Date	Ву	Date	Ву
Aluminum	12/09/09	olufemi	12/11/09	SRB
Antimony	12/09/09	olufemi	12/11/09	SRB
Arsenic	12/09/09	olufemi	12/11/09	SRB
Barium	12/09/09	olufemi	12/11/09	SRB
Beryllium	12/09/09	olufemi	12/11/09	SRB

Sodium

Thelium

Zinc

Vanadium

Lab#: AC48729-004 Sai	mple ID: SS02	2-₿			
Cadmium	12/09/09	olulem	12/11/09	SRB	_
Calcium	12/09/09	olulom	12/11/09	SRD	
Chromium	12/09/09	olutem.	12/11/09	SRE	
Cobalt	12/09/09	olufem:	12/11/09	SRB	
Copper	12/09/09	olufem	12/11/09	SRB	
iron	12/09/09	olufem	12/11/09	SRB	
Lead	12/09/09	alufem:	12/11/09	SRB	
Magnesium	12/09/09	olutem:	12/11/09	SRE	
Marganese	12/09/09	olufemi	12/11/09	SRE	
Nickel	12/09/09	olufemi	12/11/09	SRE	
Potassium	12/09/09	olutemi	12/11/09	SR€	
Selenium	12/09/09	olutemi	12/11/09	SRE	
Silver	12/09/09	olufemi	12/11/09	SRE	
Sodium	12/09/09	oluiemi	12/11/09	SRE	
Thailium	12/09/C9	olutemi	12/11/09	SRE	
Vanadium	12/09/09	oiutemi	12/11/09	SRB	
Zinc	12/09/09	olufemi	12/11/09	SRB	

#### Lab#: AC48729-005 Sample ID: SS03-A

TestGroupName % Solids SM2540G Preparation Method: SM 2540G Analytical Method: SM 2540G

		Prep		Analysis	
	Analyte	Date	Ву	Date	Ву
	% Solids	12/08/09	intern	12/08/09	irtem

# TestGroupName Mercury (Soil/Waste) 7471A Preparation Method: EPA 7471A

Analytical Method: EPA 7471A

	Prep		Analysis Date By	
Analyte	Date	Ву	Date	Ву
Mercury	12/09/09	oluferni	12/10/09	JS

#### TestGroupName PAH Compounds 8270 Preparation Method: 3510C/3550B Analytical Method: EPA 8270C

	Pre	p	Anal	ysis	
Analyte	Date	Ву	Date	Ву	
Acenaphthene	12/17/09	JOLA W	12/17/09	AHD	
Acenaphthylene	12/17/09	JOLA W	12/17/09	AHD	
Anthracene	12/17/09	JOLA W	12/17/09	AHD	
Benzo[a]anthracene	12/17/09	JOLA W	12/17/09	AHD	
Benzo[a]pyrene	12/17/09	JOLA W	12/17/09	AHD	
Benzo[b]fluorantherie	12/17/09	JOLA W	12/17/09	AHD	
Benzo[g,h,i]perylene	12/17/09	JOLA W	12/17/09	AHD	
Benzolklituoranthene	12/17/09	JOLA W	12/17/09	AHD	
Chrysene	12/17/09	JDLA W	12/17/09	AHD	
Dibenzo(a,h)anthracene	12/1//09	JDLA W	12/17/09	AHD	
Fluoranthere	12/17/09	JOLA W	12/17/09	AHD	
Fluorene	12/17/09	JOLA W	12/17/09	AHD	
Indeno[1,2,3-od]pyrene	12/17/09	JOLA W	12/17/09	AHD	
Naphthalene	12/17/09	JOLA W	12/17/09	AHD	
Phenanthrono	12/17/09	JOLA W	12/17/09	AHD	
Pyrene	12/17/09	JOLA W	12/17/09	AHD	

## TestGroupName PCB 8082 Preparation Method: EPA 3510 Analytical Method: EPA 8082

The second secon	Pre	Prep		/sis
Analyte	Date	Ву	Date	Ву
Aroc or (Total)	12/17/09	mansip	12/18/09	MS
Arocior-1016	12/17/09	mansip	12/18/09	MS
Aroclor-1221	12/17/09	mansio	12/18/09	MS
Aroclor-1232	12/17/09	mensip	12/18/09	MS
Aroclor-1242	12/17/09	mansip	12/18/09	MS
Aroclor-1248	12/17/09	mansip	12/18/09	MS
Aroclor-1254	12/17/09	mansip	12/18/09	MS
Aroclor-1260	12/17/09	mansip	12/18/09	MS
Arodor-1262	12/17/09	mansip	12/18/09	MS
Aroclor-1268	12/17/09	mansip	12/18/09	MS

TestGroupName TAL Metals 6010 Preparation Method: 3005&10/3050

Analytical Method: EPA 60	10B			
	Pre	p	Ana	lysis
Analyte	Date	Ву	Date	Ву

Aluminum	Sample ID: SS03	olufemi	12/11/09	SRB
Antimony	12/09/09	olufemi	12/11/09	SRB
Arsenic	12/09/09	əlufemi	12/11/09	SRB
Barium	12/09/09	olulemi	12/11/09	SRB
Beryllium	12/09/09	olufemi	12/11/09	SRB
Cadmium	12/00/09	płutemi	12/11/09	ere
Calcium	12/09/09	əlufəmi	12/11/09	SRE
Chromium	12/09/09	olufemi	12/11/09	SRB
Cobalt	12/09/09	olufemi	12/11/09	SRB
Copper	^2/09/09	olufemi	12/11/09	SRB
ron	12/09/09	olufemi	12/11/09	SRB
Lead	12/09/09	olufemi	12/11/09	SRB
Magnesium	12/09/09	olufemi	12/11/09	SRB
Manganese	12/09/09	olufemi	12/11/09	SRB
Nickel	12/09/09	olufemi	12/11/09	SRB
Potassium	12/09/09	olufami	12/11/09	SRB
Selenium	12/09/09	olufemi	12/11/09	SRB
Silver	12/09/09	olufemi	12/11/09	SRB

12/09/09

12/09/09

12/09/09

12/09/09

olufemi

olufami

olufemi

alufami

12/11/09

12/11/09

12/11/09

12/11/09

SRB

SRB

SRB

SRB

#### Lab#; AC48729-006 Sample ID; SS03-B

TestGroupName % Solids SM2540G Preparation Method: SM 2540G Analytical Method: SM 2540G

	Prep		Analysis	
Analyte	Date	Ву	Date	Ву
% Solids	12/06/09	intern	12/08/09	intern

# TestGroupName Mercury (Soil/Waste) 7471A Preparation Method: EPA 7471A

Analytical Method: EPA 7471A

	Prej	)	Analy	/sis
Analyte	Date	Ву	Date	Ву
Mercury	12/09/09	olufemi	12/10/09	JS

#### TestGroupName PAH Compounds 8270 Preparation Method: 3510C/3550B Analytical Method: EPA 8270C

	Pre	Prep		ysis
Analyte	Date	Ву	Date	Ву
Acenaphthene	12/17/09	W AJCL	12/17/09	A-ID
Acenaphthylene	12/17/09	JOLA W	12/17/09	AHD
Anthracene	12/17/09	JOLA W	12/17/09	AHD
Benzo[a]anthracene	12/17/09	JOLA W	12/17/09	AHD
Benzola pyrane	12/17/09	JOLA W	12/17/09	AHD
Benzolo fluoranthene	12/17/09	JOLA W	12/17/09	AHD
Benzolg,h,ilperylene	12/17/09	JOLA W	12!17/09	AHD
Benzo[k]flucranthene	12/1/709	JOLA W	12/17/09	AHD
Chrysene	12/17/09	JOLA W	12/17/09	AHD
Dibenzoja,hjanthracene	12/17/09	JOLA W	12/17/09	AHD
Fluoranthens	12/17/09	JOLA W	12/17/09	AHD
l'iuorene	12/17/09	JOLA W	12/17/09	AHD
Indono[1,2,3-cd]pyrene	12/17/09	JOLA W	12/17/09	AHD
Naphtholone	12/17/09	JOLA W	12/17/09	AHD
Phenanthrene	12/17/09	JOLA W	12/17/09	AHD
Pyrene	12/17/09	JOLA W	12/17/09	AHD

#### TestGroupName PCB 8082 Preparation Method: EPA 3510 Analytical Method: EPA 8082

	Prep		Analysis	
Analyte	Date	Ву	Date	By
Aroclor (Total)	12/17/09	mansip	12/18/09	MS
Aroclor-1016	12/17/09	mansip	12/18/09	MS
Aroclor-1221	12/17/09	mansip	12/18/09	MS
Aroclor-1232	12/17/09	mansip	12/18/09	MS
Araclar-1242	12/17/09	mansip	12/18/09	MS
Aroclor-1248	12/17/09	mansip	12/18/09	MS
Aroclor-1254	12/17/09	mansip	12/18/09	MS
Aroclor-1260	12/17/09	mansip	12/18/09	MS
Aroclor-1262	12/17/09	mansip	12/18/09	MS
Aroclor-1268	12/17/09	mansip	12/18/09	MS

#### Lab#: AC48729-006 Sample ID: SS03-B

TestGroupName TAL Metals 6010 Preparation Method: 3005&10/3050 Analytical Method: EPA 6010B

	Pre	)	Analy	/sis
Analyte	Date	Ву	Date	Ву
Aluminum	12/39/09	olulemi	12/11/09	SRB
Antimony	12/09/09	olufemi	12/11/09	SRB
Arsenic	12/09/09	olufemi	12/11/09	SRB
Barium	12/09/09	olu'emi	12/11/09	SRB
Beryllium	12/09/09	olu emi	12/11/09	SRB
Caemium	12/09/09	olutem	12/11/09	SRB
Catolum	12/09/09	olutemi	12/11/09	SRB
Chromiam	12/09/09	olu emi	12/11/09	SRB
Cobaft	12/09/09	olufemi	12/11/09	SRB
Copper	12/09/09	olufemi	12/11/09	SRB
Iron	12/09/09	glulemi	12/11/09	SRB
Lead	12/09/09	olulemi	12/11/09	SRB
Magnesium	12/09/09	ołufemi	12/11/09	SRB
Manganese	12/09/00	alufemi	12/11/09	SRB
Nickel .	12/09/09	alutem	12/11/09	SRB
Potassium	12/09/09	alu(em	12/11/09	SRB
Selenium	12/09/09	olutem	12/11/09	SR8
Silver	12/09/09	olutem	12/11/09	SRB
Sodium	12/09/09	aluíem	12/11/09	SRB
Thallium	12/09/09	oluiem:	12/11/09	SRB
Vanadium	12/09/09	olutemi	12/11/09	SRE
Ziric	12/09/C9	olufemi	12/11/09	SRE

#### Lab#: AC48729-007 Sample ID: SS04-A

TestGroupName % Solids SM2540G Preparation Method: SM 2540G Analytical Method: SM 2540G

	Prep		Anal		
Analyte	Date	Ву	Date	Ву	
% Solids	12/08/09	intern	12/08/09	intern	

# TestGroupName Mercury (Soil/Waste) 7471A Preparation Method: EPA 7471A

Analytical Method; EPA 7471A

	Pres	Prep		ysis		
Analyte	Date	Ву	Date	Ву		
Mercury	12/09/09	ાડાકામાં	12/10/09	JS	•	

#### TestGroupName PAH Compounds 8270 Preparation Method: 3510C/3550B Analytical Method: EPA 8270C

- Colonia Colonia Diagram	Pre	p	Anai	ysis
Analyte	Date	Ву	Date	Ву
Acenaphthene	12/17/09	'A' A JOL	12/17/09	AHD
Acenaphthylene	12/17/03	JOLA W	12/17/09	AHD
Anthracene	12/17/09	JOLA W	12/17/09	AHD
Benzo(a)anthracene	12/17/03	JOLA W	12/17/09	AHD
Benzo[s]pyrene	12/17/09	JOLA W	12/17/09	AHD
Benzo(b)fluoranthene	12/17/09	JOLA W	12/17/09	AHD
Senzo(g,h,i)perylene	12/17/09	JOLA W	12/17/09	AHD
Benzojkjfluoranthene	12/17/09	W AJOL	12/17/09	AHO
Chrysene	12/17/09	JOLA W	12/17/09	AHD
Dibenzcja,h]anthracena	12/17/09	JOLA W	12/17/09	AHD
Fluoranthene	12/17/09	JOLA W	12/17/09	AHD
Fluorene	12/17/09	JOLA W	12/17/09	AHD
Indeno[1,2,3-cd]pyrene	12/17/09	JOLA W	12/17/09	AHD
Naphthelene	12/17/09	JOLA W	12/17/09	AHD
Phenanthrene	12/17/09	JOLA W	12/17/09	AHD
Fyrene	12/17/09	JOLA W	12/17/09	AHD

## TestGroupName PCB 8082 Preparation Method: EPA 3510 Analytical Method: EPA 8082

	Prei	Prep		/sis
Analyte	Date	Ву	Date	Ву
Araciar (Total)	12/17/09	mansip	12/10/09	MS
Arocior-1016	12/17/09	mensip	12/18/09	MS
Arocior-1221	12/17/09	mansip	12/18/09	MS
Arocior-1232	12/17/09	mansip	12/18/09	MS
Arocior-1242	12/17/09	mansip	12/18/09	MS
Aroc.or-1248	12/17/09	mansip	12/18/09	MS

Lab#: AC48729-007 Sample ID: SS04-A							
Aroclor-1254	12/17/09	Hist taip	12/18/09	MS			
Aroclor-1260	12/17/09	mansip	12/18/09	MS			
Arocior 1262	12/17/09	mansip	12/18/09	MS			
Arnelog 1268	12/17/09	mansin	12/18/09	MA			

TestGroupName pH (S) Preparation Method: Si Analytical Method: Si	M4500-H+B00	)0)		
	Pret	)	Anal	ysis
Analyte	Date	Ву	Date	Ву
SPLP PH	12/30/09	johns	12/31/09	johns

į	TestGroupName SPLP Metals 6010
	Preparation Method: 3005&10/3050
į	Analytical Method: EPA 6010B

	 Prej	Analysis		
Analyte	Date	Ву	Date	Ву
Manganese	 01/04/10	olufemi	01/04/1C	SRE

## TestGroupName SPLP Metals Extraction Preparation Method: EPA 1312 Analytical Method:

	Prep		Anai	ysis
Analyte	Date	Ву	Date	Ву
SPLP Wetals Extraction	12/30/C9	JS	NA	

## TestGroupName SPLP VOLUMES Preparation Method: NA Analytical Method: NA

		Prep		Analysis	
	Analyte	Date	Ву	Date	Ву
	SPL? Final Volume	12/20/09	johns	NA	
	SPLP Initial Weight	12/30/09	iohns	NA	

## TestGroupName TAL Metals 6010 Preparation Method: 3005&10/3050 Analytical Method: EPA 6010B

	Pre	Prep		/sis
Analyte	Date	Ву	Date	Ву
Aluminum	12/09/09	olufemi	12/11/09	SRB
Antimony	12/09/09	olufemi	12/11/09	SRB
Arsenic	12/09/09	olufemi	12/11/09	SRB
Barium	12/09/09	olufemi	12/11/09	SRB
Beryllium	12/09/09	olufemi	12/11/09	SRB
Cadmium	12/09/09	olufemi	12/11/09	SRB
Calcum	12/09/09	olutemi	12/11/09	SRB
Chramium	12/09/09	olufemi	12/11/09	SRB
Cobalt	12/09/09	alufemi	12/11/09	SRB
Copper	12/09/09	olufemi	12/11/09	SRB
Iron	12/09/09	olufemi	12/11/09	SRB
Lead	12/09/09	olufemi	12/11/09	SRB
Vlagnesium	12/09/09	olufemi	12/11/09	SRB
Manganese	12/09/09	olufemi	12/11/09	SRB
Nickel	12/09/09	oluterni	12/11/09	SRB
Potassium	12/09/09	olufemi	12/11/09	SRB
Selenium	12/09/09	olufemi	12/11/09	SRB
Silver	12/09/09	olufemi	12/11/09	SRB
Sodium	12/09/09	imstylo	12/11/09	SRB
Thallium	12/09/09	olufemi	12/11/09	SRB
Vanedium	12/09/09	olufomi	12/11/09	SRB
Zinc	12/09/09	olufemi	12/11/09	888

#### Lab#: AC48729-008 Sample ID: SS04-B

TestGroupName % Solids SM2540G Preparation Method: SM 2540G Analytical Method: SM 2540G

	Prep		Analysis		
Analyte	Date	Ву	Date	Ву	
% Sclids	12/08/09	intern	12/08/09	intern	_

# TestGroupName Viercury (Soil/Waste) 7471A Preparation Method: EPA 7471A

Analytical		Α
 	LOUI A POLICIPA DE LA PARENTA	 þ

		)	Analy	/sis
Analyte	Date	Ву	Date	Ву
Mercury	12/09/09	cluferni	12/10/09	18

#### Lab#: AC48729-008 Sample ID: SS04-B

TestGroupName PAH Compounds 8270 Preparation Method: 3510C/3550B Analytical Method: EPA 8270C

	Prep			/sis
Analyte	Date	Ву	Date	Ву
Acenaphthene	12/17/09	JOLA W	12/17/09	ÁHD
Acenaphthylene	12/17/09	JQLA W	12/17/09	AHD
Anthracene	*2/17/09	JOLA W	12/17/09	AHD
Benzo[s]anthrscene	12/17/09	JOLA W	12/17/09	AHD
Benzo[s]pyrene	12/17/09	JOLA W	12/17/09	AHD
Benzo[n]fluoranthene	12/17/09	JOLA W	12/17/09	AHD
Benzo[g,h,i]perylene	12/17/09	JOLA W	12/17/09	AHD
Benzo[k]fluoranthene	12/17/09	JOLA W	12/17/09	AHD
Chrysene	12/17/09	JOLA W	12/17/09	CHA
Dibenzo[a,h]anthracene	12/17/09	JOLA W	12/17/09	CHA
Fluoranthene	12/17/09	JOLA W	12/17/09	CHA
Fluorene	12/17/09	JOLA W	12/17/09	AHD
Indono[1,2,3-cd]pyrene	12/17/09	JOLA W	12/17/09	AHD
Naphihaione	12/17/09	JOLA W	12/17/09	AHD
Phenanthrene	12/17/09	JOLA W	12/17/09	AHD
Pyrene	12/17/09	JOLA W	12/17/09	OHA

TestGroupName PCB 8082 Preparation Method: EPA 3510 Analytical Method: EPA 8082

	Pre	Prep		/sis
Analyte	Date	Ву	Date	Ву
Arodor (Total)	12/17/09	mansip	12/18/09	MS
Arodor-1016	12/17/09	mansip	12/18/09	MS
Arodor-1221	12/17/09	mansip	12/18/09	MS
Aroclor-1232	12/17/09	mansip	12/18/09	MS
Aroclor-1242	12/17/09	mansip	12/18/09	MS
Aroclor-1245	12/17/09	mansip	12/18/09	MS
Aroclor-1254	12/17/09	mansip	12/18/09	MS
Arodor-1260	12/17/09	mansip	12/18/09	MS
Aroc'or-1262	12/17/09	mansip	12/18/09	MS
Arec or-1268	12/17/09	mansip	12/18/09	MS

TestGroupName TAL Metals 6010 Proparation Method: 3005&10/3050 Analytical Method: EPA 6010B

Analytical Meth			A		~~~
	Prej		Anal		
Analyte	Date	Ву	Date	Ву	
Aluminum	12/09/09	olutemi	12/11/09	SRB	
Antimony	12/09/09	ciufemi	12/11/09	SRA	
Arsenic	12/09/09	clutemi	12/11/09	SRD	
Rarium	12/09/09	clufem:	12/11/09	SRB	
Beryllium	12/09/09	clutemi	12/11/09	SRB	
Cadmium	12/09/09	clufemi	12/11/09	SRB	
Calcium	12/09/09	alufemi	12/11/09	SRB	
Chronium	12/09/09	ciufemi	12/11/09	888	
Cobait	12/09/09	clufemi	12/11/09	SRB	
Copper	12/09/09	clufemi	12/11/09	\$RB	
Iron	12/09/09	clutemi	12/11/09	SRB	
Lead	12/09/09	olufemi	12/11/09	SRB	
Magnesium	12/09/09	olufemi	12/11/09	SRB	
Manganese	12/09/09	alufemi	12/11/09	SRB	
Nickel	12/09/09	olufemi	12/11/09	SRB	
Potassium	12/09/09	olufemi	12/11/09	SRB	
Selenium	12/09/09	olufemi	12/11/09	SRB	
Siver	12/09/09	olufemi	12/11/09	SRB	
Sodium	12/09/09	olufemi	12/11/09	SRB	
Ihalium	12/09/09	olutemi	12/11/09	SRB	
Vanadium	12/09/09	olutemi	12/11/09	SRB	
Zinc	12/09/09	olutemi	12/11/09	SRB	

#### Lab#: AC48729-009 Sample ID: SS05-A

TestGroupName % Solids SM2540G Preparation Method: SM 2540G Analytical Nethod: SM 2540G

	Prep		Analysis	
Analyte	Date	By	Date	Ву
% Solids	12/08/09	intern	12/08/39	intern

#### Lab#: AC48729-009 Sample ID: SS05-A

TestGroupName Mercury (Soil/Waste) 7471A Preparation Method: EPA 7471A Analytical Method: EPA 7471A

Prep Analysis Analyte Date Ву Date Ву Mercury 12/09/09 olufemi 12/10/09 JS

TestGroupName PAH Compounds 8270 Preparation Method: 3510C/3550B

Analytical Method: EPA 8270C Analysis Date Analyte Ву Date Ву Acenaphthene 12/17/09 JOLA W 12/17/09 AHD Acenaphthy ene 12/17/09 JOLA W 12/17/09 AHD Anthracene 12/17/09 JOLA W 12/17/09 AHD Benzo[a]anthracene 12/17/09 JOLA W 12/17/09 AHD. Benzolalpyrene 12/17/09 JOLA W 12/17/09 AHD Benzo(billuoranthene 12/17/09 W AJCL 12/17/09 AHD Benzolg,h,ilperviene 12/17/09 JOLA W 12/17/09 AHD Benzo[k]fluoranthene 12/17/09 JOLA W 12/17/09 AHI) Chrysens 12/17/09 JOLA W 12/17/09 AHD Dibenzo[a,h]anthracene 12/17/09 JOLA W 12/17/09 AHD Fluoranthene 12/17/09 JOLA W 12/17/09 AHD 12/17/09 12/17/09 JOLA W AHD indeno[1,2,3-cd]pyrene 12/17/09 W AJGL 12/17/09 AHD Naphthalene 12/17/09 JOLA W 12/17/09 AHD Phenanthrene 12/17/09 JOLA W 12/17/09 AHD Pyrene 12/17/09 JOLA W 12/17/09 AHD

TestGroupName PCB 8082 Preparation Method: EPA 3510 Analytical Method: EPA 8082

	Prep		Analysis	
Analyte	Date	Ву	Date	Ву
Aroclor (Total)	12/17/09	mansip	12/18/09	MS
Aroclor-1016	12/17/09	mansip	12/18/09	MS
Araclar-1221	12/17/09	mansip	12/18/09	MS
Arocipr-1232	12/17/09	mansip	12/18/09	MS
Aroclor-1242	12/17/09	mansip	12/18/09	MS
Arocior-1248	12/17/09	mansip	12/18/09	MS
Aroclor-1254	12/17/09	mansip	12/18/09	MS
Aroclor+1260	12/17/09	mansip	12/18/09	MS
Arector-1262	12/17/09	mansip	12/18/09	MS
Arocior-1268	12/17/09	mansip	12/18/09	MS

TestGroupName TAL Metals 6010 Preparation Method: 3005&10/3050 Analytical Method: EPA 6010B

	Pre	p	Anal	ysis	vacana
Analyte	Date	Ву	Date	Ву	
Aluminum	12/09/09	olufemi	12/11/09	SRB	
Antimony	12/08/08	olufomi	12/11/09	SRB	
Arsenic	12/09/09	olufemi	12/11/09	SRB	
Barium	12/89/09	olufemi	12/11/09	SRB	
Beryllium	12/09/09	outemi	12/11/09	SRB	
Cadmium	12/09/09	olufemi	12/11/09	SRB	
Calcium	12/09/09	o:ufemi	12/11/09	SRB	
Chromium	12/09/09	outemi	12/11/09	SRB	
Cobail	12/05/09	outeni	12/11/09	SRB	
Copper	12/09/09	oiufemi	12/11/09	SRB	
Iron	12/09/09	olutemi	12/11/09	SRB	
Lead	12/09/09	piufemi	12/11/09	SRB	
Magnesium	12/09/09	piufemi	12/11/09	SRB	
Menganese	12/09/09	olufemi	12/11/09	SRB	
Nickel	12/09/09	olufemi	12/11/09	SRB	
Potassium	12/09/09	olufemi	12/11/09	SRB	
Selenium	12/09/09	olufemi	12/11/09	SRB	
Silver	12/09/09	olufemi	12/11/09	SRB	
Sodium	12/09/09	olufemi	12/11/09	SRB	
Thallium	12/09/09	olutemi	12/11/09	SRB	
Variadium	12/09/09	olufemi	12/11/09	SRB	
Zing	12/09/09	olufemi	12/11/09	SRB	

Lab#: AC48729-010 Sample ID: SS05-B

Project #: 9120444

Lab#: AC48729-010 Sample ID: SS05-B

TestGroupName % Solids SM2540G Preparation Method: SM 2540G Analytical Method: SM 2540G

į		Prep		Analysis		
	Analyte	Date	Ву	Date	Ву	
	% Solids	12/08/C9	intern	12/08/09	intern	

TestGroupName Mercury (Soil/Waste) 7471A Preparation Method: EPA 7471A Analytical Method: EPA 7471A

·		Prep		Analysis	
Ì	Analyte	Date	Ву	Date	Ву
į	Mercury	12/09/09	olulemi	12/10/09	JS

TestGroupName PAH Compounds 8270 Preparation Method: 3510C/3550B Analytical Method: EPA 8270C

The state of the s	Prep		Analysis	
Analyte	Date	Ву	Date	Ву
Acenaphthene	:2/17/09	JOLA W	12/17/09	AHU
Acenaphthylene	12/17/09	JOLA W	12/17/09	AHD
Anthracene	12/17/09	JOLA W	12/17/09	AHD
Benzo(a)anthrecene	12/17/09	JOLA W	12/17/09	AHD
Benzo(s)pyrene	12/17/09	JOLA W	12/17/09	AHD
Benzo(b)fluoranthene	12/17/09	JOLA W	12/17/09	AJ IID
Benzo[ç,h,i perylene	12/17/09	JOLA W	12/17/09	AHD
Benzo(k)fluoranthene	12/17/09	JOLA W	12/17/09	AHD
Chrysene	12/17/09	JOLA W	12/17/09	AHD
Dibenzo(a.h)anthracese	12/17/09	W A IOL	12/17/09	AHD
Fluoranihene	12/17/09	JOLA W	12/17/09	AHD
Fluorene	12/17/09	JOLA W	12/17/09	AHD
Indeno[1,2,3-cd]pyrene	12/17/09	JOLA W	12/17/09	AHD
Naphthalene	12/17/09	JOLA W	12/17/09	AHD
Phenanihrene	12/17/09	JOLA W	12/17/09	AHD
Pyrene	12/17/09	JOLA W	12/17/09	AHD

TestGroupName PCB 8082 Preparation Method: EPA 3510 Analytical Method: EPA 8082

]	Prep		Analysis	
Analyte	Date	By	Date	Ву
Arodor (Total)	12/17/09	mansip	12/18/09	MS
Arador-1016	12/17/09	mansip	12/18/09	MS
Arodor-1221	12/17/09	mansip	12/18/09	MS
Arodor-1232	12/17/09	mansip	12/18/09	MS
Araclor-1242	12/17/09	mansip	12/18/09	MS
Arodor-1248	12/17/09	mansip	12/18/09	MS
Arodor-1254	12/17/09	mansip	12/16/09	MS
Arodor-1260	12/17/09	mensip	12/18/09	MS
Arocior-1262	12/17/09	mansip	12/18/09	MS
Aroc or-1268	12/17/09	mansip	1/2/18/09	MB

TestGroupName TAL Metals 6010 Preparation Method: 3005&10/3050 Applytical Mathod: EDA 6010R

	Analytical Method: EPA 6010B						
		Prep	)	Analy	/sis		
ļ	Analyte	Date	Ву	Date	Ву		
ľ	Aluminum	12/09/09	clufemi	12/11/09	SRB		
- [	Antimony	12/09/09	clufemi	12/11/09	SRB		
-	Arsenic	12/09/09	olufemi	12/11/09	SRB		
-	Barium	12/09/09	olutemi	12/11/09	SRB		
1	Beryllium	12/09/09	olufemi	12/11/09	SRB		
-	Cadmium	12/09/09	alufemi	12/11/09	SRB		
-	Calcium	12/09/09	alufem)	12/11/09	SRB		
***************************************	Chromium	12/09/09	olufemi	12/11/09	SRB		
	Cobalt	12/09/09	olufemi	12/11/09	SRB		
	Copper	12/09/09	olufemi	12/11/09	SRB		
	Iron	12/09/09	olufemi	12/11/09	SRB		
	Lead	12/09/09	olulemi	12/11/09	SRB		
į	Magnesium	12/09/09	olulemi	12/11/09	SRB		
	Vangariese	12/09/06	olutemi	12/11/09	SRE		
1	Nickel	12/09/05	olutem!	12/11/09	SKB		
	Potassium	12/09/09	olufemi	12/11/09	SRB		
***************************************	Selenium	12/09/09	<i>ជា</i> ប់ខ្មែរ ខ	12/11/09	SRB .		
-	Silve:	12/09/09	olutem	12/11/09	SRB		
İ	Sodium	12/09/09	olufemi	12/11/09	SRB		
	Thellum	12/09/09	olutemi	12/11/09	SRD		

Lab#: AC48729-010 Sa	mple ID: SS05	-B		
Vanadium	12/09/09	olufemi	12/11/09	SRB
Zinc	12/09/09	olutemi	12/11/09	SRE

Lab#: AC48729-011 Sample ID: SS06-A

TestGroupName % Solids SM2540G Preparation Method: SM 2540G Analytical Method: SM 2540G

7		Prep	·	Anal	ysis	
	Analyte	Date	Ву	Date	Ву	
	% Solids	12/08/09	intern	12/08/09	intern	

TestGroupName Mercury (Soil/Waste) 7471A Preparation Method: EPA 7471A

Analytical Metho	od: EPA 7471A				
	Pre	3	Analy	/sis	_
Analyte	Date	Ву	Date	Ву	
Marouni	12/00/02	ol uformi	42/40/00	10	

TestGroupName PAH Compounds 8270 Preparation Method: 3510C/3550B Analytical Method: EPA 8270C

	Pre	D	Analysis	
Analyte	Date	Ву	Date	Ву
Acenaphthene	12/17/09	JOLA W	12/17/09	AHD
Acenaphthylene	12/17/09	JOLA W	12/17/09	OHA
Anthracene	12/17/09	JOLA W	12/17/09	AHD
Benzo(a)anthracene	12/17/09	JOLA W	12/17/09	CHA
Benzo(a)pyrene	12/17/09	JOLA W	12/17/09	AHD
Benzo(bjituoranthene	12/17/09	JOLA W	12/17/09	AHD
Benzo[g,h,i]perylene	12/17/09	JOLA W	12/17/09	AHD
Senzo(k)fluoranthene	12/17/09	JOLA W	12/17/09	AHD
Chrysene	12/17/09	JOLA W	12/17/09	AHU
Dibenzoja,h)anthracene	12/17/09	JOLA W	12/17/09	AHD
Fluoranthens	12/17/09	W AJCL	12/17/09	AHD
Fluorone	12/17/09	JOŁA W	12/17/09	AHD
Indeno[1,2,2-cd pyrene	12/17/09	JOLA W	12/17/09	AHD
Naphthalens	12/17/09	JOLA W	12/17:09	AHD
Phenantorene	12/17/09	JOLA VV	12/17/09	AHD
Pyrene	12/17/09	JOLA W	12/17/09	AHO

TestGroupName PCB 8082 Preparation Method: EPA 3510 Analytical Method: EPA 8082

	Prep			sis	
Analyte	Date	Ву	Date	Ву	
Aroclor (Total)	12/17/09	mansip	12/18/09	MS	
Aroclor-1016	12/17/09	mansip	12/18/09	MS	
Aroclor-122*	12/17/09	mensip	12/18/09	MS	
Aroclor-1232	12/17/09	mansip	12/18/09	MS	
Aroclor-1242	12/17/09	mansip	12/18/09	MS	
Araciar-1248	12/17/09	mansip	12/18/09	MS	
Araclar-1254	12/17/09	mansip	12/18/09	MS	
Aredor-1260	12/17/09	mansip	12/18/09	MS	
Arocior-1262	12/17/09	mansip	12/18/09	MS	
Aroclor-1268	12/17/09	mansip	12/18/09	MS	

TestGroupName TAL Metals 6010 Preparation Method: 3005&10/3050

	Pre	p	Analy	ysis
Analyte	Date	Ву	Date	Ву
Aluminum	12/09/09	olufemi	12/11/09	SRB
Antimorry	12/09/09	olufemi	12/11/09	SRB
Arsenic	12/09/09	dufemi	12/11/09	SRB
Barium	12/09/09	olufemi	12/11/09	SRE
Beryllium	12/09/09	olufemi	12/11/09	SRB
Cadmium	12/09/09	olufemi	12/11/09	SRB
Calcium	12/09/09	oluferni	12/11/09	SRB
Chromium	12/09/09	olufemi	12/11/09	SRB
Cobat	12/09/09	olufemi	12/11/09	SRB
Copper	12/09/09	olufemi	12/11/09	SRB
Iron	12/09/09	olufemi	12/11/09	SRB
Lead	12/09/09	alufemi	12/11/09	SRB
Magnesium	12/09/09	olufemi	12/11/09	SRB
Mangenese	12/09/09	o uferni	12/11/09	SRB
Nickel	12/09/09	o.ufemi	12/11/09	SRB

Lab#: AC48729-011 Sample ID: SS06-A						
Potassium	12/09/09	olulem	12/11/09	SRB		
Selenium	12/09/09	olutemi	12/11/09	SRB		
Silver	12/09/09	olufomi	12/11/00	SRE		
Sodium	12/09/09	olufemi	12/11/08	SRE		
Thatlium	12/09/C9	imetulo	12/11/06	SRE		
Vanadium	12/89/09	olutemi	12/11/09	SRE		
Zinc	12/09/09	alutemi	12/11/09	SRE		

## Lab#: AC48729-012 Sample ID: SS06-B

TestGroupName % Solids SM2540G Preparation Method: SM 2540G Analytical Method: SM 2540G

The state of the s		Prep		Analysis		
	Analyte	Date	Ву	Date	Ву	
	% Solids	12/08/09	intern	12/08/09	intern	

# TestGroupName Mercury (Soil/Waste) 7471A Preparation Method: EPA 7471A

Analytical Method: EPA 7471A

	Prep		Analysis	
Analyte	Date	Ву	Date	Ву
Mercury	12/09/09	olufemi	12/10/09	JS

## TestGroupName PAH Compounds 8270 Preparation Method: 3510C/3550B Analytical Method: EPA 8270C

1	Pre	Prep		vsis
Analyte	Date	Ву	Date	Ву
Accnaphthene	2/17/09	JOLA W	12/17/09	AHD
Acenaphthylena	12/17/09	JOLA W	12/17/09	AHD
Antirracene	12/17/09	JOLA W	12/17/09	AHD
Benzo[a]an:hracene	12/17/09	JOLA W	12/17/09	AHD
Benzo[a]pyrena	12/17/09	JOLA W	12/17/09	AHD
Benzo(b)fluoranthene	12/17/09	JOLA W	12/17/09	CHA
Benzo(g.h.i perylene	12/17/09	JOLA W	12/17/09	AHD
Benzo(k)fluoranthene	12/17/09	JOLA W	12/17/09	AHD
Chrysere	12/17/09	JOLA W	12/17/09	AHD
Dibenzo[a,h]anthrecene	12/17/09	JOLA W	12/17/09	AHD
Fluoranthene	12/17/09	JOLA W	12/17/09	AHD
Fluorene	12/17/09	JOLA W	12/17/09	AHD
Indeno[1,2,3-cd]pyrene	12/17/09	JOLA W	12/17/09	CHA
Naphthalene	12/17/09	JOLA W	12/17/09	AHD
Phenanthrene	12/17/09	JOLA W	12/17/09	AHD
Pyrene	12/17/09	JOLA W	12/17/09	CHA

#### TestGroupName PCB 8082 Preparation Method: EPA 3510 Analytical Method: EPA 8082

	Prei	Prep		/sis
Analyte	Date	Ву	Date	Ву
Arocor (Total)	12/17/09	mansip	12/18/09	MS
Aroc or-1016	12/17/09	mansip	12/18/09	MS
Aroc or-1221	12/17/09	mansip	12/18/09	MS
Aroc.or-1232	12/17/09	mansip	12/18/09	MS
Arodor-1242	12/17/00	mansip	12/18/09	MS
Aroclor-1248	12/17/09	mensip	12/18/09	MS
Araclor-1254	12/17/09	mansip	12/18/09	MS
Aracler-1260	12/17/09	mansip	12/18/09	MS
Aroclor-1262	12/17/09	mansip	12/18/09	MS
Araclor-1268	12/17/09	mansip	12/18/09	MS

## TestGroupName TAL Metals 6010 Preparation Method: 3005&10/3050 Analytical Method: EPA 6010B

Milalyacai mentou	* FLY 0010D			
	Prep		Anal	vsìs.
Analyte	Date	Ву	Date	Ву
Aluminum	12/09/09	olufem	12/11/09	SRB
Antimony	12/09/09	olufemi	12/11/09	SRB
Arsenic	12/09/09	ciufemi	12/11/09	SRB
Barium	12/09/09	olulemi	12/11/09	SRB
Beryllium	12/09/09	dutemi	12/11/09	SRB
Cadmium	12/09/09	olufemi	12/11/09	SRB
Calcium	12/09/09	olufemi	12/11/09	SRB
Chromium	12/09/09	olufemi	12/11/09	SRB
Coball	12/09/08	olufemi	12/11/09	SRB
Copper	12/09/09	olufemi	12/11/09	SRB

l'on	12/09/09	olufemi	12/11/09	SKE
Lead	12/09/C9	olufemi	12/11/09	SRE
Magnesium	12/09/09	olufemi	12/11/09	SRB
Manganese	12/09/09	olufemi	12/11/09	SRB
Nickel	12/09/09	olufemi	12/11/09	SRB
Potassium	12/09/09	afufemi	12/11/09	SRB
Selenium	12/09/09	ofutomi	12/11/09	SRB
Silver	12/09/09	atulemi	12/11/09	SRB
Sodium	12/09/09	olufemi	12/11/09	SRB
Thallium	· 2/C9/09	olufemi	12/11/09	SRB
Vanadium	12/09/09	imetulo	12/11/09	SRB
Zinc	12/09/09	olufemi	12/11/09	SRB

## Lab#: AC48729-013 Sample ID: SS07-A

TestGroupName % Solids SM2540G Preparation Method: SM 2540G

Analytical Method: SM 2540G

The state of the s	Prep	,	Anal	ysis .
Analyte	Date	Ву	Date	Ву
% Solids	12/08/09	Intern	12/08/09	intern

# TestGroupName Mercury (Soil/Waste) 7471A Preparation Method: EPA 7471A

Analytical Method: EPA 7471A

i		Prep		Analysis			
į	Analyte	Date	Ву	Date	Ву		
İ	Mercury	12/09/09	plufemi	12/10/09	JS		

## TestGroupName PAH Compounds 8270 Preparation Method: 3510C/3550B Analytical Method: EPA 8270C

	Pre	p	Anal	ysis
Analyte	Date	Ву	Date	Ву
Aceraphthene	12/17/09	JOLA W	12/17/09	AHD
Acenaphthy ene	12/17/09	JOLA W	12/17/09	AHD
Anthracene	12/17/09	JQLA W	12/17/09	AHD
Benzo(ajanthracene	12/17/09	JOLA W	12/17/09	AHD
Benzo(a)pyrane	12/17/09	W AJCL	12/17/09	AHD
Benzo(b)flucranthene	12/17/09	W AJCL	12/17/09	AHD
Benzo[g,h,i]perylene	12/17/09	JOLA W	12/17/09	AHD
Benzo[k]flucranthene	12/17/09	W AJCL	12/17/09	AHD
Chrysene	12/17/09	JOLA W	12/17/09	AHD
Dibenzo[a,h]anthracene	12/17/09	JOLA W	12/17/09	AHD
uoranthene	12/17/09	JOLA W	12/17/09	A-ID
Fluorene	12/17/09	JOLA W	12:17/09	A-ID
Indeno[1,2,3-cd pyrene	12/17/09	JOLA W	12/17/09	AHD
Naprtha:ene	12/17/09	JOLA W	12/17/09	A-ID
Phenanthrene	12/17/09	JOLA W	12/17/09	AHD
Pyrene	12/17/09	W AJOL	12/17/09	AHD

#### TestGroupName PCB 8082 Preparation Method: EPA 3510 Analytical Method: EPA 8082

	Prep		Analysis	
Analyte	Date	Ву	Date	Ву
Aroclor (Total)	12/17/09	mansip	12/18/09	MS
Arocior-1016	12/17/09	mensip	12/18/09	MS
Aroclor-1221	12/17/09	mansip	12/16/09	MS
Aroclor-1232	12/17/00	mansip	12/18/09	MS
Aroclar-1242	12/17/09	mansip	12/18/09	MS
Areclar-1248	12/17/09	mansip	12/18/09	MS
Arocier-1254	12/17/09	mansio	12/18/09	MS
Arocler-1260	12/17/09	mensip	12/18/09	MS
Arocler-1262	12/17/09	mansip	12/18/09	MS
Aroclor-1268	12/17/09	mansin	12/18/09	MS

# TestGroupName TAL Metals 6010 Preparation Method: 3005&10/3050 Analytical Method: EPA 6010B

	Prep		Analysis		ĺ	
Analyte	Date	Ву	Date	Ву		
Aluminum	12/09/09	oufemi	12/11/09	SRB	-	
Antimony	12/09/09	oufemi	12/11/09	SRB		
Arsenic	12/09/09	outani	12/11/09	SRB	1	
8arium	12/09/09	outemi	12/11/09	SRB	ŀ	
Beryllium	12/09/09	o ufemi	12/11/09	SRB	ĺ	

SRB

12/11/09

12/11/09

SRB

oluferni

Aluminum

Zinc

Cadmium	Sample ID: SS07	olulem	12/11/09	SRB
Calcium	12/09/09	oiutem	12/11/09	SRB
Chromium-	12/09/09	olufem	12/11/09	SRB
Cobalt	12/09/09	olulem:	12/11/09	SRB
Copper	12/09/09	olufemi	12/11/09	SRB
ron	12/09/09	olutemi	12/11/09	SRB
_ead	12/09/09	olufemi	12/11/09	SRB
/acnesium	12/09/09	olutemi	12/11/09	SRB
Aanganese	12/09/09	olufemi	12/11/09	SRE
Vicke!	12/09/09	olufemi	12/11/09	SRB
otassium	12/09/09	olufemi	12/11/09	SRB
Selenium	12/09/09	olutemi	12/11/09	SRE
litver	12/09/09	olufemi	12/11/09	SRE
Sod.um	12/09/09	olufemi	12/11/09	SRE
fhaflium	12/09/09	alufemi	12/11/09	SRE
/anadium	12/09/09	imeluíc	12/11/09	SRE
Zinc	12/09/09	olufami	12/11/09	SRB

### Lab#: AC48729-014 Sample ID: SS07-B

TestGroupName % Solids SM2540G Preparation Method: SM 2540G Analytical Method: SM 2540G

•		Prep		Analysis	
	Analyte	Date	By	Date	Ву
	% Sallos	12/08/09	intern	12/08/09	intern

### TestGroupName Mercury (Soil/Waste) 7471A Preparation Method: EPA 7471A

Analytical Method: EPA 7471A

-	Aldrauden Aldrau	Prep		Analysis	
Ì	Analyte	Date	By	Date	Ву
	Mercury	12/09/09	olufomi	12/10/09	JS

### TestGroupName PAH Compounds 8270 Preparation Method: 3510C/3550B Analytical Method: EPA 8270C

	Pre	Prep		ysis
Analyte	Date	Ву	Date	Ву
Acenaphthene	12/17/09	W AJCL	12/17/09	AHD
Acenaphthylene	12/17/09	W AJCL	12/17/09	AHD
Anthracene	12/17/09	JOLA W	12/17/09	AHD
Benzo[a]anthracene	12/17/09	JOLA W	12/17/09	AHD
Benzo[alpyrene	12/17/09	JOLA W	12/17/09	CHA
Benzo[b]fluoranthene	12/17/09	JOLA W	12/17/09	AHD
Benzo[g.h.i]perylene	12/17/09	JOLA W	12/17/09	AHD
Benzo(k[fluorenthene	12/17/09	JOLA W	12/17/09	AHD
Chrysene	12/17/09	JOLA W	12/17/09	AHD
Dibenzoja,h)anthracene	12/17/09	JOLA W	12/17/09	AHD
Fluoranthene	12/17/09	JOLA W	12/17/09	AHD
Fluorene	12/17/09	JOLA W	12/17/09	AHD
Indeno[1,2,3-cd]pyrene	12/17/09	JOLA W	12/17/09	UHA
Naphthalene	12/17/09	JOLA W	12/17/09	AHD
Phenanthrene	12/17/09	JOLA W	12!17/09	AHD
Pyrene	12/17/09	JOLA W	12/17/09	AHD

### TestGroupName PCB 8082 Preparation Method: EPA 3510 Analytical Method: EPA 8082

	Prep		Analysis	
Analyte	Date	Ву	Date	Ву
Arocior (Total)	12/17/09	mansip	12/18/09	MS
Aroclor-1015	12/17/09	mansip	12/18/09	MS
Arodor-1221	12/17/09	mansip	12/18/09	MS
Aroclar-1232	12/17/09	mansip	12/18/09	MS
Aroolor-1242	12/17/09	mansip	12/18/09	MS
Aroclor-1248	12/17/09	qiansm	12/18/09	MS
Arocior-1254	12/17/09	mansip	12/18/09	MS
Aroclor-1260	12/17/09	mansip	12/18/09	MS
Arocior-1262	12/17/09	mansip	12/18/09	MS
Arocior-1268	12/17/09	mansip	12/18/09	MS

### TestGroupName TAL Metals 6010 Preparation Method: 3005&10/3050 Analytical Method: EPA 6010B

	Prep		Analysis	
Analyte	Date	Ву	Date	Ву

Antimony	12/09/09	clulemi	12/11/09	SRB
Arsenic	12/09/09	olufemi	12/11/09	SKB
Barium	12/09/09	olulemi	12/11/09	SKB
Beryllium	12/09/09	olufemi	12/11/09	SRB
Cadmium	12/09/09	olulemi	12/11/09	SRB
Caldium	12/09/09	əlufemi	12/11/09	SRB
Chromium	12/09/09	olufemi	12/11/09	SRÐ
Cobalt	12/09/09	qlufeml	12/11/09	SRB
Copper	12/09/09	olufami	12/11/09	\$RB
Iron	12/09/09	olufemi	12/11/09	SRB
Load	12/00/00	alufami	12711100	dos

olutemi

12/11/09 Magnes:um 12/09/09 olufami 12/11/09 SRE 12/11/09 Manganese 12/09/09 olufemi Mickel SRE 12/09/09 olufami 12/11/09 Potassium 12/09/09 olufemi 12/11/09 SRE Selenium 12/09/09 olufemi 12/11/09 SRB 12/09/09 olufemi 12/11/09 SRB Sodium SRB 12/09/09 12/11/09 olufemi Thalium 12/09/09 olufemi 12/11/09 SRB Vanadium 12/09/09 olufemi 12/11/09 SRB

12/09/09

### Lab#: AC48729-015 Sample ID: SS08-A

Lab#: AC48729-014 Sample ID: SS07-B

#### TestGroupName % Solids SM2540G Preparation Method: SM 2540G Analytical Method: SM 2540G

	Prep		Analysis	
Analyte	Date	Ву	Date	Ву
% Solids	12/05/09	intern	12/08/09	intern

### TestGroupName Mercury (Soil/Waste) 7471A Preparation Method: EPA 7471A

Analytical Method: EPA 7471A

_		Prep		Analysis			
	Analyte	Date	Ву	Date	Ву		
	Merc.iry	12/09/09	olufemi	12/10/09	JS		

### TestGroupName PAH Compounds 8270 Preparation Method: 3510C/3550B

Analytical Method: EPA 8270C

	Pre	p	Anal	/sis
Analyte	Date	Ву	Date	Ву
Asenaphinene	12/17/09	JOLA W	12/17/09	AHD
Acenaphthylene	12/17/09	JOLA W	12/17/09	AHD
Anthracene	12/17/09	JOLA W	12/17/09	AHD
Benzo[a]anthracene	12/17/09	JOLA W	12/17/09	OHA
Benzo[a]pyrene	12/17/09	JOLA W	12/17/09	A-ID
Benzo[b]Nuoran;hene	12/17/09	JOLA W	12/17/09	AHD
Benzo[g,h,i]perylene	12/17/09	JOLA W	12/17/09	AHD
Benzo[k]fluoranthene	12/17/09	JOLA W	12/17/09	AHD
Chrysene	12/17/09	JOLA W	12/17/09	AHD
D:benzo[a,h]anthracene	12/17/09	JOLA W	12/17/09	AHD
Fluoranthene	12/17/09	JOLA W	12/17/09	AHD
Fluorene	12/17/09	JOLA W	12/17/09	AHD
Indeno[1,2,3-cd]pyrene	12/17/09	JOLA W	12/17/09	AHD
Naph:halene	12/17/06	JOLA W	12/17/09	AHD
Phenanthrene	12/17/09	JOLA W	12/17/09	AHD
Pyrene	12/17/09	JOLA W	12/17/09	AHD

### TestGroupName PCB 8082 Preparation Method: EPA 3510 Analytical Method: EPA 8082

	Prep		Analysis	
Analyte	Cate .	Ву	Date	Ву
Aroclor ('Total)	12/17/09	mansip	12/18/09	MS
Argelor-1016	12/17/09	mansip	12/18/09	MS
Arocior-1221	12/17/09	mansip	12/18/09	MS
Aroclor-1232	12/17/09	mansip	12/18/09	MS
Aroclor-1242	12/17/09	mansip	12/18/09	MS
Arocler-1248	12/17/09	mansip	12/18/09	SM
Aractor-1254	12/17/09	mansip	12/18/09	MS
Arcclor-1260	12/17/09	mansip	12/18/09	MS
Aroclor-1262	12/17/09	mansip	12/18/09	MS
Arocier-1268	12/17/09	mansip	12/18/09	MS

## Lab#: AC48729-015 Sample ID: SS08-A

TestGroupName TAL Metals 6010 Preparation Method: 3005&10/3050 Analytical Method: EPA 6010B

	Pre	Analysis			
Analyte	Date '	Ву	Date	Вy	
Aluminum	12/09/C9	olufemi	12/11/09	SRB	
Antimony	12/09/09	olufemi	12/11/09	SRB	
Arsenic	12/09/09	olutemi	12/11/09	SRE	
Barium	12/09/09	olufemi	12/11/05	SRE	
Beryllium	12/09/09	oluterni	12/11/09	SRE	
Cadmium	12/09/09	imelulc	12/11/09	SRE	
Calcium	12/09/09	olufemi	12/11/08	SRE	
Chromium	12/09/09	oiufemi	12/11/08	SRE	
Cobalt	12/09/09	olufami	12/11/09	SRB	
Copper	12/09/09	oluforni	12/11/00	era	
iron	12/09/09	olutemi	12/11/09	SRE	
Lead	12/09/09	olutemi	12/11/09	SRE	
Magnesium	12/09/09	imetuło	12/14/09	SRE	
Mangar-ese	12/09/09	olufaml	12/11/09	SRB	
Nickel	12/09/09	olufami	12/11/09	SRÐ	
Potessium	12/09/09	olufami	12/11/09	SRB	
Selenium	^2/09/09	oluf∋mi	12/11/09	SRB	
Silver	12/09/09	oiufem!	12/11/09	SRB	
Sodium	12/09/09	olufemi	12/11/09	SRB	
Thallium	12/09/09	olufemi	12/11/09	SRB	
Vanadium	12/09/09	olufemi	12/11/09	SRE	
Zinc	12/09/09	olufemi	12/11/09	SRB	

## Lab#: AC48729-016 Sample ID: SS08-B

TestGroupName % Solids SM2540G Preparation Method: SM 2540G Analytical Method: SM 2540G

		Prep		Analysis	
Analyte	Date	Ву	Date	Ву	
% Solids	12/08/09	intern	12/08/09	intern	,

### TestGroupName Mercury (Soil/Waste) 7471A Preparation Method: EPA 7471A

Analytical Method: EPA 7471A

	Prep	)	Analy	
Analyte	Date	Ву	Date	Ву
Mercury	12/09/09	olufemi	12/10/09	JS

### TestGroupName PAH Compounds 8270 Preparation Method: 3510C/3550B Analytical Method: EPA 8270C

	Pre	p	Anal	vsis
Analyte	Date	Ву	Date	Ву
Acenaphthene	12/17/09	JOLA W	12/17/09	AHD
Aceraphthylene	12/17/09	JOLA W	12/17/09	AHD
Anthracene	12/17/09	W AJOL	12/17/09	AHD
Benzo[a]anihracene	12/17/09	JOLA W	12/17/09	AHD
Benzo[a]pyrene	12/17/09	JOLA W	12/17/09	AHD
Benzo[b]fluoranthene	12/17/09	JOLA W	12/17/09	AHD
Benzo[g,h,i]perylere	12/17/09	JOLA W	12/17/09	AHD
Benzo[k]fluoranthene	12/17/09	JOLA W	12/17/09	AHD
Chrysene	12/17/09	JOLA W	12/17/09	AHD
Dibenzo(a,h)anthracene	12/17/09	JOLA W	12/17/09	CHA
Fluoranthene	12/17/09	JOLA W	12/17/09	AHD
Fluorene	12/17/09	JOLA W	12/17/09	AHD
Indeno[1,2,3-cd]pyrene	12/17/09	JOLA W	12/17/09	AHD
Naphthalene	12/17/09	JOLA W	12/17/09	AHD
Pheranthrene	12/17/09	W AJOL	12/17/09	AHD
Pyrene	12/17/09	JOLA W	12/17/09	AHD

#### TestGroupName PCB 8082 Preparation Method: EPA 3510 Analytical Method: EPA 8082

,	Prep		Analysis		*********	
Analyte	Date	Ву	Date	Ву		
Arocior (Total)	12/17/09	mansip	12/18/09	MS		
Arcelor~1016	12/17/09	mansip	12/18/09	MS		
Aroclor-1221	12/17/09	mansip	12/18/09	MS		
Arodor-1232	12/17/09	mansip	12/18/09	MS		
Araclar-1242	12/17/09	mansip	12/18/09	MS		
Atoclor-1248	12/17/09	mansip	12/18/09	MS		

#### Lab#: AC48729-016 Sample ID: SS08-B 12/18/09 MS Aroclor-1260 mansip 12/18/09 MS Aroclor-1262 12/17/09 12/18/09 mansip MS Arocior-1268 12/17/09 mansip 12/18/09 MS

### TestGroupName TAL Metals 6010 Preparation Method: 3005&10/3050 Analytical Method: EPA 6010B

	Pre	0	Anai	/SÍS
Analyte	Date	Ву	Date	Ву
Aluminum	12/09/09	olufemi	12/12/09	SRE
Antimony	12/09/09	olufemi	12/11/09	SRE
Arsenic	12/09/09	oìuf <del>a</del> mi	12/11/09	SRE
Barium	12/09/09	olutemi	12/11/09	SRB
Beryllium	12/09/09	olufemi	12/11/09	SRE
Cadmium	12/09/09	olufemi	12/11/09	SRB
Calcium	12/09/09	olufemi	12/12/09	SRE
Chromium	12/09/09	olufemi	12/11/09	SRE
Cobalt	12/09/09	olufemi	12/11/09	SRE
Copper	12/09/09	olufemi	12/11/09	SRB
Iron	12/09/09	o)utemi	12/12/09	SRB
Leac	12/09/09	olufemi	12/11/09	SKE
Magnesium	12/09/09	olutemi	12/12/09	SRB
Manganese	12/09/09	oluterni	12/11/09	SRB
Nickel	12/09/09	olufemi	12/11/09	SRB
Potassium	12/09/09	olu <del>je</del> mi	12/12/09	SRB
Selenium	12/09/09	alufemi	12/11/09	SRB
Silver	12/09/09	olufemi	12/11/09	SRB
Sodium	12/09/09	olufemi	12/12/09	SRB
Thelium	12/09/09	olufemi	12/11/09	SRB
Vanedium	12/09/09	plufemi	12/11/09	SRB
Zinc	12/09/09	olufemi	12/11/09	SRB

## Lab#: AC48729-017 Sample ID: FB

## TestGroupName Mercury (Water) 7470A Preparation Method: EPA 7470A

Analytical Method: EPA 7470A

 District Control of the Control of t	Prep		Analysis	
Analyte	Date	Ву	Date	₿y
Mercury	12/09/09	olufemi	12/10/09	JS

# TestGroupName PAH Compounds 8270 Preparation Method: 3510C/3550B Analytical Method: EPA 8270C

	Pre	p	Anal	ysis
Analyte	Date	Ву	Date	Ву
Acenaphilitene .	12/09/09	kalpeshr	12/10/09	AHD
Acenaphthylene	12/09/09	kalpeshr	12/10/09	AHD
Anthracene	12/09/09	kalpeste	12/10/09	AHD
Banza[a]anthracene	12/09/09	kalpeshr	12/10/09	AHD
Banzo(a)pyrene	12/09/09	kalpeshr	12/10/09	AHD
Banzo[b]flucranthene	12/09/09	kelpeshr	12/10/09	AHD
Banzo[g,h,i]perylens	12/09/09	kalpeshr	12/10/09	AHD
Banzo(k)fluoranthene	12/09/09	kalpeshr	12/10/09	ΛHD
Chrysene	12/09/09	kalpeshr	12/10/39	AHD
Dibenzola,hjanthracene	12/09/09	kalpashr	12/10/39	AHD
Fluoranthene	12/09/09	kalpeshr	12/10/09	AHD
Fluorene	12/09/09	kalpeshr	12/10/09	AHD
Indeno[1.2,3-cd]pyrene	12/09/09	kalpeshr	12/10/09	AHD
Naphthalene	12/09/09	kalpeshr	12/10/09	AHD
Phenanthrene	12/09/09	kalpeshr	12/10/09	AHD
Pyrene	12/09/09	kalpeshr	12/10/09	AHD

# TestGroupName PCB 8082 Preparation Method: EPA 3510 Analytical Method: EPA 8082

	Pre	p	Analy	/sis	
Analyte	Date	Ву	Date	Ву	
Aroclor (Total)	12/09/09	ABDUL	12/10/09	MS	
Aroctor-1016	12/09/09	ABDUL	12/10/09	MS	
Arocior-1221	12/09/09	ABDUL	12/10/09	MS	
Arector-1232	12/09/09	ABOUL	12/10/09	制S	
Aroclor-1242	12/09/09	ABDUL	12/10/09	MS	
Arcolor-1246	12/09/09	ABDUL	12/10/09	MS	
Arocior-1254	12/09/09	ABDUL	12/10/09	MS	1
Arocier-1260	12/09/09	ABDUL.	12/10/09	MS	

Laboratory Chronicle

Project #: 9120444

Lab#: AC48729-017 Sampl	le ID:FB			
Arector-1262	12/09/09	ABDUL	12/13/09	MS
Araclor-1268	12/09/09	ABDUL	12/13/09	MS

TestGroupName TAL Metals 6010 Preparation Method: 3005&10/3050 Analytical Method: EPA 6010B

Prep Analysis					
	Prej		,		
Analyte	Date	Бу	Date	Ву	
Aluminum	12/09/09	olulem	12/12/09	SRB	
Antimony	12/09/09	olulem.	12/11/09	SRB	
Arsenic	12/09/09	olutem	12/11/09	SRB	
Barium	12/09/09	oluten	12/11/09	SRB	
Beryllium	12/09/09	olulem	12/11/09	SRB	
Cadmium	12/09/09	olulem:	12/11/09	SRB	
Calcium	12/09/09	olufemi	12/12/09	SR8	
Chromium	12/09/C9	alufomi	12/11/09	SRB	
Cobalt	12/09/09	olutemi	12/11/09	SRD	
Copper	12/09/09	olufemi	12/11/09	SRE	
Iron	12/09/09	alufami	12/12/08	SRE	
Lead	12/09/09	alufemi	12/11/09	SRE	
Magnesium	12/09/09	alufemi	12/12/09	SRE	
Manganese	12/09/09	olufami	12/11/09	SRB	
Nickel	12/09/09	olujemi	12/11/09	SRB	
Potessium	12/09/09	olufami	12/12/09	SRE	
Selenium	12/09/09	olufemi	12/11/09	SRB	
Silver	12/09/09	olufemi	12/11/09	SRB	
Sodium	12/09/09	olutemi	12/12/09	SRB	
Thallium	12/09/09	alufemi	12/11/09	SRB	
Vanadium	12/09/09	olufemi	12/11/09	SRB	
Zinc	12/09/09	olufemi	12/11/09	SRB	



## **Non-Conformance Summary**

## HCV Project AC48729

## Base Neutral Analysis:

Data conforms to method requirements.

## PCB Analysis:

Data conforms to method requirements.

## Metals Analysis:

The serial dilution for Vanadium is outside QC limits in batch 10826, suggesting matrix interference.

The recovery of Aluminum is biased high, outside QC limits in the Matrix Spike and Matrix Spike Duplicate in batch 10826. All QC criteria were met in the LCS and LCS MR.

## Wet Chemistry Analysis:

Data conforms to method requirements.

Jen-Rossi Date

Quality Assurance Director



## Method References

PARAMETER	METHOD	TECHNIQUE	PARAMETER	METHOD	TECHNIQUE
NATER POLLUTION F	ARAMETERS		DRINKING WATER PA	RAMETERS	
ecal Coliform	SM 9222 D	Membrane Filtration	Total coliform	SM 9221D+E	Presence/Absence
otal Coliform	SM 9222 B	Membrane Filtration	Total coli/E. coli	SM 9222 B/G	Membrane Filtration/Enumeration
leterotrophic PC	SM 9215 B	Pour Plate	Cvanide	SM 4500-CN-E	Dist/Spectrophotometric (man.)
Acidity	SM 2310 B (4a)	Electrometric	Cyanide	EPA 335.4	Dist/Spectrophotometric (auto)
Alkalinity	SM 2320 B	E ectrometric	Cyanide	EPA 0IA-1877	Flow Injection, Ligand Exchange
lmmonia	SM4500NH3B-18	Distillation (prep)	VOA	EPA 524.2	GC/MS
\mmonia	SM4500NH3C-18	Nesslerization (analysis)	Metals	EPA 200.8	ICP/MS
BOD	SM 5210 B	DO Depietion	Mercury	EPA 245.1	Manual, Cold Vapor
3romide	EPA 300.0	ion Chromatography	Ca, Fe, Mg, Na	EPA 200.7	ICP
Calcium	EPA 200.7	Digestion, ICP	Total Hardness	EPA 200.7	iCP
CBOD	SM 5210 B	DO Depletion, N Inhib.	Turbidity	EPA 180.1	Nephelometric
00D	HACH 8000	Spectrochotometric, manual		<b>4</b> ) ( ( ( ) ) ( )	TTO PTOTOTION IS
Chloride	EPA 300.0	Ion Chromatography		· · · · · · · · · · · · · · · · · · ·	
Syanide (T)	EPA 335.4	Dist/Spectrophotometric (auto)		*** · ********************************	
Cyanida (T)	SM4500-CN C/E	Dist/Spectrophotometric (man.)	<del></del>		
yanida (Am)	SM4500-CN C/G	Distillation, Spectrophotometric			· · · · · · · · · · · · · · · · · · ·
Cyanida (Am)	EPA 1577	Flow Injection/Ligand Exchange	***************************************		
Juoride	EPA 300.0	Ion Chromatography			
lardness	EPA 200.7	Ca + Mg Carbonates, ICP	SOLID HAZARDOUS W	ACTE DADAMETEDO	
iex Chrom	SM 3500-Cr D	Spectrophotometric	Specific Cond.	SW-846 9050A	Whoolston Origin
ragnesium	EPA 200.7	Digestion, ICP	Phenois	SW-846 9065	Wheatstone Bridge Colorimetric
ragriesium Aetals	EPA 200.7	Digestion, ICP	~~~ <del>```</del>	SW-846 9014	
lercory	EPA 245.1	Manual, Cold Vapor	Cyanide		Titrimetric/Spectrophotometric
· · · · · · · · · · · · · · · · · · ·			Chromium V	SW-846 7196A	Colorimetric
letals	EPA 200.8	ICP/MS	Metals	SW-846 6010B	ICP
itrate	EPA 300.0	Ion Chromatography	Mercury (liquid)	SW-846 7470A	Manual Cold Vapor
irite	EPA 300.0	ton Coroniatography	Mercury (solid)	SW-846 7471A	Manual Cold Vapor
litrite	SM4590-NO3 F	Auto, Cd Reduction	EDB/DBCP	SVV-846 8011	Microextraction, GC, ECD
litrate-Nitrite	SM4500-NO3 F	Auto, Cd Reduction	Alcohols/Giycols	SW-846 8015B	GC, FID
& G HEM	EPA 1664A	Grav. Hexane Extractable	Petroleum Organics	OQA QAM 25 rev7	Extraction, GC, HID
il & Greaso SGT	EPA 1664A	Grav., Silica Gel Treated, HEM	DRO	S/V-846 8015B	Extraction, GC, FID
ulfate	EPA 300.0	fon Chromatography	GRO	SW8468015B m	GC/MS, Purge & Trap
00	SM 5310 B	Combustion	PCB**	SW-846 8082	Extraction,GC, ECD
rtho Phosphate	EPA 300.0	Ion Chromatography	Pesticides	SW-846 8081A	Extraction,GC, ECD
ortho Phosphate	SM 4500 P, E	Ascorbic Acid, Manual	Herbicides	SW-846 8151A	Extraction,GC, ECD
'henois	EPA 420.1	Distillation, Colorimetric	VOA	SW-846 8260B	GC/MS
otal Phosphorus	SM 4500-P B5+E	Persulfate Digestion	Semi-VOA	SW-846 8270C	Extraction, GC/MS
otassium	EPA 200.7	Digestion. ICP	Semi-VOA	SW-846 8270C	GC/MS/SIM
otal Residue	SM 2540 B	Gravimetric, 103-105° C	Cyanide (T)	SW-846 9012A	Colorimetric (auto)
DS	SM 2540 C	Gravimetric, 180∘ C	Cyanide (T)	SW-846 9010C	Distillation
SS	SM 2540 D	Gravimetric, 103-105° C	Cyanide (Am)	SW-846 9010C	Distillation
ettleable Solids	SM 2540 F	Volumetric, Imhoff Cone	Sulfides	SW-846 9030B	Redox Titration
olatile Solids	FPA 160.4	Gravimetric, 550∘ C	Sulfides	SW-846 9034	Titration
otal,Fix,Vol Sol.	SM 2540 G	Gravimetric, 550° C	Sulfate	SW-846 9056	Ion Chromatography
alinity	SM 2520 B	Electrical Conductivity	pΗ	SW-846 9040B	Elect, waste, >20% water
odium	EPA 200.7	Digestion, ICP	TOC	SW-846 9060	Infrared Spectromotry
pecific Cond.	SM 2510 B	Wheatstone Bridge	TOC (sediment)	Lloyd Kahn Vleth.	Infrared Spectrometry
ulfides	SM 4500-52 F	Titrimetric, todine	Oil & Grease hem	SW-846 1664A	Extraction and Gravimetric
urbidity	SM 2130 B	Nephelometric	Nitrite	SW-846 9056	ion Chromatography
CB**	EPA 608	Extraction, GC, ECD	Nitrate	SW-846 9056	ion Chromatography
esticides	EPA 608	Extraction, GC, ECD	Bromide	SW-846 9056	ion Chrometography
etroleum Org.	OQ QAM 25 rev. 7	Extraction, GC, FID	Chloride	SYV-846 9056	ion Chromatography
OA	EPA 624	GC/MS	Fluoride	SW-846 9056	ion Chromatography
emi-VOA	EPA 625	Extraction, GC/MS	Ortho Phosphate	SW-846 9056	ion Chromatography
					N. Alandaria
				- Transition	**************************************



## Method References cont'd

PARAMETER	METHOD	TECHNIQUE	PARAMETER	METHOD	TECHNIQUE	
	OLID HAZARDOUS WASTE PREP		CHARACTERISTICS OF HAZARDOUS WASTE			
Metals, Total& Diss	SW-846 3005A	Acid Dig/Surface & GW, ISP	Flash Point	SW-846 1010	Pensky-Martens Closed Cup	
Metals, Total	SW-846 3010A	Acid Dig/Aq Samples, ICP	Corresivity	SW-846 9040B	Aqueous Waste, Potentiometric	
Meials	SW-846 3050B	Acid Dig. Scit Sediment, Sludge	Volatile Organics	SW-84€ 1311	TCLP, Toxicity Procedure, ZHE	
Metals	SVV-846 3060A	Chromium VI Digestion	Metals-Semi VOA	SW-846 1311	TCLP, Toxicity Procedure, Shaker	
Semi-VO	SW-846 3510C	Separatory Funnel Extraction	Metals-Organics	SW-846 1310A	EP Toxicity Test	
Seni-VO	SW-846 3550B	Ultrasonic Extraction	Metals-Organics	SW-846 1312	Synthetic PPT Leachate Procedure	
Semi-VO	SW-846 3520C	Liquid-Liquid Extraction	Metals-Organics	SW-846 1320	Multiple Extraction	
Semi-VO	SVV-846 3545	Pressurized Fluid Extraction				
VO	SW-846 £030B	Purge & Trap Aqueous				
Organics	SV/-846 3580A	Viasta Dilution	Transmitted the Company of the Compa			
Organics	SW-846 3585	Waste Dilution, Volatile Organics	ASTM		***************************************	
VO-low/high conc.	SW-846 5035l/h	Closed System Purge & Trap	Specific Gravity	ASTM D-1429*	Erlenmeyer Flask	
Semi-VO	SW-846 3611B	Petroleum Waste, Cleanup Alumina	Sulfur Analysis	ASTM D-1552*	Infrared Spectometry	
Semi-VO.	SW-846 3620B	Cleanup-Florisil	Total Organic Matter	ASTM D-2974*	Organic Content	
5emi-VO	SW-846 3640A	Cleanup-Gel Permeation	Extraction of solid waste	ASTM D-3987	Shaker Extraction	
Semi-VO	SW-846 3650B	Cleanup-Acid/Base Partition				
Semi-VO	SW-846 3660B	Cleanup-Sulfur Removal			**************************************	
Semi-VO	SW-846 3665A	Cleanup-Sulfuric Acid/KMnO₄				
		· · · · · · · · · · · · · · · · · · ·	ANALYZE IMMEDIATEL	Y PARAMETERS		
***************************************			D.O.	SM 4500-O G	Electrode	
SOLID AND CHEMICA	L MATERIALS		pH	SM 4500-H*B	Electrometric	
ignitability of Solids	SW-846 1030	Burn Rate	Temperature	SM 2550 B	Thermometric	
Reactivity	SW-846 7.3*	HCN, HS Release	₽H	SW-846 9040B	Aqueous, Electrometric	
Cyanide	SW-846 9013	Extraction, Oils and Solids	ORP	SM-2580 B*	Electrode	
EOX	SW-846 9023	Extraction	Chlorine Residual	SM 4500-CI G	DPD. Colorimetric	
Suffides-extractable	SW-846 9031	Water extraction, Distillation				
0 & G Sludge HEM	SW-846 9071	Extraction and Gravimetric	***************************************			
Free Liquid	SW-846 9095	Flow-through Paint Filtration (obs)				
Fingerprint Analysis	SW-846 8015B	GC/FID		- Carried and American Communication		
pH	SW-846 9045C	pH, soil and waste		Minder of the second se		
Temperature	SM 2550 B	Thermometric				
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<sup>\*</sup> Not a NELAP accredited method
\*\* Arockor 1262 and 1268 are not NELAP accredited parameters.



## REPORTING LIMIT DEFINITIONS

RL = Reporting Limit

MDL = Method Detection Limit

For Clean Water Act and SW846 Organic methods, the Reporting Limit is determined by the concentration of the lowest standard in the calibration curve.

For Clean Water Act Metals method, the Reporting Limit is determined by the concentration of the lowest standard in the calibration curve.

For Clean Water Act and SW846 Wet Chemistry methods, the Reporting Limit is determined by the concentration of the lowest standard in the calibration curve. For most gravimetric methods the Reporting Limit is defined as a value 3 to 5 times the MDL.

# Veritech Report Of Analysis

Sample ID: SS01-A			***************************************		Sample ID: SS01-B	·····			
TestGroup/Analyte	DF	Units	RL	Result	TestGroup/Analyte	DF	Units	RL	Result
% Solids SM2540G					% Solids SM2540G				
% Solids	1	percent		93	% Solids	1	percent		85
Mercury (Soil/Waste) 7471A					Mercury (Soll/Waste) 7471A				
Mercury	167	mg/kg	0.090	ND	Wercury	167	mg/kg	0,098	ND
PAH Compounds 8270					PAH Compounds 8270				
Acenaphhene	1	mg/kg	0.072	ND	Acenaphthene	1	mg/kg	0.078	ND
Acenaphihylene	1	mg/kg	0.072	ND	Acenaphthylene	1	mg/kg	0.078	מא
Anthracene	1	mg/kg	0.072	ND	Anthracene	1	mg/kg	C.075	ND
Benzo[a]anthracene	1	mg/kg	0.072	ND	Benzo[a]anihracene	1	mg/kg	0.073	ND
Benzo[a]pyrene	1	mg/kg	0.072	0.075	Senzo[a]pyrene	1	mg/kg	0.073	ND
3enzo[b]fluoranthene	1	mg/kg	0.072	0.11	Benzo[b]fluoranthene	1	mg/kg	0.073	ND
Benzolg,h,ilperylane	1	mg/kg	0.072	ND	Benzo[g,h,i]perylene	\$	mg/kg	0.073	ND
Benzo[k]fluoranther e	1	mg/kg	0.072	ND	Benzo[k]fluoranthene	1	mg/kg	0,073	ND
Chrysene	1	mg/kg	0.072	0.076	Chrysene	1	mg/kg	C.078	ND
Jibenzo[a,h]anthracene	1	mg/kg	0.072	ND	Cibenzoja,h]anthracene	1	mg/kg	C.078	ND
Huoranthene	1	mg/kg	0.072	0.15	Fluoranthene	1	mg/kg	C,078	ND
Fluorene	1	mg/kg	0.072	ND	Fluorene	1	mg/kg	0.078	NU
Indeno[1,2,3-cd]pyrene	3	mg/kg	0.072	ND	Indeno[1,2,3-cd]pyrene	1	mg/kg	0.078	ND
Naphihalene	3	mg/kg	0.072	ND	Naphthalene	1	mg/kg	0.078	ND
Phenanthrene	1	mg/kg	0.072	0.093	Phenanthrene	1	ពេញកំនួ	0.078	ND
Pyrene	1	rng/kg	0.072	0.13	Pyrene	1	mg/kg	0.078	ND
					PCB 8082				
PCB 8082		_					**	0.000	. re-
Arocier (Total)	1	mg/kg	0.027	ND	Arocor (Total)	1	mg:kg	0.029	ND
Aracier-1016	1	mg/kg	0.027	ND	Arodor-1016	1	mg/kg	0.029	ND
Arocler-1221	4	mg/kg	0.027	ND	Aroclor-1221 Aroclor-1232		mg/kg	0.029	ND
Aracler-1232	1	mg/kg	0.027	ND	Arocior-1232 Arocior-1242	1	mg/kg	0.029	ND
Arocter-1242	1	mg/kg	0.027	ND	Aroc or-1245	1	mg/kg	0.029	ND
Aracler-1248	1 .	mg/kg	0.027	ND	Aroc or-1245 Aroc or-1254	1	mg/kg	0.029	ND
Arpolor-1254	1	mg/kg	0.027	ND		1	mg/kg	0.029	ND
Aroclor-1260	1	mg/kg	0.027	ND	Arado or+1260	1	mgikg	0.029	NO
Arodior-1262 Anadior-1268	1	mg/kg	0.027	ND	Araclar-1262 Araclar-1268	1	rng/kg	0.029	ND
41000-1206	1	mg/kg	0.027	ND		1	mg/kg	0.029	ND
ΓAL Metals 6010					TAL Metals 6010				
Aluminum	100	mg/kg	220	1500	Aluminum	100	mg/kg	240	1100
Antimony	100	mg/kg	2.2	ND	Antimony	100	mg/kg	2.4	ND ·
Arsenic	100	mg/kg	2.2	4,0	Arsenic	100	mg/kg	2.4	ND
Berium	109	mg/kg	11	ND	Barium	100	mg/kg	12	ND
Beryllium	100	mg/kg	0.65	ND	Beryllium	190	mg/kg	0.71	ND
Sadmium	100	mg/kg	0.65	ND	Cadmium	100	mg/kg	0.71	ND
Calcium	100	mg/kg	1100	ND	Calcium	100	mg/kg	1200	ND
hromium	100	mg/kg	5.4	6.2	Chromium	100	mg/kg	5.9	ND
Cobalt	100	mg/kg	2.7	ND	Cobalt	100	mg/kg	2.9	ND
Copper	100	mg/kg	5.4	ND	Copper	100	mg/kg	5.9	ND
OA	100	mg/kg	220	11000	Iron	100	mg/kg	240	5200
ead	100	mg/kg	5.4	ND	i.ead	100	mg/kg	59	ND
lagnesium	100	mg/kg	540	ND	Magnesium	100	mg/kg	590	ND
langanese	100	mg/kg	11	14	Manganese	100	mg/kg	12	ND
ickel	100	mg/kg	5.4	ND	Nickel	100	mg/kg	59	ND
otessium	100	mg/kg	540	ND	Potassium	100	mg/kg	590	ND
elenium	100	mg/kg	1.9	ND	Sslenium	100	mg/kg	21	ND
ilver	100	mg/kg	1.6	ND	Silver	100	mg/kg	18	ND
odium	100	mg/kg	270	ND	Sodjum	100	mg/kg "	290	ND
hallium	100	mg/kg	1.3	ND	Thallium	100	mg/kg	1.4	ND
anadium	100	mg/kg	11	13	Vanadium	100	mg/kg	12	ND
inc	100	mg/kg	11	ND	Zinc	100	mg/kg	12	ND

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Lab#: AC48729-003 Sample ID: SS02-A	Col	lection Da	te: 12/4	V/2009	Lab#: AC48729-004 Sample ID: SS02-B	3-004 Collection Date:			12/4/2009	
TestGroup/Analyte	DF	Units	RL	Result	TestGroup/Analyte	DF	Units	RL	Result	
% Solids SM2540G					% Solids SM2540G					
% Solids	1	percent		92	% Solids	1	percent		87	
Mercury (Soil/Waste) 7471A					Mercury (Soii/Waste) 7471A					
Mercury	167	mg/kg	0.091	ND	Mercury	167	mg/kg	0.096	ND	
PAH Compounds 8270					PAH Compounds 8270					
Acenaphthene	1	mg/kg	0.072	ND	Acenaphilhene	1	mg/kg	0.077	NC	
Acenaphthylene	1	mg/kg	0.072	DM	Acenaphthylene	1	mp/kg	9.077	ND	
Anthracene	1	mg/kg	0,072	ND	Anthracene	1	mg/kg	0.077	NC	
Benzoja)anthracene	1	mg/kg	0.072	ND	Benzo[a]anthracene	1	mg/kg	0.077	ND	
Berizo[a]pyrene	1	mg/kg	0.072	ND	Benzo[a]pyrene	1	mg/kg	0.077	ND	
Benzo(b)fluoranthene	1	mg/kg	0.072	ND	Benzo[b]fluoranthene	1	mg/kg	0.077	ND	
Benzo(g,h,i)perylene	1	mg/kg	0.072	ND	Benzo[g,h,i]perylene	1	mg/kg	0.077	NO NO	
Benzo[k]fluoranthene	1	mg/kg	0.072	ND	Benzo(k]fluoranthene	1	mg/kg	0.077 0.077	ND	
Chrysene	1	mg/kg	0.072	ND	Chrysene	1	mg/kg	0.077	ND	
Dibenzo(a,h;anthracene	1	mg/kg	0.072	ND	Dibenzo[a,h]anthracene	1	mg/kg mg/kg	0.077	ND QM	
Fluoranthene	1	mg/kg	0.072	ND	Fluoranthene	1	mg/kg	0.077	ND	
Fluorene	1	mg/kg	0.072	ND	Fluorena	1	mg/kg	0.077	ND	
Indeno[1 2,3-cd_pyrene	1	mg/kg	0.372	ND ND	indeno[1,2,3-cd]pyrene Naphthalene	1	mg/kg	0.077	NO	
Naphthalene	1	mg/kg	0.072 0.072	ND ND	Phenantirene	1	mg/kg	0,077	ND	
Phenarthrene	1	mg/kg mg/kg	0.372	ND ND	Pyrene	1	mg/kg	0.077	ND	
Pyrene	3	ngag	M. F. Z.	HD	•	•	779713	u		
PCB 8082					PCB 8082		_		4 .4%	
Aroclor (Total)	1	mg/kg	0.027	ND	Aroclor (To:al)	1	mg/kg	0.029	ND	
Arodler-1016	1	mg/kg	0,027	ND	Aroclor-1016	1	mg/kg	0.029	ND	
Arocier-1221	1	mg/kg	0.927	ND	Arodor-1221	1	mg/kg	0.029	ND	
Aroclor-1232	1	mg/kg	0.027	ND	Aroclor-1232	1	mg/kg	0.029	ND ND	
Araclor-1242	1	mg/kg	0.027	ND	Aroclor-1242	1	mg/kg	0.029 0.029	ND ND	
Arocler-1248	1	ng/kg	0.027	ND	Arodor-1248	1	mg/kg		ND ND	
Aroclor-1254	1	mg/kg	0.027	ND	Araclor-1254	1	mg/kg mg/kg	6.029 6.029	ND	
Aroder-1260	1	mg/kg	0.027	ND	Aroclor-1260	†	mg/kg	0.029	ND	
Aroclar-1262	1	mg/kg	0.027	לוא מא	Arador-1262 Arador-1268	1,	mg/kg mg/kg	C,029	ND	
Arodkir-12 <del>6</del> 8	î	mg/kg	0.027	לאו		,	inging	6,020	1122	
TAL Metals 6010					TAL Metals 6010					
Aluminum	100	mg/kg	220	1300	Aluminum	100	mg/kg	230	3300	
Antimony	100	mg/kg	2.2	ND	Antimony	100	mg/kg	2.3	ND	
Arsenic	100	mg/kg	2.2	3.6	Arsenic	100	mg/kg	2.3	2.9	
Barium	100	mg/kg	11	ND	Barlum	100	mg/kg	11 0.00	ND	
Beryliium	100	mg/kg	0.65	ND	Beryllium	100	mg/kg	0.69	ND	
Cadmium:	100	mg/kg	0.65	ND	Cadmium	100	mg/kg	0.69	ND	
Calcium	100	mg/kg	1100	ND	Calcium	100	mg/kg	1100 <b>5.7</b>	ND 7.1	
Chronium	100	mg/kg	5.4	ND	Chromium	100	mg/kg		ND	
Cobat	100	mg/kg	2.7	ND	Cobalt	100	mg/kg	2.9 5.7	ND	
Copper	103	mg/kg	5.4	ND	Copper	100	mgikg maller	230	8560	
Iron	100	mg/kg	220	8200 6.5	iron	100 100	mg/kg mg/kg	5.7	ND	
Lead	100	mg/kg	5.4	6.5	Lac	100		570	ND	
Magnesium	100	mg/kg	540	ND "	Magnesium	100	mg/kg mg/kg	11	ND	
Manganese	100	mg/kg	11	14 NO	Manganase Nickel	100	mg/kg	5.7	ND	
Nicke!	100	mg/kg	5.4	ND	Potassium	100	mg/kg	5/0	ND	
Potassium	100	mg/kg	540	ND	Potassium Selenium	100	mg/kg	2.1	ND	
Solonium	100	mg/kg	2.0	ND	Silver	100	mg/kg	1.7	ND	
Silver	100	mg/kg	1.6	ND ND	Sodium	100	mg/kg	290	ND	
Scdium	100	mg/kg	270	ND ND	Sootum Thalšum	100	mg/kg	14	ND	
Thallium	100	mg/kg	1.3 11	ND ND	Vanadium	100	mg/kg	11	12	
Vanadium	100 100	mg/kg mg/kg	11	ND	Zinc	100	mg/kg	11	ND	
Zinc	(110)	нвия	• •	(47)	Marrier (NV	100	7,971.8	• • •		

RL = Reporting Limit

Lab#: AC48729-005 Sample ID: SS03-A	Co	llection Da	ite: 12/-	4/2009	Lab#: AC48729-006 Sample ID: SS03-B	Col	llection Da	ate: 12/-	1/2009
TestGroup/Analyte	DF	Units	RL	Result	TestGroup/Analyte	DF	Units	RL	Result
% Solids SM2540G % Solids	1	percent		84	% Solids SM2540G % Solids	1	percent		86
Mercury (Soil/Waste) 7471A Mercury	167	mg/kg	0.089	ND	Mercury (Soil/Waste) 7471A Mercury	167	mg/kg	0.097	ND
PAH Compounds 8270					PAH Compounds 8270		0 0		
Acenaphthene	1	mg/kg	0.071	ND	Acenaphthene	,	mg/kg	0.078	ND
Acenaphthylene	1	mg/kg	0.071	ND	Acenaphthylene	1	mg/kg	0.078	ND
Anthracene	1	mg/kg	0.071	ND	Anthracene	1	mg/kg	0.078	ND
Benzo[a]anthracene	1	mg/kg	0.071	ND	Benzo[a]anthracene	1	mg/kg	0.078	ND
Benzo[a]pyrene	†	mg/kg	0.071	ND	Benzo[a]pyrena	1	mg/kg	0.078	ND
Benzo(b)flucranthene	1	mg/kg	0.071	ND	Benzo(b)fluoranthene	1	mg/kg	0.078	ND
Benzo(g,h,ijperylene	1	mg/kg	0.071	ND	Benzo(g.h.i)perylene	1	mg/kg	0.078	ND
Benzo(k)fluoranthene	1	mg/kg	0.071	ND	Benzo[k]fluoranthene	1	mg/kg	0.078	ND
Chrysene	1	mg/kg	0.071	ND	Chrysene	1	mg/kg	0.078	ND
Dibenzo[a,h]anthracene	1	mg/kg	0.071	ND	Dibenzo[a,h]anthracene	†	mg/kg	0.078	ND
Fluoranthene	1	mg/kg	0.071	ND	Fluoranmene	1	mg/kg	0.078	ND
luorane	1	mg/kg	0.071	ND	Fluorene	1	mg/kg	0.078	ND
ndeno[1,2,3-cd]pyrane	1	mg/kg	0.071	ND	Indeno[1,2,3-cd]pyrene	1	mg/kg	0.078	ND
Vaph:halene	1	mg/kg	0.071	ND	Naphthalene	1	mg/kg	0.078	ND
>henanthre::e	7	mg/kg	0.071	ND	Phenanihrene	1	mg/kg	0.078	ND
yrere	1	mg/kg	0.071	ND	Pyrene	1	mg/kg	6.078	ND
PCB 8082					PCB 8082				
Arocior (Total)	1	mg/kg	0.027	ND	Arocior (Total)	1		D 000	.15
Arocior-1016	1	mg/kg	0.027	ND	Arodor-1016	i	mg/kg	0.029	ND
Aroclor-1221	1	mg/kg	0.027	ND	Arodor-1221	1	mg/kg mg/kg	0.029 0.029	ND
Aroclor-1232	1	mg/kg	0.027	ND	Arodor-1232	1	mg/kg	0.029	ND
Arpolor-1242	1	mg/kg	0,027	ND	Arocior-1242	3	mg/kg	0.029	ND
rocior-1248	1	mg/kg	0.027	ND	Aroclor-1248	1	mg/kg	0.029	ND ON
Aroclor-1254	7	mg/kg	0,027	ND	Aroclor-1254	1	mg/kg	0.029	ND ND
Aroclor-1260	1	mg/kg	0.027	ND	Arocior-1260	1	mg/kg	0.029	ND
Aroclor-1262	7	mg/kg	0.027	ND	Areclor-1262	1	nigikg	0.029	ND
rocior-1268	1	mg/kg	0.027	ND	Anoclor-1268	1	mg/kg	0.029	ND
AL Metals 6010					TAI BR.L.E. Chan	•	manie	0.023	110
Huminem	100	na a tim	242	0000	TAL Metals 6010				
Intimony	100	mg/kg	<b>210</b> 2,1	2800	Aluminum	100	mg/kg	230	3600
Arsenic	100	mg/kg mg/kg	2.1 2.1	ND FO	Antimony	100	mg/kg	23	ND
Berium	100	mg/kg	11	5.9 ND	Arsenic	100	mg/kg	2.3	4.3
eryllium	100	mg/kg	0.64	ND	Barium	100	mg/kg	12	ND
admium	100	mg/kg	0.64	ND	Beryllum Cadmium	100	mg/kg	0.70	0.7€
Salcium	100	rrg/kg	1100	ND	Catoium	100	mg/kg	0.70	ND
Phromium	100	mg/kg	5.3	9,4	Chromium	100	mg∕kg	1200	ND
Cobalt	100	mg/kg	2.7	ND	Cobalt	100	mg/kg	5.8	9.8
opper	100	mg/kg	5,3	6.1	Copper	100	mg/kg	2.9	ND
TOFI	100	mg/kg	210	13000	iron	100	mg/kg	5.8	ND
ead	100	mg/kg	5.3	47		100	mg/kg	230	44000
launesium	100	mg/kg	530	ND	Lead Magnesium	100	mg/kg	5.8	ND
langanese	100	mg/kg	11	33	Manganese	100	mg/kg	580	ND
ickel	100	mg/kg	5.3	ND	Nickel	100	mg/kg	12	ND
otassium	100	mg/kg	530	970	Potassium	100	mg/kg	5.8	ND
elenium	100	mg/kg	1.9	ND	Selenium	100	mg/kg mg/kg	580	ND
	100	riig/kg	1.5	ND	Silver	100	mg/kg	2.1	ND
	100	mg/kg	270	ND	Sedium	100	mg/kg motks	1.7	ND
	100	mg/kg	1,3	ND	Thallium	100 100	mg/kg mg/kg	290 1,4	ND DN
			2,40	130			1:8:4/8:13		DAT I
	100	mg/kg	11	19	Vanadium	100	mg/kg	12	15

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Collection Date: 12/4/2009 Lab#: AC48729-007 Collection Date: 12/4/2009 Lab#: AC48729-008 Sample ID: SS04-A Sample ID: SS04-B TestGroup/Analyte DF Units RL Result TestGroup/Analyte DF Units RL Result % Solids SM2540G % Solids SM2540G 92 95 % Solids 1 % Solids 1 percent percent Mercury (Soil/Waste) 7471A Mercury (Soil/Waste) 7471A 0.088 NC 167 Mercury 167 mg/kg 0.091 ND Mercury mg/kg PAH Compounds 8270 PAH Compounds 8270 Acenaphthone mg/kg 0.072 ND Acenapathene mg/kg 0.070 NO Acenaphihylene 0.072 ND Acenaphthylene 0.070 ND mg/kg mg/kg Anthracene 0.072 ND Anthracene mglkg 0.070 mg/kg 0.070 ND Benzo[a]anthracene mg/kg 0.072 0.15 Benzolalanthracene mg/kg Benzo[a]pyrene mg/kg 0.072 0.13 Benzo[a]pyrene mg/kg 0.070 ND Benzo[b]fluorenthene 0.070 ND Benzo[b]fluoranthene 0.072 mg/kg 0.18 mg/kg Benzola,h,ilperviene mg/kg 0.070 ND Benzo[g,h,i]perylene mg/kg 0.072 0.087 Renzo(k)fluoranthene 0.070 ND Benzo[k]fluoranthene 0,072 ND mg/kg mg/kg Chrysene mg/kg 0.070 NΠ 0.072 0.15 Chrysene mg/kg Dibenzoja,h)arthracene 0.070 ND mg/kg Dibenzofa,hlanthracene mg/kg 0.072 ND Fluoranthene 0.070 ND mglkg Fluoranthene mg/kg 0.072 0.26 0.070 ND 0.072 Fluorene ma/ka Fluorene mg/kg ND indeno[1,2,3-cd]pyrene mg/kg 0.070 ND 0.078 Indeno[1,2,3-cd]pyrene 0.072 mg/kg Naphthalene mg/kg 0.070 ND Naphthalene mg/kg 0.072 ND ND Phenan:hrene 0.070 mg/kg Phenanthrene 0.072 ND ma/ka 0.070 ND Evrene mg/kg 0.072 0.24 Pyrene mg/kg PCB 8082 PCB 8082 Aroclor (Total) ma/ka 0.026 ND 0.027 ND Arcelor (Total) ma/ka Arador-1016 mg/kg 0:026 MD Asocier 1016 rng/kg 0.027 ND Arador-1221 mg/kg 0.026 NO Areclor-1221 mg/lig 0.027 NO Aroclor-1232 0.026 mg/kg Arector-1232 mg/kg 0.027 ND 0.026 ND Amdor-1242 mg/kg Arcelor-1242 0.027 ND mg/kg Arador-1248 mg/kg 0.026 NO Areclar-1248 mg/kg 0.027 ND Arador-1254 0.026 ND mg/kg Aroctor-1254 mg/kg 0.027 NO Araclor-1260 mg/kg 0.026 ND 0.027 ND Aroclor-1260 mg/kg 0.026 ND Arocior-1262 mg/kg 0.027 ND Aroclor-1262 mg/kg Aroclor-1268 mg/kg 0.026 ND Aroclor-1268 mg/kg 0.027 ND TAL Metals 6010 pH (SM4500-H+ B-00) Aluminum 100 mg/kg 210 1800 SPLPPH ph units 5.3 100 ND Antimony 2.1 mg/kg SPLP Metals 6010 Arsenic 100 ma/ka 2.1 5.8 mg/l 0.20 ND Rarlum 100 mgika 11 ND Beryllium 100 0.63 ND mg/kg SPLP Metals Extraction Cadmium 130 mgikg 0.63 ND SPLP Metals Extraction complete 1100 ND Calc:um 100 maika SPLP VOLUMES Chromium 100 mg/kg 5.3 8.1 SPLP Final Volume m 2000 Cobalt 100 2.6 ND mg/kg SPLP Initial Weight 100 1 orams Copper 100 mg/kg 5,3 ND 210 14600 100 ron mg/kg TAL Metals 6010 Lead 100 ways 5.3 ND 2900 Aluminum 100 ma/ka 220 Magnesium 100 530 ND mg/kg Antimony 100 mg/kq 2.2 ND Manganese 100 mg/kg 11 ND Arsenic 100 mg/kg 2.2 6.4 100 ND Nickel 5.3 maka 11 Barium 100 mg/kg 15 Potassium 100 mg/kg 530 730 Beryll-um 100 mg/kg 0.65 ND Selenium 100 mgikg 1.9 ND 100 0,65 ND Cadmium mg/kg Silver 100 1.6 ND maika Calcium 100 ma/ka 1100 3700 Sodium 260 ND 100 mg/kg Chromium 100 mg/kg 5.4 11 Thallium 100 mg/kg 1.3 MF) Cobalt 100 2.7 ND mg/kg Vanadium 100 mg:kg 11 16 Copper 100 mg/kg 5.4 6.7 11 ND 100 mgikg Znc 220 14000 from 100 mg/kg Lead 100 mg/kg 5.4 13 Magnesium 100 mg/kg 540 690 11 Manganese 100 mg/kg 62 Nickel 100 mg/kg 5.4 ND Potassium 100 mg/kg 540 770 2.0 ND Selenium 100 mg/ka Silver 100 mg/kg 16 NO Sodium 100 mg/kg 270 NO Thallium 100 mg/kg 1,3 CM 11 17 Vanadium 100 mg/kg Zinc 100 mg/kg 11 18

BARR Lab#: AC48729-009 Collection Date: 12/4/2009 Lab#: AC48729-010 Collection Date: 12/4/2009 Sample ID: SS05-A Sample ID: SS05-B TestGroup/Analyte DF Units RL Result DF TestGroup/Analyte Units RL Result % Solids SM2540G % Solids SM2540G % Solids 1 percent 93 % Solids 1 92 percent Mercury (Soil/Waste) 7471A Mercury (Soil/Waste) 7471A Morcury 167 mg/ka 0.090 ND Mercury 167 mg/kg 0.091 NU PAH Compounds 8270 PAH Compounds 8270 Acenaohihene 4 mg/kg 0.072 ND Acenaphthene mg/kg 0.072 ND Acenaphthylene mg/kg 0.072 ND Acenaphthylene mg/kg 0.072 ND Anthracene 0.072 mg/kg ND Anthracene 0.072 ND mg/kg Benzo(a)anthracene 0.072 mg/ka ND Benzolalanthracene ma'kg 0.072 ND Benzola lovrene mg/kg 0.072 NΩ Benzo(a)pyrene mg/kg 0.072 ND Benzo[b]fluoran:nene 0.072 ND Benzo(b)fluoranthene 0.072 mg/kg mg/kg ND Benzolg,h,ijperylene mg/kg 0.072 ND Benzo(g,h,i)perylene mq/kg 0.072 ND Benzo(k)fluoranthene 0.072 ND Renzolklfluoranthene mg/kg mg/kg 0.072 NΠ Chrysene mg/kg 0.072ND Chrysene 0.072ND mg/kg Dibenzo[a,h]anthracene 0.072 ND Dibenzc[a,h]anthracene mg/kg rng/kg 0.072 ND Fluoranthene mg/kg 0.072 ND Fluoranthene 0.072 ND mg/kg Fluorene 0.072 ND Fluorene ma/ka mg/kg 0.072NO Indeno[1.2,3-cd]pyrene mg/kg 0.072 ND Indeno[1,2,3-cd]pyrene mg/kg 0.072 ND Naphlheiene 0.072 ND Naphthalene mg/kg mg/kg 0.072 ND Phenanthrere mg/kg 0.072 ND Phononthrone 0.072 rng/kg ND Pyrene 0.072 ND ma/ka Evrone mg:kg 0.072 NΩ PCB 8082 PCB 8082 Aroclor (Cotal) 1 0.027 mg/kg ND Arodor (Total) mg/kg 0.027 NO Aroclar-1016 mg/kg 0.027 ND Aroclor-1016 mgikg 0.027 NĐ Arcotor-1221 0.027 Arodor-1221 mg/kg NU mg/kg 0.027 ND Aroclor-1232 mg/kg 0.027 NU Arodor-1232 C.027 ND malka Aroclor-1242 0.027 Arodor-1242 rng/kg ND mg/kg 0.027 NO Aroclar-1248 1 mg/kg 0.027 ND Aroclor-1248 €.027 ND mgikg Aroclor 1254 0.027 ND Aroclor-1254 mg/kg mg/kg 0.027 ND Aroclar -1260 mg/kg 0.027 ND Aroclor-1260 0.027 ND mg/kg Aroclor-1262 mg/kg 0.027 ND Aracior-1262 ingikg 0.027 ND Aroclor-1268 1 യദ്യൂർ 0.027 ND Arocior-1268 0,027 ND mgilig TAL Metals 6010 TAL Metals 6010 Atuminum 100 mg/kg 220 2000 Aluminum 100 220 2300 mg/kg Antimony 100 Antimony mg/kg 2.2 ND 100 maika 22 ND Arsenic 100 2.2 mg/kg 5.2 Arsenic 100 mg/kg 2.2 7.7 Barlum 100 mg/kg 11 ND Barium 100 11 ND mg/kg Beryllium 100 mg/kg 0.65 ИJ Bery lium 100 0.65 mg/kg ND Cadmium 100 mg/kg 0,65 CN Cadmium 100 0.65 mg/kg ND Calcium 100 1100 ND mg/kg Calcium 100 mg/kg 1100 ND Chromium 100 mg/kg 5.4 8.3 Chromium 100 mg/kg 5.4 12 Cobalt 100 2.7 NO Cobalt 100 mg/kg mg/kg 2.7 NO Copper 100 mg/kg NЭ Copper 100 5.4 ND mg/kg 100 220 Iron 12000 mg/kg iron 100 mg/kg 220 22000 Lead 100 mg/kg 5.4 8.1 Lead 100 5.4 ND mg/kg Magnesium 100 mg/kg 540 ΝD Magnesium 100 mg/kg 540 ND Manganese 100 11 27 Manganese 100 mg/kg 11 mg/kg 14 Nickei Micke! 100 mg/kg 5.4 MO 100 mg/kg 54 NΠ Potassium 100 mg/kg 540 540 Potassium 100 mg/kg 540 ND

Selen um

Silver

Sadium

Thallium

Zinc

Vanadium

100

100

100

100

100

100

mg/kg

ma/ko

mg/kg

mg/kģ

mg/kg

mg/kg

1.9

1.6

270

1.3

11

11

ΝD

ND

ND

ND

16

20

Səlenium

Silver

Sodium

Thallium

Zinc

Vanadium

2.0

16

270

1.3

11

11

NO

MO

ND

ND

ND

ND

100

100

100

100

100

100

mg/kg

mg/kg

mg/kg

mg/kg

mg/kg

mg/kg

Lab#: AC48729-011 Collection Date: 12/4/2009 Lab#: AC48729-012 Collection Date: 12/4/2009 Sample ID: SS06-A Sample ID: SS06-B TestGroup/Analyte DF Units RL Result TestGroup/Analyte DF Units RL. Result % Solids SM2540G % Solids SM2540G % Solids percent 95 % Solids percent 93 Mercury (Soil/Waste) 7471A Mercury (Soil/Waste) 7471A 167 889.0 NO 167 mg/kg 0.090 NĐ Mercury mg/kg PAH Compounds 8270 PAH Compounds 8270 ND 0.072 ND ng/kg 0,070 Acenaphthene mg/kg Acenaphthene Acenaphthylene 0.072 ND Acenanithy ens mg/kg 0.070 ND ma/ka ND Anthracene mg/kg 0.070 NO Anthracene mg/kg 0.072 Benzo[a]anthracena 0.070 ND Benzo(a)anthracene mg/kg 0.072 MD mg/kg 0.072 NC 0.076 ND Benzo(a)pyrene mg/kg Benzolalpyrene mg/kg 0.072 NB Benzo(b)fluoranthene 0.070 ND Benzolblfluoranthene mo/ka mg/kg 0.072 NB Benzo(g.h.i)perylene mg/kg 0.070 ND Benzo[g.h.]perylene mg/kg 0.070 Benzo[k]fluoranthene mç/kg 0.072 ND Banzo[k]flucrantnene mg/kg ND 0.072 ND Chrysene ma/ka 0.070 ND Chrysene mg/kg Dibenzola, hlanthracene 0.070 Dibenzola, hlanthracene 0.072 ND ND mg/kg mg/kg F uoranthene mg/kg 0.070 ND Flucranthene mg/kg 0.072 ND 0.070 ND Flucrene mg/kg 0.072 ND Fuorene mg/kg Indeno[1,2,3-cd]pyrene ma/ka 0.070 ND Indeno[1,2,3-cd]pyrene mg/kg 0.072 ND 0.072 ND 0.070 Naphthalene ND ma/ka Naphtha ene mg/kg 0.072 ND Phenanthrene mg/kg 0.070 ND Phenanthrene mg/kg Pyrene mg/kg 0.070 ND Pyrene mg/kg 0.072 ND PCB 8082 PCB 8082 ND Aroclor (Total) 0.027 NO Aroclor (Total) mg/kg 0,026 mg/kg ND 0.026 Aroclor-1016 0.027 Aroclar-1016 ma/ka ND mg/kg 0.027 ND 0.026 Aroclor-1221 malka Aroclor-1221 mg/kg ND ND Arector-1232 mg/kg 0,026 ND Aronor-1232 mg/kg 0.027 Arador-1242 0.026 ND Arodlor-1242 mg/kg 0.027 ND mg/kg Arocior-1248 mg/kg 0.026 ND Aroclor-1248 mg/kg 0.027 ND 0.027 ND Arodoc-1254 0.026 NO Aroclor-1254 ma/ka ma/ka Arocior-1260 mg/kg 0.026 NO Aroctor-1260 mg/kg 0.027ΝÜ Arocior-1262 0.026 ND Araclor-1262 mg/kg 0.027 ND mg/kg Aroclor-1268 0,026 ND Aroclar-1268 0.027 ND mg/kg mg/kg TAL Metals 6010 TAL Metals 6010 1700 100 1200 Aluminum 100 220 Aluminum mg/kg 210 mg/kg 100 2.2 ND Antimony 100 mg/kg 21 NO Antimony malka NΩ Arsenic 100 mg/kg 2.1 3.0 Arsenic 100 mg/kg 22 Barium 100 11 ND 100 11 ND ma<sub>i</sub>ka Barium mg/kg 0.63 Beryllium 100 mg/kg 0.65 ND Bervillium 100 ma/ka ND 0.65 Cadmium 100 ND Cadmium 100 ng/kg 0.63 ND mg/kg Calcium 100 mg/kg 1100 ND Calcium 100 mg/kg 1100 ND Chromium 100 mg:kg 5.4 ND Chromium 100 mg/kg 5.3 ND 100 2.6 ND Cobalt 100 mgikg 2.7 ND Cobat ma/ka ND Copper 100 ma/ka 5.4 Copper 100 mg/kg 5.3 ND 220 7700 100 mg/kg 210 6200 Iron 100 mg/kg iron Lead 100 5,3 9.2 Lead 100 mg/kg E 4 ND mg/kg Magnesium 100 mg/kg 540 ND 530 NO 100 Magnesium mg/kg Manganese 11 ND Manganese 100 mg/kg 11 22 100 maika 100 mg/kg 5.3 ND Nickat 100 mg/kg 54 ND

Potassium

Selembro

Silver

Sodium

Thallium

Zinc

Venadium

100

100

100

100

100

100

100

ma/ka

mg/kg

rng/kg

mg/kg

mg/kg

mahia

mg/kg

ND

ND

ND

ND

NO

ND

ND

530

3.9

3.6

260

1.3

11

11

Potassium

Selenium

Silver

Sodium

Thallum

Zino

Vanadium

100

100

100

100

100

100

100

mgikg

mg/kg

maika

mg/kg

mg/kg

mgikg

ma/ka

540

1.9

1.6

270

1.3

11

11

ND

ND

ND

ND

ND

ND

NO

商品 学院

Lab#: AC48729-013 Collection Date: 12/4/2009 Lab#: AC48729-014 Collection Date: 12/4/2009 Sample ID: SS07-A Sample ID: SS07-B TestGroup/Analyte DF Units RL Result TestGroup/Analyte DF Units RL Result % Solids SM2540G % Solids SM2540G % Solids 1 percent 92 % Solids 1 94 percent Mercury (Soil/Waste) 7471A Mercury (Soil/Waste) 7471A 167 mg/kg 0,091 ND Mercury 167 0.089 NO ma/ka PAH Compounds 8270 PAH Compounds 8270 Acenaphthene 0.072 ND mg/kg Acenaphthene ma/ka 0.071 ND Acenaphthylene ma/ka 0.072 ND Acensonthylene mg/kg 0.071 ND Anthracene mg/kg 0.072 ND Anthracene mg/kg 0.071 ND Benzo(a)anthracene mg/kg 0.072 ND Benzo[a]anthracene 0.071 ND mg/kg Benzo[a]pyrene 0.372 mg/kg ND Benzo[a]pyrene mg/kg 0.071 ND Benzo[b]fluoranthene ma/ka 0.072 ND Benzo[b]fluoranthene 0.071 NĐ mg/kg Benzo[g,h,i]perylene mg/kg 0.072 ND Benzo[g,h,i|perylene mg/kg 0.071 ND Benzo[k] tuoranthene mg/kg 0.072 ND Benzo(k)fluoranthene mg/kg 0.071 ND Chrysene 0.072 ND mg/kg Chrysene mg/kg 0.071 NO Diberizofa,hlanthracene mg/kg 0.072 ND) Dibenzo[a,h]arthracene 0.071 ND mg/kg Fluoranthene mg/kg 0.072 ND Fluoranthene mg/kg 0.071 ND Fluorens mg/kg 0.072 NO Fluorene mg/kg 0,071 ND indeno[1,2,3-cd]pyrene ma/ka 0.072 ND Indeno[1,2,3-cd]pyrene mg/kg 0.071 MD Nephihaienc mg/kg 0.972 ND Naphibalene 0.071 ND mg/kg Phenanthrece mg/kg 0.072 ND Phenanthrene 0.071 ND mg/kg Pyrene mg/kg 0.072 Fyrene mg/kg 0.071 ND PCE 8082 PCB 8082 Aroclor (Total) mg/kg 0.027 ND Arodor (Total) mg/kg 0.027 ND Aroclor-1016 mg/kg 0.027 ND Aroclor-1016 mg/kg 0.027 ND Aroclor-1221 mg/kg 0.027 ND) Araclor-1221 mg/kg 0.027 ND Aroctor-1232 mg/kg 0.027 ND Aroclor-1232 mg/kg 0.027 ND Aruclor-1242 mg/kg 0.027ND Aroclor-1242 mg/kg 0.027 NΠ Arocior-1248 mg/kg 0.027 NO Arodor-1248 mg/kg 0.027 ND Aspolor-1254 mg/kg 0.027 ND Aroctor-1254 C.027 ND mg/kg Arcolor-1260 0.027 ND Aroctor-1260 mg/kg C.027 ND mg/kg Arocler-1262 mg/kg 0.027 ND Arudor-1262 marka 0.027 ND Arocier-1268 0.027 ND Araclor-1268 rag/kg mgikg 0.027 ND TAL Metals 6010 TAL Metals 6010 100 Aluminum ma/ka 220 1200 Aluminum 100 mg/kg 210 1800 Antimony 100 mg/kg 2.2 NO Antimony 100 mgikg 2.1 ND Arsenic 100 2.9 Arsenic mg/kg 2.2 100 mg/kg 2.1 ND 100 13 Barium 11 ma/ka 100 mg/kg 11 NΩ Beryllum 100 mg/kg 0.65 ND Bervilium 100 mgikg 0.64 ND Cadmium 100 mg/kg 0,65 ND Cadmium 100 mg/kg 0.64 ND Calcium 100 mg/kg 1100 ND Calcium 100 1100 ND mg/kg Chromium Chromium 100 mg/kg 5.4 16 100 mg/kg 5.3 ND Coball Coball 100 rng/kg 2.7 ND 100 mgikg 2.7 NΩ Copper 100 5.4 14 Соррег 100 5.3 ND mg/kg mg/kg fron 100 220 6000 iron 100 210 mg/kg mg/kg 5200 Lead Lead 100 ma/ka 5.4 13 100 ma/ka 5.3 NO Magnesium 100 mg/kg 540 ND Magnesium 100 mg/kg 530 ND Manganese 100 mg/kg 11 25 Manganese 100 mg/kg ND Nickel Nickel 100 100 5.3 ND mg/kg mg/kg 5.4 7.0 Potassium 100 Potassium 100 mg/kg 540 ND mg/kg 530 ND Selenium Selenium 100 100 mg/kg 1.9 ND mg/kg 2.0 ND Silver 100 1,6 ND Silver 100 1.6 ND mg/kg mg/kg Scdium Spdium. 100 270 mg/kg ND 100 ma/ka 270 ND Thallium 100 Thallium 100 თეჩდ 1.3 ND mg/kg 1.3 MT) Vanadium Vanadium 100 mg/kg 11 ND 100 mg/kg 11 ND Zinc 100 Zinc 100 mg/kg 11 11 ND mg/kg

数数でご

Collection Date: 12/4/2009

Lab#: AC48729-016

Sample ID: SS08-A Sample ID: SS08-B DF DF TestGroup/Analyte Units RI Result TestGroup/Analyte Units RL Result % Solids SM2540G % Solids SM2540G % Solids percent 95 % Solids percent 68 Mercury (Soil/Waste) 7471A Mercury (Soil/Waste) 7471A 167 mg/kg 0.088 ND 167 mg/kg 0.12 ND PAH Compounds 8270 PAH Compounds 8270 mg/kg 0.070 NO C.099 ND Acenaph:hens Acenaphthene mg/kg Acenaphthylene mg/kg 0.070 ND Acenaphthylene mg/kg 0.098 ND 0.070 ND mg/kg 0.008 ND Anthracene mg/kg Anthracene Benzo[a]anthracene mg/kg 0.070 NO Benzolalan/hracene mg/kg 0.093 ND 0.070 690.0 ND Benzo[a]pyrene mg/kg ND Berizo[a]pyrene mg/kg Benzo[b]@uoranthene 0.070 ND Benzo(b)fluoranthene 0.098 ND mg/kg maka 0.098 ND Benzo(g,h,i)perylene 0.070 Benzo[g,h,i]perylene mg/kg NO mg/kg Benzo[k]fluoranthene mg/kg 0.070 ND Benzo[k]fluoranthene mg/kg 0.098 MO 0.070 ND 0.098 ND Chrysene mg/kg Chrysene mgikg Dipenzo[a,h]anthracene mg/ka 0.070 ND Dibenzo[a,h]anthracene mgikg 0.098 ND mgika 0.098 Fluoranthene ma/ka 0.070 NO Fluoranthere ND Fluorene wālķg 0.070 NO Fluorene mg/kg 0.098 ND Indeno[1,2,3-cd]pyrens mg/kg 0.070 ND indeno[1,2,3-cd]pyrene mg/kg 0,098 ND Naphthalene 0.070 ND Naphthaiene 0.098 ND mg/kg mg/kg 0.070 mg/kg Phenanthrena ND Pheranthrene 0.098 NĐ mg/kg Fyrens mg/kg 0.070 NO Pyrene тд/кр 0.098 ND PCB 8082 PCB 8082 Arocior (Total) 1 mg/kg 0.026 ND Aroclor (Total) mg/kg 0.037 ND 0.037 ND Aroclor-1016 mg/kg 0.026 ND Aroclor-1016 mg/kg Aroclor-1221 mg/kg 0.026 ND Aroclor-1221 mg/kg 0 037 ND 0.026 Aroclor-1232 0.037 ND Aroclar-1232 ma/ka ND malka Arcclor-1242 mg/kg 0.026 NO Aroclor-1242 mg/kg 0.037 NO Arocior-1248 0.C26 Arocior-1248 0.037 mg/kg ND mg/kg ND Arocler-1254 0.026 ND Aroclor-1254 0.037 ND ma/ka malka Arector-1260 mg/kg Arocler-1260 0.026 0.037 NO mg/kg NO Argeler-1262 mg/kg 0.026 ND Aroclor-1262 mg/kg 0.037 NÜ Aroclar-1268 mg/kg 0.026 ND Aroctor-1268 mg/kg 0.037 ND TAL Metals 6010 TAL Metals 6010 290 2800 Aleminum 100 mg/kg 210 940 Aluminum 100 mg/kg Antimony 100 mg/ka 2.1 MD Agtimony 100 mg/ka 2.9 ND Arsenic 100 mg/kg 2.1 3.0 Arsenic 100 mg/kg 2.9 4.2 Barium 100 11 ND Barium 100 15 ND mg/kg mg/kg Beryllium 100 mg/kg 0,63 ND Beryfflum 100 mg/kg 0.88 0.63 0.88 ND Cadmium 100 ND Cadmium 100 ma/ka mg/kg Calcium 100 mg/kg 1100 ND Calcium 100 ma/ka 1500 ND Chromium 100 mg/kg 5.3 NO Chromium 100 mg/kg 7.4 8.9 Cobalt 100 mg/kg 2.6 ND Cobalt 100 mg/kg 3.7 ND Copper 100 5,3 NO mg/kg ma/ka Copper 100 7.4 ND 6000 tron 100 mg/kg 216 iron 190 mg/kg 290 9200 Lead 100 mg/kg 5.3 5.6 Lead 100 mg/kg 7.4 ND Magnesium 100 mg/kg 530 ND Magnesium 100 mg/kg 740 ND 11 15 Manganese 100 mg/kg 33 Manganese 100 mg/kg ND Nickel 100 mg/kg 5.3 ΝĐ Nickel 100 mg/kg 7.4 NO Potassium 100 mg/kg 530 NÜ Potassium 100 mg/kg 740 ND 1.9 Selenium 100 mg/kg 2.6 ND Selenium 100 ΝÜ ma/kg Silver 100 Sliver 100 mg/kg 2.2 ND rng/kg 1.6 ND Sodium 100 mg/kg 260 MD Sodium 100 mg/kg 370 NĐ 100 1.3 ND Thallium 100 1.8 ND Thallium mg/kg mg/kg Vanadium 100 NĐ Vanadium 100 mg/kg mg/kg 11 16 ND

Zinc

Lab#: AC48729-015

Collection Date: 12/4/2009

100

mg/kg

11

26

Zinc

100

mg/ka

15

ΝĐ

Lab#: AC48729-017 Sample ID: FB	Collection Date: 12/4/2009						
TestGroup/Analyte	DF	Units	RL	Result			
Mercury (Water) 7470A							
Mercury	f	ug/I	0.50	ND			
PAH Compounds 8270							
Acenaphihene	1	ug/l	2.1	ND			
Acenaphlhylene	1	ug/i	2.1	ND			
Anthracene	1	ug/l	2.1	ND			
Benzo(a)anthracene	1	ug/l	2.1	ND			
Benzo(a)pyrene	1	ug/l	2.1	ND			
Benzo[b]fluoranthene	1	ug/I	2.1	ND			
Benzo(g,h,i)perylene	1	ug/l	2.1	ND			
Benzo[k]fluoranthene	1	ug/l	2.1	ND			
Chrysene	1	ug/l	2.1	ND			
Dibenzo[a,hjanthracene	1	ug/l	2.1	ND			
Fluoranthene	1	ug/I	2.1	ND			
Fluorene	3	ug/l	2.1	ND			
Indeno[1,2,3-cd]pyrene	1	ug/I	2.1	ND			
Naph:halene	1	ug/l	2.1	ND			
Phononthrens	1	ug/i	2.1	ND			
Pyrene	1	∪g/l	2.1	ND			
PCB 8082							
Arociar (Total)	1	ug/l	0.26	ND			
Arocior-1016	1	ug/l	0.26	ND:			
Aracior-1221	1	ug/l	0.26	ND			
Arocior-1232	1	ug/l	0.26	ND			
Arocier-1242	1	Lg/I	0.26	ND			
Aroclor-1248	1	ug/l	0.26	NO			
Arodin -1254	1	ug/l	0.26	ND			
Aroclor-1260	1	ug/I	0.26	ND			
Areclar-1262	1	ug/l	0.26	NO			
Aracler 1268	1	ug/l	0.26	NO			
TAL Metals 6010							
Aluminum	1	ug/i	2000	ND			
Antimony	1	ug/l	20	ND			
Arsenic	1	ug/l	20	NO			
Barium	1	ug/l	100	ND			
Beryllium	1	ug/l	6.0	ND			
Cadmium	1	ug/i	6.0	ND			
Calciem	1	ug/l	10000	ND			
Chromium	1	ug/l	50	ND			
Cobalt	1	ug/l	25	ND			
Copper	1	ug/l	50	ND			
iron	3	ug/I	2000	ND			
Lead	1	ug/l	50	ND			
Magnesium	1	vg/l	5000	ND			
Manganese	1	ug/l	100	ND			
Nickel	1	ug/l	50	ND			
Pctassium	1	ug/i	5000	NO			
Selenium	1	ug/l	18	ND			
Silver	1	ug/l	15	ND			
Scdium	1	up/I	2500	ND			
Thellium	1	ug/l	12	ND			
Vanadium	1	ug/l	100	ND			
Zinc	1	ug/ĭ	100	ND			

## ORGANICS SEMIVOLATILE REPORT

Sample Number: WMB4345

Client Id:

Data File: 9M22091.D Analysis Date: 12/10/09 10:39

Date Rec/Extracted: NA-12/09/09

Column: DB-5MS 30M 0.250mm ID 0.25um film

Method: EPA 8270C

Matrix: Aqueous Initial Vol: 1000ml

Final Vol: 1ml

Dilution: 1

Solids: 0

Units: ug/L

Cas#	Compound	RL	Conc	Cas #	Compound	RL	Conc
		2.0	U	218-01-9	Chrysene	2.0	U
208-96-B	Acenaphthylene	2.0	U	53-70-3	Dibenzo[a,h]anthracene	2.0	U
120-12-7	Anthracene	2.0	U	206-44-0	Fluoranthene	2.0	U
56-55-3	Benzo[a]anthracene	2.0	U	86-73-7	Fluorene	2.0	U
50-32-8	Benzo[a]pyrene	2.0	U	193-39-5	Indeno[1,2,3-cc]pyrene	2.0	U
205-99-2	Benzo[b]fluoranthene	2.0	U	91-20-3	Naphthalene	2.0	U
191-24-2	Benzo[q,h,i]perylene	2.0	U	85-01-8	Phenanthrene	2.0	U
		2.0	บ	129-00-0	Pyrene	2.0	U
	83-32-9 208-96-8 120-12-7 56-55-3 50-32-8 205-99-2 191-24-2	Cas # Compound  83-32-9 Acenaphthene  208-96-8 Acenaphthylene  120-12-7 Anthracene  56-55-3 Benzo[a]anthracene  50-32-8 Benzo[a]pyrene  205-99-2 Benzo[b]fluoranthene  191-24-2 Benzo[g,h,i]perylene  207-08-9 Benzo[k]fluoranthene	83-32-9       Acenaphthene       2.0         208-96-8       Acenaphthylene       2.0         120-12-7       Anthracene       2.0         56-55-3       Benzo[a]anthracene       2.0         50-32-8       Benzo[a]pyrene       2.0         205-99-2       Benzo[b]fluoranthene       2.0         191-24-2       Benzo[g,h,i]perylene       2.0	Cas #         Compound         RL         Conc           83-32-9         Acenaphthene         2.0         U           208-96-8         Acenaphthylene         2.0         U           120-12-7         Anthracene         2.0         U           56-55-3         Benzo[a]anthracene         2.0         U           50-32-8         Benzo[a]pyrene         2.0         U           205-99-2         Benzo[b]fluoranthene         2.0         U           191-24-2         Benzo[g,h,i]perylene         2.0         U	Cas #         Compound         RL         Conc         Cas #           83-32-9         Acenaphthene         2.0         U         218-01-9           208-96-8         Acenaphthylene         2.0         U         53-70-3           120-12-7         Anthracene         2.0         U         206-44-0           56-55-3         Benzo[a]anthracene         2.0         U         86-73-7           50-32-8         Benzo[a]pyrene         2.0         U         193-39-5           205-99-2         Benzo[b]fluoranthene         2.0         U         91-20-3           191-24-2         Benzo[g,h,i]perylene         2.0         U         85-01-8	Cas #         Compound         RL         Conc         Cas #         Compound           83-32-9         Acenaphthene         2.0         U         218-01-9         Chrysene           208-96-B         Acenaphthylene         2.0         U         53-70-3         Dibenzo[a,h]anthracene           120-12-7         Anthracene         2.0         U         206-44-0         Fluoranthene           56-55-3         Benzo[a]anthracene         2.0         U         86-73-7         Fluorene           50-32-8         Benzo[a]pyrene         2.0         U         193-39-5         Indeno[1,2,3-cc]pyrene           205-99-2         Benzo[b]fluoranthene         2.0         U         91-20-3         Naphthalene           191-24-2         Benzo[g,h,i]perylene         2.0         U         85-01-8         Phenanthrene	83-32-9         Acenaphthene         2.0         U         218-01-9         Chrysene         2.0           208-96-8         Acenaphthylene         2.0         U         53-70-3         Dibenzo[a,h]anthracene         2.0           120-12-7         Anthracene         2.0         U         206-44-0         Fluoranthene         2.0           56-55-3         Benzo[a]anthracene         2.0         U         86-73-7         Fluorene         2.0           50-32-8         Benzo[a]pyrene         2.0         U         193-39-5         Indeno[1,2,3-co]pyrene         2.0           205-99-2         Benzo[b]fluoranthene         2.0         U         91-20-3         Naphthalene         2.0           191-24-2         Benzo[g,h,i]perylene         2.0         U         85-01-8         Phenanthrene         2.0

Worksheet #: 138424

Total Target Concentration

ColumnID: (^) Indicates results from 2nd column

I - Indicates the compound was analyzed but not detected.

<sup>-</sup> Indicates the analyte was found in the blank as well as in the sample.

E - Indicates the unalyte concentration exceeds the calibration range of the instrument.

R - Retention Time Out

J - Indicates an estimated value when a compound is detected at less than the specified detection limit.

d - Pesticide %Diff>40% between columns due to coelution. Lower concentration used.

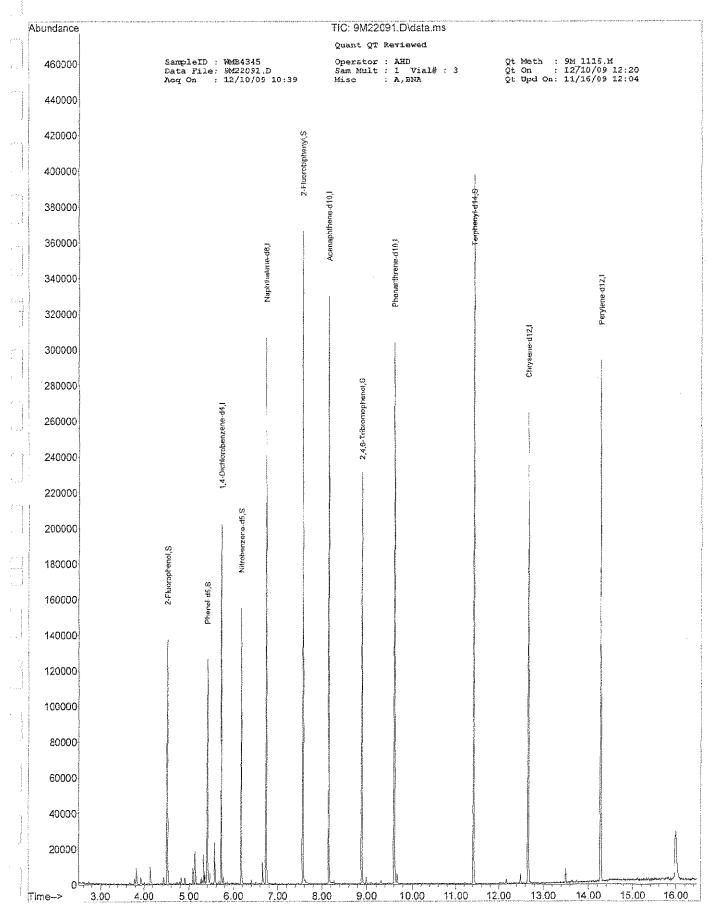
SampleID : WMB4345 Data File: 9M22091.D Operator : AHD
Sam Mult : 1 Vial# : 3
Misc : A,BNA Qt Meth : 9M 1116.M Qt On : 12710/09 12:20 Qt Upd On: 11/16/09 12:04 Acq Cn : 12/10/09 10:39

Data Path : G:\GcMsData\2009\GCMS 9\Data\12-10-09\
Qt Path : G:\GCMSDATA\2009\GCMS\_9\METHODQT\
Qt Resp Via : Initial Calibration

Compound	R.T.	QIon	Response	Conc U	nits Dev(Min)
Internal Standards				* *** *** *** *** *** *** *** *** ***	110 100 311 000 MF CM M, MF MA 6MF WW ME.
<ol> <li>1,4-Eichlorobenzene-d4</li> </ol>	5.717	152	27363	40.00	ng -0.01
23) Naphthalene-d8	6.728	136	113353	40.00	r.g -0.01
41) Acenaphthere-d10	8.151	1.54	64107	40.00	ng -0.01
67) Phenanthrere-d10	9.606	188	110752	40.00	ng -0.02
81) Chrysene-d12	12.660	240	96607	40.0C	ng ~0.02
96) Perylene-d12	14.275	254	100058	40.00	ng -0.01
System Monitoring Compounds					
4) 2-Fluorophenel	4.514	112	47537	48 84	ng -0.01
Spiked Amount 100.000					48.84%
9) Phenol-d5	5.402	99			ng -0.01
Spiked Amount 100.000					33.54%
24) Nitrobenzene-d5	6.167	128			ng -0.01
Spiked Amount 50.000					77.74%
46) 2-Fluorobiphenvl	7.563	172			ng -0.01
Spiked Amount 50.000					85.32%
70) 2,4,6-Tribromorhenol	8.889	330			ng -0.01
Spiked Amount 100.000					82.76%
84) Terphenyl-d14	11.414	244			ng -0.01
Spiked Amount 50.000					88.38%
Target Compounds					Qvalue

<sup>(#)</sup> = qualifier out of range (m) = manual integration (+) = signals summed





M\_1116.M Fri Dec 18 11:42:06 2009 RPT1

Page: 1

### ORGANICS SEMIVOLATILE REPORT

Sample Number: SMB4358

Client Id:

Data File: 10M09080.D

Analysis Date: 12/16/09 17:28

Date Rec/Extracted: NA-12/16/09

Column: DB-5MS 30M 0.250mm ID 0.25um film

Method: EPA 8270C

Matrix: Soil

Initial Vol: 30g

Final Vol: 1ml

Dilution: 1

Solids: 100

Units: mg/Kg

	_Cas#	Compound	RL	Conc	Cas#	Compound	RL	Conc
	83-32-9	Acenaphthene	0.067	U	218-01-9	Chrysene	0.067	U
	208-96-8	Acenaphthylene	0.067	U	53-70-3	Dibenzo[a,h]anthracene	0.067	U
,	120-12-7	Anthracene	0.067	U	206-44-0	Fluoranthene	0.067	U
	56-55-3	Benzo[a]anthracene	0.067	U	86-73-7	Fluorene	0.067	U
	50-32-8	Benzo[a]pyrene	0.067	U	193-39-5	Indeno[1,2,3-cd]pyrene	0.067	U
	205-99-2	Benzo[b]fluoranthene	0.067	U	91-20-3	Naphthalene	0.067	U
-	191-24-2	Benzo[g,h.i]perylene	0.067	U	85-01-8	Phenanthrene	0.067	U
	207-08-9	Benzo[k]fluoranthene	0.067	U	129-00-0	Pyrene	0.067	U

0

<sup>-</sup> Indicates the compound was analyzed but not detected.

o - Indicates the analyte was found in the blank as well as in the sample. E - Indicates the analyte concentration exceeds the calibration range of

<sup>&#</sup>x27;se instrument.

R - Retention Time Out

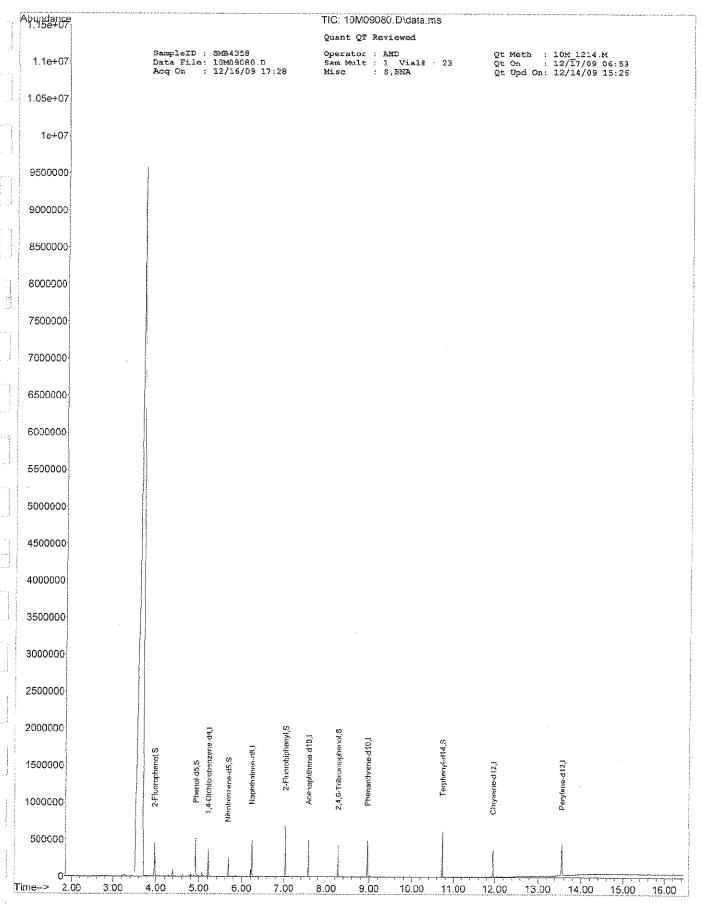
J - Indicates an estimated value when a compound is detected at less than the specified detection limit.
d - Pesticide %Diff>40% between columns due to coelution. Lower concentration used.

SampleID : SMB4358 Data File: 10M09080.D Acq On : 12/16/09 17:28 Qt Neth : 10M 1214.M Qt On : 12/17/09 06:53 Qt Upd On: 12/14/09 15:26 Operator : AHD Sam Mult : 1 Vial# : 23 Misc : S,BNA

Data Path : G:\GcMsData\2009\GCMs\_10\Data\12-16-09\Qt Path : G:\GcMsDATA\2009\GCMs\_10\METHODQT\Qt Resp Via : Initial Calibration

Compound	R.T.	QIon	Response	Conc U	nits Dev(Min)
Internal Standards					
<ol> <li>1,4-Dichlorobenzene-d4</li> </ol>	5.212	152	45113	40.00	ng -0.02
23) Naphthalene-d8	6.228		172115		ng -0.02
41) Acenaphthene-d10	7.571	164	100650	40.00	ng -0.02
67) Phenanthrene-d10	8.956	188	164124	40.00	ng -0.02
81) Chrysene-d12	11.951	240	148962	40.00	ng -0.03
96) Perylene-d12	13.550	264	171096	40.00	ng -0.02
System Monitoring Compounds					
4) 2-Fluorophencl	3.966	112	121402	96.71	ng 0.00
Spiked Amount 100.000			Recove		
9) Phenol-d5	4.923	99			ng -0.01
Spiked Amount 100.000			Recove	ry =	89.33%
24) Nitrobenzene-d5	5.672	128	31275	43.90	ng -0.02
Spiked Amount 50.000			Recove	ry =	87.80%
45) 2-Fluorobiphenyl	7.030	172	160602	46.34	ng -0.02
Spiked Amount 50.000			Recove	ry =	92.68%
70) 2,4,6-Tribromophenol	8.271	330	49101	103.23	ng -0.02
Spiked Amount 100.000			Recove	ry =	103.23%
84) Torphenyl-d14	10.732	244			ng -0.03
Spiked Amount 50.000			Recova	xy	96.56%
Target Compounds					Qvalue

<sup>(#)</sup> = qualifier out of range (m) = manual integration (+) = signals summed



### ORGANICS SEMIVOLATILE REPORT

Sample Number: SMB4360

Client ld:

Data File: 9M22199.D

Analysis Date: 12/17/09 14:25 Date Rec/Extracted: NA-12/17/09

Column: DB-5MS 30M 0.250mm ID 0.25um film

Method: EPA 8270C

Matrix: Soil

Initial Vol: 30g

Final Vol: 1ml

Dilution: 1

Solids: 100

Units: mg/Kg

				<b>WILLIAM</b>	שייישי			
14	Cas#	Compound	RL	Conc	Cas#	Compound	RL	Conc
	83-32-9	Acenaphthene	0.067	U	218-01-9	Chrysene	0.067	U
?	208-96-8	Acenaphthylene	0.067	U	53-70-3	Dibenzo[a,h]anthracene	0.067	U
	120-12-7	Anthracene	0.067	U	206-44-0	Fluoranthene	0.067	U
	56-55-3	Benzo[a]anthracene	0.067	U	86-73-7	Fluorene	0.067	U
	50-32-8	Benzo[a]pyrene	0,067	U	193-39-5	indeno[1,2,3-cd]pyrene	0.067	U
	205-99-2	Benzo[b]fluoranthene	0.067	U	91-20-3	Naphthalene	0.067	. U
	191-24-2	Benzo[g,h,i]perylene	0.067	U	85-01-8	Phenanthrene	0.067	U
: 1	207-08-9	Benzo[k]fluoranthene	0.067	U	129-00-0	Pyrene	0.067	U

Worksheet #: 138424

Total Target Concentration

ColumnID: (^) Indicates results from 2nd column

<sup>-</sup> Indicates the compound was analyzed but not detected.

B - Indicates the analyte was found in the blank as well as in the sample.

E - Indicates the analyte concentration exceeds the calibration range of 're instrument.

R - Retention Time Out

J - Indicates an estimated value when a compound is detected at less than the

specified detection limit. d - Pesticide %Diff>40% between columns due to coelution. Lower concentration used.

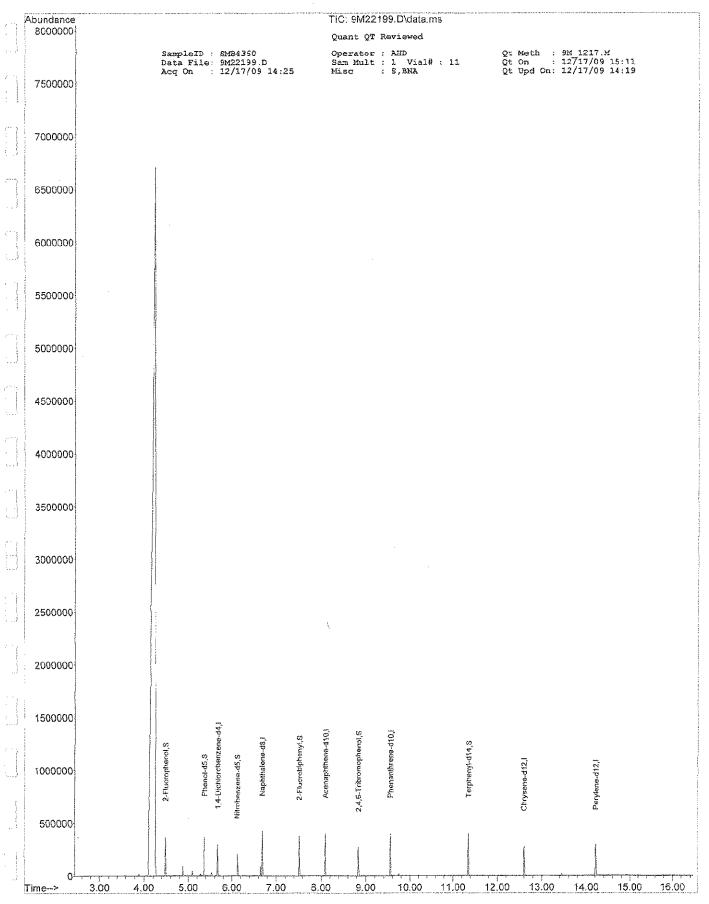
SampleID : SMB4360 Data File: 9M22199.D Acq Cn : 12/17/09 14:25 Operator : AHD Sam Mult : 1 Vial# : 11 Misc : S,BNA Qt Meth : 9M 1217.M Qt On : 12717/09 15:11 Qt Upd On: 12/17/09 14:19

Data Fath : G:\GcMsData\2009\GCMS\_9\Data\12-17-09\ .
Qt Fath : G:\GCMSDATA\2009\GCMS\_9\METHODQT\
Qt Resp Via : Initial Calibration

146103 4 80843 4 130196 4 100188 4	40.00 40.00 40.00 74.83	ng ng ng ng ng	0.00 0.00 0.00 0.00 0.00 0.00
146103 4 80843 4 130196 4 100188 4 102859 4	40.00 40.00 40.00 40.00 40.00	ng ng ng ng ng	0.00 0.00 0.00 0.00
80843 130196 100188 102859	40.00 40.00 40.00 40.00	ng ng ng ng	0.00 0.00 0.00
130196 100188 102859 4	40.00 40.00 40.00 74.83	ng ng ng	0.00 0.00 0.00
100188 4 102859 4	40.00 40.00 74.83	ng ng	0.00
102859 4 87071	74.83	ng ng	0.00
87071	74.83	ng	
	=		0.02
	=		0.02
	=		
120263	73.13	na	0.00
Recovery	<b>=</b>	73.13%	
22912 3	35.94	ng	0.00
Recovery			
		ng	0.00
Recovery			
18646 17			0.00
Recovery	===	74.41%	
110304 4	11.38	ng	0.00
Recovery			
1			10304 41.38 ng Recovery = 82.76%

<sup>(#) =</sup> qualifier out of range (m) = manual integration (+) = signals summed





### ORGANICS SEMIVOLATILE REPORT

Sample Number: AC48729-001

Client Id: SS01-A

Data File: 10M09083.D

Analysis Date: 12/16/09 18:34

Date Rec/Extracted: 12/04/09-12/16/09

Column: DB-5MS 30M 0.250mm ID 0.25um film

Method: EPA 8270C

Matrix: Soil

Initial Vol: 30g

Final Vol: 1ml

Dilution: 1

Solids: 93

Units: mg/Kg

	Cas#	Compound	RL	Conc	Cas#	Compound	RL	Conc	
ì	83-32-9	Acenaphthene	0.072	U	218-01-9	Chrysene	0.072	0.076	
. ?	208-96-8	Acesaphthylene	0.072	U	53-70-3	Dibenzo[a,h]anthracene	0.072	U	
	120-12-7	Anthracene	0.072	U	206-44-0	Fluoranthene	0.072	0.15	
1	56-55-3	Benzo[a]anthracene	0.072	U	86-73-7	Fluorene	0.072	U	
J	50-32-8	Benzo[a]pyrene	0.072	0.075	193-39-5	Indeno[1,2,3-cd]pyrene	0.072	U	
	205-99-2	Benzo[b]fluoranthene	0.072	0.11	91-20-3	Naphthalene	0.072	Ü	
1	191-24-2	Benzo[g,h,i]perylene	0.072	U	85-01-8	Phenanthrene	0.072	0.093	
4	207-08-9	Benzo[k]fluoranthene	0.072	U	129-00-0	Pyrene	0.072	0.13	

<sup>/-</sup> Indicates the compound was analyzed but not detected.

 $<sup>\</sup>beta$  - Indicates the analyte was found in the blank as well as in the sample,

E - Indicates the analyte concentration exceeds the calibration range of the instrument.

<sup>0.63</sup> R - Retention Time Out

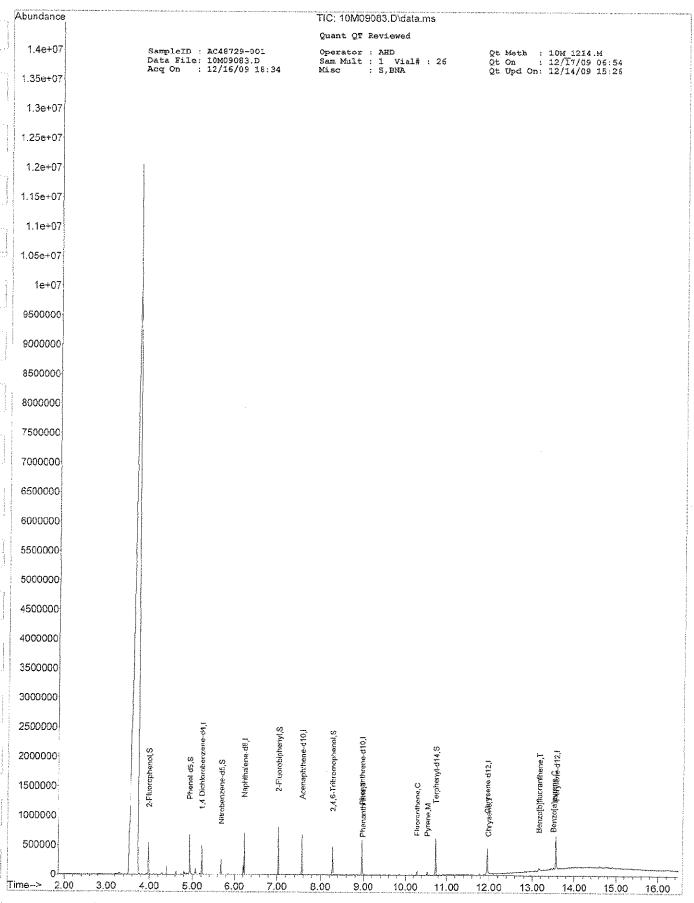
J - Indicates an estimated value when a compound is detected at less than the specified detection limit.
d - Pesticide %Diff>40% between columns due to coelution. Lower concentration used.

Qt Meth : 10M 1214.M Qt On : 12/17/09 06:54 Qt Upd On: 12/14/09 15:26 SampleID: AC48729-001 Data File: 10M09083.D Acg Cn: 12/16/09 18:34 Operator : AHD Sam Mult : 1 Vial# : 26 Misc : S,BNA

Data Path : G:\GcMsData\2009\GCMS\_10\Data\12-16-09\
Qt Path : G:\GcMsDATA\2009\CCMS\_10\METHODQT\
Qt Resp Via : Initial Calibration

Compound	R.T.	QIon	Response	Conc Ur	its	Dev(Min)
23) Nachthalene-d9	5.223	136		40.0C	ng	~0.02
41) Acenaphthene-d10 67) Phenanthrene-d10 81) Chrysene-d12 96) Perylone-d12	8.956 11.957 13.550	138 240	202477 174006	40.00 40.00	ng ng	-0.02 -0.03
System Monitoring Compounds					·	
4) 2-Fluorophencl Spiked Amount 100.000	3.976	112	139039 Reco <b>v</b> e	81.72 ry =	rg 81.	0.00
9) Phenol-d5 Spiked Amount 100.000	4.923	99	189436	76.76	ng	-0.01
24) Nitrobenzene-d5 Spiked Amount 50.000	5.677	128	35946 Recove	37.71	r.g	-0.02
46) 2-Fluorobiphenyl Spiked Amount 50.000	7.030	172	181534		ng	-0.02
70) 2,4,6-Tribromophenul Spiked Amount 100.000	8.271	330	53697 Recove	91.51	ng	-0.02
84) Terphenyl-d14 Spiked Amount 50.000	10.732	244	211089		ng	-0.03
Target Compounds						Qvalue
	8.977 10.277 10.534	202		4.30	ng	96 87 78
94) Chrysene 98) Benzo[b]fluoranthene 100) Benzo[a]pyrene	11.983	228 252	12935	2.13 3.02	ng ng	95

<sup>(#) =</sup> qualifier out of range (m) = manual integration (+) = signals summed



OM\_1214.M Fri Dec 18 11:42:17 2009 RPT1

### ORGANICS SEMIVOLATILE REPORT

Sample Number: AC48729-002

Client Id: SS01-B Data File: 9M22187.D

Analysis Date: 12/16/09 21:16 Date Rec/Extracted: 12/04/09-12/16/09

Column: DB-5MS 30M 0.250mm ID 0.25um film

Method: EPA 8270C

Matrix: Soil

Initial Vol: 30g Final Vol: 1ml

Dilution: 1 Solids: 85

Units: mg/Kg

	Cas#	Compound	RL	Conc	Cas #	Compound	RL	Conc	
- (	83-32-9	Acenaphthene	0.078	U	218-01-9	Chrysene	0.078	U	
J	208-96-8	Acenaphthylene	0.078	U	53-70-3	Dibenzo[a,h]anthracene	0.078	U	
	120-12-7	Anthracene	0.078	U	206-44-0	Fluoranthene	0.078	U	
-	56-55-3	Benzo[a]anthracene	0.078	ĮŪ	86-73-7	Fluorene	0.078	U	
1	50-32-8	Benzo[a]pyrene	0.078	U	193-39-5	Indeno[1,2,3-cd]pyrene	0.078	U	
	205-99-2	Benzo[b]fluoranthene	0.078	. U	91-20-3	Naphthalene	0.078	Ũ	
1	191-24-2	Benzo[g,h,i]perylene	D.078	U	85-01-8	Phenanthrene	0.078	U	
4	207-08-9	Benzo[k]fluoranthene	0.078	U	129-00-0	Pyrene	0.078	U	

U - Indicates the compound was analyzed but not detected.

B - Indicates the analyte was found in the blank as well as in the sample.

E - Indicates the analyic concentration exceeds the calibration range of the instrument.

R - Retention Time Out

J - Indicates an estimated value when a compound is detected at less than the specified detection limit.

d - Pesticide %Diff>40% between columns due to coeintion. Lower concentration used.

SampleID : AC48729-002 Data File: 9M22187.D Acq Cn : 12/16/09 21:16

Operator : AHD Sam Mult : 1 Vial# : 24 Misc : S,BNA

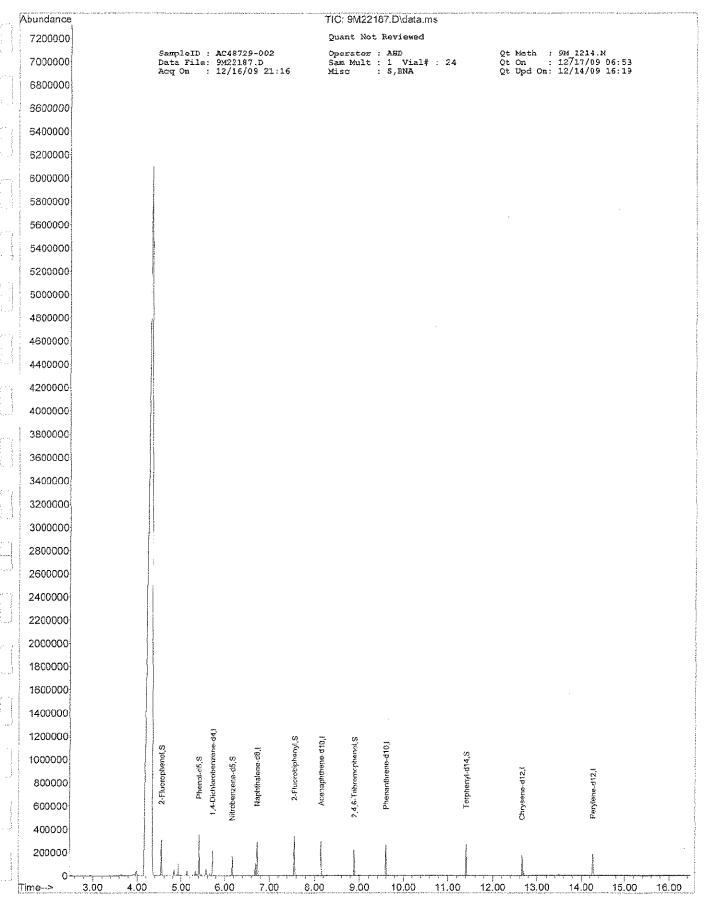
Misc

Qt Meth : 9M 1214.M Qt On : 12717/09 06:53 Qt Upd On: 12/14/09 16:19

Compound	R.T.	QIon	Response	Conc U	nits Dev(Min)
Internal Standards 1) 1,4-Dichlorobenzene-d4	5.723	152	27788	40.00	na 0.00
23) Naphthalene-c8					ng -0.01
41) Acenaphthene-d10					ng 0.00
67) Phenanthrene-d10					ng -0.01
81) Chrysene-d12					ng -0.02
96) Perylene-d12	14.275	254	61464		ng -0.02
System Monitoring Compounds					
4) 2-Fluorophenol	4.546	112	72202	88.42	ng 0.02
Spiked Amount 100.000			Recove		
9) Phenol-d5	5.413	99			ng 0.00
Spiked Amount 100.000					80,49%
24) Nitrobenzene-d5	6.172	128	18708	40.70	mg 0,00
Spiked Amount 50.000			Recove	ry =	81.40%
46) 2-Fluorobiphenyl	7.563	172	86358	45.08	ng -0.01
Spiked Amount 50.000			Recove:	ry =	90.16%
70) 2,4,6-Tribromophenol	8.889	330	16505	115.57	ng 0.00
Spiked Amount 100.000					115.57%
	11.414	244	78569	48.32	ng -0.01
Spiked Amount 50.000			Recove	ry =	96.649
Target Compounds					Qvalue

<sup>(#)</sup> = qualifier out of range (m) = manual integration (+) = signals summed

lle



### ORGANICS SEMIVOLATILE REPORT

Sample Number: AC48729-003

Client Id: SS02-A

Data File: 10M09084.D

Analysis Date: 12/16/09 18:56

Date Rec/Extracted: 12/04/09-12/16/09

Column: DB-5MS 30M 0.250mm ID 0.25um film

Method: EPA 8270C

Matrix: Soil

Initial Vol: 30g

Final Vol: 1ml

Dilution: 1

Solids: 92

Units: mg/Kg

	——————————————————————————————————————									
1	Cas#	Compound	RL	Conc	Cas#	Compound	RL	Conc		
1	83-32-9	Acenaphthene	0.072	U	218-01-9	Chrysene	0.072	U		
ž	208-96-8	Acenaphthylene	0.072	U	53-70-3	Dibenzo[a,h]anthracene	0.072	U		
	120-12-7	Anthracene	0.072	U	206-44-0	Fluoranthene	0.072	U		
1	<del>56-</del> 55-3	Benzo[a]anthracene	0.072	U	86-73-7	Fluorene	0.072	U		
	50-32-8	Benzo[a]pyrene	0.072	υ	193-39-5	Indeno[1,2,3-cd]pyrene	0.072	U		
	205-99-2	Benzo[b]fluoranthene	0.072	U	91-20-3	Naphthalene	0.072	U		
1	191-24-2	Benzo[g,h,i]perylene	0.072	U	85-01-8	Phenanthrene	0.072	U		
a Shah	207-08-9	Benzo[k]fluoranthene	0.072	U	129-00-0	Pyrene	0.072	Ų		

V - Indicates the compound was analyzed but not detected.

B - Indicates the analyte was found in the blank as well as in the sample. E - Indicates the analyte concentration exceeds the calibration range of

he instrument.

R - Retention Time Out

J - Indicates an estimated value when a compound is detected at less than the specified detection limit.

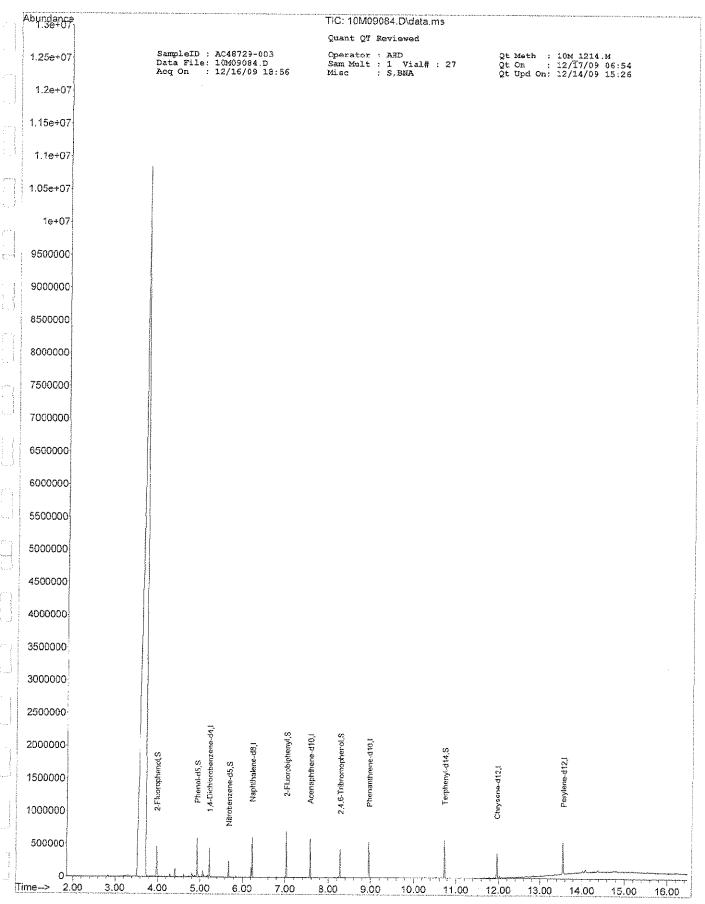
d - Pesticide %Diff>40% between columns due to coelution. Lower concentration used.

Data Path : G:\GcMsData\2009\GCMs\_10\Data\12-16-09\
Ot Path : G:\GcMsDATA\2009\GCMS\_10\METHODQT\
Ot Resp Via : Initial Calibration

Compound	R.T.	QIon	Response	Jone Ur	nits Dev(Min)		
Internal Standards							
	5.212	152	54910	40.00	ng -0.62		
23) Naphthalene-d8	6.228		204704	40.00	ng -0.02		
41) Acenaphthene-d10	7.570	164	112998	40.00	ng -0.02		
			183544	40.00	ng -0.02		
81) Chrysene-dl2	11.956	240	156385	40.00	ng -0.03		
95) Perylens-d12	13.550	264	183382	40.00	ng -0.02		
System Monitoring Compounds							
4) 2-Fluorophenol	3.971	112	129607	84.83	ng 0.00		
Spiked Amount 100.000	Recovery = $84.83$						
9) Phenol-d5	4.923	99			ng -0.01		
Spiked Amount 100.000			Recove	ry =	76.59%		
24) Nitrobenzene-d5	5.677	128	33201	39.18	ng -0.02		
Spiked Amount 50.000	Recovery =		ry =	78.36%			
46) 2-Fluorobiphenyl	7.030	172			ng -0.02		
Spiked Amount 50.000			Recove	xy =	83.54%		
70) 2,4,6-Tribromophenol	8.271	330			ng -0.02		
Spaked Amount 100.000					91.35%		
84) Terphenyl-dl4	10.732	244			ng -0.03		
Spiked Amount 50.000			Recove	ry =	87.20%		
Target Compounds					Qvalue		

(#) = qualifier out of range (m) = manual integration (+) = signals summed





DM\_1214.M Fri Dec 18 11:42:28 2009 RPT1

### ORGANICS SEMIVOLATILE REPORT

Sample Number: AC48729-004

Client Id: SS02-B Data File: 9M22208.D Analysis Date: 12/17/09 17:50

Date Rec/Extracted: 12/04/09-12/17/09

Column: DB-5MS 30M 0.250mm ID 0.25um film

Method: EPA 8270C

Matrix: Soil Initial Vol: 30g Final Vol: 1ml Dilution: 1

Solids: 87

Units: mg/Kg

1	Cas#	Compound	RL	Conc	Cas#	Compound	RL	Conc		
1	83-32-9	Acenaphthene	0.077	U	218-01-9	Chrysene	0.077	U		
1	208-96-8	Acenaphthylene	0.077	U	53-70-3	Dibenzo[a,h]anthracene	0.077	U		
	120-12-7	Anthracene	0.077	U	206-44-0	Fluoranthene	0.077	U		
ĺ	56-55-3	Benzo[a]anthracene	0.077	U	86-73-7	Fluorene	0.077	U		
/	50-32-8	Benzo[a]pyrene	0.077	U	193-39-5	Indeno[1,2,3-cd]pyrene	0.077	U		
	205-99-2	Benzo[b]fluoranthene	0.077	U	91-20-3	Naphthalene	0.077	U		
	191-24-2	Benzo[g,h,i]perylene	0.077	U	85-01-8	Phenanthrene	0.077	U		
4	207-08-9	Benzo(k)fluoranthene	0.077	U	129-00-0	Pyrene	0.077	U		

0

V - Indicates the compound was analyzed but not detected.

<sup>&</sup>quot;B - Indicates the analyte was found in the blank as well as in the sample.

E - Indicates the analyte concentration exceeds the calibration range of

R - Retention Time Out

J - Indicates an estimated value when a compound is detected at less than the specified detection limit.

d - Pesticide %Diff>40% between columns due to coelution. Lower concentration used.

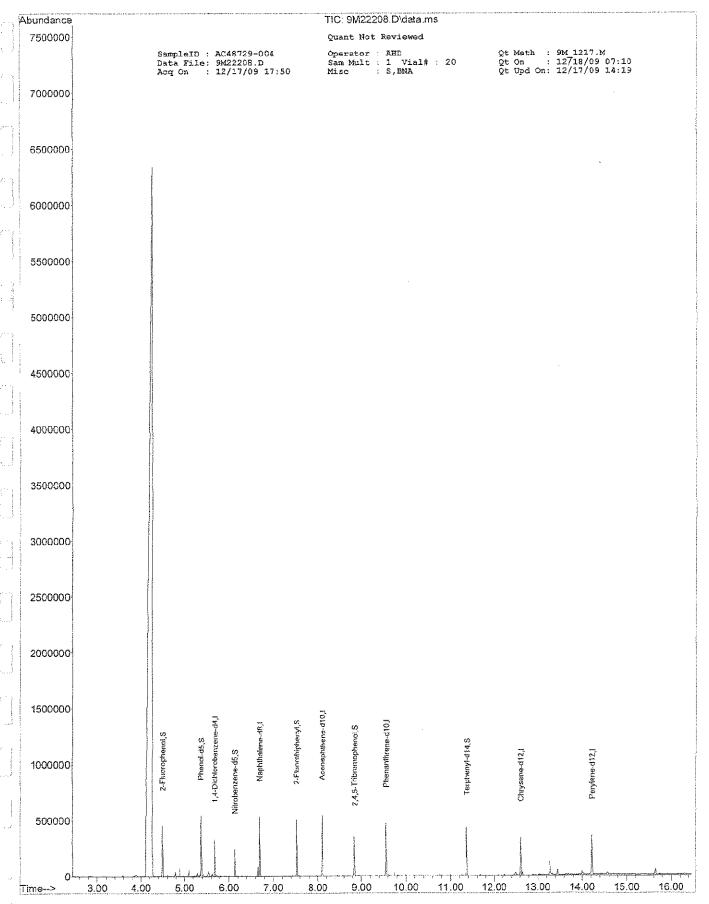
Qt Meth : 9M 1217.M Qt On : 12718/09 07:10 Qt Upd On: 12/17/09 14:19 SampleID: AC48729-004 Operator : AHD Sam Mult : 1 Vial# : 20 Misc : S,BNA Data File: 9M22208.D Acq On : 12/17/09 17:50 Misc

Data Path : G:\GcMsData\2009\GCMS\_9\Data\12-17-09\
Qt Path : G:\GCMSDATA\2009\GCMS\_9\METHODQT\
Qt Resp Via : Initial Calibration

Compound	R.T.	QIon	Response	Conc U	nits De	ev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	5.684	152	44008	40.00	na	0.00
23) Naphthalene-d8	6.689	136	176730		nģ	6,00
41) Acenaphthene-dl0	8.101	164	98462		nģ	
67) Phenanthrene-d10	9.556	188	153504		ng	
81) Chrysene-d12	12.605	240	116197	40.00	ng	0.00
96) Parylene-d12	14.215	264	113290	40.00	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	4.491	112	102534	75.45	ng	0.02
Spiked Amount 100.000				ry 🚥		
9) Phenol-d5	5.373	99	145197	75.60	ng	0.00
Spiked Amount 100.000			Recove	ry =	75.60	8
24) Nitrobenzene-d5	6.133	128	27172	35.24	ng	0.00
Spiked Amount 50.000			Recova	ry =	70.48	ક
45) 2-Eluorobiphenyl	7.518	172	123230	36.16	ng	0.00
Spiked Amount 50.000			Recove	ry ⇔	72.32	S <sub>G</sub>
70) 2,4,6-Tribromophenol	8.839	330	24910	84.31	ng	0.00
Spiked Amount 100,000			Recove	ry -	84.31	용
84) Terphenyl-d14	11.364	244	128444	41.36	ng	0.00
Spiked Amount 50.000			Recove	xy ==	82.72	B
Target Compounds					C	value

<sup>(#) =</sup> qualifier out of range (m) = manual integration (+) = signals summed





M\_1217.M Fri Dec 18 11:42:33 2009 RPT1

## ORGANICS SEMIVOLATILE REPORT

Sample Number: AC48729-005

Client Id: SS03-A

Data File: 10M091'13.D

Analysis Date: 12/17/09 19:00

Date Rec/Extracted: 12/04/09-12/17/09

Column: DB-5MS 30M 0.250mm ID 0.25um film

Method: EPA 8270C

Matrix: Soil

Initial Vol: 30g

Final Vol: 1ml

Dilution: 1

Solids: 94

Units: mg/Kg

٠.,	Cas#	Compound	RL	Conc	Cas#	Compound	RL	Conc
	83-32-9	Acenaphthene	0.071	U	218-01-9	Chrysene	0.071	U
	208-96-8	Acenaphthylene	0.071	U	53-70-3	Dibenzo[a_h]anthracene	0.071	U
. ,	120-12-7	Anthracene	0.071	U	206-44-0	Fluoranthene	0.071	U
	56-55-3	Benzo[a]anthracere	0.071	U	86-73-7	Fluorene	0.071	U
į	50-32-8	Benzo[a]pyrene	0.071	U	193-39-5	Indeno[1,2,3-cd]pyrene	0.071	U
	205-99-2	Benzo[b]fluoranthene	0.071	U	91-20-3	Naphthalene	0.071	U
1	191-24-2	Benzo[g,h,i]perylene	0.071	U	85-01-8	Phenanthrene	0.071	U
ij	207-08-9	Benzo[k]fluoranthene	0.071	U	129-00-0	Pyrene	0.071	U

<sup>[-</sup> Indicates the compound was analyzed but not detected.
B - Indicates the analyte was found in the blank as well as in the sample.

E - Indicates the analyte concentration exceeds the calibration range of he instrument.

R - Retention Time Out

J - Indicates an estimated value when a compound is detected at less than the specified detection limit.

d - Pesticide %Diff>40% between columns due to coelution. Lower concentration used.

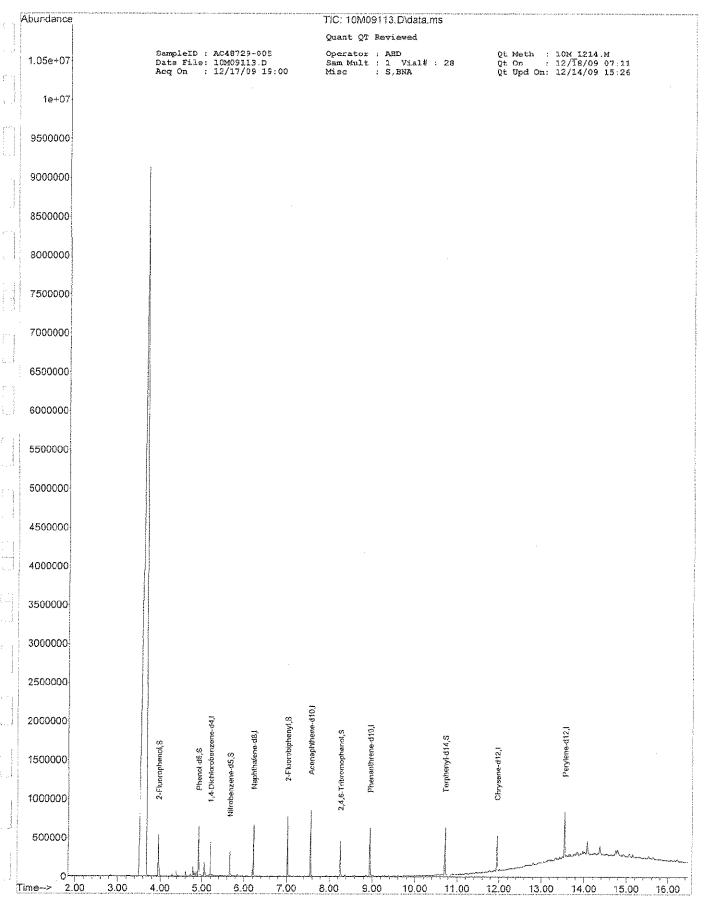
SampleID : AC48729-005 Data File: 10M09113.D Acq On : 12/17/09 19:00 Qt Meth : 10M 1214.M Qt Cn : 12/18/09 07:11 Qt Upd On: 12/14/09 15:26 Operator : AHD
Sam Mult : 1 Vial# : 28
Nisc : S,BMA

Data Path : G:\GcMsData\2009\GCMS\_10\Data\12-17-09\
Qt Path : G:\GCMSDaTa\2009\GCMS\_10\METHODQT\
Qt Resp Via : Initial Calibration

Compound	R.T.	QIon	Response	Conc U	nits Dev(Min)
Internal Standards					
1) 1,4-Dichlorobenzone-d4	5.201	152	66635	40.00	ng -0.03
23) Naphthalene-d8	6.217	136	255200	40.00	ng -0.03
41) Acenaphthene-d10	7.560	164	145566	40.00	ng -0.03
67) Phenanthrene-d10			223643	40.00	ng = -0.03
81) Chrysene-d12	11.951	240	192755	40.00	ng -0.03
96) Perylene-d12	13.550	264	225784	40.00	ng -0.02
System Monitoring Compounds					
4) 2-Fluorophenol	3.960	112	150442	81.14	ng -0.01
Spiked Amount 100.000					81.14%
	4.918	99			ng -0.02
9) Phenol-d5 Spiked Amount 100.000			Recove	ery =	75.04%
24) Nitrobonzeno-d5	5.666	128			ng -0.03
Spiked Amount 50.000			Recove	ery =	73.18%
46) 2-Fluorobiphenyl	7.020	172			ng -0.03
Spiked Amount 50.000					79.14%
70) 2,4,6-Tribromophenol	8.266	330	52268	80.64	ng -0.03
Spiked Amount 100.000			Recove	erv =	30.64%
84) Terphenyl-d14	10.721	244			ng -0.04
Spiked Amount 50.000					ã0.42%
Target Compounds					Qvalue

<sup>(#) =</sup> qualifier out of range (m) = manual integration (+) = signals summed





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Page: 1

#### ORGANICS SEMIVOLATILE REPORT

Sample Number: AC48729-006

Client ld: SS03-B

Data File: 10M09116.D

Analysis Date: 12/17/09 20:06

Date Rec/Extracted: 12/04/09-12/17/09

Column: DB-5MS 30M 0.250mm ID 0.25um film

Method: EPA 8270C

Matrix: Soil

Initial Vol: 30g

Final Vol: 1ml

Dilution: 1

Solids: 86

Units: mq/Kq

	Cities inglise										
ų.	Cas #	Compound	RL	Conc	Cas#	Compound	RL	Conc			
-	83-32-9	Acenaphthene	0.078	U	218-01-9	Chrysene	0.078	U			
1	208-96-8	Acenaphthylene	0.078	U	53-70-3	Dibenzo[a,h]anthracene	0.078	U			
	120-12-7	Anthracene	0.078	U	206-44-0	Fluoranthene	0.078	U			
1	56-55-3	Benzo[a]anthracene	0.078	U	86-73-7	Fluorene	0.078	U			
1	50-32-8	Benzo[a]pyrene	0.078	U	193-39-5	Indeno[1,2,3-cd]pyrene	0.078	U			
	205-99-2	Benzo[b]fluoranthene	0.078	U	91-20-3	Naphthalene	0.078	U			
1	191-24-2	Benzo[g,h,i]perylene	0.078	U	85-01-8	Phenanthrene	0.078	U			
1	207-08-9	Benzo[k]fluoranthene	0.078	U	129-00-0	Pyrene	0.078	U			

Worksheet #: 138424

Total Target Concentration

CelumnID: (^) Indicates results from 2nd column

<sup>-</sup> Indicates the compound was analyzed but not detected.

a - Indicates the analyte was found in the blank as well as in the sample.

E - Indicates the analyte concentration exceeds the calibration range of the instrument.

R - Retention Time Out

J - Indicates an estimated value when a compound is detected at less than the specified detection limit.

d - Pesticide %Diff>40% between columns due to coelution. Lower concentration used.

SampleTD: AC48729-006 Data File: 10M09116.D Acq Cn: 12/17/09 20:06

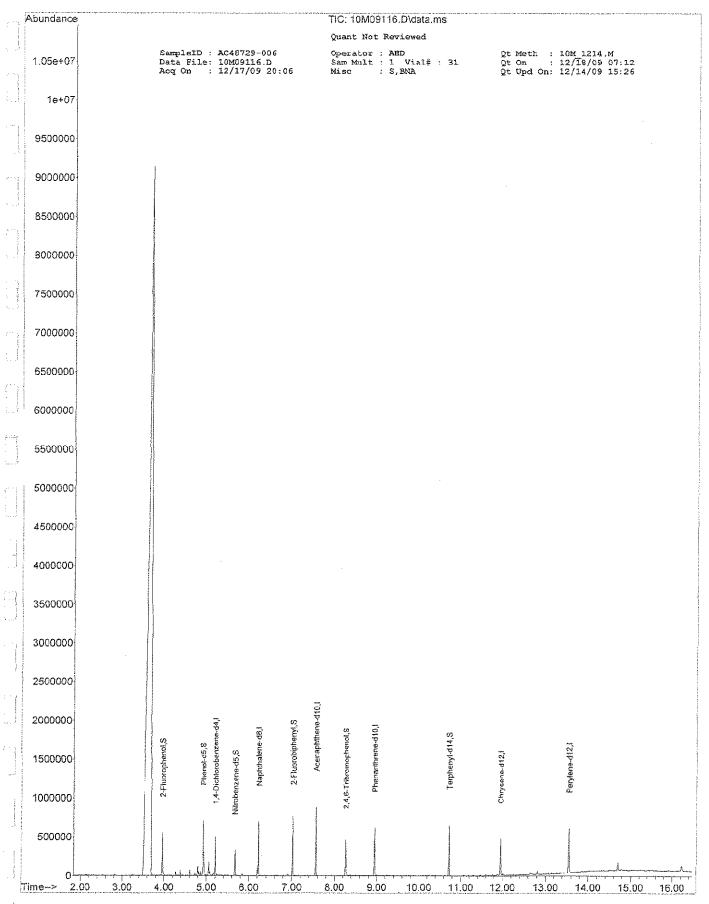
Operator : AHD Sam Mult : 1 Vial# : 31 Misc : S,BNA Qt Meth : 10M 1214.M Qt On : 12/18/09 07:12 Qt Upd On: 12/14/09 15:26

Data Path : G:\GcMsData\2009\GCMS 10\Data\12-17-09\Qt Path : G:\GCMSDATA\2009\GCMS 10\METHODQT\Qt Resp Via : Initial Calibration

Compound	R.T.	Qion	Response	Conc U	nits Dev(Min)
Internal Standards					
<ol> <li>1,4-Dichlorobenzene-d4</li> </ol>	5.207	152	68997	40.00	ng -0.02
	6.217		265046		ng -0.03
41) Acenaphthene-d10	7.560	1.54	153288	40.00	ng -0.03
67) Phenanthrene-d10	8.945	188	229430	40.00	ng0.03
81) Chrysene-d12	11.946	240	192336	40.00	ng -0.04
96) Perylene-d12	13.545	264	224506	40.00	ng -0.03
System Monitoring Compounds					
4) 2-Fluorophencl	3 960	1172	157604	92 14	ng -0.01
Spiked Amount 100.000	3.300	بيك باد داد			82.14%
	এ গাল	99			ng -0.02
9) Phenol d5 Spiked Amount 100.000	3.040				77.89%
24) Nitrobenzene-d5	5 667	128			ng -0.03
Spiked Amount 50.000	4.001	J. E. O			74.36%
45) 2-Fluorobiphenyl	7.025	172			ng -0.02
Spiked Amount 50.000					78.50%
70) 2,4,6-Tribromophencl	8.266	330			ng -0,63
Spiked Amount 100.000					82.03%
84) Terphenyl-d14	10.721	244			ng -0.04
Spiked Amount 50.000					83.52%
Target Compounds			~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~		Qvalue

<sup>(#) =</sup> qualifier out of range (m) = manual integration (+) = signals summed





OM\_1214.M Fri Dec 18 11:42:44 2009 RPT1

## ORGANICS SEMIVOLATILE REPORT

Sample Number: AC48729-007

Client Id: SS04-A

Data File: 10M09114.D

Analysis Date: 12/17/09 19:22

Date Rec/Extracted: 12/04/09-12/17/09

Column:DB-5MS 30M 0.250mm ID 0.25um film

Method: EPA 8270C

Matrix: Soil

Initial Vol: 30g

Final Vol: 1ml

Dilution: 1

Solids: 92

Units: mg/Kg

1	Cas#	Compound	RLRL	Conc	Cas#	Compound	RL	Conc	
	83-32-9	Acenaphthene	0.072	U	218-01-9	Chrysene	0.072	0.15	_
	208-96-8	Acenaphthylene	0.072	U	53-70-3	Dibenzo[a,h]anthracene	0.072	บ	
,	120-12-7	Anthracene	0.072	U	206-44-0	Fluoranthene	0.072	0.26	
Ì	56-55-3	Benzo[a]anthracene	0.072	0.15	86-73-7	Fluorene	0.072	U	
. !	50-32-8	Benzo[a]pyrene	0.072	0.13	193-39-5	Indeno[1,2,3-cd]pyrene	0.072	0.078	
	205-99-2	Benzo[b]fluoranthene	0.072	0.18	91-20-3	Naphthalene	0.072	U	
1	191-24-2	Benzo[g,h,i]perylene	0.072	0.087	85-01-8	Phenanthrene	0.072	U	
	207-08-9	Benzo[k]fluoranthene	0.072	U	129-00-0	Pyrene	0.072	0.24	

Worksheet #: 138424

Total Target Concentration

ColumnID: (^) Indicates results from 2nd column

1.3

y - Indicates the compound was analyzed but not detected.

B - Indicates the analyte was found in the blank as well as in the sample.

E - Indicates the analyte concentration exceeds the calibration range of he instrument.

R - Retention Time Out

J - Indicates an estimated value when a compound is detected at less than the

specified detection limit.
d - Pesticide %Diff>40% between columns due to coelution. Lower concentration used.

SampleID : AC48729-007 Data File: 1CMC9114.D Acq On : 12/17/09 19:22

Operator : AND Sam Mult : 1 Vial# : 29 Misc : S,BNA

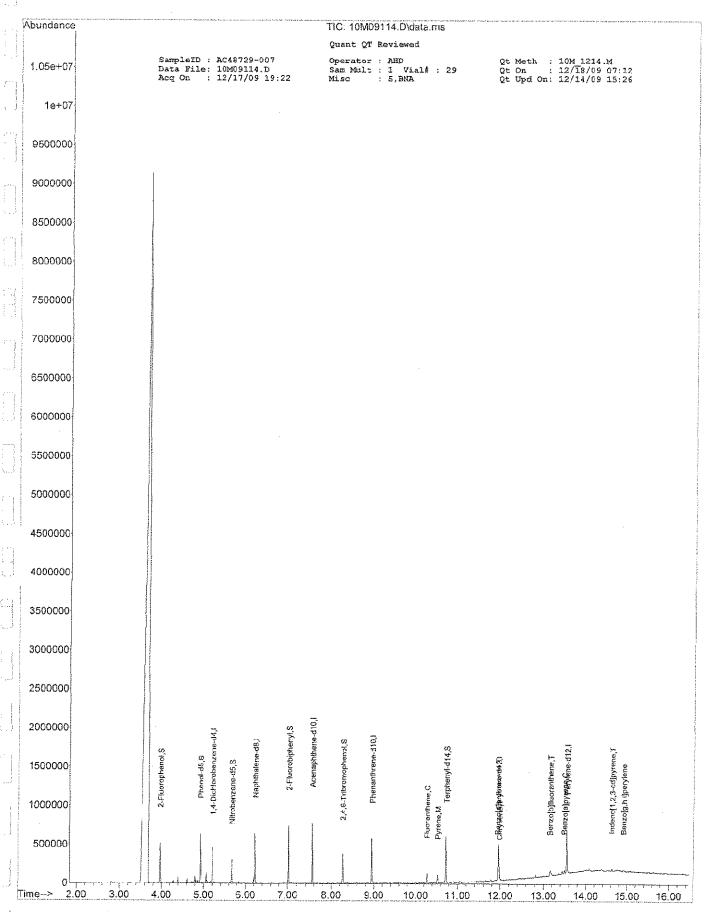
Qt Meth : 10M 1214.M Qt On : 12/18/09 07:12 Qt Upd On: 12/14/09 15:26

Data Path : G:\GcMsData\2009\GCMS\_10\Data\12-17-09\
Qt Path : G:\GCMSDATA\2009\GCMS\_10\METHODQT\
Qt Resp Via : Initial Calibration

Internal Standards	Compound	R.T.	QIon	Response	Conc U	nits	Dev(Min)
23) Naphthalene-d8 6.217 136 246934 40.00 ng -0.03 41) Acenaphthere-d10 7.560 164 138249 40.00 ng -0.03 67) Phenanthrene-d10 8.950 188 213576 40.00 ng -0.03 81) Chrysene-d12 11.946 240 180957 40.00 ng -0.04 96) Perylene-d12 13.545 264 208813 40.00 ng -0.03 200 200 200 200 200 200 200 200 200 2							
47) Acenaphthere-d10	i) 1,4-Dichlorobenzene-d4	5.208	152	64402	40.00	r.g	-0.02
81) Chrysene-dl2	23) Naphthalene-d8			246934	40.00	ng	-0.03
81) Chrysene-dl2	41) Acenaphthere-d10	7.560	164	138249	40.00	ng	-0.03
81) Chrysene-d12	0/) Phenanthrene-dlu	8.950	188	213576	40.00		
System Monitoring Compounds         4) 2-Fluorophencl       3.960       112       147695       82.42 ng       -0.01         Spiked Amount       100.000       Recovery       82.42%       -0.02         Spiked Amount       100.000       Recovery       76.82%       -0.02         24) Nitrobenzene-d5       5.666       128       38477       37.64 ng       -0.03         Spiked Amount       50.000       Recovery       75.28%         46) 2-Fluorobiphenyl       7.020       172       196425       41.26 ng       -0.03         Spiked Amount       50.000       Recovery       82.52%       -0.03         70) 2,4,6-Tribromophenel       8.266       330       45792       73.98 ng       -0.03         Spiked Amount       100.000       Recovery       73.98 ng       -0.03         84) Terphenyl-di4       10.726       244       209779       40.99 ng       -0.03         80) Fluoranthene       10.272       202       51331       7.39 ng       80         80) Pyrene       10.528       202       46548       6.74 ng       83         93) Benzo[a] anthracene       11.978       228       25334       4.10 ng       96         98)	81) Chrysene-d12	11.946	240	180957			
3.960   112   147695   82.42   ng   -0.01   Recovery   82.42   8   9   Phenol-d5   4.918   99   199675   76.82   ng   -0.02   Recovery   76.82   76.82   ng   -0.02   Recovery   76.82   ng   -0.03   Recovery   76.82   ng   -0.03   Recovery   75.28   ng   -0.03   Recovery   82.52   ng   -0.03   Recovery   82.52   ng   -0.03   Recovery   82.52   ng   -0.03   Recovery   73.98   ng   -0.03   Recovery   81.98   ng   -0.03   ng   -0.03   ng   ng   ng   ng   ng   ng   ng   n	96) Perylene-d12	13.545	264	208813	40.00	ពថ្ង	-0.03
Spiked Amount	System Monitoring Compounds						
9) Phenol-d5 Spiked Amount 100.000 Spiked Amount 50.000 At trobenzene-d5 Spiked Amount 50.000 Spiked Amount 50.000 Spiked Amount 50.000 Spiked Amount 50.000 Spiked Amount 50.000 Spiked Amount 50.000 Spiked Amount 50.000 Spiked Amount 100.000 Spiked Amount 50.000 Spiked Amount 100.000 Spiked Amount 50.000 Spiked A	4) 2-Fluorophencl	3.960	1.1.2				
Spiked Amount	Spiked Amount 100.000			Recove	ry ≖	82.	.42%
24) Nitrobenzene-d5	9) Phenol-d5	4.918	99				
Spiked Amount         50.000         Recovery         = 75.28%           46) 2-Fluorobiphenyl         7.020         172         196425         41.26 ng         -0.03           Spiked Amount         50.000         Recovery         = 82.52%           70) 2,4,6-Tribromophenel         8.266         330         45792         73.98 ng         -0.03           Spiked Amount         100.000         Recovery         = 73.98%           84) Terphenyl-di4         10.726         244         209779         40.99 ng         -0.03           Spiked Amount         50.000         Recovery         = 81.98%           Target Compounds           80) Fluoranthene         10.272         202         51331         7.09 ng         87           82) Pyrene         10.528         202         46548         6.74 ng         83           93) Benzo[a]anthracene         11.935         228         27570         4.14 ng         95           94) Chrysane         11.978         228         25934         4.10 ng         96           98) Benzo[b] fluoranthene         13.155         252         32752m         5.04 ng           100) Benzo[a]pyrene         13.491         252         22236         3.55 ng </td <td>Spiked Amount 100.000</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td>	Spiked Amount 100.000						
46) 2-Fluorobiphenyl 7.020 172 196425 41.26 ng -0.03 Spiked Amount 50.000 Recovery = 82.52% 70) 2,4,6-Tribromophenel 8.266 330 45792 73.98 ng -0.03 Spiked Amount 100.000 Recovery = 73.98% 73.98 hg -0.03 Spiked Amount 50.000 Recovery = 73.98% 84) Terphenyl-di4 10.726 244 209779 40.99 ng -0.03 Spiked Amount 50.000 Recovery = 81.98% 74 Spiked Amount 50.000 Recovery = 81.98% 75 Spiked Amount 50.000 Recovery = 81.98% 75 Spiked Amount 50.000 Recovery = 81.98% 75 Spiked Amount 50.000 Recovery = 81.98% 75 Spiked Amount 50.000 Recovery = 81.98% 75 Spiked Amount 50.000 Recovery = 81.98% 75 Spiked Amount 50.000 Recovery = 81.98% 75 Spiked Amount 50.000 Recovery = 81.98% 75 Spiked Amount 50.000 Recovery = 81.98% 75 Spiked Amount 50.000 Recovery = 81.98% 75 Spiked Amount 50.000 Recovery = 81.98% 75 Spiked Amount 50.000 Recovery = 82.52% 75 Spiked Amount 50.000 Recovery = 82.52% 75 Spiked Amount 50.000 Recovery = 73.98 ng -0.03 Recovery = 73.98% 75 Spiked Amount 50.000 Recovery = 81.98% 75 Spiked Amount 50.000 Recovery = 82.52% 75 Spiked Amount 50.000 Recovery = 82.52% 75.98 ng -0.03 Recovery = 73.98% 75 Spiked Amount 50.000 Recovery = 82.52% 75 Spiked Amount 50.000 Recovery = 73.98 ng -0.03 Recovery = 73.98% 75 Spiked Amount 50.000 Recovery = 82.52% 75 Spiked Amount 50.000 Recovery = 73.98 ng -0.03 Recovery = 73.98 ng -0.03 Recovery = 73.98 ng -0.03 Recovery = 73.98 ng -0.03 Recovery = 73.98 ng -0.03 Recovery = 82.52% 75 Spiked Amount 50.000 Recovery = 82.52% 75 Spiked Amount 50.000 Recovery = 81.98% 75 Spiked Amount 50.000 Recovery = 81.98% 75 Spiked Amount 50.000 Recovery = 81.98% 75 Spiked Amount 50.000 Recovery = 82.52% 75 Spiked Amount 50.000 Recovery = 82.52% 75 Spiked Amount 50.000 Recovery = 81.98% 75 Spiked Amount 50.000 Recovery = 82.52% 75 Spiked Amount 50.000 Recov	24) Nitrobenzene-d5	5.666	128				
Spiked Amount         50.000         Recovery         =         82.52%           70) 2,4,6-Tribromophenel         8.266         330         45792         73.98 ng         -0.03           Spiked Amount         100.000         Recovery         =         73.98%           84) Terphenyl-di4         10.726         244         209779         40.99 ng         -0.03           Spiked Amount         50.000         Recovery         =         81.98%           Target Compounds         Qvalue           80) Fluoranthene         10.272         202         51331         7.39 ng         87           82) Pyrene         10.528         202         46548         6.74 ng         83           93) Benzo[a]anthracene         11.935         228         27570         4.14 ng         95           94) Chrysene         11.978         228         25834         4.10 ng         96           98) Benzo[b] fluoranthene         13.155         252         32752m         5.04 ng           100) Benzo[a]pyrene         13.491         252         22236         3.55 ng         87           101) Indeno[1, 2, 3-cd]pyrene         14.625         276         14613         2.14 ng         83	Spiked Amount 50.000						
70) 2,4,6-Tribromorhenel 8.266 330 45792 73.98 ng -0.03 Spiked Amount 100.000 Recovery = 73.98% 73.98 ng -0.03 Spiked Amount 50.000 Recovery = 73.98% 73.98% 75.000 Recovery = 81.98% 75.000 Recover	46) 2-Fluorobiphenyl	7.020	172				
Spiked Amount 100.000 84) Terphenyl-di4 Spiked Amount 50.000  Target Compounds 80) Fluoranthene 80) Pyrene 810,528 202 46548 6.74 ng 83 93) Benzo[a]anthracene 11.935 228 27570 4.14 ng 95 94) Chrysana 98) Benzo[b] fluoranthene 13.155 252 32752m 5.04 ng 100) Benzo[a]pyrene 13.491 252 2236 3.55 ng 87 101) Indeno[1,2,3-cd]pyrene 14.625 276 14613 2.14 ng 83							
84) Terphenyl-di4		8.266	330	45792	73.98	ng	-0.03
Spiked Amount     50.000     Recovery     = 81.98%       Target Compounds     Qvalue       80) Fluoranthene     10.272 202 51331 7.39 ng 87       82) Pyrene     10.528 202 46548 6.74 ng 83       93) Benzo[a]anthracene     11.935 228 27570 4.14 ng 95       94) Chrysene     11.978 228 25934 4.10 ng 96       98) Benzo[b] fluoranthene     13.155 252 32752m 5.04 ng       100) Benzo[a]pyrene     13.491 252 2236 3.55 ng 87       101) Indeno[1,2,3-cd]pyrene     14.625 276 14613 2.14 ng 83				Recove	ry ≃	73.	. 98%
Target Compounds  80) Fluoranthene 10.272 202 51331 7.09 ng 87 82) Pyrane 10.528 202 46548 6.74 ng 83 93) Benzo[a]anthracene 11.935 228 27570 4.14 ng 95 94) Chrysene 11.978 228 25834 4.10 ng 96 98) Benzo[b]fluoranthene 13.155 252 32752m 5.04 ng 100) Benzo[a]pyrane 13.491 252 22236 3.55 ng 87 101) Indeno[1,2,3-cd]pyrane 14.625 276 14613 2.14 ng 83		10.726	244	209779	40.99	ng	-0.03
80) Fluoranthene 10.272 202 51331 7.09 ng 87 82) Pyrene 10.528 202 46548 6.74 ng 83 93) Benzo[a]anthracene 11.935 228 27570 4.14 ng 95 94) Chrysana 11.978 228 25934 4.10 ng 96 98) Benzo[b]fluoranthene 13.155 252 32752m 5.04 ng 100) Benzo[a]pyrene 13.491 252 22236 3.55 ng 87 101) Indeno[1,2,3-cd]pyrene 14.625 276 14613 2.14 ng 83	Spiked Amount 50.000			Recove	ry =	81	.98%
82) Pyrene 10.528 202 46548 6.74 ng 83 93) Benzo[a] anthracene 11.935 228 27570 4.14 ng 95 94) Chrysene 11.978 228 25834 4.10 ng 96 98) Benzo[b] fluoranthene 13.155 252 32752m 5.04 ng 100) Benzo[a]pyrene 13.491 252 2236 3.55 ng 87 101) Indeno[1,2,3-cd]pyrene 14.625 276 14613 2.14 ng 83	Target Compounds						Qvalue
93) Benzo[a]anthracene 12.935 228 27570 4.14 ng 95 94) Chrysene 11.978 228 25934 4.10 ng 96 98) Benzo[b]fluoranthene 13.155 252 32752m 5.04 ng 100) Benzo[a]pyrene 13.491 252 22236 3.55 ng 87 101) Indeno[1,2,3-cd]pyrene 14.625 276 14613 2.14 ng 83	80) Fluoranthene	10.272	202	51331	7.39	ng	
94) Chrysene 11.978 228 25834 4.10 ng 96 98) Benzo[b] fluoranthene 13.155 252 32752m 5.04 ng 100) Benzo[a]pyrene 13.491 252 22236 3.55 ng 87 101) Indeno[1,2,3-cd]pyrene 14.625 276 14613 2.14 ng 83	82) Pyrene	10.528	202	46548	6.74	ng	
98) Benzo[b] fluoranthene 13.155 252 32752m 5.04 ng 100) Benzo[a]pyrene 13.491 252 22236 3.55 ng 87 101) Indeno[1,2,3-cd]pyrene 14.625 276 14613 2.14 ng 83	93) Benzo[a]anthracenc	11.935	228	27570	4.14	ng	
100) Benzo(a) pyrene     13.491     252     22236     3.55 ng     87       101) Indeno[1,2,3-cd] pyrene     14.625     276     14613     2.14 ng     83	94) Chrysana					ng	96
100) Benzo[a]pyrene     13.491     252     22236     3.55 ng     87       101) Indeno[1,2,3-cd]pyrene     14.625     276     14613     2.14 ng     83	98) Benzo[b] fluoranthene	13.155	252	32752m	5.04		
101) Indeno[1,2,3-cd]pyrene 14.625 276 14613 2.14 ng 83 103) Benzo[g,h,i]pervlene 14.914 276 13777 2.41 ng 82		13.491	252	22236	3.55		
103) Benzola, h. il pervlene 14.914 276 13777 2.41 na 82	101) Indeno[1,2,3-cd]pyrene	14.625	276	14613	2.14		
100, Bella [4,1,1] e 1,1,1,1	103) Benzo[g,h,i]perylene	14.914	276	13777	2.41		82

<sup>(#)</sup> = qualifier out of range (m) = manual integration (+) = signals summed





OM\_1214.M Fri Dec 18 11:42:50 2009 RPT1

#### ORGANICS SEMIVOLATILE REPORT

Sample Number: AC48729-008

Client Id: SS04-B

Data File: 9M22216.D Analysis Date: 12/17/09 20:54

Date Rec/Extracted: 12/04/09-12/17/09

Column: DB-5MS 30M 0.250mm ID 0.25um film

Method: EPA 8270C

Matrix: Soil

Initial Vol: 30g

Final Vol: 1ml

Dilution: 1

Solids: 95

Units: mg/Kg

					.aa			
٠.	Cas#	Compound	RL	Conc	Cas#	Compound	RL	Conc
- [	83-32-9	Acenaphthene	0.070	U	218-01-9	Chrysene	0.070	U
	208-96-8	Acenaphthylene	0.070	U	53-70-3	Dibenzo[a,h]anthracene	0.070	U
	120-12-7	Anthracene	0.070	U	206-44-0	Fluoranthene	0.070	U
- August	56-55-3	Benzo[a]anthracene	0.070	U	86-73-7	Fluorene	0.070	U
Ì	50-32-8	Benzo[a]pyrene	0.070	U	193-39-5	Indeno[1,2,3-cd]pyrene	0.070	U
	205-99-2	Benzo[b]fluoranthene	0.070	U	91-20-3	Naphthalene	0.070	U
1	191-24-2	Benzo[g,h,i]perylene	0.070	U	85-01-8	Phenanthrene	0.070	U
1	207-08-9	Benzo[k]fluoranthene	0.070	U	129-00-0	Pyrene	0.070	U

Worksheet #: 138424

Total Target Concentration

ColumnID: (^) Indicates results from 2nd column

<sup>7 -</sup> Indicates the compound was analyzed but not detected.

B - Indicates the analyte was found in the blank as well as in the sample.

E - Indicates the analyte concentration exceeds the calibration range of Le instrument.

R - Retention Time Out

J - Indicates an estimated value when a compound is detected at less than the

specified detection limit.
d - Pesticide %Diff>40% between columns due to coelution. Lower concentration used.

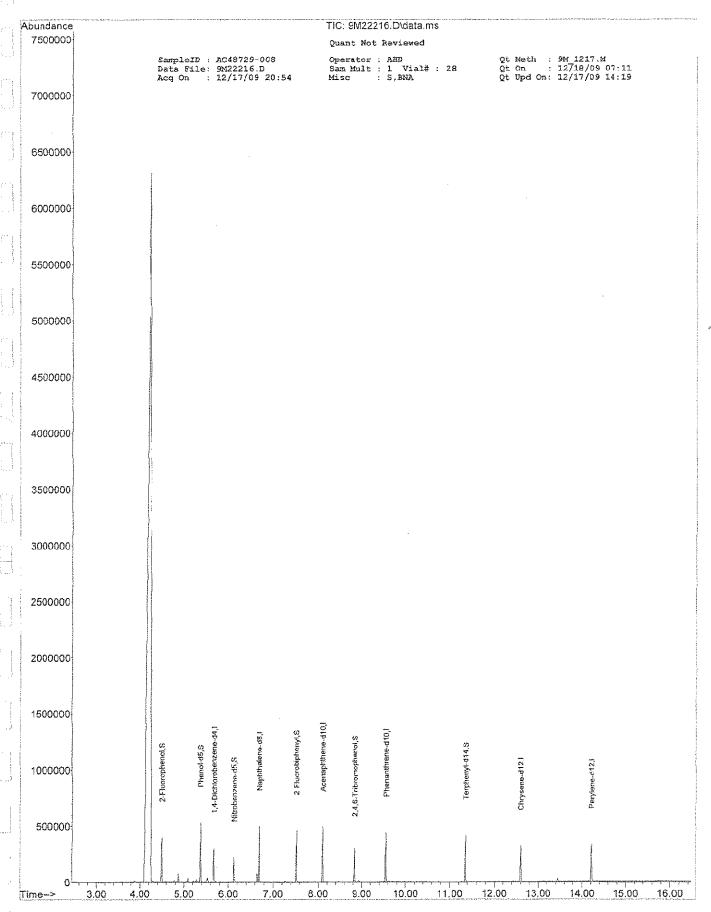
SampleID : AC48729-008 Data File: 9M22216.D Acq On : 12/17/09 20:54 Operator : AHD Sam Mult : 1 Vial# : 28 Misc : S,BNA Qt Meth : 9M 1217.M Qt On : 12/18/09 07:11 Qt Upd On: 12/17/09 14:19

Data Path : G:\GcMsData\2009\GCMS 9\Data\12-17-09\
Qt Path : G:\GCMSDATA\2009\GCMS 9\METHODQT\
Qt Resp Via : Initial Calibration

Compound	R.T.	QIon	Response	Conc U	nits De	/(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	5.683	152	40025	40.00	no	0.00
23) Naphthalene-d8	6.689	136	165584		nq	0.00
41) Acenaphthene-d10	8.101	164	91122		ng	0.00
67) Phenanthrene-d10	9.556	188	147739	40.00	ng	0.00
81) Chrysene-d12	12.604	240	138749		ng	
96) Perylene-dl2	14.214	264	106880	40.00	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	4.491	112	96249	77.88	na	0.02
Spiked Amount 100.000			Recove			
9) Phenol-d5	5.373	99				
Spikad Amount 100.000				rv =		
24) Nitrobenzene-d5	6.133	128	26127			
Spiked Amount 50.000			Recove			
46) 2-Fluorobiphenyl	7.518	172	115627			
Spiked Amount 50.000				ry =		
70) 2,4,6-Tribromophenol	8.839	330	22113			
Spiked Amount 100.000				rv =		
84) Terphenyl-dl4	11.358	244				
Spiked Amount 50.000				ry =		
Target Compounds					Qv	alue

<sup>(#)</sup> - qualifier out of range (m) - manual integration (+) - signals summed

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## ORGANICS SEMIVOLATILE REPORT

Sample Number: AC48729-009

Client Id: SS05-A

Data File: 10M09115.D

Analysis Date: 12/17/09 19:44

Date Rec/Extracted: 12/04/09-12/17/09

Column; DB-5MS 30M 0.250mm ID 0.25um film

Method: EPA 8270C

Matrix: Soil

Initial Vol: 30g

Final Vol: 1ml

Dilution: 1

Solids: 93

Units: mg/Kg

					35			
	_Cas #_	Compound	RL	Conc	Cas#	Compound	RL	Conc
	83-32-9	Acenaphthene	0.072	U	218-01-9	Chrysene	0.072	U
	208-96-8	Acenaphthylene	0.072	U	53-70-3	Dibenzo[a,h]anthracene	0.072	U
	120-12-7	Anthracene	0.072	U	206-44-0	Fluoranthene	0.072	U
	56-55-3	Benzo[a]anthracene	0.072	U	86-73-7	Fluorene	0.072	U
	50-32-8	Benzo[a]pyrene	0.072	U	193-39-5	Indeno[1,2,3-cd]pyrene	0.072	U
	205-99-2	Benzo[b]fluoranthene	0.072	U	91-20-3	Naphthalene	0.072	U
- 4	191-24-2	Benzo[g,h.i]perylene	0.072	U	85-01-8	Phenanthrene	0.072	U
100	207-08-9	Benzo(k)fluoranthene	0.072	U	129-00-0	Pyrene	0.072	Ú

0

I - Indicates the compound was analyzed but not detected.

<sup>3 -</sup> Indicates the analyte was found in the blank as well as in the sample.

E - Indicates the analyte concentration exceeds the calibration range of the instrument.

R - Retention Time Out

J - Indicates an estimated value when a compound is detected at less than the specified detection limit.

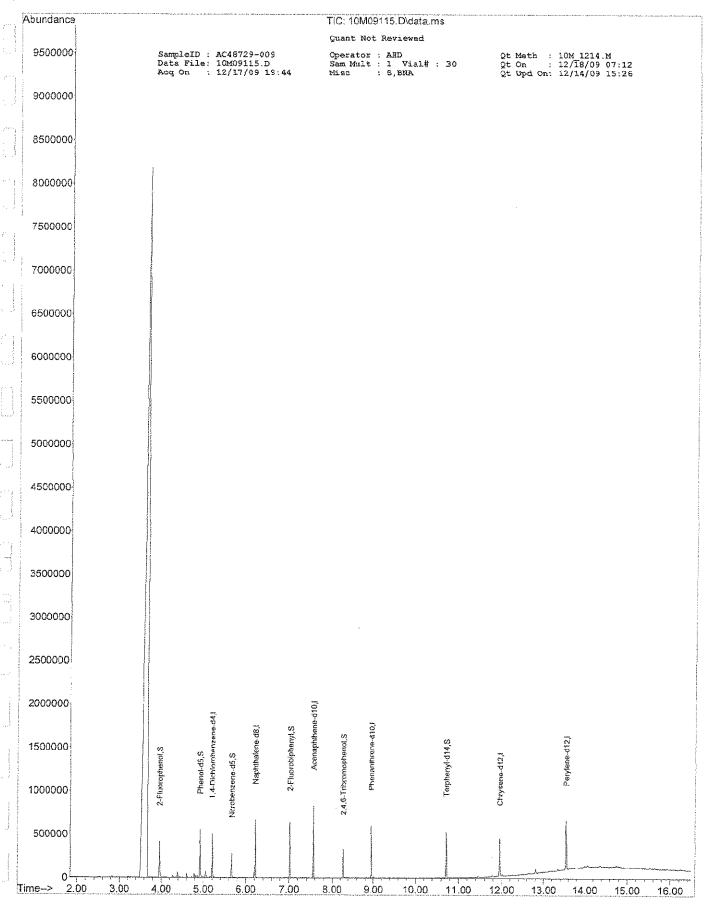
d - Pesticide %Diff>40% between columns due to coelution. Lower concentration used.

Data Path : G:\GcMsData\2009\GCMS\_10\Data\12-17-09\Qt Path : G:\GcMsDATA\2009\GCMS\_10\METHODQT\Qt Resp Via : Initial Calibration

Compound	R.T.	QIon	Response	Conc D	nits Dev(Min)
Internal Standards					
1) 1,4-Dichlorobenzene-d4	5.201	152	65592	40.00	ng -0.03
23) Naphthalene-d0	6.217	136	252685	40.00	ng -0.03
41) Acenaphthene-d10	7.560	164	142659	40.00	ng -0.03
67) Phenanthrene-d10	8.945	188	216549	40.00	ng -0.03
81) Chrysene-d12	11.951	240	181299	40.00	ng -0.03
96) Perylene-d12	13.545	264	213366	40.00	rg -0.03
System Monitoring Compounds					
4) 2-Fluorophenol	3.960	112	129740	71.09	ng -0.01
Spiked Amount 100.000					71.09%
9) Phenol-d5	4.918	99			ng -0.02
Spiked Amount 100.000					67.C2%
24) Nitrobenzene-d5	5.667	128			ng -0.83
Spiked Amount 50.000			Recove	€^ ==	64.92%
45) 2-Fluorobiphenyl	7.025	172			ng -0.02
Spiked Amount 50.000			Recove	ry ==	69.94%
70) 2,4,6-Tribromophenol	8.266	330			ng -0.03
Spiked Amount 100.000			Recove	rv =	66.33%
84) Terphenyl-d14	10.721	244			ng -0.04
Spiked Amount 50.000			Recove	ry =	72.22%
Target Compounds					Ovalue

(#) = qualifier out of range (m) = manual integration (+) = signals summed





OM\_1214.M Fri Dec 18 11:43:01 2009 RPT1

## ORGANICS SEMIVOLATILE REPORT

Sample Number: AC48729-010

Method: EPA 8270C

Client Id: SS05-B

Matrix: Soil

Data File; 9M22209.D

Initial Vol: 30g

Analysis Date: 12/17/09 18:13

Final Vol: 1ml

Date Rec/Extracted: 12/04/09-12/17/09

Dilution: 1

Column: DB-5MS 30M 0.250mm ID 0.25um film

Solids: 92

Units: ma/Ka

	Sinoi iligirig									
٠.	Cas #	Compound	RL	Conc	Cas#	Compound	RL	Conc		
1	83-32-9	Acenaphthene	0.072	U	218-01-9	Chrysene	0.072	U		
1	208-96-8	Acenaphthylene	0.072	U	53-70-3	Dibenzo[a,h]anthracene	0.072	U		
	120-12-7	Anthracene	0.072	U	206-44-0	Fluoranthene	0.072	U		
	56-55-3	Benzo[a]anthracene	0.072	U	86-73-7	Fluorene	0.072	U		
. [	50-32-8	Benzo[a]pyrene	0.072	U	193-39-5	Indeno[1,2,3-cd]pyrene	0.072	U		
	205-99-2	Benzo[b]fluoranthene	0.072	U	91-20-3	Naphthalene	0.072	U	٠	
1	191-24-2	Benzo[g,h,i]perylene	0.072	U	85-01-8	Phenanthrene	0.072	U		
	207-08-9	Benzo[k]fluoranthene	0.072	U	129-00-0	Pyrene	0.072	U		

B - Indicates the unalyte was found in the blank as well as in the sample.

E - Indicates the analyte concentration exceeds the valibration range of

the instrument.

R - Retention Time Out

J - Indicates an estimated value when a compound is detected at less than the

specified detection limit.
d - Pesticide %Diff>40% between columns due to coelution. Lower concentration used.

Quantitation Report (Not Reviewed)

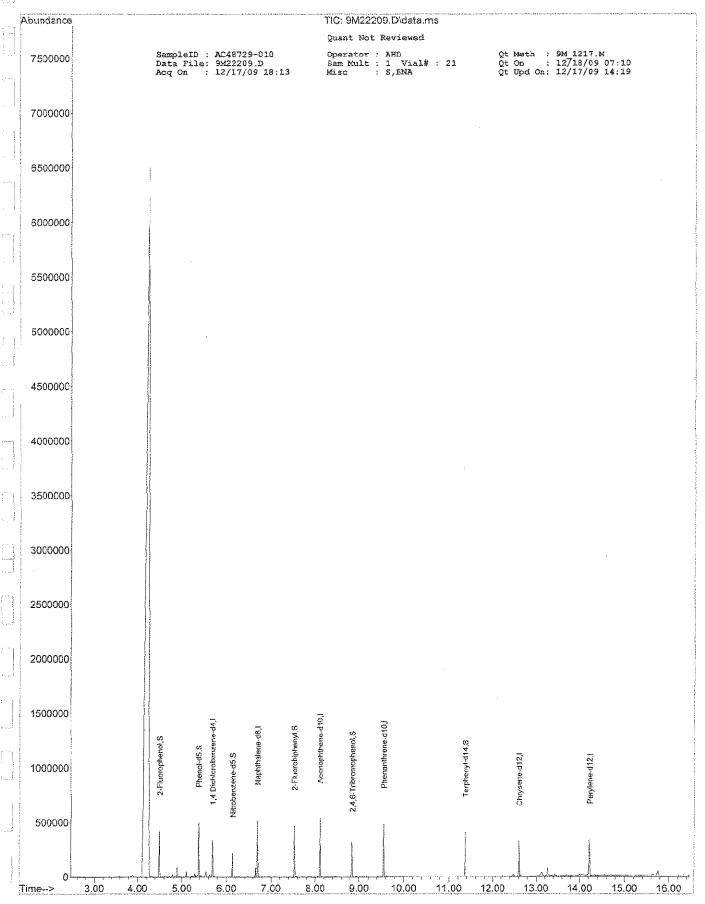
Qt Meth : 9M 1217.M Qt on : 12718/09 07:10 Qt Upd On: 12/17/09 14:19 SampleID : AC48729-010 Operator : AHD Sam Mult : 1 Vial# : 21 Misc : S,BNA Data File: 9M22209.D Acq On : 12/17/09 18:13 Misc

Data Path : G:\GcMsData\2009\GCMS\_9\Data\12-17-09\
Ot Path : G:\GCMSDATA\2009\GCMS\_9\ME^HODQT\
Qt Resp Via : Initial Calibration

Compound	R.T.	QIon	Response	Conc U	nits Dev	(Min)
Internal Standards				* **** (10. 20. 20. 20. 20. 20.		~~ in 1/4 A/4
1; 1,4-Dichlorobenzene-C4	5.683	152	44043	40.00	ng	0.00
23) Naphthalene-d8	6.689	136	174781	40.00	ng	0.00
41) Acenaphthene-d10	8.101	164	98244		лg	0.00
67) Phenanthrene-d10	9.556	188	154663	40.00	ng	0.00
81) Chrysene-dl2	12.604	240	109642	40.00	ng	0.00
96) Parylane-d12	14.214	264	106091	40.00	ng	0,00
System Monitoring Compounds						
4) 2-Fluorophenol	4.491	112	94739	69.66	na	0.02
Spiked Amount 100.000					69.66%	
9) Phenol-d5	5.373	99	133831			0.00
Spiked Amount 100.000					69.63%	
24) Nitrobenzene-d5	6.133	128		32.44		0.00
Spiked Amount 50,000					64.88%	
46) 2-Fluorobiphenyl	7.518	172	113751		nq	0.00
Spiked Amount 50.000			Recove		66.90%	
70) 2,4,6-Tribromophenol	8.839	330	21765	73.11	na	0.00
Spiked Amount 100.000					73.11%	
84) Terphenvl-dl4	11.358	244				0.00
Spiked Amount 50.000					79.20%	
Target Compounds					Qva	alue

<sup>(#) =</sup> qualifier out of range (m) = manual integration (+) = signals summed





M\_1217.M Fri Dec 18 11:43:06 2009 RPT1

## ORGANICS SEMIVOLATILE REPORT

Sample Number: AC48729-011

Client Id: SS06-A

Data File: 9M22210.D

Analysis Date: 12/17/09 18:36

Date Rec/Extracted: 12/04/09-12/17/09

Column: DB-5MS 30M 0.250mm ID 0.25um film

Method: EPA 8270C

Matrix: Soil

Initial Vol: 30g

......

Final Vol: 1ml

Dilution: 1

Solids: 95

Units: mg/Kg

٠.,	Cas#	Compound	RL	Conc	Cas#	Compound	RL	Conc	
	83-32-9	Acenaphthene	0.070	U	218-01-9	Chrysene	0.070	U	
	208-96-8	Acenaphthylene	0.070	IJ	53-70-3	Dibenzo[a,h]anthracene	0.070	U	
	120-12-7	Anthracene	0.070	U	206-44-0	Fluoranthene	0.070	U	
	56-55-3	Benzo[a]anthracene	0.070	U	86-73-7	Fluorene	0.070	U	
	50-32-8	Benzo[a]pyrene	0.070	U	193-39-5	Indeno[1,2,3-cd]pyrene	0.070	U	
	205-99-2	Benzo[b]fluoranthene	0.070	U	91-20-3	Naphthalene	0.070	U	
	191-24-2	Benzo[g,h,i]perylene	0.070	U	85-01-8	Phenanthrene	0.070	U	
	207-08-9	Benzo[k]fluoranthene	0.070	U	129-00-0	Pyrene	0.070	U	

Worksheet #: 138424

Total Target Concentration

ColumnID: (^) Indicates results from 2nd column

<sup>7 -</sup> Indicates the compound was analyzed but not detected.

<sup>3 -</sup> Indicates the analyte was found in the blank as well as in the sample.

E - Indicates the analyte concentration exceeds the calibration range of the instrument.

R - Retention Time Out

J - Indicates an estimated value when a compound is detected at less than the specified detection limit.

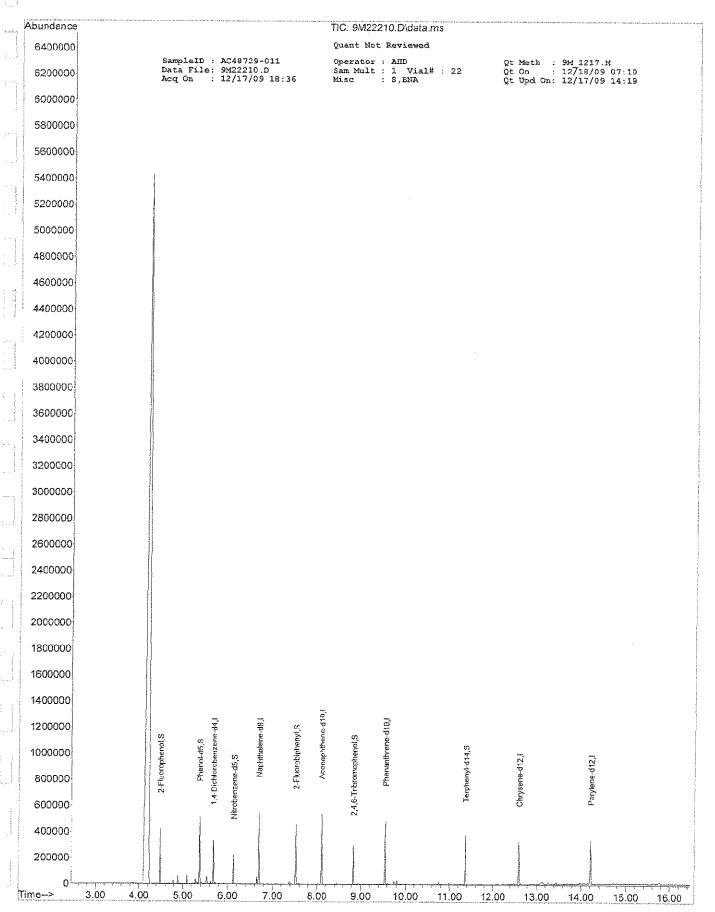
d - Pesticide %Diff>40% between columns due to coelution. Lower concentration used.

Data Path : G:\CcmsData\2009\GCMS\_9\Data\12-17-09\
Qt Path : G:\GCMSDATA\2009\GCMS\_9\METHODQT\
Qt Resp Via : Tnitial Calibration

Compound	R.T.	QIon	Response	Cone U	nits Dev	(Min)
67) Phenanthrene-d10	12.604	136 164 188 240	44733 184002 97811 154982 110703	40.00 40.00 40.00 40.00	ng ng ng ng ng	0.00 0.00 0.00 0.00 0.00
System Monitoring Compounds 4) 2-Fluorophenol Spiked Amount 100.000 9) Phenol-d5 Spiked Amount 100.000	5.373	99	Recove	ry = 67.85 ry =	70.49% ng 67.85%	0.00
24) Nitrobenzene-d5 Spiked Amount 50,000	6.133		24649 Recove	ry =	61.40%	
46) 2-Fluorobiphenyl Spiked Amount 50.000	7,518	172	114175 Recove		ng 67.44%	0.00
70) 2,4,6-Tribromophenol Spiked Amount 100.000	8.839	330	21751 Recove		ng 72.92%	0.00
84) Terphenyl-dl4 Spiked Amount 50.000	11.364	244			ng 74.88%	0.00
Target Compounds					Qv	alue

<sup>(#) =</sup> qualifier out of range (m) = manual integration (-) = signals summed





#### ORGANICS SEMIVOLATILE REPORT

Sample Number: AC48729-012

Client Id: SS06-B

Data File: 9M22211.D

Analysis Date: 12/17/09 18:59

Date Rec/Extracted: 12/04/09-12/17/09

Column:DB-5MS 30M 0.250mm ID 0.25um film

Method: EPA 8270C

Matrix: Soil

Initial Vol: 30g

Final Vol: 1ml

Dilution: 1

Solids: 93

Units: mg/Kg

Cas	# Compound	RL	Conc	Cas#	Compound	RL	Conc
83-32	2-9 Acenaphthene	0.072	U	218-01-9	Chrysene	0.072	U
208-96	5-8 Acenaphthylene	0.072	U	53-70-3	Dibenzo[a,h]anthracene	0.072	U
120-12	2-7 Anthracene	0.072	U	206-44-0	Fluoranthene	0.072	U
56-59	5-3 Benzo[a]anthracene	0.072	U	86-73-7	Fluorene	0.072	U
50-32	2-8 Benzo[a]pyrene	0.072	U	193-39-5	indeno[1,2,3-cd]pyrene	0.072	U
205-99	3-2 Benzo[b]fluoranthene	0.072	U	91-20-3	Naphthalene	0.072	U
191-24	I-2 Benzo[g,h,i]perylene	0.072	U	85-01-8	Phenanthrene	0.072	U
207-08	3-9 Benzo[k]fluoranthene	0.072	U	129-00-0	Pyrene	0.072	U

<sup>7 -</sup> Indicates the compound was unalyzed but not detected.

<sup>3 -</sup> Indicates the analyte was found in the blank as well as in the sample. E - Indicates the analyte concentration exceeds the calibration range of the instrument.

R - Retention Time Out

I - Indicates an estimated value when a compound is detected at less than the

specified detection limit.
d - Pesticide %Diff>40% between columns due to coelution. Lower concentration used.

Quantitation Report (Not Reviewed)

SampleID : AC48729-012 Data File: 9M22211.D

Qt Meth : 9M 1217.M Qt On : 12718/09 07:10 Qt Upd On: 12/17/09 14:19 Operator : AHD
Sam Mult : 1 Vial# : 23
Misc : S,BNA Misc

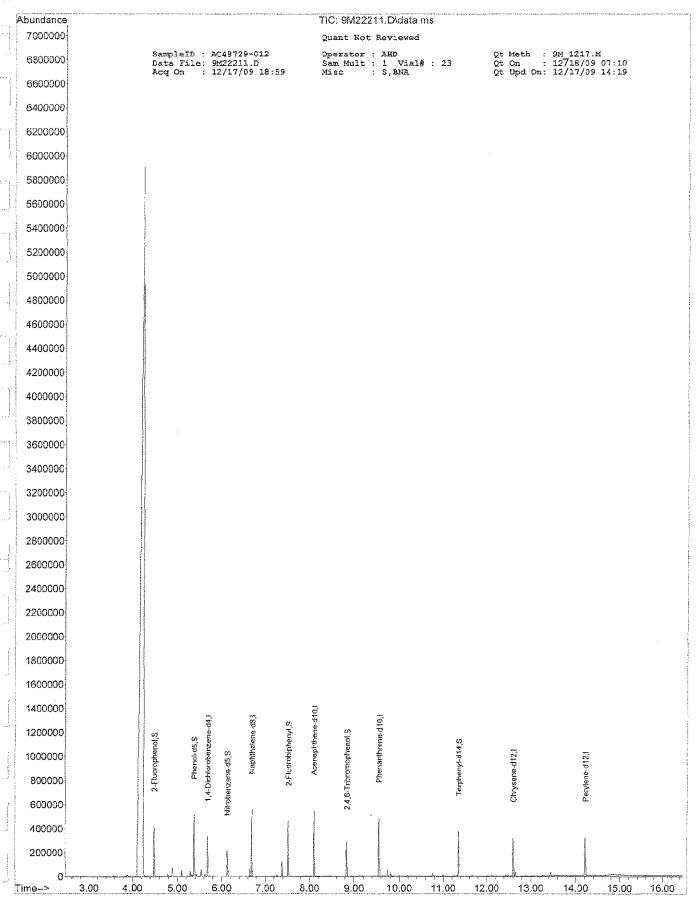
Data Fath : G:\GcMsData\2009\GCMS\_9\Data\12-17-09\
Qt Path : G:\GCMSDATA\2009\GCMS\_9\METHODQT\
Qt Resp Via : Initial Calibration

Acq On : 12/17/09 18:59

Compound	R.T.	QIon	Response	Conc. E	nits De	v(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	5.684	152	45371	40.00	ng	0.00
23) Naphthalene-d8	6.689	136	184219	40.00	រាថ្ម	0.00
41) Acenaphthene-d10	8.101	164	101356	40.00	ng	0.00
67) Phenanthrene-d10	9.556	188	152116	40.00	ng	0.00
81) Chrysene-d12	12,605	240	107472	40.00	ng	0.00
96) Perylene dl2	14.215	264	106179	40.00	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	4.485	112	96519	68.89	ng	0.02
Spiked Amount 106.000				ry =		
9) Phenol~d5	5.373	99	133842	67.60	ng	0.00
Spiked Amount 100.000				rv =		<del>\$</del>
24) Nitrobenzene-d5	6.133	128	25144	31.28	nq	0.00
Spiked Amount 50.000			Recove	ry =	62.56	ş
46) 2-Fluorobiphenyl	7.518	172	113280	32.29	nq	0.00
Spiked Amount 50.000			Recove	ry =	64.58	Ė
70) 2,4,6-Tribromophenol	8.839	330	20813	71.09	ng	0.00
Spiked Amount 100.000				r.A =		
84) Terphenyl-d14	11.358	244	109204	38.02	nq	0.00
Spiked Amount 50.000				ry =		
Target Compounds			٠		Ö.	valne

<sup>(#)</sup> = qualifier out of range (m) = marual integration (+) = signals summed





#### ORGANICS SEMIVOLATILE REPORT

Sample Number: AC48729-013

Client Id: SS07-A Data File: 9M22212.D

Analysis Date: 12/17/09 19:22 Date Rec/Extracted: 12/04/09-12/17/09

Column: DB-5MS 30M 0.250mm ID 0.25um film

Method: EPA 8270C

Matrix: Soil

Initial Vol: 30g

Final Vol: 1ml

Dilution: 1

Solids: 92

Units: mg/Kg

					.,25.,,52			
:	Cas#	Compound	RL	Conc	Cas#	Compound	RL	Conc
	83-32-9	Acenaphthene	0.072	U	218-01-9	Chrysene	0.072	U
	208-96-8	Acenaphthylene	0.072	U	53-70-3	Dibenzo[a,h]anthracene	0.072	U
	120-12-7	Anthracene	0.072	U	205-44-0	Fluoranthene	0.072	U
-	56-55-3	Benzo[a]anthracene	0.072	U	86-73-7	Fluorene	0.072	U
	50-32-8	Benzo[a]pyrene	0.072	U	193-39-5	Indeno[1,2,3-cd]pyrene	0.072	U
	205-99-2	Benzo[b]fluoranthene	0.072	U	91-20-3	Naphthalene	0.072	U
1	191-24-2	Benzo[g,h,i]perylene	0.072	U	85-01-8	Phenanthrene	0.072	U
	207-08-9	Benzo[k]fluoranthene	0.072	U	129-00-0	Pyrene	0.072	Ū

0

<sup>-</sup> Indicates the compound was analyzed but not detected.

J-Indicates the analyte was found in the blank as well as in the sample. E - Indicates the analyte concentration exceeds the calibration range of

the instrument.

R - Retention Time Out

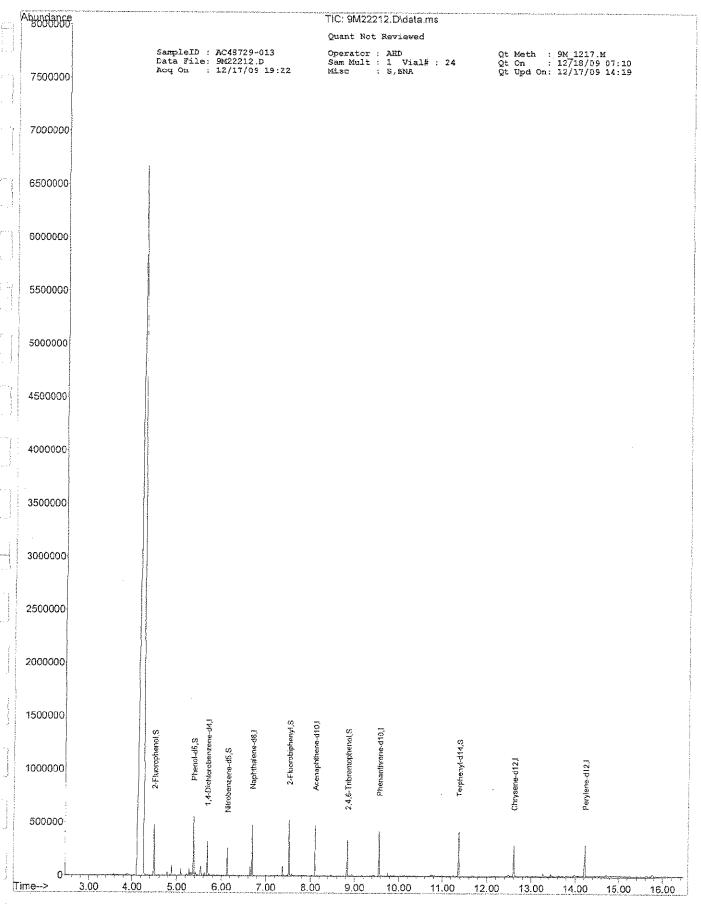
J - Indicates an estimated value when a compound is detected at less than the specified detection limit. d - Pesticide %Diff>40% between columns due to coelution. Lower concentration used.

Qt Meth : 9M 1217.M Qt On : 12/18/09 07:10 Qt Upd On: 12/17/09 14:19 SampleID : AC48729-013 Data File: 9M22212.D Acq On : 12/17/09 19:22 Operator : AHD Sam Mult : 1 Vial# : 24 Misc : S,ENA Misc

Data Path : G:\GcMsData\2009\GCMS\_9\Data\12-17-09\
Qt Path : G:\GCMsDATA\2009\GCMS\_9\METHODQT\
Qt Resp Via : Initial Calibration

Compound	R.ፓ.	Qlon	Response	Conc Ur	nits Dev	(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	5.683	152	40523	40.00	ng	0.00
23) Naphthalene-d8			159631		ng	0.00
41) Acenaphthene-d10			85754		ng	0.00
67) Phenanthrene-dl0	9.556	188	133759		ng	0.00
81) Chrysene-dl2	12.605	240	97107	40.00	ng	0.00
95) Perylene-d12	14.214	264	95591	40.00	uā	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	4.491	112	106950	85.47	ng	0.02
Spiked Amount 100.000			Recove	ry =	85.47%	
9) Phenol-d5	5,373	99				
Spiked Amount 100.000			Recove	ry =	84.54%	
24) Nitrobenzene-d5	6.133	128	27918	40.09	ng	0.00
Spiked Amount 50.000			Recove	ry =	80.18%	
46) 2-Fluorobiphenyl	7.518	172				
Spiked Amount 50.000			Recove	ry =	87.72%	
70) 2,4,6-Tribromophenol	8.839	330	23239	90.27	ng	0.00
Spiked Amount 100.000			Recove	ry =	90.27%	
84) Terphenyl-d14	11.364	244				0.00
Spiked Amount 50.000			Recove	ry =	95.02%	
Target Compounds					QΨ	alue

<sup>(#)</sup> = qualifier out of range (m) = manual integration (+) = signals summed



M\_1217.M Fri Dec 18 11:43:22 2009 RPT1

## ORGANICS SEMIVOLATILE REPORT

Sample Number: AC48729-014

Client Id: SS07-B

Data File: 9M22213.D

Analysis Date: 12/17/09 19:45

Date Rec/Extracted: 12/04/09-12/17/09

Column: DB-5MS 30M 0.250mm ID 0.25um film

Method: EPA 8270C

Matrix: Soil

Initial Vol: 30g

Final Vol: 1ml

Dilution: 1

Solids: 94

Units: mg/Kg

				O111201	*******				
7	Cas#	Compound	RL	Conc	Cas #	Compound	RL	Conc	
ſ	83-32-9	Acenaphthene	0.071	U	218-01-9	Chrysene	0.071	U	
. !	208-96-8	Acenaphthylene	0.071	U	53-70-3	Dibenzo[a,h]anthracene	0.071	U	
	120-12-7	Anthracene	0.071	U	206-44-0	Fluoranthene	0.071	U	
1	56-55-3	Benzo[a]anthracene	0.071	U	86-73-7	Fluorene	0.071	U	
)	50-32-8	Benzo[a]pyrene	0.071	U	193-39-5	Indeno[1,2,3-cd]pyrene	0.071	U	
	205-99-2	Benzo[b]fluoranthene	0.071	U	91-20-3	Naphthalene	0.071	U	
	191-24-2	Benzo[g,h,i]perylene	0.071	U	85-01-8	Phenanthrene	0.071	U	
- }	207-08-9	Benzo[k]fluoranthene	D.071	U	129-00-0	Pyrene	0.071	U	

Worksheet #: 138424

he instrument.

Total Target Concentration

ColumnID: (^) Indicates results from 2nd column

y-Indicates the compound was analyzed but not detected.

B - Indicates the analyte was found in the blank as well as in the sample.

E - Indicates the analyte concentration exceeds the calibration range of

d ...

R - Retention Time Out
J - Indicates an estimated value when a compound is detected at less than the
specified detection limit.

d - Pesticide %Diff>40% between columns due to coelution. Lower concentration used.

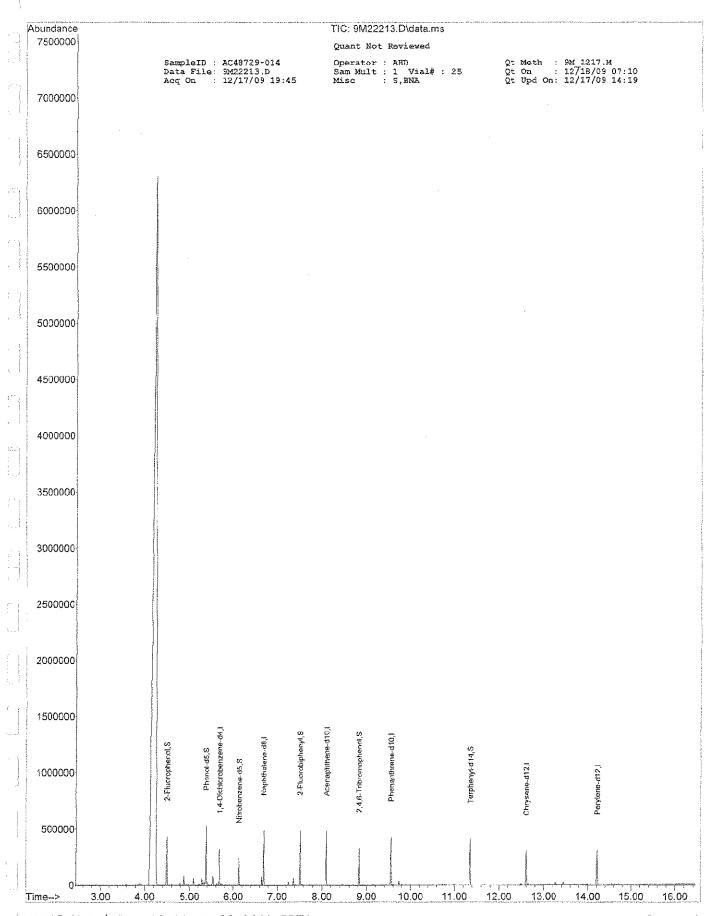
SampleID : AC48729-014 Data File: 9M22213.D Acq Cn : 12/17/09 19:45 Operator : AHD Sam Mult : 1 Vial# : 25 Misc : S,BNA Qt Meth : 9M 1217.M Qt On : 12718/09 07:10 Qt Upd On: 12/17/09 14:19

Data Path : G:\GcMsData\2009\GCMS 9\Data\12-17-09\
Qt Path : G:\GCMSDATA\2009\GCMS 9\METHODQT\
Qt Resp Via : Initial Calibration

Compound	R.T.	QIon	Response	Conc U	nits Dev	(Min)
Internal Standards						***
1) 1,4-Dichlorobenzene-d4	5.684	152	40747	40.00	no	0.00
23) Naphthalene-d8	5.689	136	157750		ng	0.00
41) Acenaphthene-d10	8.101	164	85796	40.00	ng	0.00
67) Phenanthrene-d10	3.556	188	137822		ng	0.00
81) Chrysene-d12	12,605	240	101083	40.00	ng	0.00
96) Perylane-dl2	14.215	264	98938		ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	4.491	112	300490	79.87	na	0.02
Spiked Amount 100.000			Recove			
9) Phenol-d5	5.373	99				
Spiked Amount 100.000					78.41%	
24) Nitrobenzene-d5	6.133	128	26293			0.00
Spiked Amount 50.000					76.40%	
46) 2-Fluorobiphenyl	7.518	172	118697			0.00
Spiked Amount 50.000					79.948	
70) 2,4,6-Tribromophenol	8.834	330	22162			0.00
Spiked Amount 100.000			Recove			
84) Terphenyl-d14	11.358	211	117633	43.54	ng	0.00
Spiked Amount 50.000					ĕ7.08%	
Target Compounds					Qv	alue

<sup>(#) =</sup> qualifier out of range (m) = manual integration (+) = signals summed





## ORGANICS SEMIVOLATILE REPORT

Sample Number: AC48729-015

Client Id: SS08-A Data File: 9M22214.D

Analysis Date: 12/17/09 20:08

Date Rec/Extracted: 12/04/09-12/17/09

Column: DB-5MS 30M 0.250mm ID 0.25um film

Method: EPA 8270C

Matrix: Soil

Initial Vol: 30g

Final Vol: 1ml

Dilution: 1

Solids: 95

Units: mg/Kg

					פייישיי			
	Cas#	Compound	RL_	Conc	Cas #	Compound	RL	Conc
	83-32- <del>9</del>	Acenaphthene	0.070	U	218-01-9	Chrysene	0.070	U
	208-96-8	Acenaphthylene	0.070	U	53-70-3	Dibenzo[a,h]anthracene	0.070	U
٠.,	120-12-7	Anthracene	0.070	U	206-44-0	Fluoranthene	0.070	U
		Benzo[a]anthracene	0.070	U	86-73-7	Fluorene	0.070	U
i	50-32-8	Benzo[a]pyrene	0.070	u	193-39-5	Indeno[1,2,3-cd]pyrene	0.070	IJ
	205-99-2	Benzo[b]fluoranthene	0.070	U	91-20-3	Naphthalene	0.070	U
1	191-24-2	Benzo[g,h,i]perylene	0.070	U	85-01-8	Phenanthrene	0.070	U
ļ	207-08-9	Benzo[k]fluoranthene	0.070	U	129-00-0	Pyrene	0.070	U

<sup>-</sup> Indicates the compound was analyzed but not detected.

B - Indicates the analyte was found in the blank as well as in the sample.

E - Indicates the analyte concentration exceeds the calibration range of "we instrument.

R - Retention Time Out

 $<sup>{\</sup>it J}$  - Indicates an estimated value when a compound is detected at less than the specified detection limit.

d - Pesticide %Diff>40% between columns due to coelution. Lower concentration used.

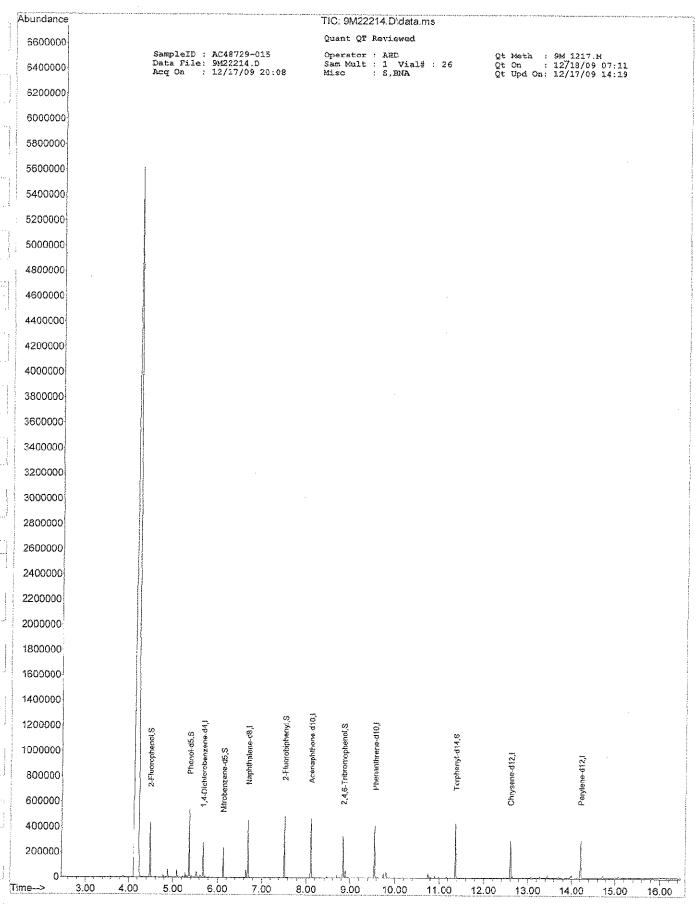
Ot Meth : 9M 1217.M Qt On : 12718/09 07:11 Qt Upd On: 12/17/09 14:19 SampleID: AC48729-015 Data File: 9M22214.D Acq On: 12/17/09 20:08 Operator : AHD San Mult : 1 Vial# : 26 Misc : S,BNA Misc

Data Path : G:\GcMsData\2009\GCMS\_9\Data\12-17-09\
Qt Path : G:\GCMSDATA\2009\CCMS\_9\METHODQT\
Qt Resp Via : Initial Calibration

Compound	R.T.		Response		its Dev(Min)
Internal Standards 1) 1,4-Dichlorobenzene-d4 23) Naphthalene-d8 41) Acenaphthene-d10 67) Fhenanthrene-d10 81) Chrysene-d12 96) Forylone-d12	6.689 8.101 9.556 12.605	152 136 164 188 240	38198 150529 82396 137225	40.00 40.00 40.00 40.00 40.00	ng C.00 ng G.00 ng G.00 ng G.00 ng C.00 ng C.00 ng C.00
System Monitoring Compounds 4) 2-Fluorophenol					ng 0.02
Spiked Amount 100.000 9) Phenol-d5 Spiked Amount 100.000	5,373	99	Recove 138753 Recove	83.24	ng 0.00
24) Nitrobenzene-d5 Spiked Amount 50.000	6.133	128	26563 Recove	40.45 ry =	ng 0.00 80.90%
46) 2-Fluorobiphenyl spiked Amount 50.000	7.518		Recove	ry =	84.12%
70) 2,4,6-Tribromophenol Spiked Amount 100.000			23971 Recove	гу 🗝	90.76%
84) Terphenyl-d14 Spiked Amount 50.000	11.364	244	123964 Recove		ng 0.00 93.36%
Target Compounds					Qvalue

<sup>(#)</sup> = qualifier out of range (m) = manual integration  $(\div)$  = signals summed





M\_1217.M Fri Dec 18 11:43:33 2009 RPT1

#### ORGANICS SEMIVOLATILE REPORT

Sample Number: AC48729-016

Client Id: SS08-B

Data File: 9M22215.D Analysis Date: 12/17/09 20:31

Date Rec/Extracted: 12/04/09-12/17/09

Column: DB-5MS 30M 0.250mm ID 0.25um film

Method: EPA 8270C

Matrix: Soil

Initial Vol: 30g

Final Vol: 1ml

Dilution: 1

Solids: 68

Units: mg/Kg

	willo. nightig										
	Cas#	Compound	RL	Conc	Cas#	Compound	RL	Conc			
	83-32-9	Acenaphthene	0.098	U	218-01-9	Chrysene	0.098	U			
	208-96-8	Acenaphthylene	0.098	U	53-70-3	Dibenzo[a,h]anthracene	0.098	U			
	120-12-7	Anthracene	0.098	U	206-44-0	Fluoranthene	0.098	U			
· Angel	56-55-3	Benzo[a]anthracene	0.098	U	86-73-7	Fluorene	0.098	U			
	50-32-8	Benzo[a]pyrene	0.098	U	193-39-5	Indeno[1,2,3-cd]pyrene	0.098	U			
	205-99-2	Benzo[b]fluoranthene	0.098	U	91-20-3	Naphthalene	0.098	U			
;	191-24-2	Benzə[g,h,i]perylene	0.098	U	85-01-8	Phenanthrene	0.098	Ü			
	207-08-9	Benzo[k]fluoranthene	0.098	U	129-00-0	Pyrene	0.098	U			

E - Indicates the analyte concentration exceeds the calibration range of the instrument.

R - Retention Time Out

J - Indicates an estimated value when a compound is detected at less than the specified detection limit.

d - Pesticide %Diff>40% between columns due to coelution. Lower concentration used,

Quantitation Report (Not Reviewed)

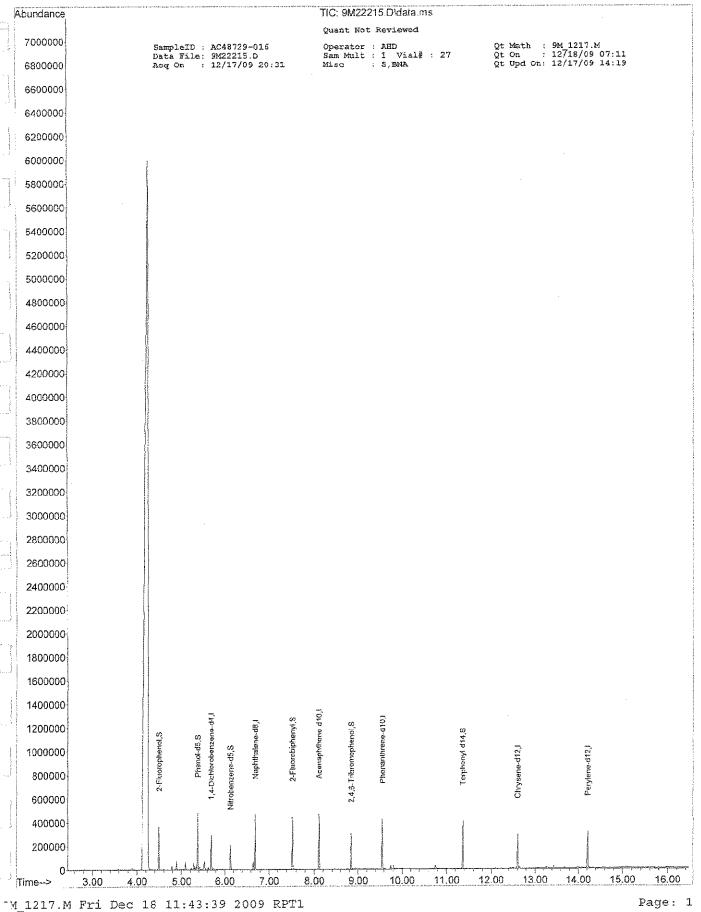
SampleID : AC48729-016 Data File: 9M22215.D Acq On : 12/17/09 20:31 Operator : AHD Sam Mult : 1 Vial# : 27 Misc : S,BNA Qt Meth : 9M 1217.M Qt On : 12/18/09 07:11 Qt Upd On: 12/17/09 14:19

Data Path : G:\GcMsData\2009\GCMS 9\Data\12-17-09\
Qt Path : G:\GCMSDATA\2009\GCMS\_9\METHODQT\
Qt Resp Via : Tnitial Calibration

Compound	R.T.	QIon	Response	Conc U	nits De	v(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	5.684	152	40197	40.00	na	0.00
23) Naphthalene-d8			153579		ng	
41) Acenaphthene-d10				49.00	ng	
67) Phenanthrene-d10	9.556	188	139527		ng	
81) Chrysene-d12	12.605	240	100184		ng	
96) Perylene-dl2	14.215	264	97699	40.00	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	4.491	112	90837	73.18	na	0.02
Spiked Amount 100.000			Recove:			
9) Phenol-d5	5.373	99				
Spiked Amount 100.000				ry =		
24) Nitrobenzene-d5	6.133	128	23623			
Spiked Amount 50.000			Recove:			
46) 2-Fluorobiphenyl	7.518	172				
Spiked Amount 50.000				ry =		
70) 2,4,6 Tribromophenol	8.839	330	21747	80.98	IIG	0.00
Spiked Amount 100.000			Recove	ry =	60.989	È
	11.358	244	115878	43.28	ng	0.00
Spiked Amount 50.000			Recove:	ry =	86.569	È
Target Compounds					rÇ	zalue

<sup>(#) =</sup> qualifier out of range (m) = manual integration (-) = signals summed





#### ORGANICS SEMIVOLATILE REPORT

Sample Number: AC48729-017

Client Id: FB

Data File: 9M22092.D

Analysis Date: 12/10/09 11:01

Date Rec/Extracted: 12/04/09-12/09/09

Column: DB-5MS 30M 0.250mm ID 0.25um film

Method: EPA 8270C

Matrix: Aqueous

Initial Vol: 960ml

Final Vol: 1ml Dilution: 1

Solids: 0

Units: ug/L

				40.141440.4	~ E3. ***			
	Cas#	Compound	RL	Conc	Cas#	Compound	RL	Conc
	83-32-9	Acenaphthene	2.1	U	218-01-9	Chrysene	2.1	U
	208-96-8	Acenaphthylene	2.1	υ	53-70-3	Dibenzo[a,h]anthracene	2.1	U
٠,	120-12-7	Anthracene	2.1	U	206-44-0	Fluoranthene	2.1	U
ļ	56-55-3	Benzo[a]anthracene	2.1	U	86-73-7	Fluorene	2.1	U
-	50-32-8	Benzo[a]pyrene	2.1	U	193-39-5	Indeno[1,2,3-cd]pyrene	2.1	U
	205-99-2	Benzo[b]fluoranthene	2.1	U	91-20-3	Naphthalene	2,1	U
d	191-24-2	Benzo[g,h,i]perylene	2.1	U	85-01-8	Phenanthrene	2.1	υ
	207-08-9	Benzo[k]fluoranthene	2.1	u	129-00-0	Pyrene	2.1	U

I - Indicates the compound was analyzed but not detected.

B - Indicates the analyte was found in the blank as well as in the sample.

E - Indicates the analyte concentration exceeds the calibration range of he instrument.

R - Retention Time Out

J - Indicates an estimated value when a compound is detected at less than the specified detection limit.

d - Pesticide %Diff>40% between columns due to coelution. Lower concentration used.

(Not Reviewed)

SampleID : AC48729-017 Data File: 9M22092.D Acq On : 12/10/09 11:01 Qt Neth : 9M\_1116.M Qt On : 12/10/09 12:21 Qt Upd On: 12/09/09 08:36 Operator : AHD
Sam Mult : 1 Vial# : 4
Misc : A,BN

Data Path : G:\GcMsData\2009\GCMS\_9\Data\12-10-09\
Qt Path : G:\GCMSDATA\2009\GCMS\_9\METHODQT\
Qt Resp Via : Initial Calibration

Compound	R.T.	QIon	Response	Cone U	nits Dev(Min)
Internal Standards 1) 1,4-Dichlorobenzene-d4					
23) Naphthalene-d8 41) Acenaphthene-d10			87601 50748		ng -0.01 ng -0.02
			85775		ng -0.02
81) Chrysene-d12			78674		ng -0.02
96) Perylene-dl2			83202		
System Monitoring Compounds					
4) 2-Fluorophenol	0.000	112	0	0.00	na
Spiked Amount 100.000					0.00%
9) Phenol-d5	0.000	99	0	0.00	ng
Spiked Amount 100.000			Recove	ry =	0.00%
24) Nitrobenzene-d5	6.167	128			ng -0.01
Spiked Amount 50.000					77.48%
46) 2-Fluorobiphenyl	7.557	172			ng -0.02
Spiked Amount 50.000					79.64%
70) 2,4,6-Tribromophenol	0.000	330		0.00	
Spiked Amount 100.030					0.03%
84) Terphenyl-d14	11.408	244			-0.02
Spiked Amount 50.000			Recove	ry =	86.46%
Target Compounds					Qvalue

<sup>(#) =</sup> qualifier out of range (m) = manual integration (+) = signals summed



#### ORGANICS PCB REPORT

Sample Number: WMB3718

Client Id:

Data File: 2G51365.D

Analysis Date: 12/10/09 08:37

Date Rec/Extracted: NA-12/09/09

Column: DB-17/1701P 30M 0.32mm ID 0.25um film

Method: EPA 8082

Matrix: Aqueous

Initial Vol: 1000ml

Final Vol:5ml

Dilution: 1

Solids: 0

Units: ug/L

	Cas#	Compound	RL	Conc	Cas#	Compound	RL	Conc
*	2674-11-2	Arodor-1016	0.25	Ų	11097-69-1	Aroclor-1254	0.25	U
	1104-28-2	Aroclor-1221	0.25	U [	11096-82-5	Aroclor-1260	0.25	U
	11141-16-5	Araciar-1232	0.25	C was	37324-23-5	Aroclor-1262	0.25	Ų
÷	3469-21-9	Aroclor-1242	0.25	Ü	11100-14-4	Arector-1268	0.25	U
	2672-29-6	Aroclor-1248	0.25	U		•		

*V* - Indicates the compound was analyzed but not detected.

<sup>3 -</sup> Indicates the analyte was found in the blank as well as in the sample, E - Indicates the analyte concentration exceeds the calibration range of the instrument.

R - Retention Time Out

J - Indicates an estimated value when a compound is detected at less than the specified detection limit.

d - Pesticide %Diff>40% between columns due to coelution. Lower concentration used.

```
Data Path : G:\Gcdata\2009\GC_2\Data\12-10-09\
 Data File : 2G51365.D
 Signal(s): Signal #1: ECD1A.CH Signal #2: ECD2B.CH
 Acq On : 10 Dec 2009 8:37 Operator : MS
 Sample : WMB3718
Misc : A,PCB
ALS Vial : 42 Sample Multiplier: 1
Integration File signal 1: AUTOINT1.E
 Integration File signal 2: AUTOINT2.E
Quant Time: Dec 10 09:09:16 2009
: Quant Method : G:\GCDATA\2009\GC_2\METHODQT\2G_C1201.M
Quant Title : @GC 2,ug,608,8082
QLast Update : Tue Dec 01 09:39:48 2009
Response via : Initial Calibration
 Integrator: ChemStation
 Volume Inj.
                                   Signal #2 Phase:
Signal #1 Phase :
Signal #1 Info :
                                    Signal #2 Info :
       Compound RT#1 RT#2 Resp#1 Resp#2 pg#1
                                                                     pg#2
Target Compounds
1)TCMX-Surrogate 2.954 2.959 1357953 1103499 80.288 78.395
4 )DCB-Surrogate 9.074 9.441 1641309 1160950 71.355m 77.933m
 (f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.
```

```
Data Path : G:\Gcdata\2009\GC_2\Data\12-10-09\
  Data File: 2G51365.D
  Signal(s): Signal #1: ECD1A.CH Signal #2: ECD2B.CH
              : 10 Dec 2009
  Acq On
                                  8:37
  Operator : MS
  Sample
              : WMB3718
  Misc
              : A, PCB
  ALS Vial
             : 42
                       Sample Multiplier: 1
  Integration File signal 1: AUTOINT1.E Integration File signal 2: AUTOINT2.E
  Quant Time: Dec 10 09:09:16 2009
  Quant Method : G:\GCDATA\2009\GC 2\METHODQT\2G C1201.M
Quant Title : @GC 2, ug, 608, 8082
QLast Update : Tue Dec 01 09:39:48 2009
Response via : Initial Calibration
  Integrator: ChemStation
  Volume Inj. :
Signal #1 Phase :
                                              Signal #2 Phase:
  Signal #1 Info
                                              Signal #2 Info :
     Response
                                                     TIC: 2G51365.D
       100000
        90000
        80000
        70000
        600C0
        50000
        40000
        30000
        20000
        10000
           0
          2.00 2.50 3.00 3.50 4.00 4.50 5.00 5.50
                                                     6.00 6.50 7.00 7.50 8.00 8.50 9.00 9.50 10.00 10.50
                                                     TIC: 2G51365.D
        80000
        70000
        60000
        50000
        40000
        30000
        20000
        10000
                                                                                          DCB-Surreg
                     3.00 3.50 4.00 4.50 5.00 5.50 6.00 6.50 7.00 7.50 8.00 8.50 9.00
                                                                                         9.50 10.00 10.50
```

ORGANICS PCB REPORT

Sample Number: SMB2483B

Client ld:

Data File: 2G51599.D

Analysis Date: 12/18/09 00:33

Date Rec/Extracted: NA-12/17/09

Column:DB-17/1701P 30M 0.32mm ID 0.25um film

Method: EPA 8082

Matrix: Soil

Initial Vol: 20g

Final Vol: 10ml

Dilution: 1

Solids: 100

Units: mg/Kg

Cas#	Compound	RL	Conc	Cas #	Compound	RL	Conc
2674-11-2	Arocior-1016	0.025	U	11097-69-1	Aroclor-1254	0.025	J
1104-28-2	Arodor-1221	0.025	U	11096-82-5	Aroclor-1260	0.025	U
11141-16-5	Aroclor-1232	0.025	U	37324-23-5	Arocior-1262	0 025	U
73469-21-9	Arodor-1242	0.025	Ų	11100-14-4	Aroclor-1268	0.025	U
2672-29-6	Arodor-1248	0.025	V				

Worksheet #: 138419

Total Target Concentration

y - Indicates the compound was analyzed but not detected.

B - Indicates the analyte was found in the blank as well as in the sample.

E - Indicates the analyte concentration exceeds the calibration range of the instrument.

R - Retention Time Out

 $<sup>{\</sup>it J}$  - Indicates an estimated value when a compound is detected at less than the specified detection limit.

d - Pesticide %Diff>40% between columns due to coelution. Lower concentration used.

```
Quantitation Report
                                             (QT Reviewed)
 Data Path : G:\Gcdata\2009\GC_2\Data\12-1809\
 Data File : 2G51599.D
 Signal(s): Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 18 Dec 2009 00:33
 Operator : MS
 Sample : SMB2483B
Misc : S, PCB
ALS Vial : 3 Sample Multiplier: 1
Integration File signal 1: AUTOINT1.E
 Integration File signal 2: AUTOINT2.E
Quant Time: Dec 18 09:10:46 2009
 Quant Method: G:\GCDATA\2009\GC 2\METHODQT\2G C1218.M
Quant Title : @GC_2,ug,608,8082
 QLast Update : Thu Dec 17 16:02:35 2009
 Response via : Initial Calibration
 Integrator: ChemStation
 Volume Inj.
Signal #1 Phase :
                                  Signal #2 Phase:
 Signal #1 Info :
                                  Signal #2 Info :
      Compound RT#1 RT#2 Resp#1 Resp#2 pg#1 pg#2
  Target Compounds
1)TCMX-Surrogate 2.938 2.948 1415405 1386449 77.589 104.385
4)DCB-Surrogate 9.044 9.422 1827790 1404931 77.598m 95.198
```

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

```
Quantitation keport
                                                          (QT Kevlewed)
  Data Path : G:\Gcdata\2009\GC_2\Data\12-1809\
  Data File: 2G51599.D
  Signal(s): Signal #1: ECD1A.CH Signal #2: ECD2B.CH
             : 18 Dec 2009 00:33
  Add On
            ; MS
  Operator
             : SMB2483B
 Sample
             : S, PCB
  Misc
                    Sample Multiplier: 1
  ALS Vial : 3
 Integration File signal 1: AUTOINT1.E
  Integration File signal 2: AUTOINT2.E
  Quant Time: Dec 18 09:10:46 2009
  Quant Method : G:\GCDATA\2009\GC 2\METHODQT\2G_C1218.M
  Quant Title : @GC 2, ug, 608, 8082
QLast Update : Thu Dec 17 16:02:35 2009
Response via : Initial Calibration
  Integrator: ChemStation
 Volume Inj. :
| Signal #1 Phase :
                                            Signal #2 Phase:
  Signal #1 Info
                                            Signal #2 Info :
                                                  TIC: 2G51599.D
    Response
100000
       90000
       80000
       70000
       60000
       50000
       40000
       30000
       20000
       10000
           0
               2.50 3.00
                        3.50 4.00 4.50 5.00 5.50
                                                  6.00 6.50 7.00
                                                                7.50 8.00 8.50 9.00
    Time
          2,00
                                                                                     9.50 10.00 10.50
    Response
                                                  TIC: 2G51599.D
       80000
       70000
       60000
       50000
       40000
       30000
       20000
```

Time 2.00 2.50 3.00 3.50 4.00 4.50 5.00 5.50 6.00 6.50 7.00 7.50 8.00 8.50 9.00 9.50 10.00 10.50

10000

0

ORGANICS PCB REPORT

Sample Number: AC48729-001

Client ld: SS01-A Data File: 2G51604.D

Analysis Date: 12/18/09 01:42 Date Rec/Extracted: 12/04/09-12/17/09

Column: DB-17/1701P 30M 0.32mm ID 0.25um film

Method: EPA 8082

Matrix: Soil

Initial Vol: 20g

Final Vol: 10ml Dilution: 1

Solids: 93

Units: mg/Kg

Cas#	Compound	RL	Conc	Cas #	Compound	RL	Conc
2674-11-2	Aroclor-1016	0.027	U	11097-69-1	Aroclor-1254	0.027	U
1104-28-2	Aroclor-1221	0.027	U	11096-82-5	Arocjor-1260	0 027	U
11141-16-5	Aroclor-1232	0.027	U	37324-23-5	Aroclor-1262	0.027	Ų
73469-21-9	Aroclor-1242	0.027	U	11100-14-4	Aroclor-1268	0,027	U
2672-29-6	Aroclor-1248	0.027	U	1336-36-3	Aroclor (Total)	0.027	U

Worksheet #: 138419

Total Target Concentration

ColumnID: (^) Indicates results from 2nd column

0

V - Indicates the compound was analyzed but not detected.

<sup>3 -</sup> Indicates the analyte was found in the blank as well as in the sample.

E - Indicates the analyte concentration exceeds the calibration range of the instrument.

R - Retention Time Out

J - Indicates an estimated value when a compound is detected at less than the specified detection limit.

d - Pesticide %Diff>40% between columns due to coelution. Lower concentration used.

```
Data Path : G:\Gcdata\2009\GC 2\Data\12-1809\
Data File : 2G51604.D
  Signal(s): Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 18 Dec 2009 1:42 Operator : MS
Sample : AC48729-001
Misc : S,PCB
MALS Vial : 8 Sample Multiplier: 1
Integration File signal 1: AUTOINTI.E
  Integration File signal 2: AUTOINT2.E
 Quant Time: Dec 18 09:41:05 2009
  Quant Method: G:\GCDATA\2009\GC_2\METHODQT\2G_C1218.M
Quant Title : @GC_2,ug,608,8082
QLast Update : Thu Dec 17 16:02:35 2009
Response via : Initial Calibration
 Integrator: ChemStation
 Volume Inj.
 Signal #1 Phase :
                                    Signal #2 Phase:
Signal #1 Info :
                                    Signal #2 Info :
       Compound RT#1 RT#2 Resp#1 Resp#2 pg#1 pg#2
Target Compounds
1)TCMX-Surrogate 2.939 2.949 1500208 1409611 82.238 106.129 # 4 DCB-Surrogate 9.045 9.423 1881809 145088C 79.891m 98.312
_{\rm col}(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.
```

```
Data Path : G:\Gcdata\2009\GC_2\Data\12-1809\
```

Data File : 2G51604.D

Signal(s): Signal #1: ECD1A.CH Signal #2: ECD2B.CH

Acq On : 18 Dec 2009 1:42

Operator : MS

: AC48729-001 Sample

Misc : S, PCB

; ALS Vial : 8 Sample Multiplier: 1

Integration File signal 1: AUTOINT1.E Integration File signal 2: AUTOINT2.E

Quant Time: Dec 18 09:41:05 2009

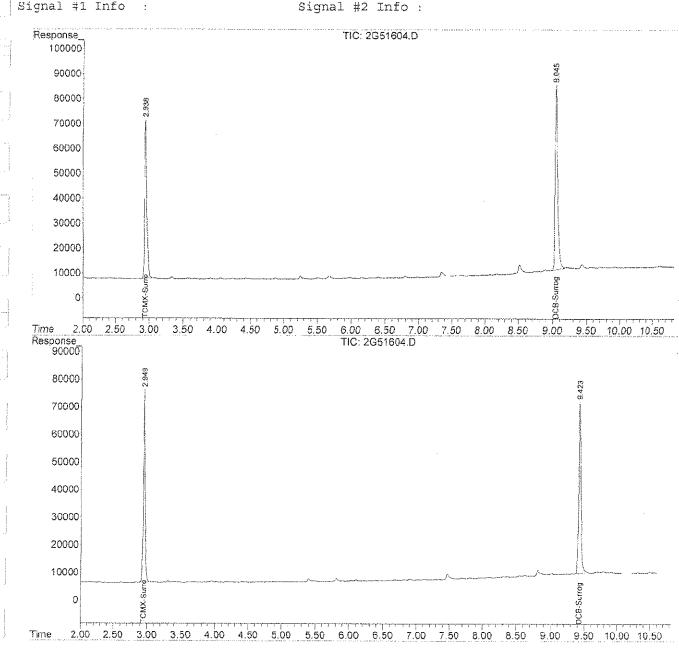
Quant Method : G:\GCDATA\2009\GC\_2\METHODQT\2G\_C1218.M

Quant Title : @GC\_2,ug,608,8082 QLast Update : Thu Dec 17 16:02:35 2009 Response via : Initial Calibration

Integrator: ChemStation

Volume Inj. Signal #1 Phase :

Signal #2 Phase: Signal #2 Info :



ORGANICS PCB REPORT

Sample Number: AC48729-002

Client ld: SS01-B Data File: 2G51605.D

Analysis Date: 12/18/09 01:56

Date Rec/Extracted: 12/04/09-12/17/09

Column: DB-17/1701P 30M 0.32mm ID 0.25um film

Method: EPA 8082

Matrix: Soil Initial Vol: 20g Final Vol: 10ml

Dilution: 1 Solids: 85

Units: mg/Kg

Cas#	Compound	RL	Conc	Cas #	Compound	RL	Conc
2674-11-2	Aroclor-1016	0.029	U	11097-69-1	Aroclor-1254	0.029	U
1104-28-2	Aroclor-1221	0.029	U	11096-82-5	Aroclor-1260	0.029	U
11141-16-5	Aroclor-1232	0.029	U	37324-23-5	Aroclor-1262	0.029	U
=53469-21 <b>-</b> 9	Araclor-1242	0.029	U	11100-14-4	Aroclor-1268	0.029	U
2672-29-6	Aroclor-1248	0.029	υ	1336-36-3	Aroclor (Total)	0.029	U

Worksheet #: 138419

Total Target Concentration

<sup>/-</sup> Indicates the compound was analyzed but not detected.

<sup>3 -</sup> Indicates the analyte was found in the blank as well as in the sample.

is - Indicates the analyte concentration exceeds the calibration range of the instrument.

R - Retention Time Out

J - Indicates an estimated value when a compound is detected at less than the specified detection limit.

d - Pesticide %Dlff>40% between columns due to coelution. Lower concentration used.

```
Quantitation Report
                                                (QT Reviewed)
  Data Path : G:\Gcdata\2009\GC_2\Data\12-1809\
  Data File : 2G51605.D
  Signal(s): Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On
  Acq On : 18 Dec 2009 1:56 Operator : MS
           : AC48729-002
Sample
         : S, PCB
 Misc
ALS Vial : 9 Sample Multiplier: 1
Integration File signal 1: AUTOINT1.E
  Integration File signal 2: AUTOINT2.E
  Quant Time: Dec 18 09:41:26 2009
  Quant Method : G:\GCDATA\2009\GC_2\METHODQT\2G_C1218.M
 Quant Title : @GC 2, ug, 608, 8082
QLast Update : Thu Dec 17 16:02:35 2009
Response via : Initial Calibration
 Integrator: ChemStation
 Volume Inj.
 Signal #1 Phase :
                                   Signal #2 Phase:
 Signal #1 Info :
                                   Signal #2 Info :
                 RT#1 RT#2
                                       Resp#1 Resp#2 pg#1 pg#2
       Compound
  Target Compounds
1)TCMX-Surrogate 2.940 2.950 1454861 1341911 79.752 101.032 # 4)DCB-Surrogate 9.045 9.423 1867775 1415784 79.295m 95.934m
```

 $_{\parallel}(f)=RT$  Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Signal(s): Signal #1: ECD1A.CH Signal #2: ECD2B.CH

Acq On : 18 Dec 2009 1:56

Operator : MS

Sample : AC48729-002

Misc : S, PCB

ALS Vial : 9 Sample Multiplier: 1

Integration File signal 1: AUTOINT1.E Integration File signal 2: AUTOINT2.E Quant Time: Dec 18 09:41:26 2009

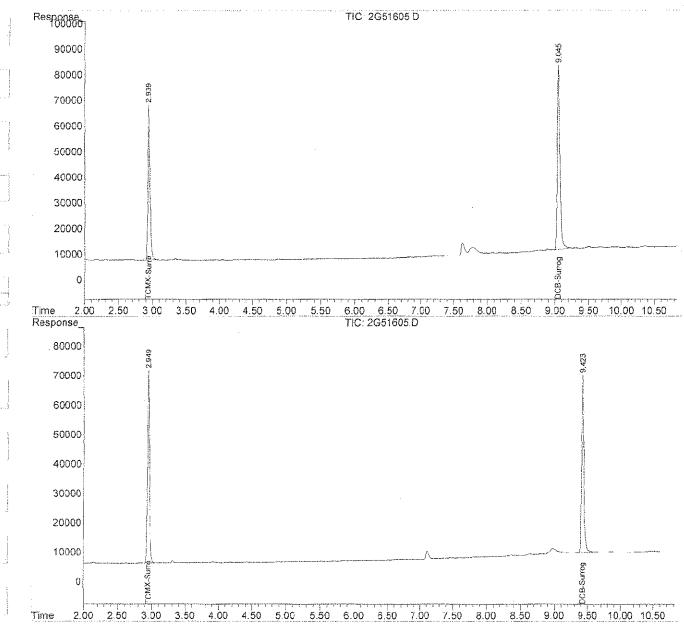
Quant Method: G:\GCDATA\2009\GC 2\METHODQT\2G C1218.M

Quant Title : @GC\_2,ug,608,8082 QLast Update : Thu Dec 17 16:02:35 2009 Response via : Initial Calibration

Integrator: ChemStation

Volume Inj.

Signal #1 Phase : Signal #2 Phase: Signal #2 Info : Signal #2 Info :



ORGANICS PCB REPORT

Sample Number: AC48729-003

Client Id: SS02-A
Data File: 2G51606.D

Analysis Date: 12/18/09 02:10 Date Rec/Extracted: 12/04/09-12/17/09

Column: DB-17/1701P 30M 0.32mm ID 0.25um film

Method: EPA 8082

Matrix: Soil

Initial Vol: 20g

Final Vol: 10ml Dilution: 1

Solids: 92

Units: mg/Kg

	omes. mg/reg									
	Cas #	Compound	RL	Conc	Cas#	Compound	RL	Conc		
	2674-11-2	Arocior-1016	0.027	U	11097-69-1	Aroclor-1254	0.027	U		
	1104-28-2	Arocior-1221	0.027	U	11096-82-5	Aroclor-1260	0.027	U		
1	1141-16-5	Aroclor-1232	0.027	U	37324-23-5	Aroclor-1262	0.027	Ų		
711	3469-21-9	Aroclor-1242	0.027	U	11100-14-4	Aroclor-1268	0.027	U		
	2672-29-5	Arocior-1248	0.027	U	1336-36-3	Aroclor (Total)	0.027	U		

Worksheet #: 138419

Total Target Concentration

y-Indicates the compound was analyzed but not detected,

<sup>3 -</sup> Indicates the analyse was found in the blank as well as in the sample.

E - Indicates the analyte concentration exceeds the calibration range of the instrument.

R - Retention Time Out

 $<sup>{\</sup>it J}$  - Indicates an estimated value when a compound is detected at less than the specified detection limit.

d - Pesticide %Diff>40% between columns due to coelution. Lower concentration used.

```
Data Path : G:\Gcdata\2009\GC 2\Data\12-1809\
Data File : 2G51606.D
 Signal(s): Signal #1: ECD1A.CH Signal #2: ECD2B.CH
 Acq On : 18 Dec 2009 2:10
 Operator : MS
Sample : AC48729-003
Misc : S,PCB
ALS Vial : 10 Sample Multiplier: 1
Integration File signal 1: AUTOINT1.E
 Integration File signal 2: AUTOINT2.E
 Quant Time: Dec 18 09:41:45 2009
 Quant Method: G:\GCDATA\2009\GC 2\METHODQT\2G C1218.M
Quant Title : @GC_2,ug,608,8082
 QLast Update: Thu Dec 17 16:02:35 2009
Response via : Initial Calibration
 Integrator: ChemStation
 Volume Inj.
Signal #1 Phase :
                                Signal #2 Phase:
Signal #1 Info :
                                Signal #2 Info :
      Compound RT#1 RT#2 Resp#1 Resp#2 pg#1 pg#2
  Target Compounds
111,036 #
```

...(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

```
Data Path : G:\Godata\2009\GC_2\Data\12-1809\
  Data File : 2G51506.D
   Signal(s): Signal #1: ECD1A.CH Signal #2: ECD2B.CH
  Acq On
             : 13 Dec 2009
                                2:10
             : MS
  Operator
  Sample
              : AC48729-003
  Misc
              : S, PCB
  ALS Vial : 10
                      Sample Multiplier: 1
  Integration File signal 1: AUTOINT1.E
  Integration File signal 2: AUTOINT2.E
  Quant Time: Dec 18 09:41:45 2009
  Quant Method: G:\GCDATA\2009\GC_2\METHODQT\2G_C1218.M
  Quant Title : @GC_2,ug,608,8082 QLast Update : Thu Dec 17 16:02:35 2009
Response via : Initial Calibration
  Integrator: ChemStation
  Volume Inj.
  Signal #1 Phase :
                                            Signal #2 Phase:
  Signal #1 Info :
                                            Signal #2 Info :
    Response_
                                                  TIC: 2G51606 D
       100000
       90000
       80000
       70000
       60000
       50000
       40000
       30000
       20000
       10000
                    3.00 3.50
                              4.00
                                  4.50
                                       5.00
                                             5.50
                                                  6.00 6.50 7.00 7.50 8.00 8.50 9.00 9.50 10.00 10.50
    Response
                                                  TIC: 2G51606.D
       90000
       80000
       70000
       60000
       50000
       40000
       30000
       20000
       10000
          0
                   3.00 3.50 4.00 4.50 5.00 5.50 6.00 6.50 7.00 7.50 8.00 8.50 9.00 9.50 10.00 10.50
```

ORGANICS PCB REPORT

Sample Number: AC48729-004

Client Id: SS02-B Data File: 2G51603.D

Analysis Date: 12/18/09 01:29

Date Rec/Extracted: 12/04/09-12/17/09

Column:DB-17/1701P 30M 0.32mm ID 0.25um film

Method: EPA 8082

Matrix: Soil

Initial Vol: 20g

Final Vol: 10ml Dilution: 1

Solids: 87

Units: mg/Kg

Cas #	Compound	RL.	Conc	Cas #	Compound	RL	Conc
2674-11-2	2 Arocior-1016	0.029	U	11097-69-1	Aroclor-1254	0.029	U
1104-28-2	2 Aroclor-1221	0.029	U	11096-82-5	Aroclor-1260	0.029	U
11141-16-5	Aroclor-1232	0.029	U	37324-23-5	Aroclor-1262	0.029	U
3469-21-9	Aroclor-1242	0.029	U	11100-14-4	Aroclor-1268	0.029	U
2672-29-6	Aroclor-1248	0.029	U	1336-36-3	Aroclor (Total)	0.029	U

Worksheet #: 138419

Total Target Concentration

<sup>-</sup> Indicates the compound was analyzed but not detected.

<sup>3 -</sup> Indicates the analyte was found in the blank as well as in the sample. E - Indicates the analyte concentration exceeds the calibration range of the instrument.

R - Retention Time Out

 $<sup>\</sup>hat{J}$  - Indicates an estimated value when a compound is detected at less than the specified detection limit.

d - Pesticide %Diff>40% between columns due to coelution. Lower concentration used.

ORGANICS PCB REPORT

Sample Number: AC48729-005

Client Id:SS03-A

Data File: 2G51607.D

Analysis Date: 12/18/09 02:24

Date Rec/Extracted: 12/04/09-12/17/09

Column: DB-17/1701P 30M 0.32mm ID 0.25um film

Method: EPA 8082

Matrix: Soil

Initial Vol: 20g

Final Vol: 10ml

Dilution: 1

Solids: 94

Units: mg/Kg

Cas#	Compound	RL	Conc	Cas#	Compound	RL	Conc
2674-11-2	Aroclor-1016	0.027	U	11097-69-1	Aroclor-1254	0.027	U
1104-28-2	Aroclor-1221	0.027	U	11096-82-5	Arodor-1260	0.027	U
11141-16-5	Aroclor-1232	0.027	U	37324-23-5	Aroclor-1262	0.027	U
੍ਰਿ3469-21-9	Arocior-1242	0.027	Ų	11100-14-4	Aroclor-1268	0.027	U
2672-29-6	Aroclor-1248	0.027	U	1336-36-3	Aroclor (Total)	0.027	U

Worksheet #: 138419

Total Target Concentration

h-Indicates the compound was analyzed but not detected.

<sup>3 -</sup> Indicates the analyte was found in the blank as well as in the sample.

2 - Indicates the analyte concentration exceeds the calibration range of the instrument.

R - Retention Time Out

 $<sup>\</sup>it J$  - Indicates an estimated value when a compound is detected at less than the specified detection limit.

d - Pesticide %Diff>40% between columns due to coelution. Lower concentration used.

Data Path : G:\Gcdata\2009\GC 2\Data\12-1809\

Data File: 2G51607.D

Signal(s): Signal #1: ECD1A.CH Signal #2: ECD2B.CH

Acg On : 18 Dec 2009 2:24

Operator : MS

Sample : AC48729-005

: S, PCB Misc

Sample Multiplier: 1 ALS Vial : 11

Integration File signal 1: AUTOINT1.E Integration File signal 2: AUTOINT2.E

Quant Time: Dec 18 09:42:03 2009

Quant Method: G:\GCDATA\2009\GC 2\METHODQT\2G\_C1218.M

Quant Title : @GC 2,ug, 608, 8082

QLast Update : Thu Dec 17 16:02:35 2009

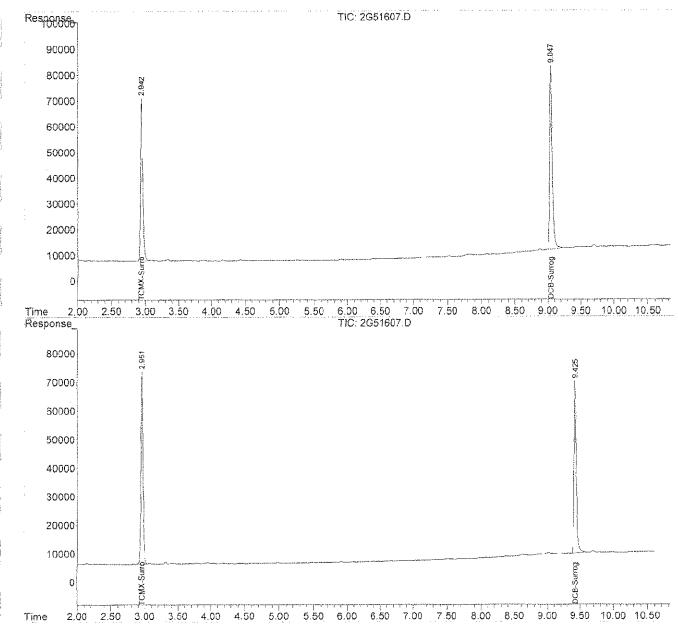
Response via : Initial Calibration

Integrator: ChemStation

Volume Inj.

Signal #1 Phase : Signal #1 Info

Signal #2 Phase: Signal #2 Info :



ORGANICS PCB REPORT

Sample Number: AC48729-006

Client Id: SS03-B Data File: 2G51608, D

Analysis Date: 12/18/09 02:38 Date Rec/Extracted: 12/04/09-12/17/09

Column: DB-17/1701P 30M 0.32mm ID 0.25um film

Method: EPA 8082

Matrix: Soil

Initial Vol: 20g Final Vol: 10ml

Dilution: 1 Solids: 86

Units: mg/Kg

				• •			
	Compound	RL_	Conc	Cas #	Compound	RL	Conc
2674-11-2	Aroclor-1016	0.029	U	11097-69-1	Aroclor-1254	0.029	U
1104-28-2	Aroclor-1221	0.029	U	11096-82-5	Arodor-1260	0.029	U
11141-16-5	Aroclor-1232	0.029	U	37324-23-5	Aroclor-1262	0.029	U
53469-21-9	Aroclor-1242	0.029	U	11100-14-4	Aroclor-1268	0.029	U
2672-29-6	Arocior-1248	0.029	U	1336-36-3	Aroclor (Total)	0.029	U

Worksheet #: 138419

Total Target Concentration

 $<sup>\</sup>ensuremath{\mathcal{V}}$  - Indicates the compound was analyzed but not detected.

<sup>3 -</sup> Indicates the analyte was found in the blank as well as in the sample. 2 - Indicates the analyte concentration exceeds the calibration range of

R - Retention Time Out

J - Indicates an estimated value when a compound is detected at less than the specified detection limit.

 $<sup>\</sup>hat{d}$  - Pesticide %Diff>40% between columns due to coelution. Lower concentration used.

```
Data Path : G:\Gcdata\2009\GC 2\Data\12-1809\
 Data File: 2G51608.D
 Signal(s): Signal #1: ECD1A.CH Signal #2: ECD2B.CH
 Acq On : 18 Dec 2009 2:38
 Operator : MS
 Eample : AC48729-006
 Misc : S,PCB
ALS Vial : 12 Sample Multiplier: 1
Integration File signal 1: AUTOINT1.E
 Integration File signal 2: AUTOINT2.E
 Quant Time: Dec 18 09:42:33 2009
 Quant Method: G:\GCDATA\2009\GC 2\METHODQT\2G C1218.M
 Quant Title : @GC_2,ug,608,8082
OLast Update: Thu Dec 17 16:02:35 2009
Response via: Initial Calibration
Integrator: ChemStation
Volume Inj.
                              Signal #2 Phase:
Signal #2 Info :
Signal #1 Phase :
Signal #1 Info :
     Compound RT#1 RT#2 Resp#1 Resp#2 pg#1 pg#2
  Target Compounds
TCMX-Surrogate 2.942 2.951 1442571 1322465 79.078 99.568m# 0 DCB-Surrogate 9.047 9.424 1847922 1367340 78.453 92.651m
\gamma(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.
```

```
Data Path : G:\Gcdata\2009\GC 2\Data\12-1809\
 Data File : 2G51608.D
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
            : 18 Dec 2009
 Acq On
                              2:38
 Operator
            : MS
            : AC48729-006
Sample
 Misc
            : S,PCB
ALS Vial : 12
                    Sample Multiplier: 1
 Integration File signal 1: AUTOINT1.E
 Integration File signal 2: AUTOINT2.E
 Quant Time: Dec 18 09:42:33 2009
 Quant Method:: 3:\GCDATA\2009\GC_2\METHODQT\2G_C1218.M
 Quant Title : @GC_2,ug,608,8082
QLast Update : Thu Dec 17 16:02:35 2009
Response via : Initial Calibration
 Integrator: ChemStation
 Volume Inj.
| Signal #1 Phase :
                                          Signal #2 Phase:
Signal #1 Info :
                                          Signal #2 Info :
                                                TIC: 2G51608.D
   Response
      90000
      80000
      70000
      60000
      50000
      40000
      30000
      20000
      10000
                                                                                Surrog
         0
   Time
         2.00
                   3,00
                       3.50 4.00 4.50 5.00 5.50 6.00 6.50 7.00 7.50 8.00 8.50 9.00 9.50 10.00 10.50
   Response
                                                TIC: 2G51606.D
      80000
      70000
      60000
      50000
      40000
      30000
      20000
      10000
         0
   Time 2.00 2.50 3.00 3.50 4.00 4.50 5.00 5.50 6.00 6.50 7.00 7.50 8.00 8.50 9.00 9.50 10.00 10.50
```

ORGANICS PCB REPORT

Sample Number: AC48729-007

Client Id: SS04-A Data File: 2G51609.D

Analysis Date: 12/18/09 02:52 Date Rec/Extracted: 12/04/09-12/17/09

Column: DB-17/1701P 30M 0.32mm ID 0.25um film

Method: EPA 8082

Matrix: Soll Initial Vol: 20g Final Vol: 10ml

Dilution: 1 Solids: 92

Units: mg/Kg

	. Cas#	Compound	RL	Conc	Cas#	Compound	RL	Conc
1	2674-11-2	Aroclor-1016	0.027	U	11097-69-1	Aroclor-1254	0.027	U
:	1104-28-2	Aroclor-1221	0.027	U	11096-82-5	Aroclor-1260	0.027	U
	11141-16-5	Aroclor-1232	0.027	U	37324-23-5	Aroclor-1262	0.027	U
	3469-21-9	Arocior-1242	0.027	U	11100-14-4	Aroclor-1268	0.027	U
1	2672-29-6	Aroclor-1248	0.027	U	1336-36-3	Aroclor (Total)	0.027	υ

Worksheet #: 138419

Total Target Concentration

<sup>/ -</sup> Indicates the compound was analyzed but not detected.

 $<sup>\}</sup>$  - Indicates the analyte was found in the blank as well as in the sample. E - Indicates the analyte concentration exceeds the calibration range of

the instrument,

R - Retention Time Out

 $<sup>{\</sup>it J}$  - Indicates an estimated value when a compound is detected at less than the specified detection limit.

d - Pesticide %Diff>40% between columns due to coelution. Lower concemnation used.

```
Data Path : G:\Gcdata\2009\GC_2\Data\12-1809\
Data File : 2G51609.D
  Signal(s): Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 18 Dec 2009 2:52 pperator : MS
 Sample : AC48729-007
Misc : S,PCB
ALS Vial : 13 Sample Multiplier: 1
 Integration File signal 1: AUTOINT1.E
  Integration File signal 2: AUTOINT2.E
  Quant Time: Dec 18 09:44:01 2009
  Quant Method: G:\GCDATA\2009\GC 2\METHODQT\2G C1218.M
 Quant Title : @GC_2,ug,608,8082
  QLast Update : Thu Dec 17 16:02:35 2009
Response via : Initial Calibration
  Integrator: ChemStation
  Volume Inj.
  Signal #1 Phase :
                                   Signal #2 Phase:
  Signal #1 Info :
                                   Signal #2 Info :
       Compound RT#1 RT#2 Resp#1 Resp#2 pg#1 pg#2
  Target Compounds
1) TCMX-Surrogate 2.941 2.951 1326810 1207750 72.733 90.931m#
4 DCB-Surrogate 9.047 9.424 1641262 1242930 69.679m 84.221m
 (f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.
```

Data Path : G:\Gcdata\2009\GC 2\Data\12-1809\

Data File : 2G51609.D

Signal(s): Signal #1: ECD1A.CH Signal #2: ECD2B.CH

: 18 Dec 2009 2:52 Aca On

MS Operator

: AC48729-007 Sample

Misc : S, PCB

Sample Multiplier: 1 ALS Vial : 13

Integration File signal 1: AUTOINT1.E Integration File signal 2: AUTOINT2.E

Quant Time: Dec 18 09:44:01 2009
Quant Method: G:\GCDATA\2009\GC\_2\METHODQT\2G\_C1218.M

Quant Title : @GC\_2,ug,508,8082

QLast Update : Thu Dec 17 16:02:35 2009

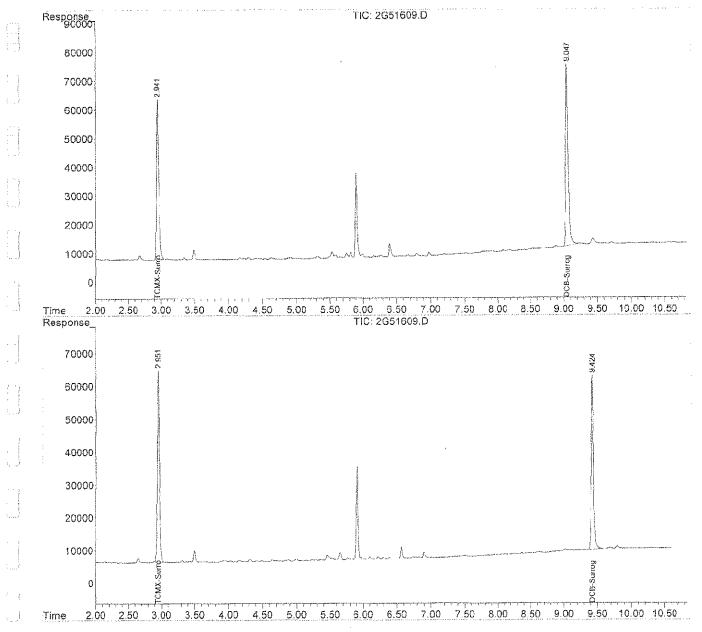
Response via : Initial Calibration

Integrator: ChemStation

Volume Inj.

Signal #1 Phase : Siqual #1 Info

Signal #2 Phase: Signal #2 Info :



#### **CRGANICS PCB REPORT**

Sample Number: AC48729-008

Client Id: SS04-B

Data File: 2G51610.D Analysis Date: 12/18/09 03:06

Date Rec/Extracted: 12/04/09-12/17/09

Column: DB-17/1701P 30M 0.32mm ID 0.25um film

Method: EPA 8082

Matrix: Soil

Initial Vol: 20g

Final Vol: 10ml

Dilution: 1

Solids: 95

Units: mg/Kg

	Cas#	Compound	RL	Conc	Cas #	Compound	RL	Conc
	2674-11-2	Aroclor-1016	0.026	Ų	11097-69-1	Aroclor-1254	0.026	U
-	1104-28-2	Aroclor-1221	0.026	U	11096-82-5	Aroclor-1260	0.026	U
	11141-16-5	Aroclor-1232	0.026	U	37324-23-5	Aroclor-1262	0.026	U
<i>:</i>	3469-21-9	Aroclor-1242	0.026	نا	11100-14-4	Aroclor-1268	0.026	U
	2672-29-6	Arocior-1248	0.026	U	1336-36-3	Aroclor (Total)	0.026	U

Worksheet #: 138419

Total Target Concentration

V - Indicates the compound was analyzed but not detected.

 $rac{\lambda}{2}$  - Indicates the analyte was found in the blank as well as in the sample.

E - Indicates the analyte concentration exceeds the calibration range of the instrument.

R - Retention Time Out

I - Indicates an estimated value when a compound is detected at less than the

specified detection limit. d - Pesticide %Diff>40% between columns due to coeluion. Lower concentration used.

```
Data Path : G:\Gcdata\2009\GC_2\Data\12-1809\
```

Data File : 2G51610.D

Signal(s): Signal #1: ECD1A.CH Signal #2: ECD2B.CH

"Acq On : 18 Dec 2009 3:06

Operator : MS

Sample : AC48729-008

Misc : S, PCB

ALS Vial : 14 Sample Multiplier: 1

Integration File signal 1: AUTOINT1.E Integration File signal 2: AUTOINT2.E

Quant Time: Dec 18 09:44:26 2009

Quant Method : G:\GCDATA\2009\GC\_2\METHODQT\2G\_C1218.M

Quant Title : @GC 2,ug,608,8082 QLast Update : Thu Dec 17 16:02:35 2009 Response via : Initial Calibration

Integrator: ChemStation

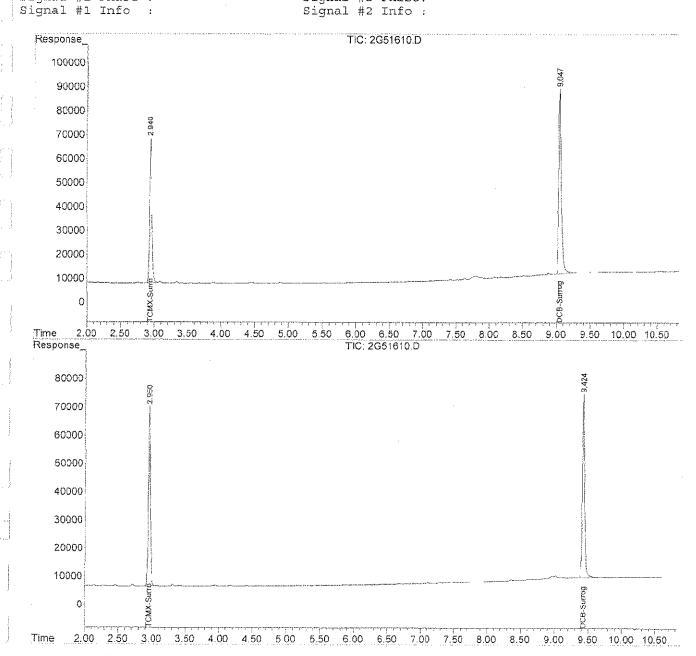
Volume Inj.

Signal #1 Phase: Signal #2 Phase: Signal #2 Info:

$\cdot \gamma$	Compound	RT#1	RT#2	Resp#1	Resp#2	pg#1	pg#2
	يون من من من الله والله		. After the man was now and and	er ann ann den ente ann ann ann	and the thirt has able for any way may a		
	Target Compounds						
)	TCMX-Surrogate	2.941	2.951	1459193	1307668	79.989	98.454
	DCB-Surrogate	9.047	9.424	2047613	1525228	86.930	103.349m

 $_{\rm cry}(f)$  =RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

```
Quantitation Report (QT Reviewed)
  Data Path : G:\Gcdata\2009\GC 2\Data\12-1809\
  Data File: 2G51610.D
  Signal(s): Signal #1: ECD1A.CH Signal #2: ECD2B.CH
             : 18 Dec 2009
  Acq On
                              3:06
  Operator : MS
Sample
             : AC48729-008
  Misc
             : S, PCB
            : 14
ALS Vial
                    Sample Multiplier: 1
  Integration File signal 1: AUTOINT1.E
Integration File signal 2: AUTOINT2.E
  Quant Time: Dec 18 09:44:26 2009
  Quant Method: G:\GCDATA\2009\GC 2\METHODQT\2G C1218.M
  Quant Title : @GC 2, ug, 608, 8082
  QLast Update : Thu Dec 17 15:02:35 2009
Response via : Initial Calibration
  Integrator: ChemStation
Volume Inj. :
Signal #1 Phase :
                                         Signal #2 Phase:
```



ORGANICS PCB REPORT

Sample Number: AC48729-009

Client Id: SS05-A

Data File: 2G51611.D Analysis Date: 12/18/09 03:20

Date Rec/Extracted: 12/04/09-12/17/09

Column: DB-17/1701P 30M 0.32mm ID 0.25um film

Method: EPA 8082

Matrix: Soil

Initial Vol: 20g Final Vol: 10ml

Dilution: 1

Solids: 93

Units: mg/Kg

- 11140								
	Cas#	Compound	RL	Conc	Cas#	Compound	RL	Conc
11		Aroclor-1016	0.027	U	11097-69-1	Aroclor-1254	0.027	U
	1104-28-2	Aroclor-1221	0.027	U	11096-82-5	Aroclor-1260	0.027	U
	11141-16-5	Aroclor-1232	0.027	U	37324-23-5	Arocior-1262	0.027	U
	°3469-21-9	Aroclor-1242	0.027	U	11100-14-4	Arocior-1268	0.027	U
	2672-29-6	Aroclor-1248	0.027	U	1336-36-3	Aroclor (Total)	0.027	U

Worksheet #: 138419

Total Target Concentration

<sup>) -</sup> Indicates the compound was analyzed but not detected.

<sup>-</sup> Indicates the analyte was found in the blank as well as in the sample.
- Indicates the analyte concentration exceeds the calibration range of

 $<sup>\</sup>vec{x}$  - Indicates the analyte concentration exceeds the calibration range of the instrument.

R - Retention Time Out

J - Indicates an estimated value when a compound is detected at less than the specified detection limit.

d - Pesticide %Diff>40% between columns due to coelution. Lower concentration used.

```
Quantitation Report (QT R

Data Path: G:\Gcdata\2009\GC_2\Data\12-1809\
Data File: 2G51611.D

Signal(s): Signal #1: ECD1A.CH Signal #2: ECD2B.CH

Acq On: 18 Dec 2009 3:20

Decrator: MS

Sample: AC48729-009

Misc: S, PCB

ALS Vial: 15 Sample Multiplier: 1

Integration File signal 1: AUTOINT1.E

Integration File signal 2: AUTOINT2.E

Quant Time: Dec 18 09:44:51 2009

Duant Method: G:\GCDATA\2009\GC_2\METHODQT\2G C1218.M

Quant Title: @GC 2.ug,608,8082

QLast Update: Thu Dec 17 16:02:35 2009

Response via: Initial Calibration
```

Integrator: ChemStation

Volume Inj. :
Signal #1 Phase :
Signal #1 Info :

Signal #2 Phase: Signal #2 Info :

Compound RT#1 RT#2 Resp#1 Resp#2 pg#1 pg#2

Target Compounds

TCMX-Surrogate 2.941 2.951 1467017 1311731 80.418 98.760

DCB-Surrogate 9.047 9.424 1845293 1411100 78.341m 95.616m

 $\mathrm{col}(f)=\mathrm{RT}$  Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

M

```
Data Path : G:\Gcdata\2009\GC 2\Data\12-1809\
 Data File: 2G51611.D
 Signal(s): Signal #1: ECD1A.CH Signal #2: ECD2B.CH
            : 18 Dec 2009
 Operator : MS
            : AC48729-009
 Sample
            : S, PCB
 Misc
 ALS Vial : 15
                   Sample Multiplier: 1
 Integration File signal 1: AUTOINT1.E
 Integration File signal 2: AUTOINT2.E
Quant Time: Dec 18 09:44:51 2009
 Quant Method: G:\GCDATA\2009\GC_2\METHODQT\2G_C1218.M
 Quant Title : @GC_2,ug,608,8082
 QLast Update : Thu Dec 17 16:02:35 2009
 Response via : Initial Calibration
 Integrator: ChemStation
 Volume Inj.
Signal #1 Phase :
                                         Signal #2 Phase:
Signal #1 Info :
                                         Signal #2 Info :
   Response
                                               TIC: 2G51611 D
      100000
      90000
      80000
      70000
      60000
      50000
      40000
      30000
      20000
      10000
                                                                             DCB-Surrog
         0
                                               6.00 6.50 7.00 7.50 8.00 8.50 9.00 9.50 10.00 10.50
                  3.00 3.50 4.00 4.50
                                     5.00
                                          5.50
   Response_
                                               TIC: 2G51611.D
      80000
      70000
      60000
      50000
      40000
      30000
      20000
      10000
         Đ
         2.00 2.50 3.00 3.50 4.00 4.50 5.00 5.50 6.00 8.50 7.00 7.50 8.00 8.50 9.00 9.50 10.00 10.50
```

#### **CRGANICS PCB REPORT**

Sample Number: AC48729-010

Client Id: SS05-B Data File: 2G51612.D Analysis Date: 12/18/09 03:33

Date Rec/Extracted: 12/04/09-12/17/09

Column: DB-17/1701P 30M 0.32mm ID 0.25um film

Method: EPA 8082

Matrix: Soil Initial Vol: 20g

Final Vol: 10ml Dilution: 1

Solids: 92

Units: mg/Kg

Cas	# Compound	RL	Conc	Cas#	Compound	RL.	Conc	
2674-1	1-2 Aroclor-1016	0.027	U	11097-69-1	Araclar-1254	0.027	U	
1104-2	8-2 Arocior-1221	0.027	U	11096-82-5	Araclor-1260	0.027	U	
11141-16	5-5 Aroclor-1232	0.027	U	37324-23-5	Aroclor-1262	0.027	U	
3469-2	1-9 Arodor-1242	0.027	U	11100-14-4	Aroclor-1268	0.027	U	
2672-29	9-6 Aroclor-1248	0,027	U	1336-36-3	Aroclor (Total)	0.027	U	

Worksheet #: 138419

Total Target Concentration

ColumnID: (^) Indicates results from 2nd column

0

<sup>I - Indicates the compound was analyzed but not detected.
Indicates the analyte was found in the blank as well as in the sample.</sup> 

E - Indicates the analyte concentration exceeds the calibration range of the instrument.

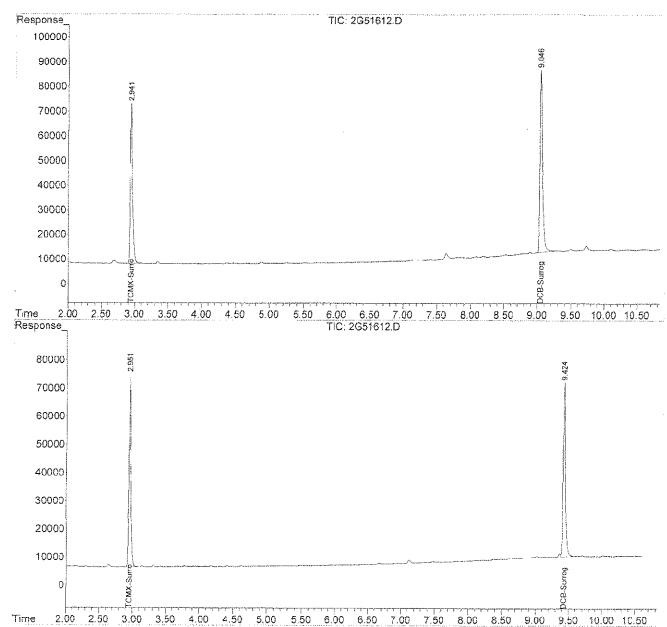
R - Retention Time Out

J - Indicates an estimated value when a compound is detected at less than the specified detection limit.

d - Pesticide %Diff>40% between columns due to coelution. Lower concentration used.

```
quantitation Report (QT Reviewed)
 Data Path : G:\Gcdata\2009\GC 2\Data\12-1809\
 Data File : 2G51612.D
 Signal(s): Signal #1: ECD1A.CH Signal #2: ECD2B.CH
 Acq On : 18 Dec 2009 3:33
 Operator : MS
Sample : AC48729-010
Misc : S, PCB
 ALS Vial : 16 Sample Multiplier: 1
Integration File signal 1: AUTOINT1.E
 Integration File signal 2: AUTOINT2.E
Quant Time: Dec 18 09:45:30 2009
 Quant Method : G:\GCDATA\2009\GC_2\METHODQT\2G_C1218.M
Quant Title : @GC_2,ug,608,8082
QLast Update : Thu Dec 17 16:02:35 2009
Response via : Initial Calibration
 Integrator: ChemStation
 Volume Inj.
Signal #1 Phase :
                                   Signal #2 Phase:
 Signal #1 Info :
                                    Signal #2 Info :
                      RT#1 RT#2 Resp#1 Resp#2
      Compound
                                                            pg#1 pg#2
Target Compounds
1)TCMX-Surrogate 2.941 2.952 1575435 1402276 86.362 105.577 4 DCB-Surrogate 9.046 9.424 1947342 1443115 82.673m 97.785
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.
```

```
Data Path : G:\Gcdata\2009\GC_2\Data\12-1809\
 Data File : 2G51612.D
 Signal(s): Signal #1: ECD1A.CH Signal #2: ECD2B.CH
            : 18 Dec 2009
: MS
 Acq On
                             3:33
 Operator
 Sample
            : AC48729-010
 Misc
             : S, PCB
ALS Vial : 16 Sample Multiplier: 1
 Integration File signal 1: AUTOINT1.E
 Integration File signal 2: AUTOINT2.E
Quant Time: Dec 18 09:45:30 2009
 Quant Method : G:\GCDATA\2009\GC_2\METHODQT\2G C1218.M
Quant Title : @GC_2,ug,608,8082
QLast Update : Thu Dec 17 16:02:35 2009
Response via : Initial Calibration
 Integrator: ChemStation
 Volume Inj.
| Signal #1 Phase :
                                          Signal #2 Phase:
Signal #1 Info :
                                          Signal #2 Info :
   Response
      100000
```



ORGANICS PCB REPORT

Sample Number: AC48729-011

Client Id: SS06-A

Data File: 2G51613.D

Analysis Date: 12/18/09 03:47

Date Rec/Extracted: 12/04/09-12/17/09

Column: DB-17/1701P 30M 0.32mm ID 0.25um film

Method: EPA 8082

Matrix: Soil

Initial Vol: 20g

Final Vol: 10ml

Dilution: 1

Solids: 95

Units: mg/Kg

					_				
Cas #	Compound	RL	Conc		Cas#	Compound	RL	Conc	
2674-11-2	Aroclor-1016	0.026	U	1	1097-69-1	Aroclor-1254	0.026	U	
1104-28-2	Aroclor-1221	0.026	U	1	1096-82-5	Aroclor-1260	0.026	U	
11141-16-5	Aroclor-1232	0.026	U	3	7324-23-5	Aroclor-1262	0.026	U	
53469-21-9	Aroclor-1242	0.026	Ŭ	1	1100-14-4	Aroclor-1268	0.026	U	
2672-29-6	Arocior-1248	0.026	U	Ì	1336-36-3	Aroclor (Total)	0.026	U	

Worksheet #: 138419

Total Target Concentration

ColumnID: (^) Indicates results from 2nd column

I - Indicates the compound was analyzed but not detected.

<sup>)-</sup>Indicates the analyte was found in the blank as well as in the sample, \( \alpha \)-Indicates the analyte concentration exceeds the calibration range of the instrument.

R - Retention Time Out

J - Indicates an estimated value when a compound is detected at less than the specified detection limit.

d - Pesticide %Dlff>40% between columns due to coelution. Lower concentration used.

```
Quantitation Report
  Data Path : G:\Gcdata\2009\GC_2\Data\12-1809\
Data File : 2G51613.D
 Signal(s): Signal #1: ECD1A.CH Signal #2: ECD2B.CH
            : 18 Dec 2009 3:47
: MS
  Acq On
  Operator
             : AC48729-011
 Sample
             : S, PCB
 Misc
FALS Vial : 17 Sample Multiplier: 1
Integration File signal 1: AUTOINT1.E
  Integration File signal 2: AUTOINT2.E
  Quant Time: Dec 18 09:46:10 2009
  Quant Method : G:\GCDATA\2009\GC_2\METHODQT\2G_C1218.M
Quant Title : @GC_2,ug,608,8082
QLast Update : Thu Dec 17 16:02:35 2009
Response via : Initial Calibration
```

: Integrator: ChemStation

Volume Inj.

| Signal #1 Phase : Signal #2 Phase: | Signal #1 Info : Signal #2 Info :

* 3	Compound	RT#1	RT#2	Resp#1	Resp#2	pg#1	pg#2
-	عدال من الله الله الله الله الله الله الله الل	and the said that the said the said to		gam min repr toly told told loss told			pilo Basi Mil, diple dess des unes plus bijo
T	arget Compounds						
, 1.) T	CMX-Surrogate	2.943	2.953	1660388	1471956	91.018	110.823
4 )D	CB-Surrogate	9.048	9.425	2234946	1623574	94.883m	110.013m
(							

(f) = RT Delta > 1/2 Window (#) = Amounts differ by > 25% , (m) = manual int.

```
Data Path : G:\Gcdata\2009\GC_2\Data\12-1809\
Data File: 2G51613.D
Signal(s): Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On
         : 18 Dec 2009
                         3:47
Operator : MS
          : AC48729-011
Sample
          : S, PCB
Misc
ALS Vial : 17
                Sample Multiplier: 1
```

Integration File signal 1: AUTOINT1.E Integration File signal 2: AUTOINT2.E

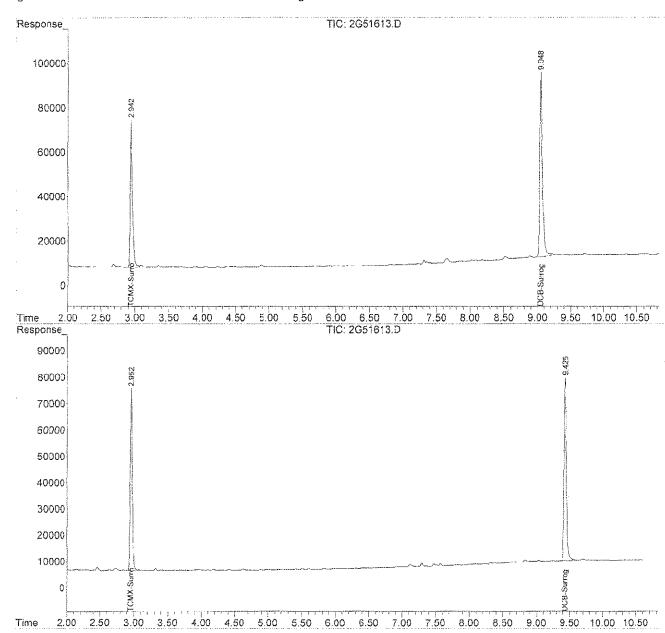
Quant Time: Dec 18 09:46:10 2009

Quant Method : G:\GCDATA\2009\GC\_2\METHODQT\2G\_C1218.M

Quant Title : @GC\_2,ug,608,8082 QLast Update : Thu Dec 17 16:02:35 2009 Response via : Initial Calibration

Integrator: ChemStation

Volume Inj. Signal #2 Phase: Signal #1 Phase : Signal #2 Info : Signal #1 Info :



#### ORGANICS PCB REPORT

Sample Number: AC48729-012

Client Id: SS06-B Data File: 2G51614.D

Analysis Date: 12/18/09 04:01 Date Rec/Extracted: 12/04/09-12/17/09

Column: DB-17/1701P 30M 0.32mm ID 0.25um film

Method; EPA 8082

Matrix: Soil

Initial Vol: 20g Final Vol: 10ml

Dilution: 1

Solids: 93

Units: mg/Kg

	Cas#	Compound	RL	Conc	Cas#	Compound	RL	Conc
	2674-11-2	Aroclor-1016	0.027	U	11097-69-1	Aroclor-1254	0.027	U
	1104-28-2	Aroclor-1221	0.027	U	11096-82-5	Aroclor-1260	0.027	IJ
	11141-16-5	Arocior-1232	0.027	U	37324-23-5	Aroclor-1262	0.027	U
( '	3469-21-9	Aroclor-1242	0.027	U	11100-14-4	Aroclor-1268	0.027	U
	2672-29-6	Aroclor-1248	0.027	U	1336-36-3	Aroclor (Total)	0.027	U

y - Indicates the compound was analyzed but not detected.

<sup>3 -</sup> Indicates the analyte was found in the blank as well as in the sample.

E. Indicates the analyte concentration exceeds the calibration range of the instrument.

R - Retention Time Out

J - Indicates an estimated value when a compound is detected at less than the specified detection limit.

d - Pesticide %Diff>40% between columns due to coelution. Lower concentration used.

```
Quantitation Report (QT Reviewed)
 Data Path : G:\Gcdata\2009\GC 2\Data\12-1809\
 Data File : 2G51614.D
 Signal(s): Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 18 Dec 2009 4:01
  Operator : MS
 Sample : AC48729-012
 Misc : S, PCB
ALS Vial : 18 Sample Multiplier: 1
Integration File signal 1: AUTOINT1.E
 Integration File signal 2: AUTOINT2.E
Quant Time: Dec 18 09:46:26 2009
 Quant Method: G:\GCDATA\2009\GC 2\METHODQT\2G C1218.M
Quant Title : @GC_2,ug,608,8082
 QLast Update : Thu Dec 17 16:02:35 2009
Response via : Initial Calibration
 Integrator: ChemStation
 Volume Inj.
                                   Signal #2 Phase:
Signal #1 Phase :
 Signal #1 Info :
                                    Signal #2 Infc :
      Compound RT#1 RT#2 Resp#1 Resp#2 pg#1 pg#2
  Target Compounds
1) TCMX-Surrogate 2.942 2.952 1565449 1382027 85.814 104.052
4 DCB Surrogate 9.048 9.426 2114856 1523667 89.785m 103.244
```

 $_{(\pm)}(f)=RT$  Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

```
Data Path : G:\Gcdata\2009\GC_2\Data\12-1809\
 Data File : 2G51614.D
  Signal(s): Signal #1: ECD1A.CH Signal #2: ECD2B.CH
              : 18 Dec 2009
  Acq On
                                4:01
  Operator : MS
  Sample
              : AC48729-012
  Misc
              : S, PCB
 ALS Vial
             : 18
                    Sample Multiplier: 1
  Integration File signal 1: AUTOINT1.E
  Integration File signal 2: AUTOINT2.E
  Quant Time: Dec 18 09:46:26 2009
  Quant Method : G:\GCDATA\2009\GC_2\METHODQT\2G_C1218.M
  Quant Title : @GC 2, ug, 608, 8082
QLast Update : Thu Dec 17 16:02:35 2009
Response via : Initial Calibration
  Integrator: ChemStation
  Volume Inj.
 | Signal #1 Phase :
                                           Signal #2 Phase:
  Signal #1 Info :
                                           Signal #2 Info :
    Response_
                                                  TIC: 2G51614.D
       100000
        90000
        80000
        70000
        60000
        50000
        40000
        30000
        20000
        10000
                    3.00 3.50 4.00 4.50 5.00 5.50
                                                 6.00 6.50 7.00
                                                                7.50 8.00 8.50 9.00 9.50 10.00 10.50
    Response
                                                  TIC: 2G51614.D
        80000
       70000
       60000
       50000
       40000
       30000
       20000
       10000
           0
               2.50 3.00 3.50 4.00 4.50 5.00 5.50 6.00 6.50 7.00 7.50 8.00 8.50 9.00 9.50 10.00 10.50
```

ORGANICS PCB REPORT

Sample Number: AC48729-013

Client Id: SS07-A

Data File: 2G51615.D

Analysis Date: 12/18/09 04:15

Date Rec/Extracted: 12/04/09-12/17/09

Column: DB-17/1701P 30M 0.32mm ID 0.25um film

Method: EPA 8082

Matrix: Soil

Initial Vol: 20g

Final Vol: 10ml

Dilution: 1

Solids: 92

Units: mg/Kg

		0124001					
Compound	RL	Conc	Cas #	Compound	RL	Conc	
Araclor-1016	0.027	U	11097-69-1	Aroclor-1254	0.027	U	
2 Aroclor-1221	0.027	U	11096-82-5	Aroclor-1260	0.027	U	
Aroclor-1232	0.027	U	37324-23-5	Aroclor-1262	0.027	U	
Araclor-1242	0.027	U	11100-14-4	Araclar-1268	0.027	Ų	
Aroclor-1248	0.027	U	1336-36-3	Arocior (Total)	0.027	U	
	Arector-1016 Arector-1221 Arector-1232 Arector-1242	2. Araclar-1016       0.027         2. Araclar-1221       0.027         3. Araclar-1232       0.027         3. Araclar-1242       0.027	Compound         RL         Conc           2 Araclar-1016         0.027         U           2 Araclar-1221         0.027         U           3 Araclar-1232         0.027         U           4 Araclar-1242         0.027         U	2 Araclar-1016 0.027 U 11097-69-1 2 Araclar-1221 0.027 U 11096-82-5 3 Araclar-1232 0.027 U 37324-23-5 4 Araclar-1242 0.027 U 11100-14-4	Compound         RL         Conc         Cas # Compound           2 Araclar-1016         0.027         U         11097-69-1 Araclar-1254           2 Araclar-1221         0.027         U         11096-82-5 Araclar-1260           3 Araclar-1232         0.027         U         37324-23-5 Araclar-1262           3 Araclar-1242         0.027         U         11100-14-4 Araclar-1268	Compound         RL         Conc         Cas # Compound         RL           2 Araclar-1016         0.027         U         11097-69-1 Araclar-1254         0.027           2 Araclar-1221         0.027         U         11096-82-5 Araclar-1260         0.027           3 Araclar-1232         0.027         U         37324-23-5 Araclar-1262         0.027           3 Araclar-1242         0.027         U         11100-14-4 Araclar-1268         0.027	Compound         RL         Conc         Cas # Compound         RL         Conc           2 Araclar-1016         0.027         U         11097-69-1 Araclar-1254         0.027         U           2 Araclar-1221         0.027         U         11096-82-5 Araclar-1260         0.027         U           3 Araclar-1232         0.027         U         37324-23-5 Araclar-1262         0.027         U           3 Araclar-1242         0.027         U         11100-14-4 Araclar-1268         0.027         U

Worksheet #: 138419

the instrument.

Total Target Concentration

ColumnID. (^) Indicates results from 2nd column

<sup>} -</sup> Indicates the compound was analyzed but not detected.

<sup>3 -</sup> Indicates the analyte was found in the blank as well as in the sample. E - indicates the analyte concentration exceeds the calibration range of

ge of spen

R - Retention Time Out J - Indicates an estimated value when a compound is detected at less than the specified detection limit.

d - Pesticide %Diff>40% between columns due to coelution. Lower concentration used.

```
Data Path : G:\Gcdata\2009\GC 2\Data\12-1809\
  Data File: 2G51615.D
  Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
 Acq On : 18 Dec 2009 4:15
Operator : MS
 Acq On
Sample : AC48729-013
Misc : S, PCB
MALS Vial : 19 Sample Multiplier: 1
 Integration File signal 1: AUTOINT1.E
  Integration File signal 2: AUTOINT2.E
  Quant Time: Dec 18 09:47:04 2009
  Quant Method : G:\GCDATA\2009\GC_2\METHODQT\2G C1218.M
  Quant Title : @GC_2,ug,608,8082
  QLast Update : Thu Dec 17 16:02:35 2009
 Response via : Initial Calibration
  Integrator: ChemStation
  Volume Inj.
Signal #1 Phase :
                                      Signal #2 Phase:
 Signal #1 Info :
                                      Signal #2 Info :
       Compound RT#1 RT#2 Resp#1 Resp#2 pg#1 pg#2
  Target Compounds
1) TCMX-Surrogate 2.942 2.952 1643240 1440381 90.078 108.446m
4 DCB-Surrogate 9.047 9.426 1964230 1500588 83.390m 101.680
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.
```

13

```
Data Path : G:\Gcdata\2009\GC_2\Data\12-1809\
 Data File : 2G51615.D
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
            : 18 Dec 2009
                              4:15
 Acq On
           : MS
 Operator
            : AC48729-013
Sample
            : S, PCB
 Misc
                    Sample Multiplier: 1
 ALS Vial
           : 19
 Integration File signal 1: AUTOINT1.E
 Integration File signal 2: AUTOINT2.E
 Quant Time: Dec 18 09:47:04 2009
 Quant Method: G:\GCDATA\2009\GC 2\METHODQT\2G C1218.M
 Quant Title : @GC_2,ug,608,8082
QLast Update : Thu Dec 17 16:02:35 2009
 Response via : Initial Calibration
 Integrator: ChemStation
 Volume Inj.
Signal #1 Phase :
                                          Signal #2 Phase:
 Signal #1 Info
                                          Signal #2 Info :
   Response_
                                                TIC: 2G51615.D
      100000
      90000
      80000
      70000
      60000
      50000
      40000
      30000
      20000
      10000
                                                6.00 6.50 7.00 7.50 8.00 8.50 9.00 9.50 10.00 10.50
        2,00 2.50
                       3.50 4.00 4.50 5.00 5.50
                                                TIC: 2G51615,D
      80000
      70000
      60000
      50000
      40000
      30000
      20000
      10000
         0
   Time 2.00 2.50 3.00 3.50 4.00 4.50 5.00 5.50 6.00 6.50 7.00 7.50 8.00 8.50 9.00 9.50 10.00 10.50
```

#### ORGANICS PCB REPORT

Sample Number: AC48729-014

Client Id: SS07-B Data File: 2G51616.D Analysis Date: 12/18/09 04:29

Date Rec/Extracted: 12/04/09-12/17/09

Column: DB-17/1701P 30M 0.32mm ID 0.25um film

Method: EPA 8082

Matrix: Soil Initial Vol: 20g Final Vol: 10ml Dilution: 1

Solids: 94

Units: mg/Kg

	Cas#	Compound	RL	Conc	Cas#	Compound	RL	Conc
	2874-11-2	Aracior-1016	0.027	U	11097-69-1	Aroclor-1254	0.027	U
٠.	1104-28-2	Aroclor-1221	0.027	U	11096-82-5	Aroclor-1260	0.027	U
	11141-16-5	Aroclor-1232	0.027	U	37324-23-5	Aroclor-1262	0.027	U
r - '	3469-21-9	Aroclor-1242	0.027	U	11100-14-4	Aroclor-1268	0.027	Ų
	2572-29-6	Aroclor-1248	0.027	U	1336-36-3	Aroclor (Total)	0.027	U

Worksheet #: 138419

Total Target Concentration

ColumnID: (^) Indicates results from 2nd column

<sup>-</sup> Indicates the compound was analyzed but not detected.

<sup>? -</sup> Indicates the analyte was found in the blank as well as in the sample.

<sup>£ -</sup> Indicates the analyte concentration exceeds the calibration range of

the instrument.

R - Retention Time Out

J - Indicates an estimated value when a compound is detected at less than the specified detection limit.

d - Pesticide %Diff>40% between columns due to coelution. Lower concentration used.

```
124 324 444 444/
                            your acceptation report
  Data Path : G:\Gcdata\2009\GC_2\Data\12-1809\
  Data File : 2G51616.D
  Signal(s): Signal #1: ECD1A.CH Signal #2: ECD2B.CH
 Acq On : 18 Dec 2009
  Operator : MS
  Sample : AC48729-014
           : S, PCB
 Misc
ALS Vial : 20 Sample Multiplier: 1
Integration File signal 1: AUTOINT1.E
  Integration File signal 2: AUTOINT2.E
Quant Time: Dec 18 09:47:19 2009
  Quant Method : G:\GCDATA\2009\GC 2\METHODQT\2G C1218.M
______uant Title : @GC 2,ug,608,8082
  QLast Update : Thu Dec 17 16:02:35 2009
Response via : Initial Calibration
  Integrator: ChemStation
  Volume Inj.
Signal #1 Phase :
                                      Signal #2 Phase:
  Signal #1 Info :
                                     Signal #2 Info :
      Compound RT#1 RT#2 Resp#1 Resp#2 pg#1 pg#2
Target Compounds
1)TCMX-Surrogate 2.943 2.953 1439925 1263537 78.933 95.131
4<sup>--</sup>)DCB-Surrogate 9.049 9.426 2031668 1456066 86.253 98.663
```

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

```
Data Path : G:\Gcdata\2009\GC 2\Data\12-1809\
 Data File : 2G51616.D
 Signal(s): Signal #1: ECD1A.CH Signal #2: ECD2B.CH
 Acq On
             : 18 Dec 2009
 Operator : MS
 Sample
            : AC48729-014
 Misc
             : S,PCB
 ALS Vial
            : 20
                    Sample Multiplier: 1
 Integration File signal 1: AUTOINT1.E
 Integration File signal 2: AUTOINT2.E
 Quant Time: Dec 18 09:47:19 2009
 Quant Method: G:\GCDATA\2009\GC_2\METHODQT\2G_C1218.M
Quant Title : @GC_2,ug,608,8082
 QLast Update: Thu Dec 17 16:02:35 2009
Response via: Initial Calibration
 Integrator: ChemStation
 Volume Inj.
Signal #1 Phase :
                                          Signal #2 Phase:
 Signal #1 Info
                                          Signal #2 Info :
   Response
                                                TIC: 2G51616.D
      100000
      90000
      80000
      70000
      60000
      50000
      40000
      30000
      20000
      10000
         0
                   3.00 3.50 4.00 4.50 5.00 5.50 6.00 6.50 7.00 7.50 8.00 8.50 8.00 9.50 10.00 10.50
   Response
                                                TIC: 2G51616.D
      80000
      70000
      60000
      50000
      40000
      30000
      20000
      10000
         0
                      3.50
             2.50 3.00
                            4.00 4.50 5.00 5.50 6.00 6.50 7.00 7.50 8.00 8.50 9.00
```

ORGANICS PCB REPORT

Sample Number: AC48729-015

Client Id: SS08-A

Data File: 2G51619.D Analysis Date: 12/18/09 05:10

Date Rec/Extracted: 12/04/09-12/17/09

Column: DB-17/1701P 30M 0.32mm ID 0.25um film

Method: EPA 8082

Matrix: Soil

Initial Vol: 20g

Final Vol: 10ml

Dilution: 1 Solids: 95

Units: ma/Ka

		O1111601 1					
Compound	RL	Conc	Cas #	Compound	RL	Conc	
Aroclor-1016	0.026	U	11097-69-1	Aroclor-1254	0,026	U	
Aroclor-1221	0.026	U	11096-82-5	Aroclor-1260	0.026	U	
Aroclor-1232	0.026	U	37324-23-5	Aroclor-1262	0.026	U	
Aroclor-1242	0.026	U	11100-14-4	Aroclor-1268	0.026	U	
Aroclor-1248	0.026	U	1336-36-3	Arocior (Total)	0.026	U	
	Compound Aroclor-1016 Aroclor-1221 Aroclor-1232 Aroclor-1242 Aroclor-1248	Arpclor-1016 0.026 Arpclor-1221 0.026 Arpclor-1232 0.026 Arpclor-1242 0.026	Compound         RL         Conc           Arpclor-1016         0.026         U           Arpclor-1221         0.026         U           Arpclor-1232         0.026         U           Arpclor-1242         0.026         U	Arpclor-1016 0.026 U 11097-69-1 Arpclor-1221 0.026 U 11096-82-5 Arpclor-1232 0.026 U 37324-23-5 Arpclor-1242 0.026 U 11100-14-4	Compound         RL         Conc         Cas # Compound           Arpclor-1016         0.026         U         11097-69-1 Aroclor-1254           Arpclor-1221         0.026         U         11096-82-5 Aroclor-1260           Arpclor-1232         0.026         U         37324-23-5 Aroclor-1262           Arpclor-1242         0.026         U         11100-14-4 Aroclor-1268	Compound         RL         Conc         Cas # Compound         RL           Arpclor-1016         0.026         U         11097-69-1 Aroclor-1254         0.026           Arpclor-1221         0.026         U         11096-82-5 Aroclor-1260         0.026           Arpclor-1232         0.026         U         37324-23-5 Aroclor-1262         0.026           Arpclor-1242         0.026         U         11100-14-4 Aroclor-1268         0.026	Compound         RL         Conc         Cas # Compound         RL         Conc           Arbclor-1016         0.026         U         11097-69-1         Aroclor-1254         0.026         U           Arbclor-1221         0.026         U         11096-82-5         Aroclor-1260         0.026         U           Arbclor-1232         0.026         U         37324-23-5         Aroclor-1262         0.026         U           Arbclor-1242         0.026         U         11100-14-4         Aroclor-1268         0.026         U

Worksheet #: 138419

the instrument.

Total Target Concentration

R - Retention Time Out

ColumnID; (^) Indicates results from 2nd column

J - Indicates an estimated value when a compound is detected at less than the

<sup>-</sup> Indicates the compound was analyzed but not detected.

<sup>-</sup> Indicates the analyte was found in the blank as well as in the sample. E - Indicates the analyte concentration exceeds the calibration range of

specified detection limit. d - Pesticide %Diff>40% between columns due to coelution. Lower concentration used.

```
Data Path : G:\Gcdata\2009\GC_2\Data\12-1809\
  Data File : 2G51619.D
 Signal(s): Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 18 Dec 2009 5:10
Operator : Ms
Sample : AC48729-015
 Misc
         : S, PCB
ALS Vial : 23 Sample Multiplier: 1
Integration File signal 1: AUTOINTLE Integration File signal 2: AUTOINTLE
"Quant Time: Dec 18 39:48:30 2009
  Quant Method : G:\GCDATA\2009\GC_2\METHODQT\2G_C1218.M
Quant Title : @GC_2,ug,608,8082
 QLast Update : Thu Dec 17 16:02:35 2009
Response via : Initial Calibration
 Integrator: ChemStation
 Volume Inj. :
Signal #1 Phase :
                                    Signal #2 Phase:
 Signal #1 Info :
                                    Signal #2 Info :
      Compound RT#1 RT#2 Resp#1 Resp#2 pg#1 pg#2
Target Compounds
1) TCMX-Surrogate 2.943 2.953 1514008 1336021 82.994 100.588m
4 DCB-Surrogate 9.048 9.427 2150180 1551794 91.285 105.150
```

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

```
Data Path : G:\Gcdata\2009\GC 2\Data\12-1809\
Data File : 2G51619.D
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
            : 18 Dec 2009
                            5:10
 Acq On
           : MS
 Operator
            : AC48729-015
Sample
 Misc
            : S, PCB
                   Sample Multiplier: 1
 ALS Vial : 23
Integration File signal 1: AUTOINT1.E
 Integration File signal 2: AUTOINT2.E
 Quant Time: Dec 18 09:48:30 2009
 Quant Method: G:\GCDATA\2009\GC_2\METHODQT\2G_C1218.M
 Quant Title : @GC_2,ug,608,8082
 QLast Update : Thu Dec 17 16:02:35 2009
 Response via : Initial Calibration
 Integrator: ChemStation
 Volume Inj.
                                        Signal #2 Phase:
 Signal #1 Phase :
                                        Signal #2 Info :
 Signal #1 Info
                                               TIC: 2G51619.D
   Response_
     100000
      80000
      60000
      40000
      20000
         0
                                 4.50 5.00 5.50 6.00 6.50 7.00 7.50 8.00 8.50 9.00 9.50 10.00 10.50
                      3.50 4.00
        2.00
                  3.00
                                               TIC: 2C51619.D
   Response
90000
      80000
      70000
      60000
      50000
      40000
      30000
      20000
       10000
          0
    Time 2.00 2.50 3.00 3.50 4.00 4.50 5.00 5.50 6.00 6.50 7.00 7.50 8.00 8.50 9.00
                                                                               9.50 10.00 10.50
```

ORGANICS PCB REPORT

Sample Number: AC48729-016

Client Id: SS08-B

Data File: 2G51620.D Analysis Date: 12/18/09 05:24

Date Rec/Extracted: 12/04/09-12/17/09

Column: DB-17/1701P 30M 0.32mm ID 0.25um film

Method: EPA 8082

Matrix: Soil

Initial Vol; 20g

Final Vol: 10ml

Dilution: 1

Solids: 68

Units: mg/Kg

Cas #	Compound	RL	Conc	Cas#	Compound	RL	Conc
2674-11-2	Arocior-1016	0.037	U	11097-69-1	Aroctor-1254	0.037	U
1104-28-2	Arocior-1221	0.037	U	11096-82-5	Aroclor-1260	0.037	Ų
11141-16-5	Aroclor-1232	0.037	U	37324-23-5	Aroclor-1262	0.037	U
<sub>-</sub> 53469-21-9	Arocior-1242	0.037	U	11100-14-4	Aroclor-1268	0.037	U
2672-29-6	Araclor-1248	0.037	U	1336-36-3	Aroclor (Total)	0.037	U

Worksheet #: 138419

Total Target Concentration

ColumnID: (^) Indicates results from 2nd column

y - Indicates the compound was analyzed but not detected.

<sup>3 -</sup> Indicates the analyte was found in the blank as well as in the sample.

2 - Indicates the analyte concentration exceeds the calibration range of the instrument.

R - Retention Time Out

 $<sup>{\</sup>it J}$  - Indicates an estimated value when a compound is detected at less than the specified detection limit.

d - Pesticide %Diff>40% between columns due to coelution. Lower concentration used.

```
Data Path : G:\Gcdata\2009\GC 2\Data\12-1809\
 Data File : 2G51620.D
 Signal(s): Signal #1: ECD1A.CH Signal #2: ECD2B.CH
FAcq On : 18 Dec 2009 5:24
 Operator : MS
Sample : AC48729-016
 Misc : S, PCB
ALS Vial : 24 Sample Multiplier: 1
Integration File signal 1: AUTOINT1.E
 Integration File signal 2: AUTOINT2.E
Quant Time: Dec 18 09:48:51 2009
Quart Method: G:\GCDATA\2009\GC_2\METHODQT\2G_C1218.M Quart Title: @GC 2,ug,608,8082
QLast Update : Thu Dec 17 16:02:35 2009
 Response via : Initial Calibration
 Integrator: ChemStation
Volume Inj.
                                    Signal #2 Phase:
 signal #1 Phase :
| Signal #1 Info :
                                     Signal #2 Info :
      Compound RT#1 RT#2 Resp#1 Resp#2 pg#1 pg#2
  Target Compounds
1) TCMX-Surrogate 2.943 2.953 1530421 1348057 83.894 101.494 DCB-Surrogate 9.049 9.425 2054589 1429507 87.226m 96.863m
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.
```

```
Data Path : G:\Gcdata\2009\GC_2\Data\12-1809\
Data File : 2G51620.D
Signal(s): Signal #1: ECD1A.CH Signal #2: ECD2B.CH
           : 18 Dec 2009
                             5;24
          : MS
Operator
Sample
           : AC48729-016
Misc
           : S, PCB
ALS Vial
          ; 24
                   Sample Multiplier: 1
Integration File signal 1: AUTOINT1.E
Integration File signal 2: AUTOINT2.E
Quant Time: Dec 18 09:48:51 2009
Quant Method: G:\GCDATA\2009\GC_2\METHODQT\2G_C1218.M
Quant Title : @GC 2, ug, 608, 8082
QLast Update : Thu Dec 17 16:02:35 2009
Response via : Initial Calibration
Integrator: ChemStation
Volume Inj.
Signal #1 Phase :
                                         Signal #2 Phase:
Signal #1 Info :
                                         Signal #2 Info :
  Response_
                                               TIC: 2G51620.D
    100000
     90000
     80000
     7G000
     60000
     50000
     40000
     30000
     20000
     10000
        D
                      3.50 4.00 4.50 5.00 5.50
                                               6.00 6.50 7.00 7.50 8.00 8.50 9.00 9.50 10.00 10.50
  Response
                                               TIC: 2G51620.D
     80000
     70000
     60000
     50000
     40000
     30000
    20000
     10000
 Time 2.00 2.50 3.50 3.50 4.00 4.50 5.00 5.50 6.00 6.50 7.00 7.50 8.00 8.50 9.00 9.50 10.00 10.50
```

ORGANICS PCB REPORT

Sample Number: AC48729-017

Client Id: FB

Data File: 2G51377.D Analysis Date: 12/10/09 11:23

Date Rec/Extracted: 12/04/09-12/09/09

Column:DB-17/1701P 30M 0.32mm ID 0.25um film

Method: EPA 8082

Matrix: Aqueous

Initial Vol: 980ml

Final Vol: 5ml

Dilution: 1

Solids: 0

Units: ug/L

				w 37. m			
Cas#	Compound	RL	Conc	Cas#	Compound	RL	Conc
	Aroclor-1016	0.26	U	11097-69-1	Aroclor-1254	0.26	, U
1104-28-2	Aroclor-1221	0.26	U	11096-82-5	Aroclor-1260	0.26	U
11141-16-5	Aroclor-1232	0.26	U	37324-23-5	Arocior-1262	0.26	U
3469-21-9		0.26	U	11100-14-4	Aroclor-1268	0.26	U
	Araclor-1248	0,26	U	1336-36-3	Aroclor (Total)	0.26	U

Worksheet #: 138419

Total Target Concentration

ColumnID: (4) Indicates results from 2nd column

<sup>/ -</sup> Indicates the compound was analyzed but not detected.

<sup>3 -</sup> Indicates the analyte was found in the blank as well as in the sample.

E - Indicates the analyte concentration exceeds the calibration range of the instrument.

R - Retention Time Out

J - Indicates an estimated value when a compound is detected at less than the specified detection limit.
 d - Pesticide %Diff>40% between columns due to coelution. Lower concentration used.

```
Data Path : G:\Gcdata\2009\GC_2\Data\12-10-09\
  Data File : 2G51377.D
  Signal(s): Signal #1: ECD1A.CH Signal #2: ECD2B.CH
  Acq On : 10 Dec 2009 11:23
  Operator : MS
  Sample : AC48729-C17
Misc : A, PCB
  ALS Vial : 54 Sample Multiplier: 1
  Integration File signal 1: AUTOINT1.E Integration File signal 2: AUTOINT2.E
Quant Time: Dec 10 11:48:09 2009
  Quant Method : G:\GCDATA\2009\GC 2\METHODQT\2G C1201.M
  Quant Title : @GC 2,ug,608,8082
  QLast Update : Tue Dec 01 09:39:48 2009
Response via : Initial Calibration
  Integrator: ChemStation
Volume Inj. :
Signal #1 Phase :
                                       Signal #2 Phase:
Signal #1 Info :
                                       Signal #2 Info :
       Compound RT#1 RT#2 Resp#1 Resp#2
                                                             pg#1 pg#2
Target Compounds
1) TCMX-Surrogate 2.954 2.964 1729240 1264750 102.240m 89.850m (**) DCB-Surrogate 9.071 9.443 1434565 896263 52.367m 60.165m
4 ) DCB-Surrogate
2.012 2.443 1434565 896263
  (f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.
```

Data Path : G:\Gcdata\2009\GC 2\Data\12-10-09\

Data File : 2G51377.D

Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH

: 10 Dec 2009 11:23 Acq On

Operator : MS

: AC48729-017 Sample

: A, PCB Misc

ALS Vial : 54 Sample Multiplier: 1

Integration File signal 1: AUTOINT1.E Integration File signal 2: AUTOINT2.E

Quant Time: Dec 10 11:48:09 2009

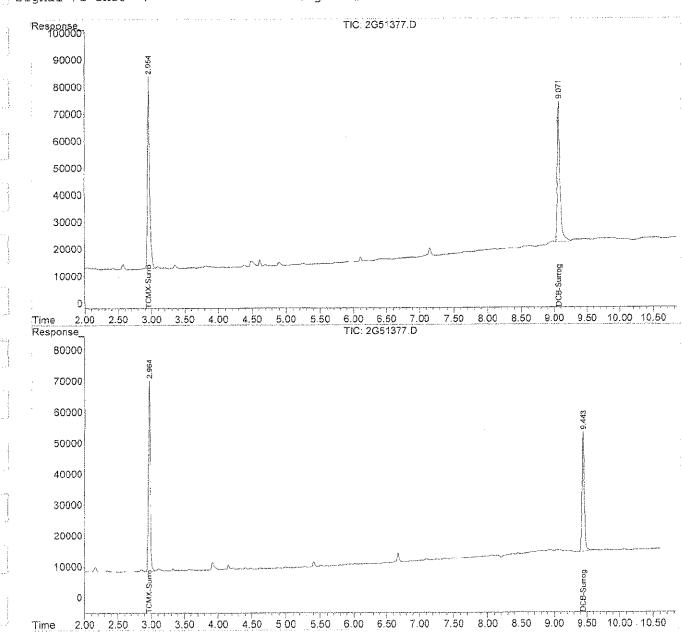
Quant Method : G:\GCDATA\2009\GC\_2\METHODQT\2G\_C1201.M

Quant Title : @GC\_2, ug, 608, 8082 QLast Update : Tue Dec 01 09:39:48 2009

Response via : Initial Calibration

Integrator: ChemStation





Sample ID: AC48729-001

% Solid: 93

Lab Name: Veritech

Nras No:

Client ld: SS01-A Matrix: SOIL

Units: MG/KG Date Rec: 12/5/2009 Lab Code: Contract:

Sdg No: Case No:

Level: LOW

Cas No.	Analyte	RL	Conc	Dil Fact	Analysis Date:	Prep Batch	File:	Seq Num:	M	Instr
7429-90-5	Aluminum	220	1500	100	12/11/09	10826	S10826B	13	Р	PEICPRAD1
7440-36-0	Antimony	2.2	ND	100	12/11/09	10826	S10826A	14	P	PEICP1
7440-38-2	Arsenic	2.2	4.0	100	12/11/09	10826	S10826A	14	P	PEICP1
7440-39-3	Barium	11	ND	100	12/11/09	10826	S10826A	14	P	PEICP1
7440-41-7	Beryllium	0.65	ND	100	12/11/09	10826	\$10826A	14	Ρ	PEICP1
7440-43-9	Cadmium	0.65	ND	100	12/11/09	10826	S10826A	14	P	PEICP1
7440-70-2	Calcium	1100	ND	100	12/11/09	10826	S10826B	13	P	PEICPRAD1
7440-47-3	Chromium	5,4	6.2	100	12/11/09	10826	S10826A	14	P	PE(CP1
7440-48-4	Cobalt	2.7	ND	100	12/11/09	10826	S10826A	14	P	PEICP1
7440-50-8	Copper	5.4	ND	100	12/11/09	10826	S10826A	14	P	PEICP1
7439-89-6	tron	220	11000	100	12/11/09	10826	S10826B	13	P	PEICPRAD1
7439-92-1	Lead	5.4	ND	100	12/11/09	10826	S10826A	14	p	PEICP1
7439-95-4	Magneslum	540	ОN	100	12/11/09	10826	S10826B	13	Ρ	PEICPRAD1
7439-96-5	Manganese	11	14	100	12/11/09	10826	S10826A	14	P	PEICP1
7439-97-6	Mercury	0.090	ND	167	12/10/09	10826	H10826S	14	CV	HGCV2
7440-02-0	Nickel	5.4	ND	100	12/11/09	10826	S10826A	14	Р	PEICP1
7440-09-7	Potassium	540	ND	100	12/11/09	10826	S10826B	13	Р	PEICPRAD1
7782-49-2	Selenlum	1.9	ND	100	12/11/09	10826	S10826A	14	P	PEICP1
7440-22-4	Silver	1,6	ND	100	12/11/09	10826	S10826A	14	P	PEICP1
7440-23-5	Sodium	270	ND	100	12/11/09	10826	S10826B	13	P	PEICPRAD1
7440-28-0	Thallium	1.3	ND	100	12/11/09	10826	S10826A	14	P	PEICP1
7440-62-2	Vanadium	11	13	100	12/11/09	10826	\$10826A	14	Ρ	PEICP1
7440-66-ô	Zinc	11	ND	100	12/11/09	10826	S10826A	14	P	PEICP1

Comments:	

Flag Codes:

U or ND - Indicates Compound was not found above the detection/reporting limit

P - ICP-AES

CV -ColdVapor

Sample ID: AC48729-002

% Solid: 85

Lab Name: Veritech

Nras No: Sdg No:

Client ld: Matrix:

SS01-B SOIL

Units: MG/KG Date Rec: 12/5/2009 Lab Code: Contract:

Case No:

Level: LOW

Cas No.	Analyte	RL	Conc	Dil Fact	Analysis Date:	Prep Batch	File:	Seq Num:	М	Instr
7429-90-5	Aluminum	240	1100	100	12/11/09	10826	\$10826B	21	Р	PEICPRAD1
7440-36-0	Antimony	2.4	NO	100	12/11/09	10826	S10826A	22	Р	PEICP1
7440-38-2	Arsenic	2.4	ND	100	12/11/09	10826	S10826A	22	P	PEICP1
7440-39-3	Barium	12	ND	100	12/11/09	10826	S10826A	22	Р	PEICP1
7440-41-7	Beryllium	0.71	ДИ	100	12/11/09	10826	S10826A	22	Р	PEICP1
7440-43-9	Cadmium	0.71	аи	100	12/11/09	10826	S10826A	22	₽	PEICP1
7440-70-2	Calcium	1200	ND	100	12/11/09	10826	S10826B	21	Р	PEICPRAD1
7440-47-3	Chromium	5.9	DИ	100	12/11/09	10826	S10826A	22	P	PEICP1
7440-48-4	Cobalt	2.9	DN	100	12/11/09	10826	\$10826A	22	Р	PEICP1
7440-50-8	Copper	5.9	ND	100	12/11/09	10826	\$10826A	22	Р	PEICP1
7439-89-6	Iron	240	5200	100	12/11/09	10826	\$10826B	21	P	PEICPRAD1
7439-92-1	Lead	5.9	ПИ	100	12/11/09	10826	S10826A	22	P	PEICP1
7439-95-4	Magnesium	590	ND	100	12/11/09	10826	S10826B	21	P	PEICPRAD1
7439-96-5	Manganese	12	ND	100	12/11/09	10826	S10826A	22	þ	PEICP1
7439-97-6	Mercury	0.098	ND	167	12/10/09	10826	H10826S	18	CV	HGCV2
7440-02-0	Nickel	5.9	ND	100	12/11/09	10826	S10826A	22	Р	PEICP1
7440-09-7	Potessium	590	ND	100	12/11/09	10826	S10826B	21	Р	PEICPRAD1
7782-49-2	Selenium	2.1	ND	100	12/11/09	10826	S10826A	22	Ρ	PEICP1
7440-22-4	Silver	1.8	ND	100	12/11/09	10826	S10826A	22	P	PEICP1
7440-23-5	Sodium	290	ИД	100	12/11/09	10826	S10826B	21	. P	PEICPRAD1
7440-28-0	Thallium	1.4	ND	100	12/11/09	10826	S10826A	22	Р	PEICP1
7440-62-2	Vanadium	12	ND	100	12/11/09	10826	S10826A	22	Р	PEICP1
7440-66-6	Zinc	12	ND	100	12/11/09	10826	S10826A	22	P	PEICP1

Comments:	

Flag Codes:

U or ND - Indicates Compound was not found above the detection/reporting limit

P - ICP-AES

CV -ColdVapor

Sample ID: Client ld:

AC48729-003

SS02-A SOIL

% Solid: Units:

Date Rec:

MG/KG 12/5/2009 Lab Name: Lab Code: Contract:

Veritech

Nras No:

Sdg No: Case No:

LOW Level:

Matrix:

Analysis Prep Seq M Instr Dil Fact Batch File: Num: RL Conc Date: Cas No. Analyte S10826B 22 ņ PEICPRAD1 1300 100 12/11/09 10826 7429-90-5 220 Aluminum P PEICP1 2.2 ND 100 12/11/09 10826 S10826A 23 7440-36-0 Antimony ρ PEICP1 S10826A 100 12/11/09 10826 23 7440-38-2 Arsenic 2.2 3.6 PEICP1 ND 100 12/11/09 10826 S10826A 23 7440-39-3 11 Barlum S10826A 23 P PEICP1 ND 100 12/11/09 10826 0.65 7440-41-7 Beryllium S10826A 23 Þ PEICP1 0.65 ND 100 12/11/09 10826 7440-43-9 Cadmium p 100 12/11/09 10826 S10826B 22 PEICPRAD1 7440-70-2 1100 ND Calcium P PEICP1 10826 S10826A 23 7440-47-3 Chromium 5,4 ND 100 12/11/09 э 100 12/11/09 10826 \$10826A 23 PEICP1 2.7 ND 7440-48-4 Cobalt P PEICP1 100 12/11/09 10826 \$10826A 23 ND 7440-50-8 Copper 5.4 S10826B 22 Р PEICPRAD1 8200 100 12/11/09 10826 7439-89-6 220 Iron 100 12/11/09 10826 S10826A 23  $\supset$ PEICP1 5.4 6.5 7439-92-1 Lead Þ PEICPRAD1 S10826B 22 7439-95-4 540 ND 100 12/11/09 10826 Magnesium 100 12/11/09 PEICP1 10826 S10826A 23 Ρ 7439-96-5 11 14 Manganese HGCV2 H10826S 19 CV 167 12/10/09 10826 ND 7439-97-6 Mercury 0.091 P PEICP1 ND 100 12/11/09 10826 \$10826A 23 7440-02-0 5.4 Nickel 100 12/11/09 10826 S10826B 22 P PEICPRAD1 540 ND 7440-09-7 Potassium P PEICP1 2.0 ND 100 12/11/09 10826 S10826A 23 7782-49-2 Selenium ND 100 12/11/09 10826 S10826A 23 P PEICP1 7440-22-4 Silver 1.6 P PEICPRAD1 S10826B 22 100 12/11/09 10826 7440-23-5 Sodium 270 ND. 100 12/11/09 10826 S10826A 23 P PEICP1 ND 7440-28-0 Thallium 1.3 S10826A 23 p PEICP1 100 12/11/09 10826 7440-82-2 Vanadium 11 ND P ND 100 12/11/09 10826 S10826A 23 PEICP1 7440-66-6 Zinc 11

Comments;	Manufacture and India Street Confession Annual Confession Confessi	· · · · · · · · · · · · · · · · · · ·	

Flag Codes:

U or ND - Indicates Compound was not found above the detection/reporting limit

P - ICP-AES

CV -ColdVapor

Sample ID:

AC48729-004

SS02-B

% Solid: 87

Units: MG/KG

Lab Name: Veritech

Nras No: Sdg No:

Client Id: Matrix: Level:

SOIL LOW

Date Rec: 12/5/2009

Lab Code: Contract:

Case No:

Cas No.	Analyte	RL.	Conc	Dil Fact	Analysis Date:	Prep Batch	File:	Seq Num:	M	Instr
7429-90-5	Aluminum	230	3300	100	12/11/09	10826	S10826B	23	Р	PEICPRAD
7440-36-0	Antimony	2.3	ND	100	12/11/09	10826	S10826A	24	Р	PEICP1
7440-38-2	Arsenic	2.3	2.9	100	12/11/09	10826	\$10826A	24	P	PEICP1
7440-39-3	Barium	11	ND	100	12/11/09	10826	S10826A	24	Đ.	PEICP1
7440-41-7	Beryllium	0.69	ND	100	12/11/09	10826	S10826A	24	P	PEICP1
7440-43-9	Cadmium	0.69	ФИ	100	12/11/09	10826	S10826A	24	₽	PEICP1
7440-70-2	Calcium	1100	DN	100	12/11/09	10826	S10826B	23	þ	PEICPRAD
7440-47-3	Chromium	5.7	7.1	100	12/11/09	10826	\$10826A	24	P	PEICP1
7440-48-4	Cobalt-	2.9	ND	100	12/11/09	10826	S10826A	24	ρ	PEICP1
7440-50-8	Copper	5.7	ND	100	12/11/09	10826	\$10826A	24	Р	PEICP1
7439-89-6	Iron	230	8500	100	12/11/09	10826	\$10826B	23	٥	PEICPRAG
7439-92-1	Lead	5.7	ND	100	12/11/09	10826	S10826A	24	Р	PEICP1
7439-95-4	Magnesium	570	ND	100	12/11/09	10826	S10826B	23	Þ	PEICPRAI
7439-96-5	Manganese	11	ОИ	100	12/11/09	10826	S10826A	24	þ	PEICP1
7439-97-6	Mercury	0.096	ND	167	12/10/09	10826	H10826S	20	Ç٧	HGCV2
7440-02-0	Nickel	5.7	. ND	100	12/11/09	10826	S10826A	24	P	PEICP1
7440-09-7	Potassium	570	ND	100	12/11/09	10826	S10826B	23	P	PEICPRAI
7782-49-2	Selenium	2.1	ND	100	12/11/09	10826	\$10826A	24	Р	PEICP1
7440-22-4	Silver	1.7	ND	100	12/11/09	10826	S10826A	24	Р	PEICP1
7440-23-5	Sodium	290	ND	100	12/11/09	10826	\$10826B	23	P	PEICPRAI
7440-28-0	Thallium	1,4	ND	100	12/11/09	10826	S10826A	24	Þ	PEICP1
7440-62-2	Vanadium	11	12	100	12/11/09	10826	S10826A	24	Р	PEICP1
7440-66-6	Zinc	11	ND		12/11/09	10826	S10826A	24	P	PEICP1

Comments:	

Flag Codes:

U or ND - Indicates Compound was not found above the detection/reporting limit

P - ICP-AES

CV -ColdVapor

Sample ID: AC48729-005

Matrix:

Client Id: SS03-A

SOIL Level: LOW % Solid: 94

Units: MG/KG

Date Rec: 12/5/2009

Lab Name: Veritech

Lab Code: Contract:

Nras No:

Sdg No: Case No:

Cas No.	Analyte	RL	Conc	Dil Fact	Analysis Date:	Prep Batch	File:	Seq Num:	M	Instr
7429-90-5	Aluminum	210	2800	100	12/11/09	10826	S10826B	24	Р	PEICPRAD1
7440-36-0	Antimony	2,1	ND	100	12/11/09	10826	S10826A	25	р	PEICP1
7440-38-2	Arsenic	2,1	5.9	` 100	12/11/09	10826	S10826A	25	P	PEICP1
7440-39-3	Barium	11	ДОИ	100	12/11/09	10826	S10826A	25	þ	PEICP1
7440-41-7	Berylllum	0.64	DN	100	12/11/09	10826	S10826A	25	Р	PEICP1
7440-43-9	Cadmium	0,64	αи	100	12/11/09	10826	S10826A	25	P	PEICP1
7440-70-2	Calcium	1100	ND	100	12/11/09	10826	S10826B	24	р	PEICPRAD
7440-47-3	Chromlum	5.3	9.4	100	12/11/09	10826	S10826A	25	Р	PEICP1
7440-48-4	Cobalt	2.7	ИД	100	12/11/09	10826	S10826A	25	P	PEICP1
7440-50-8	Copper	5.3	6.1	100	12/11/09	10826	S10826A	25	P	PEICP1
7439-89-6	Iron	210	13000	100	12/11/09	10826	S10826B	24	P	PEICPRAD <sup>2</sup>
7439-92-1	Lead	5.3	47	100	12/11/09	10826	\$10826A	25	p	PEICP1
7439-95-4	Magnesium	530	ND	100	12/11/09	10826	S10826B	24	P	PEICPRAD:
7439-96-5	Manganese	11	33	100	12/11/09	10826	S10826A	25	P	PEICP1
7439-97-6	Mercury	0.089	ND	167	12/10/09	10826	H10826S	23	CV	HGCV2
7440-02-0	Nickel	5.3	ND	100	12/11/09	10826	S10826A	25	р	PEICP1
7440-09-7	Potassium	530	970	100	12/11/09	10826	S10826B	24	P	PEICPRAD:
7782-49-2	Selenium	1.9	ND	100	12/11/09	10826	S10826A	25	P	PEICP1
7440-22-4	Silver	1.3	ND	100	12/11/09	10826	S10826A	25	þ	PEICP1
7440-23-5	Sodium	270	ND	100	12/11/09	10826	S10826B	24	P	PEICPRAD
7440-28-0	Thallium	1.3	מא	100	12/11/09	10826	S10826A	25	Р	PEICP1
7440-62-2	Vanadium	11	19	100	12/11/09	10826	S10826A	25	Р	PEICP1
7440-66-6	Zinc	11	14	100	12/11/09	10826	S10826A	25	Р	PEICP1

Comments:	

Flag Codes:

U or ND - Indicates Compound was not found above the detection/reporting limit

P - ICP-AES

CV -ColdVapor

Client Id:

Sample ID: AC48729-006

SS03-B

SOIL

% Solid: 86

Units: MG/KG Date Rec: 12/5/2009 Lab Name: Veritech Lab Code:

Contract:

Nras No: Sdg No: Case No:

Level:

Matrix:

LOW

Cas No.	Analyte	RL	Conc	Dil Fact	Analysis Date:	Prep Batch	File:	Seq Num:	M	Instr
7429-90-5	Aluminum	230	3500	100	12/11/09	10826	S108268	25	Þ	PEICPRAD1
7440-36-0	Antimony	2.3	ND	100	12/11/09	10826	S10826A	26	Р	PEICP1
7440-38-2	Arsenic	2.3	4.3	100	12/11/09	10826	S10826A	26	P	PEICP1
7440-39-3	Barium	12	ND	100	12/11/09	- 10826	S10826A	26	þ	PEICP1
7440-41-7	Beryllium	0.70	0.76	100	12/11/09	10826	S10826A	26	Р	PEICP1
7440-43-9	Cadmium	0.70	ΝD	100	12/11/09	10826	S10826A	26	Р	PEICP1
7440-70-2	Calcium	1200	ND	100	12/11/09	10826	S10826B	25	Ь	PEICPRAD1
7440-47-3	Chromium	5.8	9.8	100	12/11/09	10826	S10826A	26	P	PEIOP1
7440-48-4	Cobalt	2.9	ND	100	12/11/09	10826	S10826A	26	Р	PEICP1
7440-50-8	Copper	5.8	ND	100	12/11/09	10826	S10826A	26	Þ	PEICP1
7439-89-6	Iron	230	44000	100	12/11/09	10826	S10826B	25	٦	PEICPRAD1
7439-92-1	Lead	5.8	ND	100	12/11/09	10826	S10826A	26	Р	PEICP1
7439-95-4	Magnesium	580	аи	100	12/11/09	10826	S10826B	25	Ρ	PEICPRAD1
7439-96-5	Manganese	12	ND	100	12/11/09	10826	S10826A	26	P	PEICP1
7439-97-6	Mercury	0.097	аи	167	12/10/09	10826	H10826S	24	CV	HGCV2
7440-C2-0	Nickel	5.8	ДN	100	12/11/09	10826	S10826A	26	P	PEICP1
7440-09-7	Potassium	580	DM	100	12/11/09	10826	S10826B	25	P	PEICPRAD1
7782-49-2	Selenium	2.1	ND	100	12/11/09	10826	S10826A	26	p	PEICP1
7440-22-4	Silver	1.7	ND	100	12/11/09	10826	S10826A	26	Р	PEICP1
7440-23-5	Sodium	290	ND	100	12/11/09	10826	S10826B	25	٦	PEICPRAD1
7440-28-0	Thailium	1,4	ND	100	12/11/09	10826	S10826A	26	P	PEICP1
7440-62-2	Vanadium	12	15	100	12/11/09	10826	S10826A	26	Р	PEICP1
7440-66-6	Zinc	12	ND	100	12/11/09	10826	S10826A	26	Р	PEICP1

Comments:	

Flag Codes:

U or ND - Indicates Compound was not found above the detection/reporting limit

P - ICP-AES

CV -ColdVapor

Sample ID:

AC48729-007

% Solid: 92

Lab Name:

Veritech

Nras No:

Client Id: Matrix: SS04-A SOIL Units: MG/KG

Date Rec: 12/5/2009

Lab Code: Contract: 3dg No: Case No:

Level: LOW

Cas No.	Analyte	RL	Conc	Dil Fact	Analysis Date:	Prep Batch	File;	Seq Num:	М	Instr
7429-90-5	Aluminum	220	2900	100	12/11/09	10826	S10826B	26	Р	PEICPRAD1
7440-36-0	Antimony	2.2	DN	100	12/11/09	10826	S10826A	27	þ	PEICP1
7440-38-2	Arsenic	2,2	6.4	100	12/11/09	10826	\$10826A	27	P	PEICP1
7440-39-3	Barium	11	15	100	12/11/09	10826	S10826A	27	P	PEICP1
7440-41-7	Beryllium	0.65	ND	100	12/11/09	10826	S10826A	27	þ	· PEICP1
7440-43-9	Cadmium	0.65	ND	100	12/11/09	10826	S10826A	27	P	PEICP1
7440-70-2	Calcium	1100	3700	100	12/11/09	10826	S10826B	26	P	PEICPRAD1
7440-47-3	Chromium	5.4	11	100	12/11/09	10826	S10826A	27	Р	PEICP1
7440-48-4	Cobalt	2.7	ND	100	12/11/09	10826	S10826A	27	Р	PEICP1
7440-50-8	Copper	5.4	6.7	100	12/11/09	10826	\$10826A	27	Р	PEICP1
7439-89-6	Iron	220	14000	100	12/11/09	10826	S10826B	26	Р	PEICPRAD1
7439-92-1	L.ead	5.4	13	100	12/11/09	10826	S10826A	27	þ	PEICP1
7439-95-4	Magnesium	540	690	100	12/11/09	10826	S10826B	26	P	PEICPRAD1
7439-96-5	Manganese	11	62	100	12/11/09	10826	S10826A	27	p	PEICP1
7439-97-6	Mercury	0.091	DN	167	12/10/09	10826	H10826S	25	CV	HGCV2
7440-02-0	Nickel	5.4	ДИ	100	12/11/09	10826	S10826A	27	P	PEICP1
7440-09-7	Potassium	540	770	100	12/11/09	10826	S10826B	26	р	PEICPRAD1
7782-49-2	Selenium	2.0	ИD	100	12/11/09	10826	S10826A	27	Ь	PEICP1
7440-22-4	Silver	1.6	ND	100	12/11/09	10826	S10826A	27	P	PEICP1
7440-23-5	Sodium	270	ND	100	12/11/09	10826	S10826B	26	Р	PEICPRAD1
7440-28-0	Thallium	1.3	ND	100	12/11/09	10826	S10826A	27	Р	PEICP1
7440-62-2	Vanadium	11	17	100	12/11/09	10826	S10826A	27	Р	PEICP1
7440-66-6	Zinc	11	18	100	12/11/09	10826	S10826A	27	b	PEICP1

Comments:	

Flag Codes:

U or ND - Indicates Compound was not found above the detection/reporting limit

P - ICP-AES

CV -ColdVapor

Client ld:

Matrix:

Level:

Sample ID: AC48729-008

\$\$04-B

SOIL LOW

% Solid: 95

Units: MG/KG Date Rec: 12/5/2009 Lab Name: Veritech Lab Code:

Nras No: Sdg No:

Contract:

Case No:

Cas No.	Analyte	RL	Conc	Dil Fact	Analysis Date:	Prep Batch	File:	Seq Num:	М	Instr
7429-90-5	Aluminum	210	1800	100	12/11/09	10826	\$10826B	31	Э	PEICPRAD1
7440-36-0	Antimony	2.1	ND	100	12/11/09	10826	S10826A	32	Р	PEICP1
7440-38-2	Arsenic	2.1	5.8	100	12/11/09	10826	S10826A	32	Р	PEICP1
7440-39-3	Barlum	11	ND	100	12/11/09	10826	\$10826A	32	Þ	PEICP1
7440-41-7	Beryllium	0.63	ND	100	12/11/09	10826	S10826A	32	Þ	PEICP1
7440-43-9	Cadmium	0.63	ND	100	12/11/09	10826	S10826A	32	Ρ	PEICP1
7440-70-2	Calcium	1100	ND	100	12/11/09	10826	S10826B	31	P	PEICPRAD
7440-47-3	Chremium	5.3	8.1	100	12/11/09	10826	S10826A	32	Ρ	PEICP1
7440-48-4	Cobalt	2.6	ND	100	12/11/09	10826	\$10826A	32	Р	PEICP1
7440-50-8	Copper	5.3	ND	100	12/11/09	10826	S10826A	32	P	PEICP1
7139-89-6	Iron	210	14000	100	12/11/09	10826	S10826B	31	Р	PEICPRAD
7439-92-1	L.ead	5.3	ND	100	12/11/09	10826	S10826A	32	þ	PEICP1
7439-95-4	Magnesium	530	ND	100	12/11/09	10826	S10826B	31	ק	PEICPRAD
7439-96-5	Manganese	11	аи	100	12/11/09	10826	S10826A	32	Ρ	PEICP1
7439-97-6	Mercury	0.088	ND	167	12/10/09	10826	H10826S	26	CV	HGCV2
7440-02-0	Nickel	5.3	ND	100	12/11/09	10826	S10826A	32	Р	PEICP1
7440-09-7	Potassium	530	730	100	12/11/09	10826	S10826B	31	<b>P</b>	PEICPRAC
7782-49-2	Selenium	1.9	ND	100	12/11/09	10826	\$10826A	32	P	PEICP1
7440-22-4	Sliver	1.6	ND	100	12/11/09	10826	\$10826A	32	Р	PEICP1
7440-23-5	Sodium	260	МО	100	12/11/09	10826	\$10826B	31	Р	PEICPRAD
7440-28-0	Thallium	1.3	ND	100	12/11/09	10826	\$10826A	32	Р	PEICP1
7440-62-2	Vanadium	11	16	100	12/11/09	10826	\$10826A	32	P	PEICP1
7440-66-6	Zinc	11	ND	100	12/11/09	10826	S10826A	32	P	PEICP1

Comments:	

Flag Codes:

U or ND - Indicates Compound was not found above the detection/reporting limit

P - ICP-AES

CV -ColdVapor

Sample ID: AC48729-009

% Solid: 93

Lab Name: Veritech

Nras No:

Matrix: SOIL

Client ld: SS05-A

Units: MG/KG Date Rec: 12/5/2009 Lab Code: Contract:

Sdg No: Case No:

Level: LOW

Cas No.	Analyte	RL	Conc	Dil Fact	Analysis Date:	Prep Batch	File:	Seq Num:	M	instr
7429-90-5	Aluminum	220	2000	100	12/11/09	10826	S10826B	32	Р	PEICPRAD1
7440-36-0	Antimony	2.2	ND	100	12/11/09	10826	S10826A	33	Ρ	PEICP1
7440-38-2	Arsenic	2.2	5.2	100	12/11/09	10826	S10826A	33	Р	PEICP1
7440-39-3	Barium	11	ND	100	12/11/09	10826	S10826A	33	Р	PEICP1
7440-41-7	Beryllium	D.65	ND	100	12/11/09	10826	S10826A	33	Р	PEICP1
7440-43-9	Cadmium	0.65	ND	100	12/11/09	10826	S10826A	33	Р	PEICP1
7440-70-2	Calcium	1100	ND	100	12/11/09	10826	S10826B	32	P	PEICPRAD
7440-47-3	Chromium	5.4	8.3	100	12/11/09	10826	S10826A	33	Р	PEICP1
7440-48-4	Cobalt	2.7	ND	100	12/11/09	10826	\$10826A	33	Р	PEICP1
7440-50-8	Copper	5.4	ND	100	12/11/09	10826	S10826A	33	Ρ	PEICP1
7439-89-6	Iron	220	12000	100	12/11/09	10826	\$10826B	32	P	PEICPRAD
7439-92-1	Lead	5.4	8.1	100	12/11/09	10826	S10826A	33	Р	PEICP1
7439-95-4	Magnesium	540	ND	100	12/11/08	10826	S10826B	32	Р	PEICPRAD
7439-96-5	Manganese	11	27	100	12/11/09	10826	S10826A	33	Р	PEICP1
7439-97-6	Mercury	0.090	ND	167	12/10/09	10826	H10826S	27	CV	HGCV2
7440-02-0	Nickel	5.4	ND	100	12/11/09	10826	S10826A	33	P	PEICP1
7440-09-7	Potassium	540	540	100	12/11/09	10826	S10826B	32	Р	PEICPRAD
7782-49-2	Selenium	1.9	ND	100	12/11/09	10826	S10826A	33	Þ	PEICP1
7440-22-4	Silver	1.6	ND	100	12/11/09	10826	S10826A	33	þ	PEICP1
7440-23-5	Sodium	270	ND	100	12/11/09	10826	S10826B	32	P	PEICPRAD
7440-28-0	Thallium	1.3	ИП	100	12/11/09	10826	S10826A	33	P	PEICP1
7440-62-2	Vanadium	11	16	100	12/11/09	10826	S10826A	33	Р	PEICP1
7440-66-6	Zinc	11	20	100	12/11/09	10826	S10826A	33	Р	PEICP1

Comments:	

Flag Codes:

U or ND - Indicates Compound was not found above the detection/reporting limit

P - ICP-AES

CV -ColdVapor

Sample ID:

AC48729-010

SS05-B

% Solid: 92

Lab Name: Veritech

Nras No: Sdg No:

Client ld: Matrix:

SOIL

Date Rec: 12/5/2009

Units: MG/KG

Lab Code: Contract:

Case No:

Level: LOW

Cas No.	Analyte	RL	Conc	Dil Fact	Analysis Date:	Prep Batch	File:	Seq Num:	M	instr
7429-90-5	Aluminum	220	2300	100	12/11/09	10826	S10826B	33	Р	PEICPRAD1
7440-36-0	Antimony	2.2	ND	100	12/11/09	10826	\$10826A	34	Р	PEICP1
7440-38-2	Arsenic	2.2	7.7	100	12/11/09	10826	\$10826A	34	P	PEICP1
7440-39-3	Barium	11	ND	100	12/11/09	10826	S10826A	34	Р	PEICP1
7440-41-7	Bervllium	0.65	DN	100	12/11/09	10826	\$10826A	34	Р	PEICP1
7440-43-9	Cadmium	0.65	ND	100	12/11/09	10826	S10826A	34	þ	PEICP1
7440-70-2	Calcium	1100	ND	100	12/11/09	10826	S10826B	33	Р	PEICPRAD1
7440-47-3	Chromium	5.4	12	100	12/11/09	10826	\$10826A	34	P	PEICP1
7440-48-4	Cobalt	2.7	ND	100	12/11/09	10826	S10826A	34	P	PEICP1
7440-50-8	Copper	5.4	ND	100	12/11/09	10826	\$10826A	34	Р	PEICP1
7439-89-6	Iron	220	22000	100	12/11/09	10826	\$10826B	33	Р	PEICPRAD
7439-92-1	Lead	5.4	ND	100	12/11/09	10826	\$10826A	34	Р	PEICP1
7439-95-4	Magnesium	540	ND	100	12/11/09	10826	S10826B	33	P	PE CPRAD
7439-96-5	Manganese	11	14	100	12/11/09	10826	S10826A	34	P	PEICP1
7439-97-6	Mercury	0.091	ND	167	12/10/09	10826	H10826S	28	ÇV	HGCV2
7440-02-0	Nickel	5.4	ND	100	12/11/09	10826	S10826A	34	P	PEICP1
7440-09-7	Potassium	540	ND	100	12/11/09	10826	\$10826B	33	Р	PE:CPRAD
7782-49-2	Selenium	2.0	ND	100	12/11/09	10826	S10826A	34	P	PEICP1
7440-22-4	Silver	1.6	ND	100	12/11/09	10826	S10826A	34	Р	PEICP1
7440-23-5	Sodium	270	ND	100	12/11/09	10826	S10826B	33	Р	PEICPRAD
7440-28-0	Thallium	1.3	ND	100	12/11/09	10826	S10826A	34	Þ	PEICP1
	Vanadium	11	ND	•	0/12/11/09	10826	S10826A	34	Р	PEICP1
7440-62-2 7440-66-6	Zinc	11	ND		0 12/11/09	1	S10826A	34	P	PEICP1

Comments:	

Flag Codes:

U or ND - Indicates Compound was not found above the detection/reporting limit

P - ICP-AES

CV -ColdVapor

Sample ID: Client Id:

Matrix:

AC48729-011

SS06-A SOIL

% Solid:

Date Rec:

95 Units: MG/KG

12/5/2009

Lab Name: Veritech

Lab Code:

Contract:

Nras No:

Sdg No: Case No:

Level: LOW

Analysis Prep Seq Conc Oil Fact Batch File: Num: M Instr RL Cas No. Date: Analyte P PEICPRAD1 210 1200 100 12/11/09 10826 \$10826B 34 7429-90-5 Aluminum 7440-36-0 2.1 ND 100 12/11/09 10826 S10826A 35 P PEICP1 Antimony 100 12/11/09 10826 S10826A 35 P PEICP1 7440-38-2 Arsenic 2.1 3.0 11 ND 100 12/11/09 10826 S10826A 35 P PEICP1 7440-39-3 Barium S10826A 35 PEICP1 ND 100 12/11/09 10826 0,63 7440-41-7 Beryllium 100 12/11/09 10826 S10826A 35 p PEICP1 7440-43-9 Cadmium 0,63 ND 7440-70-2 1100 ND 100 12/11/09 10826 S10826B 34 р PEICPRAD1 Calcium P 100 12/11/09 10826 S10826A 35 PEICP1 7440-47-3 Chromium 5.3 ND 100 12/11/09 10826 S10826A 35 P PEICP1 7440-48-4 Cobalt 2.6 ND 100 12/11/09 10826 S10826A 35 p PEICP1 7440-50-8 5.3 ND Copper S10826B P PEICPRAD1 7439-89-6 210 6200 100 12/11/09 10826 34 Iron 100 12/11/09 10826 S10826A 35 P PEICP1 7439-92-1 5.3 9.2 Lead Þ PEICPRAD1 7439-95-4 Magnesium 530 ND 100 12/11/09 10826 S10826B 34 S10826A 7439-96-5 11 22 100 12/11/09 10826 35 P PEICP1 Manganese H10826S 29 CV HGCV2 ND 167 12/10/09 10826 7439-97-6 0.088 Mercury Ρ PEICP1 7440-02-0 5.3 ND 100 12/11/09 10826 S10826A 35 Nickel 100 12/11/09 10826 S10826B 34 Р PEICPRAD1 7440-09-7 Potassium 530 ND Р PEICP1 7782-49-2 Selenium 1.9 ND 100 12/11/09 10826 \$10826A 35 7440-22-4 1.6 ND 100 12/11/09 10826 \$10826A 35 p PEICP1 Silver Р PEICPRAD1 100 12/11/09 S10826B 34 260 ND 10826 7440-23-5 Sodium ND 100 12/11/09 10826 \$10826A 35 Р PEICP1 7440-28-0 Thallium 1.3 100 12/11/09 10826 S10826A 35 P PEICP1 11 ND 7440-62-2 Vanadium 7440-66-6 Zinc 11 ND 100 12/11/09 10826 \$10826A 35 PEICP1

Comments:	

Flag Codes:

U or ND - Indicates Compound was not found above the detection/reporting limit

P - ICP-AES

CV -ColdVapor

Sample ID: AC48729-012 Client Id:

SS06-B

% Solid: 93

Lab Name: Veritech

Nras No:

Sdg No:

Matrix: SOIL LOW Level:

Units: MG/KG Date Rec: 12/5/2009 Lab Code:

Contract:

Case No:

Cas No.	Analyte	RL	Conc	Dil Fact	Analysis Date:	Prep Batch	File;	Seq Num:	М	instr
7429-90-5	Aluminum	220	1700	100	12/11/09	10826	S10826B	35	þ	PEICPRAD1
7440-36-0	Antimony	2.2	ND	100	12/11/09	10826	S10826A	36	Р	PEICP1
7440-38-2	Arsenic	2.2	DM	100	12/11/09	10826	S10826A	36	Р	PEICP1
7440-39-3	Barium	11	מא	100	12/11/09	10826	S10826A	36	Р	PEICP1
7440-41-7	Beryllium	0.65	מא	100	12/11/09	10826	S10826A	36	P	PEICP1
7440-43-9	Cadmium	0.65	ND	100	12/11/09	10826	S10826A	36	P	PEICP1
7440-70-2	Calcium	1100	ND	100	12/11/09	10826	S10826B	35	P	PEICPRAD1
7440-47-3	Chromium	5.4	ND	100	12/11/09	10826	S10826A	36	P	PEICP1
7440-48-4	Cobalt	2.7	ND	100	12/11/09	10826	S10826A	36	₽	PEICP1
7440-50-8	Copper	5.4	ND	100	12/11/09	10826	S10826A	36	Р	PEICP1
7439-89-6	Iron	220	7700	100	12/11/09	10826	S10826B	35	Р	PEICPRAD1
7439-92-1	Lead	5.4	ND	100	12/11/09	10826	\$10826A	36	P	PEICP1
7439-95-4	Magnesium	540	ND	100	12/11/09	10826	\$10826B	35	P	PEICPRAD1
7439-96-5	Manganese	11	ОИ	100	12/11/09	10826	S10826A	36	Р	PEICP1
7439-97-6	Mercury	0.090	ND	167	12/10/09	10826	H10826\$	30	C∨	HGCV2
7440-02-0	Nickel	5.4	ND	100	12/11/09	10826	S10826A	36	Р	PEICP1
7440-09-7	Potassium	540	ND	100	12/11/09	10826	S10826B	35	Р	PEICPRAD1
7782-49-2	Selenium	1.9	ND	100	12/11/09	10826	S10826A	36	Р	PEIGP1
7440-22-4	Silver	1.6	ND	100	12/11/09	10826	S10826A	36	Р	PEICP1
7440-23-5	Sodium	270	ND	100	12/11/09	10826	S10826B	35	P	PEICPRAD1
7440-28-0	Thallium	1.3	ND	100	2/11/09	10826	S10826A	36	Р	PEICP1
7440-62-2	Vanadium	11	ND	100	12/11/09	10826	S10826A	36	Р	PEICP1
7440-66-6	Zinc	11	ND	100	12/11/09	10826	\$10826A	36	Р	PEICP1

Comments:	

Flag Codes:

U or ND - Indicates Compound was not found above the detection/reporting limit

P - ICP-AES

CV -ColdVapor

Sample ID: AC48729-013

Client ld: SS07-A

Matrix: SOIL Lavel: LOW

% Solid: 92

Units: MG/KG

Date Rec: 12/5/2009

Lab Name: Veritech

Contract:

Lab Code:

Nras No: Sdg No:

Case No:

Cas No.	Analyte	RL	Conc	Dil Fact	Analysis Date:	Prep Batch	File:	Seq Num:	М	Instr
7429-90-5	Aluminum	220	1200	100	12/11/09	10826	S10826B	36	Р	PEICPRAD1
7440-36-0	Antimony	2.2	аи	100	12/11/09	10826	\$10826A	37	P	PEICP1
7440-38-2	Arsenic	2.2	2.9	100	12/11/09	10826	\$10826A	37	Р	PEICP1
7440-39-3	Barium	11	13	100	12/11/09	10826	S10826A	37	þ	PEICP1
7440-41-7	Beryllium	ე.65	ND	100	12/11/09	10826	\$10826A	37	Р	PEICP1
7440-43-9	Cadmium	0.65	ND	100	12/11/09	10826	S10826A	37	Ρ	PEICP1
7440-70-2	Calcium	1100	ND	100	12/11/09	10826	S10826B	36	Р	PEICPRAD1
7440-47-3	Chromium	5.4	16	100	12/11/09	10826	\$10826A	37	P	PEICP1
7440-48-4	Cobalt	2.7	ND	100	12/11/09	10826	S10826A	37	P	PEICP1
7440-50-8	Copper	5.4	14	100	12/11/09	10826	\$10826A	37	Р	PEICP1
7439-89-6	Iron	220	6000	100	12/11/09	10826	\$10826B	36	Р	PEICPRAD1
7439-92-1	Lead	5.4	13	100	12/11/09	10826	S10826A	37	P	PEICP1
7439-95-4	Magnesium	540	ND	100	12/11/09	10826	S10826B	36	P	PEICPRAD1
7439-96-5	Manganese	11	25	100	12/11/09	10826	S10826A	37	P	PEICP1
7439-97-6	Mercury	0.091	ND	167	12/10/09	10826	H10826S	31	CV	HGCV2
7440-02-0	Nickel	5.4	7.0	100	12/11/09	10826	\$10826A	37	P	PEICP1
7440-09-7	Potassium	540	ND	100	12/11/09	10826	S10826B	36	Р	PEICPRAD1
7782-49-2	Selenium	2.0	ND	100	12/11/09	10826	\$10826A	37	Р	PEICP1
7440-22-4	Silver	1.6	ND	100	12/11/09	10826	S10826A	37	P	PEICP1
7440-23-5	Sodium	270	ND	100	12/11/09	10826	S10826B	36	P	PEICPRAD1
7440-28-0	Thallium	1.3	ND	100	12/11/09	10826	\$10826A	37	Р	PEICP1
7440-62-2	Vanadium	11	ND	100	12/11/09	10826	S10826A	37	P	PEICP1
7440-66-6	Zinc	11	ND	100	12/11/09	10826	S10826A	37	P	PEICP1

Comments:	

Flag Codes:

U or ND - Indicates Compound was not found above the detection/reporting limit

P - ICP-AES

CV -ColdVapor

Sample ID: Client Id:

AC48729-014

\$\$07-B

SOIL

% Solid: 94

Units: MG/KG

Date Rec: 12/5/2009

Lab Name: Veritech

Lab Code: Contract:

Nras No: Sdg No:

Case No:

Matrix: Level: LOW

7429-90-5         Aluminum         210         1800         100 12/11/09         10826         S10826B         37         P           7440-36-0         Antimony         2.1         ND         100 12/11/09         10826         S10826A         38         P           7440-38-2         Arsenic         2.1         ND         100 12/11/09         10826         S10826A         38         P           7440-39-3         Barium         11         ND         100 12/11/09         10826         S10826A         38         P           7440-41-7         Beryllium         0.64         ND         100 12/11/09         10826         S10826A         38         P           7440-43-9         Cadmium         0.64         ND         100 12/11/09         10826         S10826A         38         P           7440-70-2         Calcium         1100         ND         100 12/11/09         10826         S10826A         38         P           7440-47-3         Chromium         5.3         ND         100 12/11/09         10826         S10826A         38         P           7440-50-8         Copper         5.3         ND         100 12/11/09         10826         S10826A         38	PEICPRAD PEICP1 PEICP1 PEICP1 PEICP1 PEICP1
7440-38-2         Arsenic         2.1         ND         100 12/11/09         10826         \$10826A         38         P           7440-39-3         Barium         11         ND         100 12/11/09         10826         \$10826A         38         P           7440-41-7         Beryllium         0.64         ND         100 12/11/09         10826         \$10826A         38         P           7440-43-9         Cadmium         0.64         ND         100 12/11/09         10826         \$10826A         38         P           7440-70-2         Calcium         1100         ND         100 12/11/09         10826         \$10826B         37         P           7440-47-3         Chromium         5.3         ND         100 12/11/09         10826         \$10826A         38         P           7440-48-4         Cobalt         2.7         ND         100 12/11/09         10826         \$10826A         38         P           7439-89-6         Iron         210         6200         100 12/11/09         10826         \$10826B         37         P           7439-95-4         Magnesium         530         ND         100 12/11/09         10826         \$10826B         37	PEICP1 PEICP1 PEICP1
7440-39-3         Barium         11         ND         100 12/11/09         10826         \$10826A         38         P           7440-41-7         Beryllium         0.64         ND         100 12/11/09         10826         \$10826A         38         P           7440-43-9         Cadmium         0.64         ND         100 12/11/09         10826         \$10826A         38         P           7440-70-2         Calcium         1100         ND         100 12/11/09         10826         \$10826B         37         P           7440-47-3         Chromium         5.3         ND         100 12/11/09         10826         \$10826A         38         P           7440-48-4         Cobalt         2.7         ND         100 12/11/09         10826         \$10826A         38         P           7440-50-8         Copper         5.3         ND         100 12/11/09         10826         \$10826A         38         P           7439-89-6         Iron         210         6200         100 12/11/09         10826         \$10826B         37         P           7439-95-4         Magnesium         530         ND         100 12/11/09         10826         \$10826B         37         <	PEICP1 PEICP1 PEICP1
7440-41-7         Beryllium         0.64         ND         100 12/11/09         10826         \$10826A         38         P           7440-43-9         Cadmium         0.64         ND         100 12/11/09         10826         \$10826A         38         P           7440-70-2         Calcium         1100         ND         100 12/11/09         10826         \$10826B         37         P           7440-47-3         Chromium         5.3         ND         100 12/11/09         10826         \$10826A         38         P           7440-48-4         Cobalt         2.7         ND         100 12/11/09         10826         \$10826A         38         P           7440-50-8         Copper         5.3         ND         100 12/11/09         10826         \$10826A         38         P           7439-89-6         Iron         210         6200         100 12/11/09         10826         \$10826B         37         P           7439-92-1         Lead         5.3         ND         100 12/11/09         10826         \$10826B         37         P           7439-95-4         Magnesium         530         ND         100 12/11/09         10826         \$10826B         37 <t< td=""><td>PEICP1</td></t<>	PEICP1
7440-43-9         Cadmium         0.64         ND         100 12/11/09         10826         \$10826A         38         P           7440-70-2         Calcium         1100         ND         100 12/11/09         10826         \$10826B         37         P           7440-47-3         Chromium         5.3         ND         100 12/11/09         10826         \$10826A         38         P           7440-48-4         Cobalt         2.7         ND         100 12/11/09         10826         \$10826A         38         P           7440-50-8         Copper         5.3         ND         100 12/11/09         10826         \$10826A         38         P           7439-89-6         Iron         210         6200         100 12/11/09         10826         \$10826B         37         P           7439-92-1         Lead         5.3         ND         100 12/11/09         10826         \$10826B         37         P           7439-95-4         Magnesium         530         ND         100 12/11/09         10826         \$10826B         37         P	PEICP1
7440-70-2         Calcium         1100         ND         100 12/11/09         10826         S10826B         37         P           7440-47-3         Chromium         5.3         ND         100 12/11/09         10826         S10826A         38         P           7440-48-4         Cobalt         2.7         ND         100 12/11/09         10826         S10826A         38         P           7440-50-8         Copper         5.3         ND         100 12/11/09         10826         S10826A         38         P           7439-89-6         Iron         210         6200         100 12/11/09         10826         S10826B         37         P           7439-92-1         Lead         5.3         ND         100 12/11/09         10826         S10826A         38         P           7439-95-4         Magnesium         530         ND         100 12/11/09         10826         S10826B         37         P	
7440-70-2         Calcidit         100         12/11/09         10826         \$10826A         38         P           7440-48-4         Cobalt         2.7         ND         100/12/11/09         10826         \$10826A         38         P           7440-50-8         Copper         5.3         ND         100/12/11/09         10826         \$10826A         38         P           7439-89-6         Iron         210         6200         100/12/11/09         10826         \$10826B         37         P           7439-92-1         Lead         5.3         ND         100/12/11/09         10826         \$10826A         38         P           7439-95-4         Magnesium         530         ND         100/12/11/09         10826         \$10826B         37         P	
7440-47-3         Columnian         5.3         ND         100 12/11/09         10826         \$10826A         38         P           7440-50-8         Copper         5.3         ND         100 12/11/09         10826         \$10826A         38         P           7439-89-6         Iron         210         6200         100 12/11/09         10826         \$10826B         37         P           7439-92-1         Lead         5.3         ND         100 12/11/09         10826         \$10826A         38         P           7439-95-4         Magnesium         530         ND         100 12/11/09         10826         \$10826B         37         P	PEICPRAD
7440-50-8         Copper         5.3         ND         100 12/11/09         10826         \$10826A         38         P           7439-89-6         Iron         210         6200         100 12/11/09         10826         \$10826B         37         P           7439-92-1         Lead         5.3         ND         100 12/11/09         10826         \$10826A         38         P           7439-95-4         Magnesium         530         ND         100 12/11/09         10826         \$10826B         37         P	PEICP1
7439-89-6 Iron 210 6200 100 12/11/09 10826 S10826B 37 P 7439-92-1 Lead 5.3 ND 100 12/11/09 10826 S10826A 38 P 7439-95-4 Magnesium 530 ND 100 12/11/09 10826 S10826B 37 P	PEICP1
7439-92-1 Lead 5.3 ND 10012/11/09 10826 S10826A 38 P 7439-95-4 Magnesium 530 ND 10012/11/09 10826 S10826B 37 P	PEICP1
7439-95-4 Magnesium 530 ND 10012/11/09 10826 \$10826B 37 P	PEICPRAC
(Viagnesium) 500 (LE 1700) 1000 (CO 1700)	PEICP1
7/30 96 5 Marganese 11 ND 10012/11/09 10826 \$10826A 38 P	PEICPRAD
7/100-00-0 Manganose	PEICP1
7439-97-6 Mercury 0.089 ND 16712/10/09 10826 H10826S 32 CV	HGCV2
7440-02-0 Nickel 5.3 ND 100 12/11/09 10826 \$10826A 38 P	PEICP1
7440-09-7 Potassium 530 ND 100 12/11/09 10826 S10826B 37 P	PEICPRAD
7782-49-2 Selenium 1.9 ND 10012/11/09 10826 S10826A 38 P	PEICP1
7440-22-4 Silver 1.6 ND 10012/11/09 10826 S10826A 38 P	PEICP1
7440-23-5 Sodium 270 ND 10012/11/09 10826 S10826B 37 P	PEICPRAD
7440-28-0 Thallium 1 3 ND 10012/11/09 10826 S10826A 38 P	PEICP1
7440-62-2 Vanadium 11 ND 100 12/11/09 10826 S10826A 38 P	PEICP1
7440-66-6 Zinc 11 ND 10012/11/09 10826 \$10826A 38 P	PEICP1

Comments:	

Flag Codes:

U or ND - Indicates Compound was not found above the detection/reporting limit

P - ICP-AES

CV ColdVapor

Sample ID:

Matrix:

AC48729-015

Client ld: SS08-A

SOIL

% Solid: 95

MG/KG Units: Date Rec: 12/5/2009 Lab Name:

Contract:

Veritech Lab Code:

Nras No:

Sdg No: Case No:

LOW Level:

Cas No.	Analyte	RL	Conc	Dil Fact	Analysis Date:	Prep Batch	File:	Seq Num:	M	Instr
7429-90-5	Aluminum	210	940	100	12/11/09	10826	S10826B	40	P	PEICPRAD1
7440-36-0	Antmony	2.1	ND	100	12/11/09	10826	S10826A	41	P	PEICP1
7440-38-2	Arsenic	2.1	3.D	100	12/11/09	10826	S10826A	41	₽	PEICP1
7440-39-3	Barium	11	ND	100	12/11/09	10826	S10826A	41	р	PEICP1
7440-41-7	Beryllium	0.63	ND	100	12/11/09	10826	S10826A	41	Р	PEICP1
7440-43-9	Cadmium	0.63	ND	100	12/11/09	10826	S10826A	41	P	PEICP1
7440-70-2	Calcium	1100	ND	100	12/11/09	10826	S10826B	40	P	PEICPRAD1
7440-47-3	Chromium	5.3	ND	100	12/11/09	10826	\$10826A	41	P	PEICP1
7440-48-4	Cobalt	2.6	ND	100	12/11/09	10826	S10826A	41	p	PEICP1
7440-50-8	Copper	5.3	ND	100	12/11/09	10826	\$10826A	41	₽	PEICP1
7439-89-6	Iron	210	6000	100	12/11/09	10826	S10826B	40	Ρ	PEICPRAD1
7439-92-1	Lead	5.3	5.6	100	12/11/09	10826	\$10826A	41	р	PEICP1
7439-95-4	Magnesium	530	ND	100	12/11/09	10826	S10826B	40	þ	PEICPRAD1
7439-96-5	Manganese	11	33	100	12/11/09	10826	S10826A	41	Ь	PEICP1
7439-97-6	Mercury	0.088	ND	167	12/10/09	10826	H10826S	35	CV	HGCV2
7440-02-0	Nickel	5.3	ND	100	12/11/09	10826	S10826A	41	Ρ	PEICP1
7440-09-7	Potassium	530	ND	100	12/11/09	10826	S10826B	40	Р	PEICPRAD1
7782-49-2	Selenium	1.9	סא	100	12/11/09	10826	S10826A	41	р	PEICP1
7440-22-4	Silver	1.6	ND	100	12/11/09	10826	\$10826A	41	Р	PEICP1
7440-23-5	Sodium	260	ND	100	12/11/09	10826	S10826B	40	P	PEICPRAD1
7440-28-0	Thallium	1.3	ND	100	12/11/09	10826	\$10826A	41	P	PEICP1
7440-62-2	Vanadium	11	ND	100	12/11/09	10826	S10826A	41	Р	PEICP1
7440-66-6	Zinc	-1	26	100	12/11/09	10826	S10826A	41	Р	PEICP1

Comments:			
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Flag Codes:

 $\ensuremath{\mathfrak{J}}$  or ND - Indicates Compound was not found above the detection/reporting limit

P - ICP-AES

CV -ColdVapor

Sample ID: AC48729-016

% Solid: 68

Lab Name: Veritech

Nras No: Sdg No:

Client ld: Matrix: SS08-B SOIL

Units: MG/KG Date Rec: 12/5/2009 Lab Code: Contract:

Case No:

Level: LOW

Cas No.	Analyte	RL	Conc	Dil Fact	Analysis Date:	Prep Batch	File:	Seq Num:	М	Instr
7429~90-5	Aluminum	290	2800	100	12/12/09	10826	S10826B	41	Р	PEICPRAD1
7440-36-0	Antimony	2.9	ND	100	12/11/09	10826	S10826A	42	Р	PEICP1
7440-38-2	Arsenic	2.9	4.2	100	12/11/09	10826	S10826A	42	Р	PEICP1
7440-39-3	Barium	15	П	100	12/11/09	10826	S10826A	42	р	PEIOP1
7440-41-7	Beryllium (	88.0	ND	100	12/11/09	10826	S10826A	42	P	PEICP1
7440-43-9	Cadmium	0.68	ND	100	12/11/09	10826	S10826A	42	Р	PEICP1
7440-70-2	Calcium	1500	ND	100	12/12/09	10826	S10826B	41	Р	PEICPRAD1
7440-47-3	Chromium	7.4	8.9	100	12/11/09	10826	S10826A	42	Р	PEICP1
7440-48-4	Cobalt	3.7	ND	100	12/11/09	10826	S10826A	42	Р	PEICP1
7440-50-8	Copper	7.4	ND	100	12/11/09	10826	S10826A	42	Р	PEICP1
7439-89-6	tron	290	9200	100	12/12/09	10826	S10826B	41	Р	PEICPRAD1
7439-92-1	Lead	7.4	ND	100	12/11/09	10826	S10826A	42	Р	PEICP1
7439-95-4	Magnesium	740	ND	100	12/12/09	10826	S10826B	41	P	PEICPRAD1
7439-96-5	Manganese	15	סא	100	12/11/09	10826	S10826A	42	Р	PEICP1
7439-97-6	Mercury	0.12	ND	167	12/10/09	10826	H10826S	36	CV	HGCV2
7440-02-0	Nickel	7.4	ND	100	12/11/09	10826	S10826A	42	P	PEICP1
7440-09-7	Potesslum	740	ND	100	12/12/09	10826	\$10826B	41	P	PEICPRAD1
7782-49-2	Selenium	2.6	ָ אם	100	12/11/09	10826	S10826A	42	Р	PEICP1
7440-22-4	Silver	2.2	ND	100	12/11/09	10826	S10826A	42	Þ	PEICP1
7440-23-5	Sodium	370	ND	100	12/12/09	10826	S10826B	41	P	PEICPRAD1
7440-28-0	Thallium	1.8	ND	100	12/11/09	10826	S10826A	42	P	PEICP1
7440-62-2	Vanadium	15	ND	100	12/11/09	10826	S10826A	42	þ	PEICP1
7440-66-6	Zinc	15		100	12/11/09	10826	S10826A	42	P	PEICP1

Comments:	

U or ND - Indicates Compound was not found above the detection/reporting limit

P - ICP-AES

CV -ColdVapor

Sample ID: AC48729-017

% Solid: 0

Lab Name: Veritech

Nras No:

Client ld: FB

Units: UG/L

Lab Code:

Sdg No:

Matrix: AQUEOUS

Date Rec: 12/5/2009

Contract:

Case No:

P

S10826A 43

\$10826A 43

PEICP1

PEICP1

Level:	LOW

Cas No.	Analyte	RL	Conc	Analysis Dil Fact Date	Prep Batch	File:	Seq Num:	М	Instr
7429-90-5	Aluminum	2000	ND	1 12/12/09	10826	S10826B	42	Р	PEICPRAD1
7440-36-0	Antimony	20	ND	1 12/11/09	10826	S10826A	43	Р	PEICP1
7440-38-2	Arsenic	20	ND	1 12/11/09	10826	S10826A	43	ρ	PEICP1
7440-39-3	Barium	100	ND	1 12/11/09	10826	S10826A	43	P	PEICP1
7440-41-7	Beryllium	6.0	מא	1 12/11/09	10826	S10826A	43	P	PEICP1
7440-43-9	Cadmium	6.0	ND	1 12/11/09	10826	\$10826A	43	9	PEICP1
7440-70-2	Calcium	10000	ND	1 12/12/09	10826	S10826B	42	þ	PEICPRAD
7440-47-3	Chromium	50	ND	1 12/11/09	10826	S10826A	43	Р	PEICP1
7440-48-4	Cobalt	25	ИО	1 12/11/09	10826	\$10826A	43	P	PEICP1
7440-50-8	Copper	50	ND	1 12/11/09	10826	S10826A	43	P	PEICP1
439-89-6	Iron	2000	ND	1 12/12/09	10826	S10826B	42	P	PEICPRAD
7439-92-1	Lead	50	ND	1 12/11/09	10826	S10826A	43	p	PEICP1
7439-95-4	Magnesium	5000	ND	1 12/12/09	10826	S10826B	42	Р	PEICPRAD
7439-96-5	Manganese	100	ОИ	1 12/11/09	10826	S10826A	43	Ρ	PEICP1
7439-97-6	Mercury	0.50	ND	1 12/10/09	10826	H10826S	37	CV	HGCV2
7440-02-0	Nickei	50	ND	1 12/11/09	10826	S10826A	43	P	PEICP1
7440-09-7	Potassium	5000	DM	1 12/12/09	10826	S10826B	42	Р	PEICPRAD
7782-49-2	Selenium	18	ND	1 12/11/09	10826	S10826A	43	P	PEICP1
7440-22-4	Silver	15	ND	1 12/11/09	10826	S10826A	43	Þ	PEICP1
7440-23-5	Sodium	2500	ND	1 12/12/09	10826	\$10826B	42	ρ	PEICPRAD
7440-28-0	Thallium	12	ND	1 12/11/09	10826	S10826A	43	b	PEICP1

Comments:	

ND ND

1 12/11/09

1 12/11/09

10826

10826

Flag Codes:

U or ND - Indicates Compound was not found above the detection/reporting limit

100

100

P - ICP-AES

7440-62-2

7440-66-6

Vanadium

Zinc

CV -ColdVapor

Sample ID:

AC48729-007

% Solid: 0

Lab Name: Veritech

Nras No:

Client ld: Matrix: 5S04-A SPLP

Units: MG/L

Lab Code: Date Rec: 12/5/2009

Contract:

Sdg No: Case No:

Levei: LOW

-						A					
	Cas No.	Analyte	RL	Conc	Dil Fact	Analysis Date:	Prep Batch	File:	Seq Num:	М	tnstr
	7439-96-5	Manganese	0.20	ND		01/04/10		SP10877A2	1	P	PEICP2

Comments:	

Flag Codes:

U or ND - Indicates Compound was not found above the detection/reporting limit P - ICP-AES

CV -ColdVapor

## VERITECH Wet Chem Form1 Analysis Summary % Solids

TestGroupName: % Solids SM2540G

TestGroup: %SOLIDS

Project #: 9120444

	Lab#	Client Sample D	Matrix	Dilution:	Result	Units:	RL	Prep Date	Analysis Date	Received Date	Collect Date
	AC48729-001	SS01-A	Soil	1	93	Percent			12/07/09	12/04/09	12/04/09
	AC48729-002	SS01-B	Soil	1	85	Percent			12/07/09	12/04/09	12/04/09
	AC48729-003	SS02-A	Soil	4	92	Percent			12/07/09	12/04/09	12/04/09
	AC48729-004	SS02-B	Soll	1	87	Percent			12/08/09	12/04/09	12/04/09
	AC48729-005	SS03-A	Soil	1	94	Percent			12/08/09	12/04/09	12/04/09
	AC48729-006	SS03-B	Soil	1	86	Percent		AND THE PROPERTY OF THE PROPER	12/08/09	12/04/09	12/04/09
. /	AC48729-007	SS04-A	Soil	1	92	Percent			12/08/09	12/04/09	12/04/09
	AC48729-008	SS04-B	Soil	1	95	Percent			12/08/09	12/04/09	12/04/09
	AC48729-009	SS05-A	Soil	1	93	Percent			12/08/09	12/04/09	12/04/09
. )	AC48729-010	SS05-B	Soil	1	92	Percent			12/08/09	12/04/09	12/04/09
	AC48729-011	SS06-A	Soll	1	95	Percent			12/08/09	12/04/09	12/04/09
d	AC48729-012	SS06-3	Soil	1	93	Percent			12/08/09	12/04/09	12/04/09
1	AC48729-013	SS07-A	Soil	1	92	Percent			12/08/09	12/04/09	12/04/09
	AC48729-014	SS07-B	Soil	1	94	Percent			12/08/09	12/04/09	12/04/09
	AC48729-015	SS08-A	Soil	1	95	Percent			12/08/09	12/04/09	12/04/09
1	AC48729-016	SS08-B	Soil	1	68	Percent		AND AND ADDRESS OF THE PARTY OF	12/08/09	12/04/09	12/04/09

## FORM2

Surrogate Recovery

Method: EPA 8270C

V 2					Ditute	Column1	Column1	Column1	Column1	Column1	Column1
enting .				Surr	Out	S1	S2	\$3	S4	S5	S6
D	Sample#	Matrix	Date/Time	_Dil	Flag	Recov	Recov	Recov	Recov	Recov	Recov
10M09080.D		Soil	12/16/09 17:28	4		NA	NA	88	93	NA	97
		Aqueous	12/10/09 10:39	1		NA	NA	78	85	NA	88
V.1	SMB4360	Soil	12/17/09 14:25	1		NA	NA	72	73	NA	83
		Soil	12/16/09 18:34	1		NA	NA	75	81	NA	86
	AC48729-002	Soil	12/16/09 21:16	1		NA	NA	81	90	NA	97
		Soil	12/16/09 18:56	1		NA	NA	78	84	NA	87
	AC48729-004	Soil	12/17/09 17:50	1		NA	NA	70	72	NA	83
	AC48729-005		12/17/09 19:00	1		NA	NA	73	79	NA	80
	AC48729-006		12/17/09 20:06	4		NA	NA	74	78	NA	84
		Soil	12/17/09 19:22	1		NA	NA	75	83	AM	82
9M22216.D	AC48729-008	Soil	12/17/09 20:54	1		NA	NA	72	73	NA	82
	AC48729-009		12/17/09 19:44	1		NA	NA	65	70	NA	72
	AC48729-010		12/17/09 18:13	1		NA	NA	65	67	NA	79
		Sail	12/17/09 18:36	1		NA	NA	61	67	NA	75
D. 10 1	AC48729-012	Soil	12/17/09 18:59	1		NA	NA	63	65	NA	76
	AC48729-013		12/17/09 19:22	1		NA	NA	80	88	NA	95
_ /	AC48729-014		12/17/09 19:45	1		NA	NA	76	80	NA	87
-, ,	AC48729-015		12/17/09 20:08	1		NA	NA	81	84	NΑ	93
	AC48729-016		12/17/09 20:31	1		NA	NA	71	75	NA	გ7
	AC48729-017		12/10/09 11:01	1		NA	NA	77	80	NA	86
O 14 - Mar O 40-001-00-	WMB4345(MS		12/10/09 09:26	1		NA	NA	85	80	NA	88
~ / ~~~~	SMB4358(MS)		12/16/09 16:41	1		NA	NA	93	95	NA	105
	AC48751-013(		12/16/09 17:04	1		NA	NA	77	86	NA	86
	AC48751-014(		12/16/09 17:27	1		NA	NA	77	88	NA	94
	AC48751-012		12/16/09 17:49	1		NA	NA	73	77	NA	81
	SMB4360(MS)		12/17/09 15:56	1		NA	NA	65	68	NA	85
	AC48721-002		12/17/09 16:19	1		NA	NA	80	79	NA	87
	AC48721-002		12/17/09 16:42	1		NA	NA	71	72	NA	82
	AC48721-002(		12/17/09 17:05	i		NA	NA	80	76	NA	86
DIVIZZZUG.U	ンクサかいとうしのたい	00#	72, 11,00	•							

gs: SD=Surrogate diluted out

\*=Surrogate out

Method: 8270

#### Soil Limits

Compound	Spike Amt	Limits
S1=2-Fluorophenol	100	35-118
S2=Phenol-d5	100	36-121
S3=Nitrobenzene-d5	50	34-128
S4=2-Fluorobiphenyl	50	42-125
S5=2.4.6-Tribromophenol	100	27-155
S6=Ternhenyl-d14	50	40-158

#### **Aqueous Limits**

	Spike	
Compound	Amt	Limits
S1=2-Fluorophenol	100	23-117
S2=Phenol-d5	100	3-120
S3=Nitrobenzene-d5	50	41-143
S4=2-Fluorobiphenyl	50	35-140
S5=2,4,6-Tribromophenol	100	55-146
S6=Terphenyl-d14	50	26-154

#### Form3 MBS Data Method: 8270

f ]						er y 11 4 . 2 - 1 ( 1 ) 1	_eno.wararatawa	1 (	marrally:	Theretoe have been been been been been been been be	1:					م وجود ۱ و ۵ البوسانيسوال السند	Thomas mark		and a second frame of the condition of the continue
:		Data F	ile:=		5M542	233.D													
Dat	a/Batch	Sample :	ID:=		WMB4	1345(M	S)-Aq												
		Date/Tir	me:	مخسنسننة	12/10/0	09 09:2	6		all and an array of the state of the	TOTAL MARKET LANGUAGE.									
**	Lin	nit(s)				Conc	%	1	Conc	%		Conc	%		Conc	%		Conc	%
ompound	Soil	Àq	Col	MΓ	Conc	Exp	Rec	Conc	Exp	Rec	Conc	Exp	Rec	Cond	: Ехр	Rec	Сопс	Ехр	Rec
1,2,4-Trichlorobenz		52-120	1	0	82.98	100	83		***************************************							<del></del>	1		
1,4-Dichlorobenzen		52-110	1	0	77.76	100	78	Į.			]			]]			1		ļ
4-Dimethylphenol	}	54-122	1	0	83	100	83	1:			The state of the s			A Comment		,			
4-Dinitrotoluene		64-120	1	0	96.51	100	97				40-1			NAME OF THE OWNER, THE					
2-Chlorophenol		64-108	1	0	80.93	100	81	1.						Table 1					
2-Methylphenol		58-113	1	0	73.33	100	73												İ
Chlora-3-methylpi	1	71-119	1	0	90.69	100	91												
Nitrophenol		35-116	1	0	37.13	100	37	<u>                                     </u>											
Acenaphthene		75-110	1	0	90.48	100	90												
- Putyibenzylphthalat		66-127	1	0	97.64	100	98	A Calaman			A LA LA LA LA LA LA LA LA LA LA LA LA LA								
uorene	A Volumer #4	73-113	1	0	93.4	100	93	]]								•	A de minore de la composition della composition		Ì
aphthalene		61-116	1	0	85.66	100	86										-		Ì
N-Nitroso-di-n-propy	r	49-118	1	0	88.47	100	88												
entachlorophenol	!	76-140	1	0	93.1	100	93										11		İ
henol	Ì	32-98	1	٥	36.09	100	3 <del>6</del>									Tomaco ( Colonia )			
-yrene	<u> </u>	76-118	1	0	85.6	100	86				***								

#### FORM 3

Spike Recovery

Batch Number: SMB4358

Mbs Name: SMB4358(MS)

Ns Name: AC48751-012

Ms Name: AC48751-013(MS:

Msd Name: AC48751-014(MSD

Mbs File: 9M22175.D

Non Spk'd File: 9M22178.D

Spike File: 9M22176.D

Spike Dup File: 9M22177.D

Matrix: Soil

Method: EPA 8270C

2/16/09 16:41

Non-Spk'd Date: 12/16/09 17:49

Spike Date: 12/16/09 17:04

Spike Dup Date: 12/16/09 17:27

Compound	C#	Co	Mr	Conc Exp	Lo Lim	Hi Lim	Rpd Llm	Mbs Conc	Sample Conc	Spike Conc	Spike Dup Conc	Mbs Rec	MS Rec	Msd Rec	Rpd
1 4-Dichlorobenzene	14	1	0	50	26	128	41	44.48	0.00	39.45	40.38	89	79	81	2.3
N-Nitroso-di-n-propyla	21	1	G	50	23	147	39	46.75	0.00	42.72	43.81	94	85	88	2.5
1.2.4-Trichlorobenzen			С	50	40	129	39	46.18	0.00	40.70	41.73	92	81	83	2.5
Naphthalene	33	1	0	50	44	132	41	47.34	0.00	42.88	42.90	95	85	86	0.05
Acenaphthene	55	1	0	50	47	137	58	48.51	0.00	43.30	46.82	97	87	94	7.8
2.4-Dinitrotoluene	59	1	0	50	30	139	47	40.45	0.00	37.88	38.46	81	76	77	1.5
Fluorene	62	1	0	50	42	135	43	46.68	0.00	43.41	44.13	93	87	88	1.6
Pyrene	82	1	0	50	45	167	53	57.16	0.00	48.76	53.03	114	98	106	8.4
Butvibenzylphthalate	88	1	0	50	45	157	40	59.47	0.00	53.01	56.85	119	106	114	7

#### FORM 3

Spike Recovery

Batch Number: SMB4360

Mbs Name: SMB4360(MS)

Ns Name: AC48721-002

Ms Name: AC48721-002(MS)
Msd Name: AC48721-002(MSD

Mbs File: 9M22203.D

Non Spk'd File: 9M22204.D

Spike File: 9M22205.D Spike Dup File: 9M22206.D

Matrix: Soil

Method: EPA 8270C

Mbs Date: 12/17/09 15:56

Non Spk'd Date: 12/17/09 16:19

Spike Date: 12/17/09 16:42

Spike Dup Date: 12/17/09 17:05

		,			1						Spike				i
Compound	C#	Co		Сопс Ехр	Lo Llm	Hi Lim	Rpd Llm	Mbs Conc	Sample Conc	Spike Conc	Dup Conc	Mbs Rec	MS Rec	Msd Rec	Rpd
1.4-Dichlorobenzene	14	1	0	50	26	128	41	34.30	0.00	33.98	37.30	69	68	75	9.3
N-Nitroso-di-n-propyla	21	1	0	50	23	147	39	35.90	0.00	43,54	44.83	72	87	90	2.9
1.2.4-Trichlorobenzer	32	1.	0	50	40	129	39	34.93	0.00	39.97	42.82	70	80	86	6.9
Naphthalene	33	Ţ	0	50	44	132	41	35.94	0.00	41.06	44.36	72	82	89	7.7
Acenaphthene	_55	Ţ	0	50	47	137	58	37.79	6.97	46.24	51.01	76	79	88	9.8
2.4-Dinitrotoluene	59	1.	0	50	30	139	47	33.85	0.00	41,44	48.03	68	83	96	15
Fluorene	62	1	0	50	42	135	43	38.63	14.16	52.83	60.18	77	77	92	13
Pyrene	82	1	0	50	45	167	53	41.64	5.11	43.57	48.18	83	77	86	10
Butylbenzylphthalate	88	1	0	50	45	157	40	41.78	0.00	40.40	43.59	84	81	87	7.6

#### FORM 4 Blank Summary

Blank Number: WMB4345 Blank Data File: 9M22091.D

Matrix: Aqueous

Blank Analysis Date: 12/10/09 10:39

Blank Extraction Date: 12/09/09

(If Applicable)

Method: EPA 8270C

Sample Number	Data File	Analysis Date
AC48729-017	9M22092.D	12/10/09 11:01
WMB4345(MS)	5M54233.D	12/10/09 09:26

#### FORM 4 Blank Summary

Blank Number: SMB4358

Blank Data File: 10M09080.D

Matrix: Soil

Blank Analysis Date: 12/16/09 17:28

Blank Extraction Date: 12/16/09

(If Applicable)

Method: EPA 8270C

MATERIAL PROPERTY OF THE PARTY	Sample Number	Data File	Analysis Date	
	AC48729-001	10M09083.D	12/16/09 18:34	
	AC48729-002	9M22187.D	12/16/09 21:16	
	AC48729-003	10M09084.D	12/16/09 18:56	
	AC48751-012	9M22178.D	12/16/09 17:49	
	SMB4358(MS)	9M22175.D	12/16/09 16:41	
	AC48751-014(MSD	9M22177.D	12/16/09 17:27	
	AC48751-013(MS;	9M22176.D	12/16/09 17:04	

## FORM 4 Blank Summary

Blank Number: SMB4360 Blank Data File: 9M22199.D

Matrix: Soil

Blank Analysis Date: 12/17/09 14:25

Blank Extraction Date: 12/17/09

(If Applicable)

Method: EPA 8270C

 Sample Number	Data File	Analysis Date	
AC48729-004	9M22208.D	12/17/09 17:50	
AC48729-005	10M09113.D	12/17/09 19:00	
AC48729-006	10M09116.D	12/17/09 20:06	
AC48729-007	10M09114.D	12/17/09 19:22	
AC48729-008	9M22216.D	12/17/09 20:54	
AC48729-009	10M09115.D	12/17/09 19:44	
AC48729-010	9M22209.D	12/17/09 18:13	
AC48729-011	9M22210.D	12/17/09 18:36	
AC48729-012	9M22211.D	12/17/09 18:59	
AC48729-013	9M22212.D	12/17/09 19:22	
AC48729-014	9M22213.D	12/17/09 19:45	
AC48729-015	9M22214.D	12/17/09 20:08	
AC48729-016	9M22215.D	12/17/09 20:31	
AC48721-002(MSD	9M22206.D	12/17/09 17:05	
SMB4360(MS)	9M22203.D	12/17/09 15:56	
AC48721-002	9M22204.D	12/17/09 16:19	
AC48721-002(MS)	9M22205.D	12/17/09 16:42	

Tone Name: CAL DFTPP Instrument: GCMS 5

Data File: 5M53687.D Analysis Date: 11/16/09 07:48 Method; EPA 8270C

Tune Scan/Time Range: Scan 1363

ound Fail 7904 PASS 0 PASS 1456 PASS
0 PASS
1456 PASS
0 PASS
0232 PASS
0 PASS
2264 PASS
1335 PASS
2422 PASS
1037 PASS
5756 PASS
7728 PASS
7779 PASS

Data File	Sample Number	Analysis Date:
5M53688.D	CAL BNA@50PPM	11/16/09 08:23
5M53689.D	CAL BNA@2PPM	11/16/09 09:06 '
5M53690.D	CAL BNA@10PFM	11/16/09 09:28
5M53691.D	CAL BNA@20PPM	11/16/09 09:50
5M53692.D	CAL BNA@80PPM	11/16/09 10:13
5M53693.D	CAL BNA@12DPP	11/16/09 10:35
5M53694.D	CAL BNA@160PP	11/16/09 10:57
5M53695.D	CAL BNA@196PP	11/15/09 11:20
5M53696.D	ICV BNA@50PPM	11/16/09 11:45
5M53697.D	WMB4319	11/16/09 12:28
5M53698.D	WMB4319(MS)	11/16/09 12:50
5M53699.D	AC48392-001	11/16/09 13:13
5M53700.D	AC48392-002	11/16/09 13:35
5M53701.D	AC48310-008	11/16/09 13:57
5M53702.D	AC48310-009	11/16/09 14:20
5M53703.D	AC48310-010	11/16/09 14:42
5M53704.D	AC48310-012	11/16/09 15:05
5M53705.D	AC48313-001	11/16/09 15:27
5M53706.D	AC48313-001(MS)	11/16/09 15:49
5M53707.D	AC48313-001(MSD	11/16/09 16:12
5M53708.D	AC48311-008(10X)	11/16/09 16:34
5M53709.D	AC48311-009(10X)	11/16/09 16:56
5M53710.D	AC48316-001	11/16/09 17:19
5M53711.D	AC48316-002	11/16/09 17:41
5M53712.D	AC48315-048	11/16/09 18:04
5M53713.D	AC48315-054	11/16/09 18:26
5M53714.D	AC48315-060	11/16/09 18:49

Data Path : G:\GdMsData\2009\GCMS\_5\Data\11-16-09\

Data File: 5M53687.D

Acq On : 16 Nov 2009 7:48

Operator : AHD

Sample : CAL DFTPP Misc : A,BNA

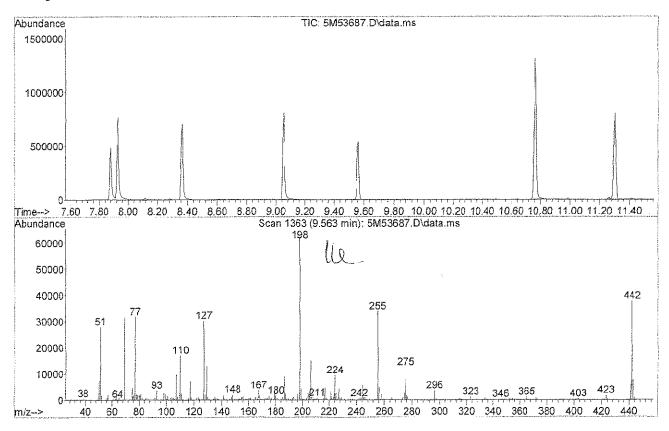
ALS Vial : 1 Sample Multiplier: 1

Integration File: LSCINT.P

Method : G:\GCMSDATA\2009\GCMS\_5\METHODQT\5M\_1113.M

Title : @GCMS 5, mg, 625, 8270

Last Update : Fri Nov 13 11:18:53 2009



Spectrum Information: Scan 1363

Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
51 68 69 70	198 69 198 69	30 0.00 0.00 0.00	60 2 100 2 60	44.8 0.0 50.5 0.0	27904 0 31456 0 30232	PASS PASS PASS PASS
127 197 198 199 275 365 441 442 443	198 198 198 198 198 198 443 198 442	40 0.00 100 5 10 1 0.01 40 17	1 100 9 30 100 100 100	48.6 0.0 100.0 7.0 20.0 1.7 74.0 60.6 20.6	30232 0 62264 4335 12422 1037 5756 37728 7779	PASS PASS PASS PASS PASS PASS PASS PASS

Tune Name: CAL DETPP Instrument: GCMS 9 Data File: 9M21687.D Analysis Date: 11/16/09 07:52 Method: EPA 8270C

Tune Scan/Time Range: Scan 1418

Tgt	Rel	Lo	Hi	Rel	Raw	Pass/
Mass	Mass	_Lim_	<u>L/im</u>	Abund	Abund	Fail
51	198	30	60	41.4	11880	PASS
68	69	0.00	2	0.0	0	PASS
69	198	0.00	100	51.5	14761	PASS
70	69	0.00	2	0.0	0	PASS
127	198	40	60	49.6	14233	PASS
197	198	0.00	1	0.0	0	PASS
198	198	100	100	100.0	28680	PASS
199	198	5	9	6.3	1795	PASS
275	198	10	30	23.0	6601	PASS
365	198	1	100	2.3	649	PASS
441	443	0.01	100	89.9	2010	PASS
442	198	40	100	45.5	13058	PASS
443	442	17	23	17.1	2235	PASS

-		
Data File	Sample Number	Analysis Date:
9M21688.D	CAL BNA@50PPM	11/16/09 08:25
9M21689.□	CAL BNA@50PPM	11/16/09 08:59
9M21690.D	CAL BNA@2PPM	11/16/09 09:22
9M21691.D	CAL BNA@10PPM	11/16/09 09:45
9M21692.D	CAL BNA@20PPM	11/16/09 10:08
9M21693.D	CAL BNA@80PPM	11/16/09 10:32
9M21694.D	CAL BNA@120PP	11/16/09 10:55
9M21695,D	CAL BNA@160PP	11/16/09 11:18
9M21696,D	CAL BNA@196PP	11/16/09 11:41
9M21697.D	ICV BNA@50PPM	11/16/09 12:04
9M21698.D	WMB4319	11/16/09 12:30
9M21699.D	EF-1 V-76578	11/16/09 12:55
9M21700.D	AC48372-001(T)	11/16/09 13:18
9M21701.D	AC48309-001	11/16/09 13:41
9M21702.D	AC48355-002	11/16/09 14:05
9M21703.D	AC48348-001	11/16/09 14:28
9M21704.D	AC48348-002	11/16/09 14:51
9M21705.D	AC48348-003	11/16/09 15:14
9M21706.D	AC48348-004	11/16/09 15:38
9M21707.D	AC48348-005	11/16/09 16:01
9M21708.D	AC48348-006	11/16/09 16:24
9M21709.D	AC48321-002	11/16/09 16:47
9M21710.D	AC48321-005	11/16/09 17:11
9M21711.D	AC48321-006	11/16/09 17:34
9M21712.D	AC48321-008	11/16/09 17:57
9M21713.D	AC48321-010	11/16/09 18:20

Tune Name: CAL DFTPP

Data File: 9M22124.D Instrument: GCMS 9 Analysis Date: 12/14/09 11:02
Method: EPA 82700
Tune Scan/Time Range: Average of 9.911 to 9.927 min

Tgt	Rel	Lo	Hi	Rel	Raw	Pass/
Mass	Mass	Lim	Lim	Abund	Abund	Fail
51	198	30	60	39.5	6383	PASS
68	69	0,00	2	1.3	87	PASS
68	198	0,00	100	41.9	6776	PASS
70	69	0.00	2	0.0	0	PASS
127	198	40	60	50.8	8216	PASS
197	198	0.00	1	1.0	161	PASS
198	198	100	100	100.0	16163	PASS
199	198	5	9	7.3	1181	PASS
275	198	10	30	22.9	3709	PASS
365	198	1	100	1.8	296	PASS
441	443	0.01	100	53.9	716	PASS
442	198	40	100	40.7	6583	PASS
443	442	17	23	20.2	1329	PASS

Data File	Sample Number	Analysis Date:
9M22125.D	CAL BNA@160PP	12/14/09 11:28
9M22126.D	CAL BNA@120PP	12/14/09 11:50
9M22127.D	CAL BNA@ 196PP	12/14/09 12:14
9M22128.D	CAL BNA@80PPM	12/14/09 12:37
9M22129.D	CAL BNA@50PPM	12/14/09 13:00
9M22130.D	CAL BNA@20PPM	12/14/09 13:25
9M22131.D	CAL BNA@10PPM	12/14/09 13:50
9M22132.D	CAL BNA@2PPM	12/14/09 14:13
9M22133.D	ICV BNA@50PPM	12/14/09 14:36

Tune Name: CAL DFTP?

Data File: 10M09012,D

Instrument: GCMS 10 Analysis Date: 12/14/09 11:03
Method: EPA 8270C
Tune Scan/Time Range: Average of 9.287 to 9.298 min

Tgt	Rel	Lo	Hi	Rel	Raw	Pass/
Mass	Mass	<u>Lim</u>	Lim	Abund	Abund	Fail
51	198	30	60	30.6	16462	PASS
68	69	0.00	2	0.0	O	PASS
69	198	0.00	100	43.2	23257	PASS
70	69	0.00	2	0.6	138	PASS
127	198	40	60	46.1	24814	PASS
197	198	0.00	1	0.0	0	PASS
198	198	100	100	100.0	53832	PASS
199	198	5	9	6.9	3688	PASS
275	198	10	30	28.6	15411	PASS
365	198	3	100	3.7	1976	PASS
441	443	0.01	100	73.4	6775	PASS
442	198	40	100	86.8	46739	PASS
443	442	17	23	19.7	9225	PASS

Data File	Sample Number	Analysis Date:
10M09013.D	CAL BNA@196PP	12/14/09 11:27
10M09014.D	CAL BNA@160PP	12/14/09 11:49
10M09015.D	CAL BNA@120PP	12/14/09 12:11
10M09016.D	CAL BNA@80PPM	12/14/09 12:34
10M09017.D	CAL BNA@50PPM	12/14/09 12:56
10M09018.D	CAL BNA@20PPM .	12/14/09 13:18
10M09019.D	CAL BNA@10PPM	12/14/09 13:40
10M09020.D	CAL BNA@2PPM	12/14/09 14:02
10M09021.D	ICV BNA@50PPM	12/14/09 14:51

Data Path : G:\GcMsData\2009\GCMS\_10\Data\12-14-09\

Data File : 10M09012.D

Acq On : 14 Dec 2009 11:03

Operator : AND

Sample : CAL DFTPP Misc : A,BNA

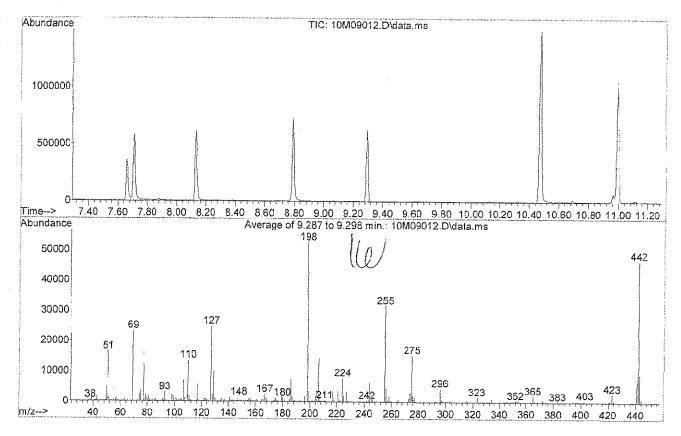
ALS Vial : 1 Sample Multiplier: 1

Integration File: RTEINT.P

Method : G:\GCMSDATA\2009\GCMS\_10\METHODQT\10M\_1113.M

Title : @GCMS\_10, mg, 625, 8270

Last Update : Fri Nov 13 11:05:00 2009



Spectrum Information: Average of 9.287 to 9.298 min.

	Target Mass	Rel. to Mass	Lower Limit*	Upper Limit%	Rel. Abn%	Raw Abn	Result   Pass/Fail
Nevert 19 day, and to the second seco	51 68 69 70 127 197 198 199 275 365 441 442 443	198 69 198 69 198 198 198 198 198 198 443 198	30 0.00 0.00 0.00 40 0.00 100 5 10 10 0.01 40 17	60 2 100 2 60 1 100 9 30 4100 100 100 23	30.6 0.0 43.2 0.6 46.1 0.0 100.0 5.9 28.6 3.7 73.4 86.8 19.7	16462 0 23257 138 24814 0 53832 3688 15411 1976 6775 46739 9225	PASS PASS PASS PASS PASS PASS PASS PASS
-							

Data Path : G:\GcMsData\2009\GCMS\_10\Data\12-16-09\

Data File : 10M09058.D

Acq On : 16 Dec 2009 9:11

Operator : AHD

Sample : CAL DFTPP Misc : A,BNA

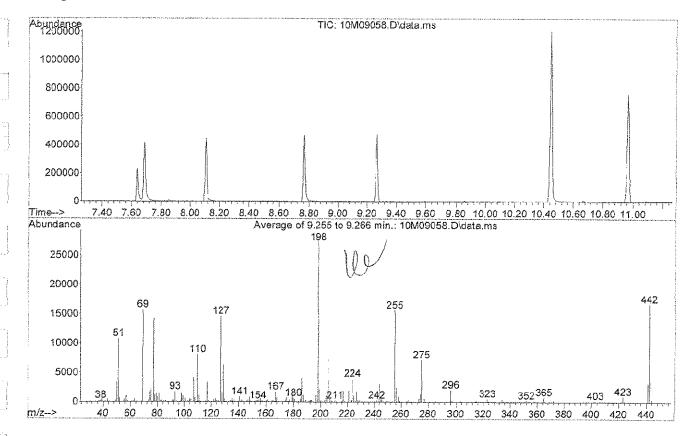
ALS Vial : 1 Sample Multiplier: 1

Integration File: RTEINT.P

Method : G:\GCMSDATA\2009\GCMS 10\METHODQT\10M 1214.M

Title : @GCMS 10,mg,625,8270

Last Update : Mon Dec 14 14:39:51 2009



Spectrum Information: Average of 9.255 to 9.266 min.

Target	Rel. to	Lower	Upper	Rel.	Raw	Result
Mass	Mass	Limit%	Limit%	Abn%	Abn	Pass/Fail
51 68 69 70 127 197 198 199 275 365 441 442 443	198 69 198 69 198 198 198 198 198 443 198 443	30 0.00 0.00 0.00 40 0.00 100 5 10 1 0.01 40	60 2 100 2 60 1 100 9 30 100 100 100 23	38.6 0.5 56.3 0.0 52.5 0.0 100.0 7.7 25.7 2.7 92.2 60.0 20.5	10748 75 15666 0 14610 0 27811 2136 7149 757 3156 16700 3424	PASS PASS PASS PASS PASS PASS PASS PASS

Tane Name: CAL DFTPP Instrument: GCMS 9 Data File: 9M22163.D Analysis Date: 12/16/09 11:36 Method: EPA 8270C

Tune Scan/Time Range: Scan 1388

Tgt	Rel	Lo	Hi	Rel	Raw	Pass/
Mass	Mass	Lim	Lim	Abund	Abund	Fail
51	198	30	60	47.4	4139	PASS
68	69	0.00	2	0.0	0	PASS
69	198	0.00	100	46.0	4014	PASS
70	69	0.00	2	0.0	0	PASS
127	198	40	60	54.8	4782	PASS
197	198	0.00	1	0.0	0	PASS
198	198	100	100	100.0	8727	PASS
199	198	5	9	5.6	485	PASS
275	198	10	30	25.2	2195	PASS
365	198	1	100	3.2	283	PASS
441	443	0.01	100	94.3	1447	PASS
442	198	40	100	91.1	7949	PASS
443	442	17	23	19.3	1535	PASS

Data File	Sample Number	Analysis Date:
9M22164.D	CAL BNA@50PPM	12/16/09 11:58
9M22165.D	SMB4357	12/16/09 12:25
9M22166.D	AC48811-001(T)	12/16/09 12:48
9M22167.D	WMB4351	12/16/09 13:11
9M22168.D	AC48824-013	12/16/09 13:34
9M22169.D	AC48691-001	12/16/09 13:57
9M22170.D	AC48691-005	12/16/09 14:20
9M22171.D	AC48691-006	12/16/09 14:43
9M22172.D	WMB4341	12/16/09 15:20
9M22173.D	WMB4341	12/16/09 15:54
9M22174.D	SMB4358	12/16/09 16:16
9M22175.D	SMB4358(MS)	12/16/09 16:41
9M22176.D	AC48751-013(MS:	12/16/09 17:04
9M22177.D	AC48751-014/MSD	12/16/09 17:27
9M22178.D	AC48751-012	12/16/09 17:49
9M22179.D	AC48751-004	12/16/09 18:12
9M22180.D	AC48751-007	12/16/09 18:35
9M22181.D	AC48751-017	12/16/09 18:58
9M22182.D	AC48693-012	12/16/09 19:21
9M22183.D	AC48693-014	12/16/09 19:44
9M22184.D	AC48693-015	12/16/09 20:07
9M22185.D	AC48693-016	12/16/09 20:30
9M22186.D	AC48693-021	12/16/09 20:53
9M22187.D	AC48729-002	12/16/09 21:16

Data Path : G:\GcMsData\2009\GCMS 9\Data\12-16-09\

Data File : 9M22163.D

Acq On : 16 Dec 2009 11:36

Operator : AHD

Sample : CAL DFTPP Misc : A,BNA

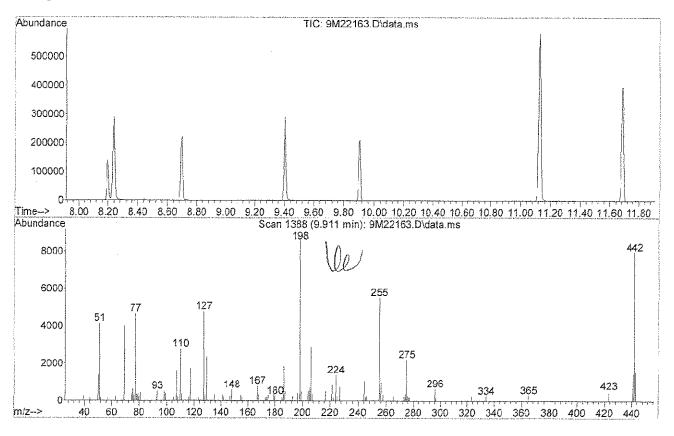
ALS Vial : 1 Sample Multiplier: 1

Integration File: RTEINT.P

Method : G:\GCMSDATA\2009\GCMS\_9\METHODQT\9M 1214.M

Title : @GCMS\_9,mg,625,8270

Last Update : Mon Dec 14 15:36:18 2009



Spectrum Information: Scan 1388

	Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
1	51 68 69	198 69 198	30 0.00 0.00	60 2 100	47.4 0.0 46.0	4139	PASS PASS PASS
	70 127	69 198	0.00	2 60	0.0	4782	PASS PASS
	197 198	198 198	0.00 100	1 100	0.0 100.0	0 8727	PASS PASS
	199 275 365	198 198 198	5 10 1	9 30 100	5.6 25.2 3.2	485 2195 283	PASS PASS PASS
	441 442	443 198	0.01 40	100	94.3 91.1	1447 7949	PASS PASS PASS
	443	442	17	23	19.3	1535	PASS

Tune Name: CAL DFTPP Instrument: GCMS 10 Data File: 10M09085.D Analysis Date: 12/17/09 08:42 Method: EPA 8270C

Tune Scan/Time Range: Scan 1387

Tune Scan/Time Range: Scan 138/							
Tgt	Rel	Lo	Hi	Rel	Raw	Pass/	
Mass	Mass	Lim	Lim	Abund	Abund	Fail	
51	198	30	60	37.8	23136	PASS	
68	69	0.00	2	0.0	0	PASS	
69	198	0.00	100	58.7	35936	PASS	
70	69	0.00	2	0.6	231	PASS	
127	198	40	60	54.6	33424	PASS	
197	198	0.00	1	0.0	0	PASS	
198	198	100	100	100.0	61208	PASS	
199	198	5	9	6.9	4201	PASS	
275	198	10	30	26,5	15231	PASS	
365	198	1	100	2.7	1671	PASS	
441	443	0.01	100	87.5	6878	PASS	
442	198	40	100	59.7	36560	PASS	
443	442	17	23	21.5	7859	PASS	

Data File	Sample Number	Analysis Date:
10M09086,D	CAL BNA@50PPM	12/17/09 09:04
10M09087.D	SMB4359	12/17/09 09:28
10M09088.D	OMB1326	12/17/09 09:50
10M09089.D	AC48637-001	12/17/09 10:12
10M09090.D	AC48837-002	12/17/09 10:34
10M09091.D	AC48838-003	12/17/09 10:56
10M09092.D	AC48889-016	12/17/09 11:18
10M09093.D	AC48889-017	12/17/09 11:40
10M09094.D	AC48889-018	12/17/09 12:02
10M09095.D	AC48889-019	12/17/09 12:24
10M09096.D	AC48889-020	12/17/09 12:46
10M09097.D	AC48830-022	12/17 <i>/</i> 09 13:08
10M09098.D	AC48830-023	12/17/09 13:30
10M09099.D	AC48830-020	12/17/09 13:52
10M09100.D	AC48830-022	12/17/09 14:14
10M09101.D	SMB4360	12/17/09 14:36
10M09102.D	SMB4356(MS)	12/17/09 14:58
10M09103.D	AC48814-001(MS)	12/17/09 15:20
10M09104.D	AC48814-001(MSD	12/17/09 15:42
10M09105.D	AC48870-001(3X)	12/17/09 16:04
10M09106.D	AC48870-003(3X)	12/17/09 16:26
10M09107.D	AC48870-004(3X)	12/17/09 16:48
10M09108.D	AC48870-002	12/17/09 17:10
10M09109.D	AC48866-004	12/17/09 17:32
10M09110.D	AC48866-003	12/17/09 17:54
10M09111.D	AC48722-002(3X)	12/17/09 18:16
10M09112.D	AC48722-004	12/17/09 18:38
10M09113.D	AC48729-005	12/17/09 19:00
10M09114.D	AC48729-007	12/17/09 19:22
10M09115.D	AC48729-009	12/17/09 19:44
10M09116.D	AC48729-006	12/17/09 20:06

Data Path : G:\GcMsData\2009\GCMS\_10\Data\12-17-09\

Data File : 10M09085.D

Acq On : 17 Dec 2009 8:42

Operator : AHD

Sample : CAL DFTPP Misc : A, BNA

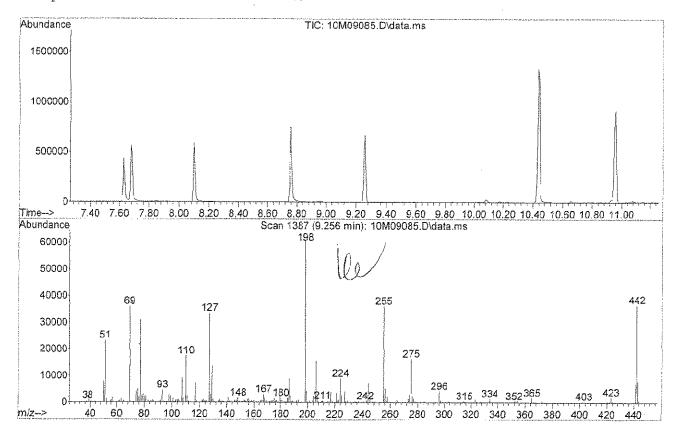
ALS Vial : 1 Sample Multiplier: 1

Integration File: RTEINT.P

Method : G:\GCMSDATA\2009\GCMS\_10\METHODQT\10M\_1214.M

Title : @GCMS 10, mg, 625, 8270

Last Update : Mon Dec 14 14:39:51 2009



Spectrum Information: Scan 1387

Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
51	198	30	60	37.8	23136	PASS
68	69	0.00	2.	0.0	0	PASS
69	198	0.00	100	58.7	35936	PASS
70	69	0.00	2	0.6	231	PASS
127	198	40	60	54.6	33424	PASS
197	198	0.00	1	0.0	0	PASS
198	198	100	100	100.0	61208	PASS
199	198	5	9	6.9	4201	PASS
275	198	10	30	26.5	16231	PASS
365	198	1	100	2.7	1671	PASS
441	443	0.01	100	87.5	6878	PASS
442	198	40	100	59.7	36560	PASS
443	442	17	23	21.5	7859	PASS

Tune Name: CAL DFTPP Instrument: GCMS 9

Data File: 9M22188.D Analysis Date: 12/17/09 09:03 Method: EPA 8270C

Tune Scan/Time Range: Scan 1387

Tgt	Rel	Lo	Hì	Rel	Raw	Pass/
Mass	Mass	Lim	Lim	Aband	Abund	Fail
51	198	30	60	40.2	4103	PASS
68	69	0.00	2	0.0	0	PASS
69	198	0.00	100	43.3	4418	PASS
70	69	0.00	2	0.0	0	PASS
127	198	40	60	48.1	4904	PASS
197	198	0.00	1	0.0	Ð	PASS
198	198	100	100	100.0	10205	PASS
199	198	5	9	6.8	689	PASS
275	198	10	30	22.4	2289	PASS
365	198	1	100	3.9	394	PASS
441	443	0.01	100	71.4	1317	PASS
442	198	40	100	81.2	8282	PASS
443	442	17	23	22.3	1844	PASS

Data File	Sample Number	Analysis Date:
9M22189.D	CAL BNA@50PPM	12/17/09 10:22
9M22190.D	CAL BNA@196PP	12/17/09 10:45
9M22191.D	CAL BNA@160PP	12/17/09 11:08
9M22192.D	CAL BNA@120PP	12/17/09 11:31
9M22193.D	CAL BNA@80PPM	12/17/09 11:53
9M22194.D	CAL BNA@20PPM	12/17/09 12:16
9M22195.D	CAL BNA@10PPM	12/17/09 12:39
9M22196.D	CAL BNA@2PPM	12/17/09 13:02
9M22197.D	CAL BNA@10PPM	12/17/09 13:27
9M22198.D	ICV BNA@50PPM	12/17/09 13:50
9M22199.D	SMB4360	12/17/09 14:25
9M22200.D	WMB4352(MS)	12/17/09 14:47
9M22201.D	WMB4352	12/17/09 15:10
9M22202.D	AC48852-001(T)	12/17/09 15:33
9M22203.D	SMB4360(MS)	12/17/09 15:56
9M22204.D	AC48721-002	12/17/09 16:19
9M22205.D	AC48721-002(MS)	12/17/09 16:42
9M22206.D	AC48721-002(MSD	12/17/09 17:05
9M22207.D	AC48736-001	12/17/09 17:28
9M22208.D	AC48729-004	12/17/09 17:50
9M22209.D	AC48729-010	12/17/09 18:13
9M22210.D	AC48729-011	12/17/09 18:36
9M22211.D	AC48729-012	12/17/09 18:59
9M22212.D	AC48729-013	12/17/09 19:22
9M22213.D	AC48729-014	12/17/09 19:45
9M22214.D	AC48729-015	12/17/09 20:08
9M22215.D	AC48729-016	12/17/09 20:31
9M22216.D	AC48729-008	12/17/09 20:54

Data Path: G:\GcMsData\2009\GCMS 9\Data\12-17-09\

Data File : 9M22188.D

Acq On : 17 Dec 2009 9:03

Operator : AHD

Sample : CAL DFTPP Misc : A,BNA

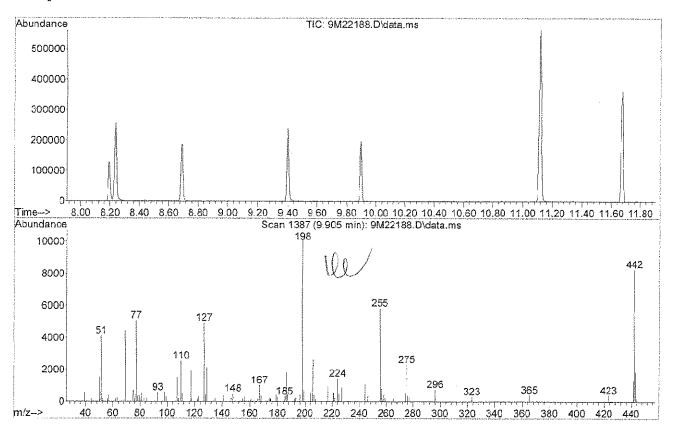
ALS Vial : 1 Sample Multiplier: 1

Integration File: RTEINT, P

Method : G:\GCMSDATA\2009\GCMS\_9\METHODQT\9M\_1214.M

Title : @GCMS\_9,mg,625,8270

Last Update : Mon Dec 14 15:36:18 2009



DFTPP

Spectrum Information: Scan 1387

Target Mass	Rel. to Mass	Lower	Upper Limit%	Rel. Abn%	Raw Abn	Result   Pass/Fail
51 68 69 70 127 197 198 199 275 365 441 442 443	198 69 198 69 198 198 198 198 198 443 198 442	30 0.00 0.00 0.00 40 0.00 100 5 10 1 0.01 40	60 2 100 2 60 1 100 9 30 100 100 100	40.2 0.0 43.3 0.0 48.1 0.0 100.0 6.8 22.4 3.9 71.4 81.2 22.3	4103 0 4418 0 4904 0 10205 689 2289 394 1317 8282 1844	PASS PASS PASS PASS PASS PASS PASS PASS

Page 1 of 3		5	2 0 20	A		Y						
F-00 10,00 FR:00 00:00 140 0 1888	יאאי אא		į C	N. P. D. C. P.	0.2.1.000	1.01.01	20,3412 9.21.10 9.3131	S VECTO DECORA DECORA	0.3034 0.3104 0.34co		IOI LU AVA	2.4.0-11UIIUIUUURIIU
0.021 00.08 00.06 00.01	o d	* *	8 0	) -    -	0.2007.11	7.202			0.110		 	Hexachiorocyclobernac
2.00 10.00 20.00 80.00 120.0 150.0	50.00			2 0	0.650 7.12	1.6213	0.5825	5 0.6684 0.649	0.7137 0.677		0	1.2.4.5-Tetrachloroben
2.00 10.00 20.00 80.00 120.0 160.0	00.00	, <u></u>			1.01 /.35	).9816	1.0337 1.1656 1.0479 0.9801 0.9785 0.9491 0.9498 0.9816	9 0.9801 0.978	1.1656 1.047		0	1.1'-Biohenvi
2.00 10.00 20.00 80.00 120.0 160.0	50.00				0.717 6.98	0.6890	0.7423 0.8332 0.7000 0.6846 0.7185 0.6806 0.6895 0.6890	0.6846 0.718	3 0.8332 0.700		s (T 1 0 Avg	Methylnaphthalenes (T
2 00 10 00 20 00 80 00 120 0 160 0	50.00	-			0.717 6.98	1,6890	0.8332 0.7000 0.6846 0.7185 0.6805 0.6895 0.6890	0.6846 0.718	0.8332 0.700		1 0 Avg	2-Methylnaphthalene
2.00 10.00 20.00 80.00 120.0 160.0	*(30) 50.00	47 *		1.00 1.00	0.375 6.87	1.3881	0.3974 0.3446 0.3666 0.3578 0.3871 0.3796 0.3805 0.3881	3 0.3578 0.387	1 0.3446 0.366	-	10	4-Chloro-3-methylipher
2.00 10.00 20.00 80.00 120.0	50.00	S.		w	0.140 6.77	1.1569	0.0926 0.1322 0.1345 0.1507 0.1473 0.1507 0.1569	2 0,1345 0,150	7 0.0926 0.132		10	Caprolaciam
2.00 10.00 20.00 80.00 120.0	<b>*</b> (30) 50.00				0.181 6.56	1.1757	0.2067 0.1803 0.1730 0.1792 0.1733 0.1730 0.1757	3 0.1730 0.179	0.2067 0.180		ص	Hexachlorobutadiene
2.00 10.00 20.00 80.00 120.0 160.0	50.00	12	ļ	- 1	0.396 6.51		0.3978 0.3446 0.3153 -		0 4156 0 4441 0 4293	ŀ	1 0 Ava	4-Chloroaniline
2.00 10.00 20.00 80.00 120.0 160.0	50.00 <u>2</u> .00	ප ප				0210	0.9948		1,0968 1,2976 1,1023		) ·	Nachthalene
2.00 10.00 20.00 80.00 120.0 160.0	50.00					0.3178	0.3283 0.3075 0.3107 0	2 0 3295 0 328	0.2926		 ⊃ :	1.3 A-Trichlorobenzena
2.00 10.00 20.00 80.00 120.0 160.0	·(30) 50.00				•	2960	3 0 2842 0 2802 0 2960	3 0 2861 0 2983 0 2842	0.0905 0.0986		) c	2 A_Dichlaranhenal
2.00 10.00 20.00 80.00 120.0 160.0	50.00	7.0				4988	0.5053 0.4871 0.4873 0.4988	0.5035.0.505	0 5063		TO AVO	his (2. Chloroethow) mai
10.00 20.00 80.00	50.00	35	ļ	0 0	0.749 6.78	3410	0.7670	0.4393 0.4134 0.441	0.4047 0.430		<u>.</u>	2.4-Ulliethylbliethol
2 00 10 00 20 00 80 00 120 0 160 0	50.00					12021	0.1872 0.1801 0.1830 0.2021	0.1196 0.187	0.2073 0.1439 0.1870 0.7796		>	Z-Miropieno
2 00 10 00 20 00 80 00 120 0 180 0	*/301 50.00			0000 0000		3031	0.9140 0.0007 9.0000 0.0070	0.0020 0.334	0.9092 0.9041 0.9042 0.8028 0.3073 0.4450 0.4870 0.4798			1 March Cont
2 00 10 00 20 00 80 00 120 0 150 0	50 00 2 00	ם פ			0.010 6.30	0073	0.0140 0.4700 0.4040 0.4762	0.0000 0.000	0.5201 0.0142 0.5365 0.5055 0.663 0.6344 0.5365 0.5055		1 0 AVQ	Nitrobenzene
2.00 10.00 20.00 80.00 120.0 180.0	50.00.2.00	e i		0000 0000		1793	0.17/0 0.1739 0.1727 0.1739		0.1643 U.1675 U.1600		1 O AVG	Nitrobenzene-do
# 00 10 00 40 c0 80 00 80 c0	20.00	ω t	- 1		Ì	1.4002	1,4001 1,20001 1,4002 1	0 1603 0 177	1013 0 1075 0 1600 0 1603	Ì	J O AVO	3&4-Welliyibhehol
2.00 10.00 20.00 00.00 120.0 150.0	(0.030) 50,00 5.00 0.00 5,00 5,00		00 00. 3.0			3013			1.3699 1.5113 1.3432 1.3539		) C	N-Nitrosc-di-n-dropyia
200 1000 2000 8000 120 1600	50.50					26316	0.6391 0.6095 0.6429 0.6316	0.6362 0.639	0.6514 0.7687 0.5949 0.6362			Hexachloroethane
2.00 10.00 20.00 80.00 120.0	20,00	4 4				2.5/58	4 2.4306 2.5378 2	2.5255 2.5914	2.8269 2.60/6		1 0 Avg	Acelophenone
2.00	50.00 2.00	<u>.</u> α			ان ي	1.5202	1.3349 1.4851		1.5747		1 0 Avg	2-Methylphenol
0.001 0.00 00.00 00.01	50.00 2.00	ا د ا				2.2109	2.1334 2.2550	2.5708	2 9537 2 6669		viter 1 0 Ava	bis(2-chloroisepropyl)e
2.00 10.00 20.00 80.00 120.0 160.0	50.00	Ö	99 5.0		, U.	1.1141	1.0282 1.0669	1.0130	0.9995		- 0	Benzyl alcohol
2.00 10.00 20.00 80.00 120.0	50.00	oci o				1.4139	1.3333 1.3844		1.7116	q 1.4826	-4 O	1.2-Dichlorobenzene
2.00 10.00 20.00 80.00 120.0 150.0	*(30) 50.00 2.00				_	1.5106	1,4713 1.5089		1.9085 1.588		e 10 Avg	1.4-Dichlorobenzene
2.00 10.00 20.00 80.00 120.0 160.0	50.00				•	1,4896	1.4214 1.4957		1.6968		10	1.3-Dichiorobenzene
2.00 10.00 20.00 80.00 120.0 160.0	50.00		98 11	1	1	2.3912	2,4422 2,5029				1 0 Avg	N-Decane
2,00 10.00 20.00 80.00 120.0	50,00	7	98 4.7			1.4641	1.3826 1,4690	1,4461 1,5338	1.5658 1.4060 1.4461		1 0 Avg	2-Chlorophenol
10.00 20 00 80.00 120.0 160.0	*(30) 50.00					2.5126	2.3002 2.4616		2.5826 2.2722 2.3079		1 0 Ava	Phenol
10.00 20.00 80.00 120.0 160.0	50.00	්ටා	_			2,5115	6 2.2824 2.4261 2	2.1520 2.4136	2.2395 2.0601 2.1520		ے ۔ 0 ہ	Phenol-d5
2.00 10.00 20.00 80.00 120.0 160.0	50.00	2	99 12		1	1.5750	1 6677 1 5229 1 5916 1	1.6252 1.667	2 1537 1 7362 1.6252		ي ح د	his/2-Chloroethyllether
2,00 10,00 20,00 80,00 120,0 160,0 196	50.00	7				6898		0.7001 0.711	0 7273 0 7093		-	Pentachloroethage
2.00 10.00 20.00 80.00	50.00	N	_		•	2.4802	2,4926	2 7271 2 727	2 8359 2 8117 2 6400 2 7271		1 0 Ava	Apiline
2.00 10.00 20.00 80.00 120.0	50.00	w.				1 1 1 1		1.7515 1.403	1.8214 1.8629 1.7329 1.7515		1 0 0 kg	Benzaldehyde
2.00 10.00 20.00 80.00 120.0 160.0	50.00	c)			4.18	7853	6 1.6175 1.7219 1.7853	1.3710 1.643	1 6347 1 0886 1 2675 1 3710 1 6436 1 6175		<u> </u>	2-Eliforophenol
2.00 10.00 20.00 80.00	50.00	9	99 19		2.36	.2691	1.1882	0.9824 1.172	o i	. !	л О	N-Nitrosodimethylamin
2,00 10,00 20,00 80,00 120 0 160 0 196.0	50,00	17		0.997 0.999	1.86 2.41	2,2092	2.0010 2.0583 2.0705 2	1.6661	1.2564 1.6272	a 1.9923	1 0 Qua	Pyridine
Calibration Level Concentrations  Lvl2 Lvl3 Lvl4 Lvl5 Lvl6 Lvl7 Lvl8 Lvl9	K	%Rsd	ਨ	Corr1 Cor	AvgRf RT	RF8 RF9	RF6 RF7 R	RF4 RF5	RF2 RF3	RF1	Col Mr Fit:	Compound
				:							•	,
11/16/09 10:35 11/16/09 11:20	CAL BNA@120PPM CAL BNA@196PPM	£ ₽ ₽	o	5M53693. 5M53695.			11/16/09 10:13 11/16/09 10:57	BNA@80PPM	CAL BNA	5M53692 5M53694	លិសិ	, S
11/16/09 09:50	CAL BNA@20PPM	CALE	~ ~	5M53691.	14		11/16/09 09:28	910PPM	CAL BNA@10PPM	5M53690.	ಪ್ರ ಪ	
Analysis care/ilme		) al [0.		Jata File:	31 77.		Analysis Date/ I me		Cal Identifier	Data File:		In Level #
		-	<b>)</b>	1					:	!	)	

Flags	
a - failed the spec criteria	iteria * - ece compound
b - failed the ccc criteria	teria **- spcc compound
c - fulled the minim	c - fulled the minimum correlation coeff criteria (if a)

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Note:

| Note: Avg Rsd: 8.56 |
| Corr I = Correlation Coefficient for linear Eq. |
| Corr 2 = Correlation Coefficient for quad Eq. |
| Pit = Indicates whether Avg RF, Linear, or Quadratic Curve was used for compound.

Page 1 of 3

Page 2 of 3		8.56	Rsd: 8	Avg	A Particular Control of Particular Control of Control o	3.	Note:	,			i	Flags		
00 10.00 20.00 80.00 120.0 180.0 196.0	00.7 00.00	, ,	S	0.000	17.00	6	0.0100	2.000			1			
0.03 0.03 0.03 0.03 0.03 0.03 0.03 0.03		1 C			0 553 11 30	73	0 5683 0 5753 0 5738 0 5973	0 5683 0 57	0 5815 0 4858 0 5214 0 5222	0 4858 n s	ĺ	1 0 Ava	)	4.4'-DDD
0.061 0.021 00.06 00.02 00.01		ب ز ب			200 0 01 11 V2010	200	0.0962 0.0821 0.0900 0.0879 0.0988 0.1038 0.1029 0.1086	0 0988 0 10	900 0 0879	0.0821 0 0		1 0 Avg		Endrin
30.00 10.00 40.00 00.00 00.00 00.00		ا فر - د		~, .	329 11 00 0 993 399 0 00 11 925 0	83	0.3307 0.3329 0.3256 0.3104 0.3325 0.3293 0.3249 0.3462	0 3325 0 32	256 0.3104	0.3329 0.3				4,4'-DDE
# 00 40 00 40 00 60 00 00 00	20.20 20.00	- r			1 05 11 05	42	1.0816 1.0736 0.9844 1,0027 1,0375 1,0272 1,0199 1,1342	1.0375 1.02	844 1 0027	1.0736 0.9			vi-d14	Terphenyl-d14
00.00 00.02 00.01	00.3 00.03 00.3 00.00	ۍ د د د	0,000	 -> c	0.508.10.77		399	0.7150 0.3041 0.5037 0.5855 0.5470 0.3899	037 0.5855	0.3041 0.5			TO.	Benzidine
10.00 20.00 80.00 120.0 160.0		١.	ž.	007 0		33	1 6064 1 6/17 1 6837 1 6657 1 7930	16/17 168	484 1 6064	1.7492   6747   6484	İ			Pyrene
10.00 20.00 80.00	50.00	7 A e				3 -	1.002 1.0070 1.0080 1.4030 1.4040 1.4008 1.4008 1.4008 1.0070 1.0070 1.0070 1.4074 1.4008 1.4070 1.4074 1.4074	1 3882 4 36	565 1 3644	6470 1 3274 1 3865	1 4470	1 0 Avo		Fluoranthene
10.00 20.00 80.00 120.0 160.0	50.00 2.00	. 0		۰		76	744 1 4664 1 4647	1 4616 1 4744	370 4 30/6	1 5117 1 3300 1 3370	4 5117		Di-n-butvlohfhatate	Di-n-but
10.00 20.00 80.00 120.0 160.0		, U1		٠		797	053 1.0914 1.0997	1 1308 1 1433	1.1339	1,1920 1,2007 1,3707			5 8	Carbazola
10.00 20.00 80.00 120.0 160.0		i Ch			1.17 9.28	21	1.1638 1.1338 1.1890 1.1841 1.1151	1,1335 1.10		1.1664 1.042/ 1.2125		1 O Avg		Anthracene
120.0 160.0	(30) 50.00	1	a to Second	9	ļ	67	0.0873 0.1151 0.1218 0.1222 0.1267	0.1151 0.1	0.0736 0.0873	0.0		- 1	Pentachiorophenol	rentach
10.00 20.00 80.00 120.0 160.0		7.9	8	0.996 1	0.929 9.14	93	1.0247 0.9757 0.9624 0.9337 0.8819 0.8443 0.8193	0.9337 0.8	757 0.9624	1.0247 0.9	0.9878		ecane	N-Octadecane
10.00 20.00 80.00 120.0 160.0		40		1.00 1	0.193 8.86	85	0.1933 0.2115 0.1881 0.1917 0.1912 0.1884 0.1899 0.1885	0.1912 0.11	881 0.1917	0.2115 0.1			dexachlorobenzene	Hexachi
10.00 20.00 80.00 120.0 160.0	50.00 2.0	3			0.208 8.79	90	0.2102 0.2059 0.2089 0.2090	0.2102 0.20	0.2122 0.2204 0.1992 0.1992	0.2204 0.1			4-Bromophenvi-phenvi	4-Brome
10.00 20.00 80.00 120.0 160.0	50.00 2.0	යා යා		0.999 1	1.06 8.47	03	1.0871 1.1327 1.0819 1.1318 1.0650 1.0062 1.0226 0.9803	1 0650 1 00	819 1.1318	1.1327 1.0		0	1.2-Diphenvinvdrazine	1.2-Dubt
10.00 20.00 80.00 120.0 160.0	50.00			1	0.0738 8.55	.97	0.0788 0.0535 0.0694 0.0732 0.0793 0.0779 0.0782 0.0797	0.0793 0.07	694 0.0732	0.0535 0.0	į	3	2.4.6-Tribromophenol	2.4.6-Tr
20.00 80.00 120.0 160.0					0.684 8.43	04	0.7141 0.7627 0.6901 0.6879 0.6590 0.6635 0.6374 0.6604	0.6590 0.66	901 0.6879	0.7627 0.6			n-Nitrosodiphenviamine	n-Nitros
10.00 20.00 80.00 120 0 160 0		<del></del>			0.136 8.37	36	0.0985 0.1198 0.1416 0.1459 0.1471 0.1536	0 1416 0 14	985 0.1198	0.0		€ 1 0 Avg	4.6-Dinitro-2-methylohe	4.6-Dini
10.00 20.00 80 00 120 0 160 0	50.00 2.4	7.4			0.442 8.96	82	0.4884 0.3816 0.4103 0.4435 0.4587 0.4391 0.4521 0.4582	0.4587 0.43	103 0,4435	0.3816 0.4		1 0 Avg		Atrazine
10 00 20 00 80 00	50 00 2 (	On On			0.345 8.34	81	0.3986 0.2251 0.3357 0.3589 0.3729 0.3481 0.3686 0.3481	0.3729 0.34	357 0.3589	0.2251 0.3		1 0 Avg	niline	4-Nitroaniline
20.00 80.00 120.0 160.0	50.00 21	<b>4</b> (0			1.40 8.21	06	4544 1,5171 1,4221 1,3798 1,3924 1,3042 1,3752 1,3606	1.3924 1.30	221 1.3798	1.5171 1.4		0	hthalate	<u>Diethylphthalate</u>
10.00 20.00 20.00 120.0 180.0	50.00 21	ယ . ဘ :			0.656 8.32	34	0.6668 0.7029 0.6469 0.6459 0.6556 0.6200 0.6524 0.6534	0.6556 0.62	469 0.6459	0.7029 0.6		O ~	4-Chlorophenyl-phenyle	4-Chlore
10 00 20 00 80 00 120 0 160 0	50.00 21	\$0 C			1.39 8.32	2	1.4392 1.5097 1.4089 1.3641 1.3876 1.2817 1.3545 1.3621	1.3876 1.28	089 1.3641	1.5097 1.4		<u>۔</u> ٥	10	Fluorene
20.00 80.00 120.0 160.0	50.00				0.296 8.12	₫ :	0.3289 0.2543 0.2811 0.2987 0.3055 0.2864 0.3047 0.3066	0.3055 0.28	811 0.2987	0.2543 0.2		<u>-</u>	2.3.4.6-Tetrachlorophe	2.3.4.6
0.031 0.021 00.08 00.02 00.01 0.031 0.021 00.08 00.02 00.01	**/0 050	ب اد *	308	0.398.0	0.304 7.93	.44	0.3346 0.1678 0.2733 0.2776 0.3382 0.3199 0.3528 0.3644	0.3382 0.3	733 0.2776	0.1678 0.2	,		henol	4-Nitrophenol
10.00 20.00 80.00 120.0 36.00 196	20.00	n c		٠.	0.411.8.00	74	150 0 4331 0 4274	0.4430 0.3596 0.3862 0.4057 0.4213 0.4150	862 0.4057	0.3596 0 3		1 0 Ava	2.4-Dinitrotoluene	2.4-Dini
10.00 20.00 80.00 120.0 160.0	00.03		000	0.994 0	1.65.8.04	87	575 1 5974 1 5787	16237 15575	.7173 1.7783 1.6890 1.6881 1.6237	1.7783 1.6	_ ·	1 0 Ava	turan	Dibenzofuran
20.00 80.00 120.0 160.0	50.00				0.3007.79	70		0.0020 0.000 0.000	0.0518 0.0930	0.0		1 0 Oha	2.4-Dinitrophenol	2.4-Dini
10.00 20.00 80.00 120.0 160.0					1.13 /.86	700	.3799	0.3326 0.3250 0.2888	215 0 3326	0.3490 0.2790 0.3215	ο.	1 0 Ava		3-Nitroaniline
10.00 20.00	50.00	Ì		1	CQ.7 087.0	303	100 0.2000 0.2000	1 170E 1 2101 1 1020 1 1270 1 1110 1 0F0.	630 4 4370	1 2494 7 4		A O AVA	Thene	Acenanhihene
10.00 20.00 80.00 120.0 160.0 196	50.00 2.	i Ci			1.37 7.59	126	13073 N 2407 N 3083 N 3058 N 3072 N 2720 N 2000 N 2002	7.1 1276.1 v	087 03058	0.2407.03	¬	1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	2 6-Dinitrataluene	26-Dini
2.00 10.00 20.00 80.00 120.0 160.0 196.0	50.00 2.	4		_	1.81 7.71	106	10470 1.9450 1.8649 1.8330 1.8086 1.5503 1.7584 1.7406	1.8086 1.6	1.833U	3.1 Octo	٠	1 o Avg	Dimathylabilytesia	
10.00 20.00 80.00 120.0 160.0 196.	50.00 2.	<u></u>			0.581 7,45	740	0.5256 0.4374 0.6041 0.6191 0.6248 0.5648 0.5855 0.5840	0.6248 0.5	8041 0.6191	0.43/4 0.6		DAV O		2-IVIII/Oaniiine
10.00 20.00 80.00 120.0 160.0	50.00 2.	7.0	0.999	0.999 0	0.940 7.43	)05	0.9413 1.0694 0.9736 0.9659 0.9335 0.8604 0.8757 0.9005	0.9335 0.8	1736 0.9659	1.0694 0.5		1 0 Avg	Emer	Dibnenvi Ether
10.00.20.00 80.00 120.0 150.0	50.00 2.	6.0	0.998	0.998 0	1, 16 7,64	)6!	.1753 1.2481 1.2319 1.1843 1.1654 1.0443 1.1017 1.1061	1.1654 1.0	319 1.1843	1.2481 1.2		10	Dimethylnaphthalencs	Dimethy
10.00 20.00 80.00 120.0 150.0	50,00 2.	6.0	0.998	0.998 0	1.167.64	)6í 	.1753 1.2481 1.2319 1.1843 1.1654 1.0443 1.1017 1.1061	1.1654 1.0	1319 1.1843	1,2481 1.2		0	1.4-Dimethylnaphthalei	1.4-Dim
10.00 20.00 80.00 120.0 150.0	50,00 2.	8.3	0.999	0.999 0	1.17 7.37	¥57 —	1.0545 1.0826 1.0857	1.1444 1.0	1.2413 1.2052 1.1444	.1894 1.3465 1.2			2-Chloronaphthalene	2-Chlore
5.00 10.00 40.00 50.00 80.00		6.6			1.33 7.27	757	142 1.2703 1.2757	1.3185 1.2142	1,4006 1,3195 1,3185	.3620 1.4996 1.4	_	1 0 Avg	2-Fluorobiohenvi	2-Fluore
2.00 10.00 20.00 80.00 120.0 150.0 196.0	50.00 2.	5.6	0.997	0.997 0	0.388 7.23	<del>1</del> 97 —	0.3645 0.3868 0.3997		0.3874 0.3804 0.4035	0.3566		1 0 Avg	2.4.5-Trichlorophenol	24.5-7
Calibration Level Concentrations Lv/2 Lv/3 Lv/4 Lv/5 Lv/6 Lv/7 Lv/8 Lv/9	LV1 LV	%Rsd	Corr2 9	Corr1 C	AvgRf RT	RF9	6 RF7 RF8	RF5 RF6	3 RF4	RF2 RF3	RF1	Col Mr Fit:		Compound
11/16/09 10:35 11/16/09 11:20	CAL BNA@120PPM CAL BNA@196PPM	CAL	ឯក	5M5369 5M5369			1/16/09 10:13		CAL BNA@160PPM	CALE	5M53694.	<u>សិ</u> ក	75	Yanas.
11/16/09 09:06 11/16/09 09:50		\$ £	<u>(</u> 0	5M53689 5M53691	V 4.		11/16/09 08:23 11/16/09 09:28		CAL BNA@50PPM	CAL CAL	5M53690	វិហិក	nω –	01
Analysis Date/Time	Cal Identifier: An	Callo	Ø.	Data File	#	Le	Analysis Date/Time		Cal Identifier:	Calld	Data File:	: D	Level #:	Toron
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a - failed the spec criteria \*- ece compound
b - failed the ere criteria \*- spec compound
Corr 1 = Correlation Coefficient for finear Eq.
Corr 2 = Correlation Coefficient for quad Eq.
C- failed the minimum correlation coeff criterally applicable Fit = Indicates whether Avg RF, Linear, or Quadratic Curve was used for compound.

Level #:	Data File:	Cal Identifier:	Analysis Date/Time	Level#	Data File:	Cal Identifier:	Analysis Date/Time
**	5M53688.	CAL BNA@50PPM	11/16/09 08:23	73	5M53689.	CAL BNA@2PPM	11/16/09 09:06
	5M53690.	CAL BNA@10PPM	11/16/09 09:28	4	5M53691.	CAL BNA@20PPM	11/16/09 09:50
ហ	5M53692	CAL BNA@80PPM	11/16/09 10:13	o,	5M53693.	CAL BNA@120PPM	11/16/09 10:35
7	5M53694,	CAL BNA@160PPM	11/16/09 10:57	යා	5M53695.	CAL BNA@196PPM	11/16/09 11:20
Compound Col	Col Mr Fil: RF1 RF2	-2 RF3 RF4 RF5	RF6 RF7 RF8	RF9 AvgRf RT	Corr1 Corr2	%Rsd Lvl	Calibration Level Concentrations Lvl1 Lvl2 Lvl3 Lvl4 Lvl5 Lvl6 Lvl7 Lv/8 Lvl9
Butvibenzylphthalate 1	1 0 Ava 0.8053 O.	5877 0.6674 0.6796 0.7	0.8053 0.5877 0.6674 0.6796 0.7791 0.7866 0.7965 0.8319	0.742 11.66	36 0.999 0.999	12 50	50,00 2,00 10,00 20,00 80,00 120,0 160,0 196,0
Endrin aldehyde	1 0 Avg 0.0521 0.	0454 0.0524 0.0516 0.0	0.0521 0.0454 0.0524 0.0516 0.0534 0.0529 0.0505 0.0542	0.0516 11.30 0.998	30 0.998 0.998	5.3 50	
4.4'-DDT	1 0 Avg 0.5215		0.4224 0.4496 0.5183 0.5195 0.5173 0.5539	0.500 11.74 0.998	74 0.998 0.999	9.3 50	50.00 10.00 20.00 80.00 120.0 160.0 196.0
Endrin ketone	1 0 Avg 0.0588		0.0513 0.0500 0.0588 0.0585 0.0581 0.0624	0.0569 12.21 0.997	21 0.997 0.998	7.9 50.00	
3.3'-Dichlorobenzidine '	0 Qua 0.4688 0	3517 0.4305 0.4248 0.4	0.4688 0.3517 0.4305 0.4248 0.4428 0.3895 0.3783 0.3604	0.406 12.26 0.991	26 0.991 0.999		50.00 <b>2.</b> 00 10.00 20.00 80.00 120.0 180.0 196.0
Benzolalanthracene	1 0 Avg 1.5282 1.	6220 1.5090 1.4780 1.5	1.5282 1.6220 1.5090 1.4780 1.5160 1.4730 1.4998 1.5245	1.52 12.28 1.00			
Chrysene	1 0 Avg 1.4393 1.	5574 1.4004 1.3523 1.4	1.4393 1.5574 1.4034 1.3523 1.4111 1.3450 1.3737 1.4454	1.42 12.	1.42 12.33 0.998 0.999	4.8 50	50.00 2.00 10.00 20.00 80.00 120.0 180.0 196.0
bis/2-Ethv(hexv1)ohthal;	1 0 Avg 0.9761 0.	8379 0.9190 0.9049 0.9	0.9761 0.8379 0.9190 0.9049 0.9977 0.9705 0.9696 1.0236	0,950 12.36	0.999		
Di-n-octvlohthalate '	1 0 LinF 1,7764 1.	0746 1.3551 1.4883 1.8	1.7764 1.0746 1.3551 1.4883 1.8183 1.8188 1.9142 1.9172	1.65 13.	1.65 13.11 0.998 0.999	19 */30) 50	2.00
Benzolbifluoranthene :	1 0 Avg 1.4115 1.	2298 1,2472 1,2521 1.4	.4115 1.2298 1.2472 1.2521 1.4221 1.3546 1.3520 1.4042	1.33 13.	1.33 13.50 0.999 0.999	50.00	200
Benzolkifluoranthene	1 0 Avg 1.3444 1.	4138 1.2794 1.2832 1.2	1.3444 1.4138 1.2794 1.2832 1.2561 1.2618 1.3296 1.2593	1.30 13.	1.30 13.53 0.998 0.998	4.2 50	2.00
Benzolalbyrene		1545 1.1949 1.1903 1.3	.2967 1.1545 1.1949 1.1903 1.3155 1.2575 1.3127 1.3048	1.25 13.	1.25 13.84 0.999 1.00	5.1 *(30) 50	50.00 2.00 10.00 20.00 80.00 120.0 150.0 196.0
Indeno[1.2,3-cdlpyrene 1	1 0 Avg 1.3797 1.	2062 1.2188 1.2052 1.3		1.30 15.0	1.30 15.05 0.999 0.999	5.8 50	
Dibenzola.hlanthraceni 1	O Avg	0513 1.0316 1.0450 1.1	1.1171 1.0513 1.0316 1.0450 1.1188 1.0623 1.1255 1.0696	1.08 15.0	.08 15.07 0.998 0.999	3.5 50	
Benzola h ilberylene	1 0 Avg 1.1323 1.	0915 1,0476 1,0518 1,1	1.1323 1.0915 1.0476 1.0518 1.1232 1.0476 1.1039 1.0462		.08 15.38 0.998 0.999	3.4 50	50.00 2.00 10.00 20.00 80.00 120.0 150.0 196.0

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	a - failed the spcc criteria	Flugs
•	spcc criteria	
-	* - ccc compound	

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a - failed the spec criteria \* - ccc compound
b - failed the ccc criteria \*\* - spec compound
Corr 1 = Correlation Coefficient for finear Eq.
Corr 2 = Correlation Coefficient for quad Eq.
c - failed the nitnimum correlation coeff criteria (if applicable) Fit = Indicates whether Avg RF, Linear, or Quadratic Curve was used for compound. Note: Avg Rsd: 8.56

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Page 1 of 3		7.74	Ava Rsd: 7	A THE RESERVE THE PROPERTY OF	Note:			Flags	7	
2.00 10.00 20.00 80.00 120.0 160.0 196.0	707.00	0.0	0.000	i	2004 0.0100	0,000		ļ	The state of the s	
10.00 20.00 80.00 120.0 150.0	20.00	0 N			3594 0 3703	3813 0 3541 0 3	0.3909 0.4576 0.3879 0.3762 0.3813 0.3541 0.3594 0.3703		2.4.6-Trichlorophenol 1	2.4.6-Tr
10.00 20.00 00.00 122.0 100.0	50.00		0.000		3674 O 3674	0 3228 0 3653 0 3506 0 3628 0 3674	0.3687 0.3756 0.3040 0.3228 0		Hexachlorocyclopentac 1	Hexach
0 0ct 00 0c 0c 00 0t	50.00	0	0 000		5106 0 6165	6338 0.6063 0.6	0.6990 0.7813 0,6696 0.6401 0.6338 0.6063 0.6106 0.6165		1.2.4.5-Tetrachloroben: 1	1.2.4.5
10 00 20 00 80 00	50.00	5	1.00	7.83	0527 1.0531	1091 1.0592 1.0	1.1136 1.2526 1.1008 1,0540 1.1091 1.0592 1.0527 1.0531	0 Avg 1.113	henví 1	1.1'-Biphenvl
10.00 20 00 80 00 120 0	50.00 2	8.0			7159 0.7383	7453 0.7131 0.3	0.7633 0.9023 0.7522 0.7309 0.7453 0.7131 0.7159 0.7383	0 Avg 0.763	Methylnaphthalenes (T 1	Methyln
10.00 20.00 80.00 120.0	50.00		0.999	-	7222 0.7453	7525 0.7123 0.	0.7654 0.9020 0.7521 0.7324 0.7525 0.7123 0.7222 0.7453	0 Avg 0.765	2-Methylnaphthalene 1	2-Meth
10.00 20.00 80.00 120 0 160 0	*(30) 50.00 ;		666.0 666.0	0.338 7.31	3341 0.3342	3408 0.3163 0.3	0.3477 0.3614 0.3365 0.3283 0.3408 0.3163 0.3341 0.3342	0 Avg 0.347	4-Chloro-3-methylphen 1	4-Chlor
10.00 20.00 80.00 120.0 160.0 196		7.3	0.992 0.997	0.134 7.23	1181 0.1202	1431 0.1324 0.	0.1442 0.1336 0.1375 0.1389 0.1431 0.1324 0.1181 0.1202		ctam	Caprolactam
10.00 20.00			6660 6660	0.179 7.01	1730 0.1765	0.1806 0.1797 0.1741 0.1730 0.1765	0.1884 0.1858 0.1747 0.1806 0.		Hexachlorobutadiene 1	Hexach
10.00 20.00 80.00 120.0	50.00 2	<u>~</u>	0.979 1.00	0.403 6.95		3797 0.3253 —	0.4323 0.4318 0.4185 0.4331 0.3797 0.3253		baniline 1	4-Chioroaniine
10.00 20.00 80.00 120.0 160.0	50.00	64	0.999 0 999	1.09 6.92	2307 1.0756	0899 1.0321 1	.1140 1.2463 1.0822 1.0469 1.0899 1.0321 1.0307 1.0756	L.	Hena	Bueigumen
10.00 20.00 80.00 120.0 160.0	50.00 2	5.6	0.998		0.3209 0.3398	3418 0.3237 0.	0.3519 0.3829 0.3534 0.3418 0.3418 0.3237		1.2.4-Inchioropenzene	1.2.4-11
160.0	*(30) 50.00 2		0.999 1.00		3009 0.3090	0.3039 0.2976 0.3009 0.3090	3065 0.3550 0.2987 0.2897 0.		Z.4-Dichlorophenol	Z.4~[J]G
2.00 10.00 20.00 80.00 120.0 160.0 195.0	50.00	O)	0.999		3845 0.4018	4098 0.4005 0.	.4143 U.4721 U.3906 U.3902 U.4098 U.4005 U.3845	, <sub>C</sub>	dls(2-Unjoroemoxymei i	0.27.0
	50.00	23	0.997 0.997		2869 0.3119	3030 0.2823 0.	0.2926 0.1526 0.2050 0.3030 0.2823 0.2869 0.3119		ACID	Benzoic Acid
10 00 20 00 80 00 120 0 160 0	50,00 2	42	0.999 0.999		3866 0.4033	3953 0 3796 0	4		24-Dineinvionenoi	24-UII
80.00 120.0 160.0	*(30) 50.00;		1.00 1.00	0.206 6.61	1927 0.1970	1973 0.1910 0.	. 1945 0.3012 0.1834 0.1915 0.1973 0.1910 0.1927 0.1970		menoi	2-Nitrophenoi
10.00 20.00 80.00 120.0 160.0	50.00	ω 0	0.999 0.999	0.761 6.54	7362 0.7493	0.7551 0.7316 0.7362	0.8046 0.7962 0.7745 0,7419 0.	0	one 1	Isophorone
10.00 20.00 80.00 120.0	50.00	ထ သ	0.998 0.999		3770 0.3988	3957 0.3810 0.:	0.4044 0.4807 0.3792 0.3962 0.3957 0.3810 0.3770 0.3988		nzene 1	Nitrobenzene
5.00 10.00 40.00 60.00	25.00	12	0.996 0.997		1656 0.1810	0.1826 0.1729 0.1656 0.1810	1.1747 0.2297 0.1646 0.1687 0.		Nitrobenzene-d5 1	Nitrobe
10.00 20.00 80.00 120.0 160.0	50,00 2.00	45	0.997 0.998	1	1.4116 1.4229	1.3955 1.2782 1.	4456 1.4928 1.4394 1.3802 1		3&4-Methylohenol 1	38.4-ME
10.00 20.00 80.00 120.0 160.0	**(0.050) 50.00 ;	58	0.998 0.999		1.1389 1.1383	1361 1.0569 1.	1.1549 1.2397 1.2489 1.0852 1.1361 1.0569		N-Nitroso-di-n-oropyla 1	N-Nitro:
10.00 20.00 80.00 120.0 160.0	50.00	7.5	0.997 0.999		0.5877 0.6175	0.5974 0.5608 0.	0.5935 0.7084 0.6232 0.5748 0.	_	Hexachloroethane 1	Hexach
10.00 20.00 80.00 120.0 160.0	50.00	6.2			2.3140 2.3251	2.3050 2.1060 2.	.2776 2.6155 2.2436 2.2502 2.		nenone 1	Acetophenone
10.00 20.00 80.00 120.0 160.0	50.00	0. 0.		_	1.3140 1.3198	2719 1.2217 1.	.3639 1.4717 1.3698 1.2749 1.2719 1.2217		2-Methylphenol 1	2-Meth
10.00 20.00 80.00 120.0 160.0	50,00 2.00	6.6	0.998	]	1.6240 1.6550		5894 1.8828 1.7533 1.6665 1.6465	Avg_1	bis(2-chlorcisopropyl)ei 1	bls(2-cl
2.00 10.00 20.00 80.00 120.0 160.0	50.00	7.9			0.9688 0.9860	0.8869	0.9581 1.1343 1.0160 0.8961 0.9591	0 Avg 0.95	alcohol 1	Benzvi alcohol
2.00 10.00 20.00 80.00 120.0 160.0	50.00		0.998	-	1.4205 1.4747	1.3282	1.5117 1.6414 1.5276 1.4500 1.4403	Avg	1.2-Dichlorobenzene 1	1.2-Dic
10.00 20.00 80.00 120.0 160.0	*(30) 50.00		0.999		5311 1.5804	5560 1,4601 1,5311	.5746 1.7152 1.5796 1.4985 1.5560	0 Avg 1.57	.4-Dichlorobenzene 1	1.4-Dic
10.00 20.00 80.00 120.0 160.0	50.00	7.6	0.998		4691 1.5091		18 1.7932 1.5874 1.4758 1.5454 1.4036 1.4691	0 Avg 1.5218	.3-Dichlorobenzene 1	1.3-Dic
2.00 10.00 20.00 80.00 120.0 160.0	50.00 2.00	တိ	0.997		1.3989 1.5019		.5202 1,6309 1,4286 1,4121 1,4156 1.3363	0 Avg 1.52	ne1	N-Decane
2.00 10.00 20.00 80.00 120.0 160.0 196	50,00		0,998	- "	1.4203 1,4736		.4826 1.5275 1.4583 1.3515 1.4048	0 Avg 1.48	2-Chlorophenol	2-Chlor
2.00 10.00 20.00 80.00 120.0 160.0	*(30) 50.00 :		0.996		1.9713 1.9826	1.6502	.8310 2.0294 1.7377 1.7438 1.7865	0 Avg 1.83		Phenol
10.00 20.00 80.00 120.0 160.0	50.00	Ω̈́	0.998		1.8240 1.8113		43 1.7395 1.7669 1.6317 1.	0 Avg 1.7743	65	Phenol-d5
10.00 20.00 80.00 120.0 160.0	50.00 2.00	රු		•	1.2328 1.2838	.2763 1.1914 1.	.3019 1.4791 1.3180 1.2214 1.2763 1.1914	1 0 Avg 1.30	bis(2-Chloroethy)ether 1	bis(2-C
2.00 10.00 20.00 80.00 120.0 160.0	50.00 2.00	ion N	0.998		5925 0,6252	5883 0.5669 0.	<u>0.6259 0.5482 0.6363 0.5833 0.5883 0.5669 0.5925 0.6252</u>	Ì	Pentachloroethane 1	Pentac
2.00 10.00 20.00 80.00	50.00	8	0.997		1.9745 1.9027	.0881 1.8173 1.	2.1003 2.3678 2.1876 1.9395 2.0881 1.8173	1 0 Avg 2.10		Aniline
2.00 10.00 20.00 80.00 120.0	50.00	ယ္ထ		,			1.2117 1.7331 1.3143 1.2495 0.9277 0.5887		dehvde 1	Benzaldehvde
2 00 10 00 20 00 80 00 120 0 160 0	50.00	9		1.24 4.71	1.2527 1,3359	.2583 1.1560 1.	.2643 1.3958 1.1700 1.1126 1.2583	1 0 Avg 1.26	2-Fluorophenol 1	2-Fluor
2.00 10.00 20.00 80.00 120 n 160 n	50.00	ង	4	0.773 3.13	8046 0.8086	8014 0.7353 0.	0.7134 0.7737 (		N-Nitrosodimethylamin 1	Z-Nitro
2.00 10.00 20.00 80.00 120 0 160 0 196 o	50.00	ਹੌ	0.997 0.998	1.25 3.19	1 3076 1 3951	1 3533 1 2671 1	0.8233 1.1213 1.3262	1 0 Avg 1.3747		Pyridine
Calibration Level Concentrations  Lvl2 Lvl3 Lvl4 Lvl5 Lvl6 Lvl7 Lvl8 Lvl9	LVI	%Rsd	Corr1 Corr2 '	AvgRf RT	RF7 RF8 RF9	RF5 RF6 R	RF2 RF3 RF4	Mr Fit: RF1	und Col	Compound
TROCO BANK		Ş	Construction of the constr		Trid wassesses					
11/16/09 10:55	CAL BUAGO 100BBM		9M21694.		11-18			9M21695	7	
11/16/09 10:08		22	9M21692.	4.6	10:33	11/16/09 09:45	·	EDST CWG	თ დ	ű
11/16/09 09:22	Mdd	CAL	9M21690.		08:59	11/16/09 08:59	CAL BNA@50PPM	9M21689	د ن	in diam
\nalysis Date/Time	Cal Identifier: A	Callo	Data File:	Level #:	le/Time	Analysis Dai		Data File	Level #:	( ) f
							:			prins III

a - failed the spec criteria \*- ecc compound
b - failed the ecc criteria \*- ecc compound
c - failed the ninimum correlation coeff criteria(if applicable)
| Corr 1 = Correlation Coefficient for finear Eq.
| Corr 2 = Correlation Coefficient for quad Eq.
| Corr 2 = Correlation Coefficient for quad Eq.
| Corr 2 = Correlation Coefficient for finear Eq.
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| Correl

Corr 1 = Correlation Coefficient for linear Eq. Corr 2 = Correlation Coefficient for quad Eq. Fit = Indicates whether Avg RF, Linear, or Quadratic Curve was used for compound.	iq. J. Duadratic Curve wo	cient for linear L cient for quad E RF, Linear, or (	Corr 1 = Correlation Coefficient for linear Eq. Corr 2 = Correlation Coefficient for quad Eq. Fit = Indicates whether Avg RF, Linear, or Qu.		failed the spec criteria *- cce compound failed the ccc criteria **- spec compound failed the minimum correlation coeff criteria(if applicable)	falled the spec criteria failed the coe criteria failed the minimum correla	a - failed the spec criteria b - failed the ccc criteria c - failed the minimum cc	
Page 2 of 3	7.74	Avg Rsd: 7.		Note:	en er er er er er er er er er er er er er		Flags	
2.00 10.00 20.00 80.00 120.0 160.0	7.2 5	0.998 0.999	0.607 11.96	37 0.5878 0.6203	0.6208 0.7034 0.5764 0.5707 0.6042 0.5737 0.5878 0.6203	6208 0.7034 0.57	Ava	3.D'-DDD
2.00 10.00 20.00 80.00 120.0 160.0		0.998 0.998	0.0998 11.91	37 0.0973 0.1016	0.1010 0.1120 0.0889 0.1006 0.0937 0.0973 0.1016	0.1030 0.1010 0.11		=ndrin
2 00 10 00 20 00 80 00 120 0		566 U 866 C	- 0.355 11.57	87 0.3526 0.3525	0.3635 0.4312 0.3507 0.3123 0.3482 0.3287 0.3526 0.3525	3635 0.4312 0.35	A i	
25 00 1 00 5 00 10 00 40 00 60 00 80 00 98 00	67	0.701 0.352	· 1.007 11.00	04 1 1043 1 1582	1 1395 1 2805 1 0489 1 0594 1 0918 1 0704 1 1043 1 1582	1395 1.2805 1.04	1 0 Ava 1	Terphenyl-d14
2,00 10,00 20,00 80,00		0.999 0.999	- 1.64 11.45 0.998 0 £87 14 33 0 781	03 1.6185 1.6627	1,7001 1,7920 1,5910 1,5534 1,6693 1,5603 1,6185 1,6627 1,6763 1,7953 1,7404 1,6693 1,4876 1,7966 1,7968	7001 1.7920 1.58	Avg	Portidino
2.00 10.00 20.00 80.00 120.0 160.0 196	(30)	1.00	1,31 11,18	48 1.2343 1.2222	1,4989 1,3784 1,3004 1,2871 1,2148 1,2343 1,2222	1.3121 1.4989 1.37	Avq	Eluoranthene
10.00 20.00 80.00 120.0 160.0		0.999 0.999	1.58 10.45	49 1.5624 1.5198	1.6235 1.5330 1.5617 1.4849 1.5624 1.5198	1.5986 1.7197 1.62	Ava	Di-n-butylohthalate
2.00 10.00 20.00 80.00 120.0 160.0		666'0 666'0	- 1,19 10.07	45 1.1773 1.1422	1.2445 1.2427 1.1708 1.2220 1.1799 1.1345 1.1773 1.1422	2445 1.2427 1.17		Carbazole
2.00 10.00 20.00 80.00 120.0 160.0		0.999	1.25 9.91	12 1 1934 1 1775	1.2594 1.2208 1.2238 1,1612 1.1934 1.1775	1.2784 1.4777 1.29	Avg :	Anthracene
2,00 10.00 20.00 80.00 120.0 160.0	Š	0.999	1.22 9.85	11 1.1770 1.1488	1.2550 1.3812 1.2651 1.2101 1.1862 1.1311 1.1770 1.1488	1.3812	Ava	Phenanthrene
50.00	7.2 "(30) 5	2 666'0 666'0 3 666'0 666'0	- 0.137 9.61	99 0.3626 0.3394 71 0.1438 0.1425	0.3674 0.3344 0.3335 0.3416 0.3683 0.3338 0.3620 0.3384 0.1469 0.1184 0.1302 0.1418 0.1371 0.1438 0.1425	0.1469 0.11	1 0 Ava 0	Pentachlorophenol
2.00 10.00 20.00 80.00 120.0 160.0		0.999	0.1949.41	54 0.1921 0.1897	0.2038	2038 0.1943 0.19	Avg	Hexachiorobenzene
2.00 10.00 20.00 80.00 120.0 160.0 196		0,999	0.217 9.34	17 0.2134 0.2056	0.2183 0.2674 0.1995 0.2195 0.2089 0.2017 0.2134 0.2056	2183 0.2674 0.19	1 O Avg	4-Bromophenvi-phenvi
2.00 10.00 20.00 80.00 120.0 160.0		0.999	- 0.895 9.00	57 0.8845 0.8748	0.9093 0.9333 0.9178 0.9003 0.8975 0.8457 0.8845 0.8748	9093 0.9333 0.91	1 0 Avg	1.2-Diphenvlhydrazine
10.00 20.00 80.00 120.0 160.0		1	. 0.0728 9.09	13 0 0778 0 0730	0.0791 0.0537 0.0764 0.0775 0.0730 0.0713 0.0778 0.0730	0791 0.0537 0.07	1 0 Avg	2.4.6-Tribromophenol
2.00 10.00 20.00 80.00 120.0	*(30)	0.999	- 0.732 8.96	93 0.7221 0.6994	0.7670 0.8123 0.7400 0.7137 0.7239 0.6793 0.7221 0.6994	7670 0.8123 0.74	1 0 Avg	n-Nitrosodiphenylamine
10.00 20.00 80.00 120.0 160.0		0.998	0.142 8.89	14 0 1522 0 1494	0.1201 0.1347 0.1557 0.1414 0.1522 0.1494	0.1429 0.12	1 0 Avg	4.6-Dinitro-2-methylphe
2.00 10.00 20.00 80.00 120.0 160.0	5.63	0.998	0.465 9.49	07 0.4350 0.4579	0,4851 0,4557 0,5095 0,4691 0,4636 0,4407 0,4350 0,4579	4851 0.4557 0.50	Avg	Atrazine
2 00 10 00 20 00 80 00 120 0 160 0		866 0	- 0.369.8.86	09 0 3455 0 3574	0.3928 0.3774 0.3857 0.3656 0.3762 0.3509 0.3455 0.3574	3928 0 3774 0 38	1	4-Nilroaniline
50.00 2.00 10.00 20.00 80.00 120.0 160.0 196.0	ю ~ 	2 666 U 666 U	4 57 8 77	02 1 4450 1 4736	7.5434 7.777 7.5599 8.5599 8.5509 8.5197 7.5600 8.5159 7.5485 1.8335 1.5173 1.4586 1.4669 1.4100 1.4450 1.4736	8485 1 8335 1 51		Districtorialists
2,00		0.999	- 1.43 8.86	4/ 1.34/6 1.3948	1.4905 1.5145 1.4052 1.4427 1.4304 1.3347 1.3476 1.3948 0.6434 0.7547 0.6350 0.6550 0.6300 0.6467 0.6060 0.6480	4905 1.6145 1.40	D AVG	rluorene
2.00 10.00	: UT	200	- 0.324 8.64	09 0.3188 0.3195	38 0.3225 0.3384 0.32	3439 0.2864 0.34	1 0 Avg	2.3.4.6-Tetrachlorophe
2.00 10.00 20.00 80.00 120.0 160.0	**(0.050)	0.999	0.276 8.41	85 0.2757 0.2861	0.2853 0.2636 0.2723 0.2869 0.2730 0.2685 0.2757 0.2861	2853 0.2636 0.27	1 0 Avg	4-Nitrophenol
2.00 10.00 20.00 80.00 120.0 150.0		0.999	- 0.429 8.50	04 0 4307 0 4305	91 0.4219 0.4157 0.41	4488 0.4831 0.38	1	2.4-Dinitrotoluene
2.00 10.00 20.00 80.00		_	1.70 8.53	55 1.6341 1.6755	1.7764 1.7716 1.8019 1.6906 1.6551 1.6255 1.6341 1.6755	7764 1.7716 1.80	Avq	Dibenzofuran
10.00 20.00 80.00 120.0 160.0	**(0.050)	0.999	0.189 8.38	28 0.1988 0.2012	0.1385 0.1771 0.2002 0.1928 0.1988 0.2012	0.2111 0.13	=	2.4-Dinitrophenol
2.00 10.00 20.00 80.00 120.0 160.0	1000	0.998	0.303 8.29	20 0.2694 0.2495	0.3421 0.3114 0.3339 0.3348 0.3137 0.2720 0.2694 0.2495	3421 0.3114 0.33	Avo	3-Nitroaniline
50 00 2 00 10 00 20 00 80 00 120 0 160 0 196 0	*(30)	0 999	1 26 8 38	84 1.2143 1 2472	1.2851 1.3427 1.2985 1.2484 1.2290 1.1884 1.2143 1.2472	2851 1.3427 1.29	Ava	Acenaphthene
2.00 10.00 20.00 00.00 120.0 160.0	n C	2 7 900	0316814	62 0 3040 0 3172	0.3301 0.3537 0.3402 0.3090 0.3071 0.3962 0.3040 0.3172	3301 0 3537 0 31	A S	2 6-Dinitrotoluene
10.00 20.00 80.00		100 100 s	1.97 8.22	54 1.8785 1.9447	2.0309 2.0940 2.0209 1.9754 1.9699 1.8654 1.8785 1.9447 1.4570 1.5786 1.4576 1.4513 1.3046 1.3534 1.3646 1.3873	0309 2.0940 2.02 4570 1 5786 1 45	1 0 Avg 2	Acenaphthylene
2.09 10.00 20.00 80.00 120.0 160.0		1,00	0.506 7.93	30 0.4890 0.4877	0.5084 0.5887 0.4983 0.5109 0.4911 0.4730 0.4890	5084 0.5887 0.49		2-Nitroaniline
2.00 10.00 20.00 80.00 120.0 160.0		0.999	0.980 7.92	64 0.9618 0.9586	1.0273 0.9957 1.0175 0.9992 0.9555 0.9264 0.9618 0.9586	0273 0.9957 1.01		Diphenvl Ether
2.00 10.00 20.00 80.00	4.9	0.999	1.26 8 14	10 1 2092 1 2344	1.3746 1.2772 1.2869 1.2390 1.1710 1.2092 1.2344	1.2994 1.3746 1.27	1 0 Avg	Dimethylnaphthalenes
10,00 20.00 80.00 120.0 160.0	4.9	0.999	1.26 8.14	10 1.2092 1.2344	1.2994 1.3746 1.2772 1.2869 1.2390 1.1710 1.2092	2994 1.3746 1.27	1 O Avg	1.4-Dimethvlnaphthale
2.00 10.00 20.00 80.00 120.0 160.0	7		- 1.20 7.86	80 1.1379 1.1582		1.4433	1 0 Ava	2-Chloronaphthalene
50.00 2.00 10.00 20.00 80.00 120.0 160.0 196.0 25.00 1.00 5.00 10.00 40.00 60.00 80.00 98.00	7 7	0.999 1.00 5	0.408 7.71	0.3884 0.3972 0.4050 1.3240 1.3400 1.3684	0.4557 0.4263 0.3876 0.3931 0.3884 0.3972 1.5490 1.3753 1.3792 1.3912 1.3240 1.3400	0.4117	1 0 Ava	2.4.5-Trichlorophenol 2-Fluorobiphenyl
LVI1 LVI2 LVI3 LVI4 LVI5 LVI6 LVI7 LVI8 LVI9	%Rsd L	Corr2	AvgRf	RF7 RF8 RF9	RF4 RF5 RF6	RF2	Col Mr Fit:	Compound
Calibration Level Concentrations		- WARRANCE STORY	the many of the street property and the street of the stre	The state of the s	And a constant of the constant	The state of the s		
1	CAL BNA@196PP	•	σ.	11/16/09 11:18			9M21695,	7
11/16/09 09:22 Л 11/16/09 10:08 М 11/16/09 10:55	CAL BNA@20PPM CAL BNA@120PPM	9M21692. 9M21692. 9M21694.	M 4 (0	11/16/09 08:59 11/16/09 09:45 11/16/09 10:32	CAL BNA@80PPM 11/11  CAL BNA@80PPM 11/11		9M21689 9M21691 9M21693	ur w -
≽	Cal Identifier		Level#:	Analysis Date/Time		APPARENT TO SOME	Data File	Level#
				A man a constraint				

(*) Level #: Data File: Cal Identifier Analysis Date/Time   evel #: Data	Data File: Call Mantifian	Applicie Dato Timo
1 9M21689. CAL BNA@50PPM 11/16/09 08:59 2		***************************************
9M21691. CAL BNA@10PPM 11/16/09 09:45 4		<u>~</u>
11/16/09 10:32 6	_	<u></u>
9M21695. CAL BNA@160PPM 11/16/09 11:18 8	~	
RF9 AvgRf RT	T Corrl Corr2 %Rsd	Calibration Level Concentrations Lvi1 Lvi2 Lvi3 Lvi4 Lvi5 Lvi6 Lvi7 Lvi8 Lvi9
Hate 1 0 Avg 0.8992 0.9213 0.8224 0.8213 0.8795 0.8452 0.8505 0.8973 0.867 12.22	2.22 0.998 0.999 4.3	50.00 2.00 10.00 20.00 80.00 120.0 160.0 196.0
idehvde 1 0 Avg	0.999	10.00 20.00 80.00 120.0 160.0
1 U Avg 0.5779 0.6168	2.32 0.998 0.998 7.1	2.00 10.00 20.00 80.00 120.0 160.0
Endith Retone 1 0 Avg 0.9582 0.0355 0.0540 0.0554 0.0563 0.0577 0.0527 12.82 0.998	0.999	10.00 20.00 80.00 120.0 160.0
1 0 Avg 1.5250 1.7189 1.4111 1.4227 1.4467 1.3608 1.3837 1.4091 1.46 12.8:	2.87 0.999 0.999 7.9	50.00 2.00 10.00 20.00 80.00 120.0 160.0 196.0
1 0 Avg 1.4227 1.5741 1.3263 1.3092 1.3477 1.2480 1.2605 1.2827 — 1.35 12.92	0.999	10.00 20.00 80.00 120.0 160.0
thal. 1 0 Avg 1.2675 1.5178 1.2231 1.1625 1.2172 1.1902 1.2132 1.2829	0.999	10.00 20.00 80.00 120.0 160.0
1 0 Avg 2		10.00 20.00 80.00 120.0 160.0
1 0 Avg 1.4114 1.4828 1.3947 1.3982	0.999	50 00 2.00 10.00 20.00 80 00 120 0 160 0 196 0
thene 1 0 Avg 1.4090 1.4603 1.2064 1.2481 1.3305 1.2221 1.2251 1.1990 1.29 14.12		50.00 2.00 10.00 20.00 80.00 120.0 160.0 196.0
1.28 14.46 1.3294 1.4625 1.2138 1.269/ 1.27/4 1.1981 1.2419 1.2284 1.28 14.46	0.999	10.00 20.00 80.00 120.0 160.0
1.26 15.89 1.300/ 1.3/29 1.3345 1.2439 1.2364 1.1690 1.1883 1.2384 1.26 15.89	0.998	10.00 20.00 80.00 120.0 160.0
m 1 0 Avg 1		10.00 20.00 80.00 120.0 160.0
Benzola h liberviene 1 0 Avg 1.0615 1.1287 1.0756 1.0314 1.0175 0.9666 0.9481 1.0141 1.03 16 29 0.997		10.00 20.00 80.00 120.0 160.0

a - failed the spec criteria	Flugs	
succ criteria	•	
* !		

C....

Avg Rsd: 7.74

a -failed the spec criteria \*- ece compound
b -failed the ece criteria \*\*- spec compound
Corr 1 = Correlation Coefficient for linear Eq.
b -failed the ninimum correlation coeff criterially applicable Fit = Indicates whether Avg RF, Linear, or Quadratic Curve was used for compound. Note:

Page 1 of 3					The state of the s	3
		8 I		C C C C C C C C C C C C C C C C C C C	4.7.0-   (KENSTEEN MICH. )	j.
2.00 10.00 20.00 80.00 120.0 160.0		0.996 1.00 5.9		0.3704 0.3945 0.3508 0.3512 0.3662 0.3675 0.3973 0.4099	1 0 Ava	٠:
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10.00 20.00 80.00 120.0 160.0		1.00	7.13	1.0638 1.2712 1.0411 1.0541 1.0608 1.0827 1.1310 1.1483	1 0 Ava	<u> </u>
20.00 80.00 120.0 160.0		1.00	•	0.7323 0.9089 0.6909 0.7105 0.7228 0.7312 0.7658 0.7806	T 1 0 Avg	Z i
10.00 20.00 80.00 120.0 160.0	A A PARTY A STREET A	1.00	-	0.7323 0.9089 0.6909 0.7105 0.7228 0.7312 0.7658 0.7806	1 0 Ava	Ņ
2.00 10.00 20.00 80.00 120.0 160.0	*(30)	0.999 1.00 3.8		0.3249 0.3543 0.3251 0.3137 0.3220 0.3217 0.3361 0.3342	ethylphen 1 0 Avg	į.
10.00 20.00 80.00 120.0 160.0		1.00		0.1243 0.1423 0.1139 0.1244 0.1232 0.1265 0.1311 0.1307	1 0 Avg	Ω ·
10.00 20.00 80.00 120.0 160.0	*(30)	1.00	•	0.2538 0.1994 0.1993 0.2022 0.1993 0.2069 0.2129	diene 1 0 Avg 0.2022	Ţ.
10.00 20.00 80.00 120.0 160.0		1.00		0.3231 0.2870 0.3096 0,3455 0.3300 0.3075 0.2839	ne 10 Qua	<u>~</u> [
10.00 20.00 80.00 120.0 160.0	W. 112-14-11-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-	00.1	,	1.0429 1.2855 1.0528 1.0275 1.0400 1.0310 1.0807 1.1130	1 0 Ava	z
10.00 20.00 80.00 120.0 160.0				0.3517 0.4167 0.3385 0.3432 0.3523 0.3465 0.3682 0.3728	ene 1 0 Avg	<u>.</u> .
50.00 2.00 10.00 20.00 80.00 120.0 160.0 196.0	<b>~</b> (30) 50.	0.969 1.00 6.9	0.312 6.15 (	0.3070 0.3558 0.2863 0.2930 0.3083 0.3051 0.3189 0.3250	1 0 Avg	N
2.00 10.00 20.00 80.00 120.0 160.0	50.00	0.998 1.00 7.6	0.392 6.07 (	0.3808 0.4612 0.3715 0.3741 0.3762 0.3786 0.3903 0.4058	bis(2-Chloroethaxv)mei 1 0 Avg 0.3808 0.461	<u></u>
00 10.00 20.00 80.00 120.0 160.0 196.0	50.00	0.999 1.00 17	0.233 6.09 (	0.1588 0.1991 0.2415 0.2595 0.2630 0.2661	1 0 Qua 0.2442	ဏ္ဍ
50,00 2.00 10.00 20.00 80.00 120.0 160.0 196.0	50,	0 998 1.00 5.4	0.368 6.00 (	0.4048 0.3433 0.3526 0.3597 0.3563 0.3760 0.3858	menol 1 0 Avg 0.3658	N
	*(30)	0.998 1.00 5.4	0.198 5.96 0	0.2083 0.1920 0.1787 0.1961 0.1943 0.2065 0.2115	ol 1 0 Avg 0.1955	Ņ
50.00 2.00 10.00 20.00 80.00 120.0 160.0 196.0	50.	0.999 1.00 5.6	0.677 5.90 (	0.7646 0.6530 0.6610 0.6479 0.6560 0.6845 0.6845	1 0 Avg 0.6630	S
10.00 20.00 80.00 120.0 160.0		99	5.71	0.4134 0.3555 0.3580 0.3531 0.3509 0.3747 0.3812	1 0 Avg 0.3655	Z
80.00		0.999 1.00 5.1	0.166 5.69 0	0.1771 0.1568 0.1525 0.1618 0.1673 0.1724 0.1722	1 0 Avg 0.1642	Z.
10.00 20.00 80.00 120.0	CONTRACTOR OF THE PARTY OF THE	0.999 1.00 4.7	Γ.	1,2906 1,2752 1,2521 1,3053	1 0 Avg	35
50.00 2.00 10.00 20.00 80.00 120.0 160.0 196.0	**(0.050) 50.	0.999 1.00 6.2	1.03 5.58 C	0.9954 0.9805 0.9816 1.0259	pvla 1 0 Avg	~
10.00 20.00 80.00 120.0 160.0	50.	1.00	0.581 5.64 1	0.5738 0.5642 0.5602 0.5818 0.5831	ane 1 0 Avg 0.5700	Ŧ
10.00 20.00 80.00 120.0 160.0	50.	1.00		2.1195 2.1910 2.1611 2.2253 2.3265	1 0 Avg 2,2001	ا ج
10.00 20.00 80.00 120.0 160.0		1.00	1.25 5.46 C	1.2256 1.2211 1.1873 1.2366 1.2576	1 0 Avg 1.1723	Ņ
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10.00 20.00 80.00 120.0 160.0		1.00	ψ,	0.8327 0.8407 0.8327 0.8934 0.9180	1 0 Avg 0.8477	<u>,</u>
10.00 20.00 80.00 120.0 160.0		1.00		1.4752 1.3686 1.4182 1.4499 1.4978	1 0 Avg 1.4006	
10.00 20.00 80.00 120.0 160.0	*(30)	1.0		1.5548 1,5054 1,4896 1,4957 1,5447	1 0 Avg 1.4745	
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10 00 20 00 80 00 120 0 160 0	50.	1	1	1,1588 1,1858 1,2085 1,2029 1,2868	1 0 Avg 1.1726	7
10.00 20.00 80.00 120.0 160.0	50.	1.00		1,3027 1,3147 1,3127 1,3883 1,4006	ophenol 1 0 Avg 1.3130	Ŋ
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10.00 20.00 80.00 120.0 160.0	50.	ψ.		1.3368 1.1959 1.1793 1.0994 1.1205 1.1499 1.1518	ther 1 0 Avg 1,0922	5
10,00 20.00 80.00 120,0 160,0	50.	1.00	-	0.5593 0.6766 0.5719 0.5499 0.5724 0.5958 0.5965 0.5917	hloroethane 1 0 Ava	ב ש
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2.00 10.00 20.00 80.00 120.0 160.0	50,00	7 (	2.09	0.7082 0.7027 0.6943 0.7298 0.7438	N-Nitrosodimethylamin 1 0 Avg 0.7144 0.6255	7 0
00 7 00 10 00 20 00 80 00 120 0 160 0 196 0	50.	8.5 566 U 866 U	1 28 2 44 0	1 1 1 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	3 0 0 0	9
Calibration Level Concentrations Lvl2 Lvl3 Lvl4 Lvl5 Lvl6 Lvl7 Lvl8 Lvl9	id LVII	Con1 Corr2 %Rsd	AvgRf RT C	RF3 RF4 RF5 RF6 RF7 RF8 RF9	Compound Col Mr Fit: RF1 RF2	ဂ္ဂ ၂
12/14/09 12:11 12/14/09 11:27	CAL BNA@120PPM	•	 	<u>~</u>		
12/14/09 14:02 12/14/09 13:18	AL BNA@20PPM	10M09020. CAL 10M09018. CAL		CAL BNA@50PPM 12/14/09 13:40 CAL BNA@10PPM 12/14/09 13:40	1 10M09017. 3 10M09019.	va
Analysis Date/Time	Cal Identifier:	1	*	Analysis Date/Time	Level #: Data File: C	PC:
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Note: Avg Rsd: 8.38

Page 1 of 3

**BZB1** 

Level#:	Data File:	Cal Identifier:	Analysis Date/Time	Level#:	Data File:	Cal Identifier:	Analysi	Analysis Date/Time	
~ 52 63	10M09017 10M09019 10M09016 10M09014	CAL BNA@50PPM CAL BNA@10PPM CAL BNA@80PPM CAL BNA@160PPM	12/14/09 12:56 12/14/09 13:40 12/14/09 12:34 12/14/09 11:49	01 <b>4</b> 00 00	10M09020. 10M09018. 10M09015. 10M09013.	CAL BNA@2PPM CAL BNA@20PPM CAL BNA@120PPM CAL BNA@196PPM	S. S.	12/14/09 14:02 12/14/09 13:18 12/14/09 12:11 12/14/09 11:27	
Compound Co	Col Mr Fit: RF1 R	RF2 RF3 RF4 RF5	RF6 RF7 RF8 R	RF9 AvgRf RT	Corr1 Corr2	%Rsd	Ca LVI1 LVI2	alibration Level Concentrations	encentrations Lvl6 Lvl7 Lvl8 Lvl9
2.4.5-Trichlorophenol 2-Fluorobiphenyl	1 0 Avg 0.4084 0. 1 0 Avg 1.3432 1.	0.4084 0.4401 0,3765 0,3889 0.39 1,3432 1,5143 1,3236 1,3484 1,34	0.3968 0.3964 0.4219 0.4360 1.3414 1.3208 1.4013 1 4256	0,408 7.03	0.997 1.00	5.6	2.00	10.00 20.00 80.00	0
2-Chloronaphthalene	1.1669	1.1015 1.1608		1 107 14	۔ د	* . ≠ n · o	2 0		60.00 80.00
1.4-Dimethylnaphthalei	1.2424	1.1803 1.2242	1.2339 1.2418 1.3217 1.3538	1,30 7.40	0.998 1.00	9.40	50.00 2.00	10.00 20.00 80.00	120.0 160.0
Dimethylnaphthalenes	1	1.1803 1.2242		1,30,7,40	<u>Ļ</u> .	9.4	200	20.00	120.0
Diphenyl Ether		0.9420 0.9707		1.00 7.21	0	6.2	2.00	10.00 20.00 80.00	120,0 160.0
4-Nitroanline	0.4196	.3377 0.3278 0.4095 0.40	0.4055 0.3252 0.3304 0.3379	D.362 7.23	0	12			120.0 160.0
Dimethylphthalate	1 0 Avg 1.9428 2.2300	4.4300 1.0043 1.8983 1.8783 1.8948 2.0245 2.0893 1.7019 1.3870 1.3343 1.3380 1.3414 1.4001 1.4344	90 1.8848 2.0246 2.0893	1.98 /.4/	٠ د	, co	2.00	20.00	120.0 160.0
2.6-Dinitrotoluene	ļ	0,3234 0,3693 0,3105 0,3157 0,3097	0.3105 0.3157 0.3097 0.3086 0.3290 0.3341	0.325 7.42	0,1998 0 998 0	ઝ ο. ∨ α	50.00 2.00	10.00 20.00 80.00	120.0 160.0
Acenachthene		.4679 1.1815 1.1912 1.2238		1.26 7.62	1.00	7.5 *(30)	2.00	10.00 20.00 80.00	0 120 0 160 0 196 0
> ADinitronhenol	1 0 AVG 0.2888 0.	0.2888 0.2978 0.2697 0.2837 0.2762	0.2724 0.2590	0.276 7.56	0.999		2.00	10.00 20.00 80.00	120.0 160.0
Dibenzoturan			19 1.6947 1.8115 1.8502	1.78 7.77	0.997 100	9.1	50.00 3 nn	10.00 20.00 80.00	120.0 160.0
2.4-Dinitrotoluene	0.4350	3902 0.3925 0.4250 0.4255	0.4329 0.4638	0.429 7.76	1.00	<b>6</b> г.	2.00	10 00 20 00 80 00	
2.3,4.6-Tetrachlorophe	1 0 Avg 0.3637 0.3381	0.3281 0.2904 0.3221 0.3327	/5	0.176 7.71	0.696 0.999	13 **(0.050)	200	20.00	120.0 160.0
-luorene		6243 1.3728 1.4071 1.444	1.3728 1.4071 1.4447 1.4454 1.5402 1.5574	1.48 8.07	1.00	5.7	50.00 2.00	10.00 20.00 80.00	0 120.0 160.0 196.0
1-Chlorophenyl-phenyle	۰,٥	8620 0.6856 0.7029 0.706	0.6856 0.7029 0.7067 0.7118 0.7585 0.7667	0.740 8.07	1.00	7.6	2.00	20.00	120.0 160.0
1-Nitroaniline	1 0 Avg 0.3480 0.3435	0.3435 0.3218 0.3283 0.331		0 333 8 00	0.999 1.00	3 0 4	2.00		120.0 160.0
Atrazine	0.4636	0.5786 0.4773 0.4756 0.4600 0.4775 0.4830 0.5006	0 0.4775 0.4830 0.5006		1.00	7.8	50.00 2.00	10.00 20.00 80.00	0 120.0 160.0 196.0
1.6-Dinitro-2-methylphe	0.1404	0.0836 0.1136 0.140	0.0836 0.1136 0.1401 0.1527 0.1605 0.1598		1.00	21		20.00	120.0 160.0
2.4.6-Tribromophenol	1 0 Avg 0.1198 0.	0.7198	15 0.7012 0.7499 0.7301		0.999	5.3 *(30)	200	20.00	120.0 160.0
1.2-Diphenvlhydrazine	ĺ	0.7580 0.8250 0.7158 0.7488 0.7432 0.7315 0.7869 0.7730	32 0.7315 0.7869 0.7730	0.760.8.21	0 999 0 999	<u> </u>		20.00	120.0 160.0
1-Bromonhenvi-nhenvi		0.2494 0.2753 0.2375 0.2477 0.2472 0.2469 0.2629 0.2644	<sup>7</sup> 2 0.2469 0.2629 0.2644		1.00	4.9	200	10 00 20 00 80 00	0 120 0 160 0 196 0
dexachlorobenzene		0.2622 0.3012 0.2510 0.2596 0.2564 0.2556 0.2756 0.2713	34 0.2556 0.2756 0.2713	_	0.999	6.1	2,00	20,00	120.0 160.0
<sup>2</sup> entachlorophenol	1 0 Qua 0.1017	ũ	0.4007 0.4307 0.4402 0.4412 0.4656 0.4688 0.0540 0.0795 0.0986 0.1090 0.1227 0.1259	9 00		×	2.00	10.00 20.00 80.00	120.0 160.0
>henanthrene	1.1864	4547 1.1448 1.1680 1.160	1.1446 1.1680 1.1633 1.1813 1.2322 1.2202	į	100	82	20.00 200	10,00,20,00,80,00	130 0 160 0 195
Inthracene	1.2184	1.4319 1.1593 1,1984 1.197	1.1984 1.1974 1.2095 1.2674 1.2556		1.00	6.7	2.00	20.00	0 120.0 160.0 196.0
Ji-n-butylphthalate	1 0 Ava 14011 1	1.5518 1.3353 1.1355 1.147	1.0650 1.1356 1.1473 1.1512 1.1892 1.1843		1.00		2,00	20.00	120.0 160.0
lugranthene	1.3319	1.5136 1,2946 1,3084 1,321	1,2946 1,3084 1,3216 1,3498 1,3886 1,3445	1.36 10.30	0.999 0.999	51 *(30)	20.00 2.00	10.00 20.00 80.00	130.0 160.0
vrene	1.5008	1.6884 1.4269 1.4470 1.4810 1.4783 1.5622 1.6302	0 1.4783 1.5622 1.6302		1.00	-	200	20.00	0 120 0 160 0 196 0
erchenvi-d14	1 0 Qua 0,4535 0.1	0.2544 0.2791 0.3670 0.4523 0.4631 0.4536 0.4450	13 0.4631 0.4536 0,4450	0.396 10.47	0.998	22	2.00	20.00	120.0 160.0
I.4-DDE		0.3461	0 0.3433 0.3580 0.3727	- 0.358 10.60	0.997 0.999	7 0	3.00	10.00	60.00 80.00
indrin	Avq	0.0651 0.0778 0.0652 0.0637 0.0660 0.0655 0.0688 0.0716	0 0.0655 0.0688 0.0716		1.00	6.9	50.00 2.00	10.00 20.00 80.00	0 120.0 160.0 196.0
1.4 -1/10U	0 AVQ 0.5/45 0.6	0.5745 0.6097 0.5435 0.5565 0.5524 0.5567 0.5925 0.6111	4 0.5567 0.5925 0.6111	- 0.575 11.09		4.6	2 00		120.0 160.0
	Flugs	The state of the s	Nate:	PLANT OF SHIPPING VERNEWARKER	Avg Rsd: 8	.38	THE PARTY OF THE P		Page 2 of 3
			- }					•	

a - failed the spec criteria \*- ece compound Corr I = Correlation Coefficient for linear Eq.
b - failed the ece criteria \*\*- spec compound Corr 2 = Correlation Coefficient for quad Eq.
c - failed the minimum correlation coeff criterially applicable. Fit = Indicates whether Avg RF, Linear, or Quadratic Curve was used for compound.

# Initial Calibration Form 6

Instrument: GCMS\_10

Cal Identifier:			Calldentifier	Analysis Date/Time
CAL BNA@50PPM		10M0902	CAL BNA@2PPM	12/14/09 14:02
· .	12/14/09 13:40	10M0901	CAL BNA@20PPM	12/14/09 13:18
•	12/14/09 12:34	10M0901	CAL BNA@120PPM	12/14/09 12:11
	12/14/09 11:49	10M0901	CAL BNA@196PPM	12/14/09 11:27
F1 RF2 RF3 RF4 RF5	RF6 RF7 RF8 RF9	AvgRf RT Corr1 Corr2	%Rsd LvI1	Calibration Level Concentrations Lvl2 Lvl3 Lvl4 Lvl5 Lvl6 (vl7 Lvl8 Lvl9
6535 0,7403 0,6028 0,6418 0.633	8 0.6382 0.6711 0.6840	0.658 11.35 0.998 1.00		50.00 2.00 10.00 20.00 80.00 120.0 160.0 195.0
.0279 0.0372 0.0264 0.0287 0.027	9 0.0265 0.0269 0.0273	0.0286 10.99 1.00 1.00		50.00 2.00 10.00 20.00 80.00 120.0 160.0 196.0
5042 0.4476 0.4458 0.4765 0.499	18 0,5077 0.5358 0.5556	0.497 11.44 0.998 1.00		
.0737 0.0829 0.0706 0.0718 0.073	30 0.0719 0.0728 0.0751			50.00 2.00 10.00 20.00 80.00 120.0 160.0 196.0
3570 0.4336 0.3613 0.3271 0.329	0 0 3423 0 3482 0 3254			10 2.00 10.00 20.00 80.00 120.0 160.0 196.0
.4524 1.7508 1.4144 1.3997 1.413	34 1.4029 1.4692 1.4739			00 2.00 10.00 20.00 80.00 120.0 160.0 196.0
.3426 1.6498 1.3630 1.3230 1.328	36 1.3436 1.3992 1.3924	1.39 12.02 0.999 1.00		10 2.00 10.00 20.00 80.00 120.0 160.0 196.0
.9038 0.9892 0.8461 0.8685 0.889	35 0.8939 0.9427 0.9543	0.911 12.05 0.999 1.00		0 2.00 10.00 20.00 80.00 120.0 160.0 196.0
.3992 1.5483 1.3061 1.3540 1.377	79 1.4788 1.5151 1.5367	1.44 12.80 0.999 1.00	*(30)	10 2.00 10.00 20.00 80.00 120.0 160.0 196.0
1830 1.3973 1.1654 1.1972 1.155			A	10 2.00 10.00 20.00 80.00 120.0 160.0 196.0
.2714 1.4610 1.1862 1.1940 1.258	~			50.00 2.00 10.00 20.00 80.00 120.0 160.0 196.0
.1817 1.3469 1.1267 1.1326 1.158	33 1,1836 1.2576 1.2131	1,20 13,52 0,999 0,999	*(30)	
.2981 1.4594 1.2433 1.2496 1.244	18 1.2293 1.3764 1.3423	1.31 14,65 0.997 0.998		00 2.00 10.00 20.00 80.00 120.0 160.0 196.0
.0604 1.2146 1.0056 1.0510 1.039	35 1.0206 1.1530 1.1369	1.09 14.66 0.996 0.998		
0604 1.2617 1.0673 1.0718 1.043	38. 0,9998 1,1366 1,1010	1.09 14.94 0.996 0.997	7.2 50.0	50.00 2.00 10.00 20.00 80.00 120.0 160.0 196.0
	Data File: Call Identifier: CAL BNA@50PPM 10M09019. CAL BNA@10PPM 10M09014. CAL BNA@160PPM 10M09	Cal Identifier: Analysis Date/ lime CAL BNA@50PPM 12/14/09 13:40   CAL BNA@50PPM 12/14/09 13:40   CAL BNA@10PPM 12/14/09 13:40   CAL BNA@10PPM 12/14/09 11:49   CAL BNA@80PPM 12/14/09 1:4	Cal Identifier: Analysis Date/Ime Level #: Data File: CAL BNA@50PPM 12/14/09 13:40 4 10/M0902 13:40 4 10/M0902 13:40 4 10/M0902 13:40 6 10/M0902 13:40 6 10/M0902 13:40 6 10/M0902 13:40 6 10/M0902 13:40 6 10/M0902 13:40 6 10/M0902 13:40 6 10/M0902 13:40 6 10/M0902 13:40 6 10/M0902 13:40 6 10/M0902 13:40 6 10/M0902 13:40 6 10/M0902 13:40 6 10/M0902 13:40 6 10/M0902 13:40	Cal Identifier:         Analysis Date/Ilme         Level #*         Data File:         Cal Identifier:           CAL BNA@50PPM         12/14/09 12:34         4         10M09020         CAL BNA@20PPM           CAL BNA@10PPM         12/14/09 12:34         4         10M09018         CAL BNA@20PPM           CAL BNA@10PPM         12/14/09 11:49         8         10M09015         CAL BNA@20PPM           CAL BNA@20PPM         12/14/09 11:49         8         10M09015         CAL BNA@20PPM           CAL BNA@160PPM         12/14/09 11:49         8         10M09015         CAL BNA@20PPM           CAL BNA@160PPM         12/14/09 11:49         8         10M09013         CAL BNA@20PPM           CAL BNA@160PPM         12/14/09 11:49         8         10M09013         CAL BNA@210PPM           CAL BNA@160PPM         12/14/09 11:49         11:49         10M09013         CAL BNA@210PPM           CAL BNA@160PPM         12/14/09 11:49         11:49         10M09013         CAL BNA@210PPM           CAL BNA@160PPM         12/14/09 11:49         11:49         10M09013         CAL BNA@210PPM           RF2         RF3         RF6         RF7         RF8         RF9         AvgRf         RT         Cori1         Cal BNA@219PM           CAL

Flags

Note: Avg Rsd: 8.38

a - failed the spec criteria \*- cee compound
b - failed the cee criteria \*- spec compound
c - failed the cee criteria \*\*- spec compound
c - failed the minimum correlation coeff criterialif applicable
Fit = Indicates whether Avg RF, Linear, or Quadratic Curve was used for compound.

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				The second of th					Total Following Control of Contro			774 add add .a.)	The second secon	***************************************
2 00 10 00 20 00 80 00 120 0 160 0 166		W	999	0.999 (		72	3520 0 343	38 0.3327 0	0.3381 0.32	<u>0.3445 0.3160 0.3474 0.3381 0.3298 0.3327 0.3520 0.3432</u>	Ì	1 0 Avg	.4.6-Trichleropheno	2.4.6-Tr
10.00 20 00 80 00 120 0 160 0	**(0.050) 50.00	26	998	0.992 (		16	2329 0.243	76 0.2203 0.	0.1059 0.1519 0.1776 0.2203 0.2329 0.2436		0.1850	tac 1 0 Qua	Hexachiorocyclopentac	Hexachi
2.00 10.00 20.00 80.00 120.0 160.0	50.00	4.8	),999	0.999 (	0.607 7,42	68	6078 0.584	96 0.5911 0.	0.6003 0.5996 0.5911 0.6078 0.5848	60		0	.2.4.5- i etrachloroben	1.2.4.5-
2.00 10.00 20.00 80.00 120.0 160.0	50.00	8	8	1.00 1	1.09 7,65	17	0601 1.059	09 1.0473 1.	1.0585 1.05	1.0637 1.3259 1.0674 1.0585 1.0509 1.0473 1.0601 1.0591	1.0637	, ) C	nenvi	Vueudig-1.1
2.00 10.00 20.00 80.00 120.0 160.0	50.00	, 2	),999	0 999 (	0.742 7.28	14	7358 0.715	10 0.7006 Q.	0.7312 0.72	0.7151 0.8872 0.7255 0.7312 0.7210 0.7006 0.7358 0.7154	0.7151 (		viettivinabninalenes ( I	Methylin
2.00 10.00 20.00 80.00 120.0 160.0	50.00	8	),999	0.999 (		¥	7358 0.715	10 0,7006 0.	0.7312 0.72	0.7151 0.8872 0.7255 0.7312 0.7210 0.7006 0.7358 0.7154	- [		Z-Methylnaonthalene	Z-ivietny
2.00 10.00 20.00 80.00 120.0 160.0	*(30) 50.00	9	.00	1.00	0.331 7.15	-	3271 0.326	93 0.3140 0.	0.3105 0.3236 0.3193 0.3140 0.3271 0.3261	0.4035 0.3105		n 	4-Chloro-3-methylphen	4-Chlore
2.00 10.00 20.00 80.00 120.0 160.0		6.0	.00	0.999 1	7.06	70	1486 0.147	22 0.1455 0.	0.1632 0.1412 0.1522 0.1455 0.1486 0.1470	0.1679 0.1632		1 0 Avg	ctam	Caprolactam
2.00 10.00 20.00 80.00 120.0 160.0	*(30) 50.00	7	.00	0.999 1	0,165 6.84	0	1594 0.162	32 0.1574 0.	0.1482 0.15	0.1592 0.2217 0.1617 0.1482 0.1532 0.1574 0.1594 0.1620			Hexachlorobutadiene	Hexachi
2.00 10.00 20.00 80.00 120.0 160.0	50.00	<del></del>	),990	0.985 (	0.334 6.79	ъ 	2850 0.299	47 0.3073 O.	0.3252 0.38	0.3635 0.3780 0.3304 0.3252 0.3847 0.3073 0.2850 0.2995	_		panılıne	4-Chioroaniline
2.00 10.00 20.00 80.00 120.0 160.0	50.00	ပာ	1.00	1.00	1.04 6.76	2	0266 1.031	97 1,0098 1	1.0174 1.01	0144 1.1747 1.0584 1.0174 1.0197 1.0098 1.0266 1.0312	1.0144	1 0 Avq	alene	Naphthalene
2.00 10.00 20.00 80.00 120.0 160.0	50.00	4.7	.08	1.00	0.320 6.69	75	3174 0.317	00 0.3101 0.	0.3222 0.31	0.3125 0.3551 0.3134 0.3222 0.3100 0.3101 0.3174 0.3175		· -	1.2.4- irichloropenzene	*. Z.4-11
2.00 10.00 20.00 80.00 120.0 160.0	*(30) 50.00	4.8	1.00	0.999	0.292 6.63	6	2933 0.301	29 0,2855 0	0.2794 0.2757 0.2829 0.2855 0.2933 0.3016	0.3183 0.2794			2.4-Wichiorophenol	4.4-UICI
2.00 10.00 20.00 80.00 120.0 160.0	50.00	0	1.00	0.999	0.394 6.55	19	3951 0.395	98 0.3782 0	0.3698 0.3876 0.3898 0.3782 0.3951 0.3959	0.4495 0.3698			Dis(z-Unioroetnoxy)mei	D = 0 = 0.
10.00 20.00 80.00 120.0 160.0	50.00	30	),999	0.991 (		7	2606 0.288	19 0.2497 0.	0.0990 0.1597 0.2119 0.2497 0.2606 0.2880		_	0	Acid	Benzoic Acid
2.00 10.00 20.00 80.00 120.0 160.0	50.00	7.2	.00	1.00	0 362 6.47	53	3563 0.369	12 0.3587 0.	0.3416 0.3501 0.3512 0.3587 0.3563 0.3653	4246 0.3416	í	1 0 Ava	2.4-Dimethylphenol	2.4-Uim
2.00 10.00 20.00 80.00 120.0 160.0	*(30) 50.00	6.0	.00	0.998	0.181 6,44	11	1879 0.194	78 0.1817 0.	0.1586 0.1753 0.1778 0.1817 0.1879 0.1941	0.1877 0.1586		1 0 Avg	henol	2-Niirophenol
2.00 10.00 20.00 80.00 120.0 160.0	50.00	7.9	8	1.00	0.682 6.38	18	6760 0.674	73 0.6586 0.	0.6720 0.6332 0.6673 0.6586 0.6760 0.6748	0.8104 0.6720		1 0 Ava	one	Isophorone
2.00 10.00 20.00	50.00	8.4	1.00	0.999	0.334 6.19	33	3221 0 333	73 0.3213 0.	0.3205 0.3241 0.3173 0.3213 0.3221 0.3333	0.4023 0.3205		1 0 Avg	пzеле	Nitrobenzene
1.00 5.00 10.00 40.00 60.00 80.00	25,00	8.4	666,0	0.998 (	0.168 6.18	30	1668 0.176	18 0.1669 0	0.1532 0.1467 0.1718 0.1669 0.1668 0.1760	0.1933 0.1532		1 U Ava	Wirobenzene-d5	Niffober
2.00 10.00 20.00 80.00 120.0 160.0	50.00	8.8	1.00	. 666.0	1 50 6 06	32	4,806 1,5052	92 1.4319 1	1,4004 1,5143 1,3992 1,4319 1,4806	1.8122 1.400		T O AVO	Matrivipnenoi	304-IVIE
2.00 10.00 20.00 80.00 120.0 160.0	**(0.050) 50.00	<u>-</u> `	1.00	1.00	1.10 6.06	90	0758 1.099	32 1.0764 1.	1.0919 1.0532 1.0764 1.0758 1.0990			· ~	V-INITOSO-QI-R-Drobyla	SOLVE TO S
	50.00	12	00	0.999	0.624 6.15	00	5917 0.6000	91 0.6034 0.	0.5949 0.56	0.5827 0.7987 0.5534 0.5949 0.5691 0.6034 0.5917		· _	hexactioroemane	N VS CIT
2.00 10.00 20.00 80.00 120.0 160.0	50.00	9.3	2.00	666.0	2.52 6.06	37	2.445/ 2.4831	0/ 2.4153 2.	2.4090 2.4040 2.330/	0.7064 0.6534		200	icilos ic	Havasklarask
2.00 10.00	50.00	3.0	1.00	0.999	1.33 5.94	52	1.3500 1.3652	1.3180	1.2927 1.3563 1.2597		3.224.0	4 O AVA	-wellykilelio	Anatoni Anatoni
	50.00	6.0	0.999	0.999	1.75 5.95	12	1./191 1./412	1./223	1./598   593/	17C/1 76/6"	Jeres V	> c	2 i i fathulahanai	71575
2.00 10.00 20.00 80.00 120.0 160.0	50.00	8	1.00	0.999	0.935 5.85	38		0.9636			2708.0	 > C	aiconoi	benzvi alconor
2.00 10.00 20.00 80.00 120.0 160.0	50.00	5.2	1.00	0.999	1,47 5,87	79		1,4502	1.5015 1.3649		1.4214	 > C	.z-Uchtoropenzene	- X-UICI
2.00 10.00 20.00 80.00 120.0 160.0	*(30) 50.00	0	0.999	0.999		40		1.5328	1,5886	1.7610 1.4490		 	.4-Ulchlorobenzene	4.4-UIC
00 2.00 10.00 20.00 80.00 120.0 160.0 196.0	50.00	S	1.00	0.999	C.	36		1.4620	4439	1.3532 1.4555	1.4012		A Dishlatal duenzene	* L-C-C-C-C-C-C-C-C-C-C-C-C-C-C-C-C-C-C-C
2.00 10.00 20.00 80.00 120.0 160.0	50.00	9.2	1.00	1.00	1.19 5.59	57			1.1605	1.4544	0/11/10	100	ne	iv-Decane
2.00 10.00 20.00 80.00 120.0 160.0	50.00	4	0.999	0.998	1.4/ 5,55	18	1.5401 1.5418		1,4040 1,3591	41.4	1,4838	7 O AVI	ki Dagas	V-01101
2.00 10.00 20.00 80.00 120.0 160.0	*(30) 50.00	5.0	0.999	0.997	1.89 5.43	T\$		1.9397	1.85/6		1.926.			
2.00 10.00 20.00 80.00 120.0 160.0	50.00	8.8	0.999	0.996		46		1.7997	1.7858	1.82/9 1.8031 1.5668		TO AVO	â	Phenol-d5
2.00 10.00 20.00 80.00 120.0	50.00	<del></del>	0.999	0.999		34	2923 1.29	1.2641	1.3272 1.18	1.3019 1.6649 1.2916			DIS/Z-Chloroethyllether	DISKZ-CI
2.00 10.00 20.00 80.00 120.0 160.0	50,00	ြယ	1.00	1,00	0.581 5.49	31	0.5825 0.5968 0.5931	93 0.5825 0	0.5876 0.56	5603 0.6095 0.5479 0.5876 0.5693	·	, L	Pentachloroethane	Pentacr
2.00 10.00 20.00 80.00 120.0 160.0	50.00	~1	0.998	0.993	1.76 5.44	91	.0758 2.15	59 2,0622 2	1.5597 1,63	1.7799 1.3994 1.4301 1.5597 1.6359 2,0622 2,0758 2.1591		1 0 Qua		Aniine
2.00 10.00 20.00 80.00 120.0 160.0	50.00	10	0.996	0.995	1.18 5.35	03	.1787 1.0303	1.0761 1.1799 1.1787	1.2335 1.07	1.2040 1.4177 1.1066 1.2335		1 0 Avg	dehvde	Benzaldehyde
2.00 10.00 20.00 80.00 120.0 150.0 1	50.00	9.6	0.996	0.996	1.18 4,52	53	2936 1.3363	1.0938 1.2742 1.2936		1,1908 1,0644 1,0605 1,0895		1 0 Avg	2-Fluorophenol	2-Fluore
2.00 10.00 20.00 80.00 120.0 160.0 196	50.00	16	0.998	0.998	0.633 2.82	30	.7026 0.7230	0.6310 0.7158 0.7026	0.5194 0.6651 0.63	0.4365 0.5194		nin 1 0 Qua	N-Nitrosodimethylamin	N-Nitros
00 2.00 10.00 20.00 80.00 120.0 160.0 196.0	50.00	15	0.998	0.997	1.07.2.90	51	سا	99 1.1981 1.1968	1,1308	.1442 0.7880 0.8797		10		Pyridine
LVI2 LVI3 LVI4 LVI5 LVI6 LVI7 LVI8 LVI9	c LvI1	%Rsd	Corr2	Corri (	AvgRf RT	RF9	RF7 RF8	RF6	RF4 RF5	RF2 RF3	F	Col Mr Fit:	und	Compound
In case, and the second	A to a contract of the same of							***************************************	or de saas account and or happen wommon	The second secon				
12/14/09 12:14	L BNA@196PPM	CAL	7	9M22127			11:28	12/14/09 11:28	BNA@160PPM	CAL BNA	9M22125.	NG NG	7	
12/14/09 13:25	CAL BNA@120PPM	SS	თ პ	9M22126			12:37	12/14/09 12:37	BNA@80PPM		9M22128	91	On t	
12/14/09 14:13	CAL BNA@2PPM	2 C	> Ñ	9M22132	A N		13:00 13:00	12/14/09 13:00	BNA@100TTM	CAL BNA	9M22131	ဗို့ ဗ	Ç17	
Analysis Date/I ime	Cal identifier:	<u> </u>	9	Data File	LEVEL#.	r	(d) (ii) (e)	And Alon Asing			DM33130		7 17 17	21
•		>		1	<b>=</b>	-		» 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		Cal Idanti	erto Elip.		+ <u>  a io</u> +	

a - failed the spec criteria \*- ece compound b - failed the ece criteria \*\* - spec compound c - failed the minimum correlation coeff criteria(if applicable)

Note:

Corr 1 = Correlation Coefficient for linear Eq.

Corr 2 = Correlation Coefficient for quad Eq.

Fit = Indicates whether Avg KF, Linear, or Quadratic Curve was used for compound.

Avg Rsd: 9.23

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Flags

Form 6

© 4 Level#:	Data File:	Calidentifier	Analysis Dale/Time	evel#:	Data File:	Cal Identifier:	Analysis	Analysis Date/Time
. ω	9W22129. 9W22131. 9W22138.	CAL BNA@50PPM CAL BNA@10PPM	12/14/09 13:00 12/14/09 13:50 12/14/00 13:37	C1 4 8	9M22132, 9M22130, 9M22136	CAL BNA@2PPN CAL BNA@20PPM	-	12/14/09 14:13 12/14/09 13:55 13/14/00 11:50
7	9M22125.	CAL BNA@160PPM	12/14/09 11:28	&	9M22127.	CAL BNA@196PPM		2/14/09 12:14
Compound Col	Mr Fit: RF1	RF2 RF3 RF4 RF5	RF6 RF7 RF8 RF9	9 AvgRf RT	Corr1 Corr2 '	%Rsd	Lviii Lvii2	Calibration Level Concentrations
2.4.5-Trichlorophenol 2.Fluorobiphenyl	1 0 Avg 0.3808 1 0 Avg 1.2765	0.3940 0.3652 0.3817 0.3670 0.3724 0.3847 0.3787 1.5893 1.3315 1.2578 1.2192 1.2352 1.2582 1.2534	0.3670 0.3724 0.3847 0.3787	- 0.378 7.54 - 1.30 7.57	1.00 1.00 1.00 1.00	2.5 9.4	50.00 2.00 25.00 1.00	10.00 20.00 80.00 120.0 160.0 196.0 5.00 10.00 40.00 60.00 80.00 98.00
2-Chloronaphthalene		1.1081 1.3521 1.1050 1.1359 1.1117 1.1002 1.1358 1.1118	17 1.1002 1.1358 1.1118	1.157.68		7.4		20,00 80,00 120,0 160,0
1.4-Dimethylnaphthaler		1.5383 1.2299 1.2288 1.22	1.2234 1.1579 1.2087 1.1669	1.25 7.96	0.999	9.7	50.00 2.00	20.00 80.00 120.0 160.0
Dimethylnaphthalenes	1.2102	1.5383 1.2299 1.2288 1.2234 1.1579 1.2087 1.1669	34 1 1579 1 2087 1 1669	1.25 7.96	(C)	9.7	50.00 2.00	20.00 80.00 120.0 160.0
2-Nitroaniline	1 0 Avg 0.4109	0.4702 0.4040 0.4186 0.4069 0.4033 0.4195 0.4087	)69 0 4033 0 4195 0 4087	0.418 7.76	1,00 1,00	5.3	50.00 2.00	10.00 20.00 80.00 120.0 160.0 196.0
Acenachthylene	1.9098	2.2848 1.8897 1.9535 1.9282 1.8341 1.9021 1.8381	82 1.8341 1.9021 1.8381	1.94 8.04	0.999	7.4	2.00	20.00 80.00 120.0 160.0
Dimethylphthalate	1.4439	1.5849 1.4429 1.4401 1.4757 1.3320 1.4241 1.3741	57 1.3320 1.4241 1.3741	- 1.44 7.90	8 0,998	0.00	2.00	20.00 80.00 120.0 160.0
A canarithene	1 0 Avo 1 2281	1 2281 1 4006 1 2646 1 2469 1 2081 1 1712 1 2153 1 1751	13712 1 2153 1 1751	1 24 8 19	0 999 0 999 0	5 0 */3(N)	50 00 2 00	10 00 00 00 00 100 0 160 0 196 0
3-Nitroaniline	0.3194	0.3017 0.3196 0.3277 0.3231 0.2936 0.3137 0.3026	131 0.2936 0.3137 0.3026	0.313 8.11	0.998		2.00	20.00 80.00 120.0 160.0
2.4-Dinitrophenol	0.1525	0.0710 0.1165 0.14	0.0710	0.145 8.20		28 **(0.050)		20.00 80.00
2 4-Dinitrotoluene	1 0 Avg 0.4609	0.4609 0.4071 0.4328 0.4210 0.4640 0.4241 0.4661 0.4487	40 0.4241 0.4661 0.4487	0.441 8.32	0.998	IJ. (.	2.00	10.00 20.00 80.00 120.0 160.0 196.0
4-Nitrophenol		0.1929 0.2185 0.2333 0.2390 0.2310	90 0.2310 0.2423 0.2411	0.230 8.24		7.3 **(0.050)	2.00	20.00 80.00 120.0 160.0
2.3.4.b- i etrachiorophe Fluorene	1 0 Avg 0.3159	0.3159	./2 0.299/ 0.3285 0.3164 .26 1.3412 1.4142 1.3645	- 0.329 8.45 - 1.46 8.66	999 0 998 0 999 0 998 0	<u> </u>	50 00 2 00	10.00 20.00 80.00 120.0 160.0 196.0
4-Chlorophenvl-phenvli		0.8412 0.6553 0.6693 0.66	0.6630 0.6154 0.6315 0.6185	- 0.665 8.65		<u> </u>	2.00	20.00 80.00 120.0 160.0
Diethylphthalate	-	<u>1.5290 2.0449 1.4920 1.5205 1.5680 1.4313 1.5026 1.4415</u>	1.4313 1.5026 1.4415	157853		13	50 00 2 00	120,0 160.0
Atrazine	1 0 Avg 0.4892	0.4892 0.5715 0.5060 0.5151 0.5225 0.4627 0.4964 0.4689	25 0,4627 0,4964 0,4689	0.504 9.30	0.997 0.997	6.8	50.00 2.00	10.00 20.00 80.00 120.0 160.0 196.0
4.6-Dinitro-2-methylphe	_	0.0901 0.1111 0.12	0.0901 0.1111 0.1215 0.1417 0.1415 0.1489	- 0.127 8.70	0,998	16		20.00 80.00 120.0 160.0
n-Nitrosodiphenylamine	1 0 Avg 0.6774	0.6774	382 0.6666 0.6610 0.6680	0.688 8.77		8.6 *(30)	50.00 2.00	120.0 160.0
1.2-Diphenvlhvdrazine	Ì	0.9517 0.7654 0.7872 0.7016 0.7733 0.7552 0.7698	)16 0.7733 0.7552 0.7698	0.785 8.81	0.999	9.2	2.00	20.00 80.00 120.0 160.0
4-Bramophenyl-ohenyli		0.2005 0.2354 0.1785 0.1992 0.1863 0.1953 0.1954 0.2035	63 0.1953 0.1954 0.2035	0.190 9.14	0.999	8.4	2.00	20.00 80.00 120.0 160.0
Hexachlorobenzene	1 0 Avg 0.1869 1 0 Avg 0.4573	0.2213 0.1901 0.1841 0.1630 0.1802 0.1755 0.1795 0.5886 0.4335 0.4387 0.4106 0.4733 0.4581 0.4775	0.1630 0.1802 0.1755 0.1795	0.185 9.21	0.998 0.999	9.1	50.00 2.00	10.00 20.00 80.00 120.0 160.0 196.0
Dentachlorophenol	0.0996	0.0646 0.0800 0.08	0.0646 0.0800 0.0966 0.1154 0.1233 0.1237	0.100 9.41	i	22 *(30)		20 00 80 00 120 0 160 0
⊃henanthrene	1.1910	1.5687 1.2072 1.1882 1.1330 1.1489 1.1550 1.1492	30 1.1489 1.1550 1.1492	1.22 9.64		12		20.00 80.00 120.0 160.0
Anthracene	1.2182	1.5002 1.1922 1.1988 1.10		1.23 9.70	1.0	2 m	2.00	20.00 80.00 120.0 160.0
Di-n-bulylphthalate	1 0 Avg 1.5912	1.8772 1.5286 1.5686 1.52	1.5210 1.5384 1.5400 1.5348	1.59 10.25	1.00 1.00	7.5	50.00 2.00	10.00 20.00 80.00 120.0 160.0 196.0
-luoranthene	Avg 1.3746	1.6835 1.3368 1.3630 1.38	1.3368 1.3630 1.3843 1.3067 1.3321 1.3012	1,39 10.98 0.999	1	9.0 *(30)	2.00	120.0 160.0
3enzidine	1 0 Avg 1.5490	1.8644 1.5034 1.5723 1.4233 1.5674 1.5440 1.5989 0.4076 0.3509 0.4945 0.5049 0.5646 0.5460 0.5033	233 1.5674 1.5440 1.5989 )49 0 5646 0 5460 0 5033	1.58 11.24 0.998 0 493 11 13 0 994	0.998 0.9	 8.1	50.00 2.00 50.00 2.00	10.00 20.00 80.00 120.0 160.0 196.0
Terphenyl-d14	1.0586	1.3122 1.0549 1.0629 0.9669 1.0767 1.0629 1.1199	169 1.0767 1.0629 1.1199	1.09 11,42	0.997	9.1	1.00	10.00 40.00
o.p'-DD€		0.4034 0.2897 0.3236 0.29	0.2909 0.3232 0.3230 0.3343	- 0.326 11.36			2.00	20.00 80.00 120,0 160.0
	1 0 Avg 0.0926	0.0926	15 0 0916 0.0922 0.0955	- 0 0953 11.69 0 997	0.997 0.999	د. د. د.	50.00 2.00	10.00 20.00 80.00 120.0 160.0 196.0
		A CONTRACT PRODUCTION OF THE PROPERTY OF THE P	The second secon	And the second s		or beamon account of the control of		1
	Flags	* 0.00	Note:	Committee Conff	Avg Rsd: 9	1.23		Tage A Oi o
5		STRUCK STRUCK			01.22	E		-

a -failed the spec criteria \*- ccc compound | Corr I = Correlation Coefficient for linear Eq.
b -failed the ccc criteria | \*\* - spec compound | Corr 2 = Correlation Coefficient for quad Eq.
c - failed the minimum correlation coeff criteria(ij applicable) Fit = Indicates whether Avg RF, Linear, or Quadratic Curve was used for compound.

Method: EPA 8270C

# Form 6 Initial Calibration

Instrument: GCMS\_9

Level #:	Data File;	Cal Identifier:	Analysis Date/Time	Level #	Data File:	Calldenifier	Analyei	Analysis Date/Time
H. S. S. S. S. S. S. S. S. S. S. S. S. S.	9M22129.	CAL BNA@50PPM	12/14/09 13:00	2	9M22132.	CAL BNA@2PPM	1	2/14/09 14:13
3	9M22131.	CAL BNA@10PPM	12/14/09 13:50	4	9M22130.	CAL BNA@20PPN		4/00 13:95
ch	9M22128,	CAL BNA@80PPM	12/14/09 12:37	රා	9M22126.	CAL BNA@120PF		\$/09 11:50
7	9M22125.	CAL BNA@160PPM	12/14/09 11:28	00	9M22127.	CAL BNA@196PPM		12/14/09 12:14
Compound Col Mr	Fit: RF1	RF2 RF3 RF4 RF5	RF6 RF7 RF8 RF9	AvgRf RT	Corr1 Corr2	%Rsd	LvI1 LvI2	Calibration Level Concentrations Lvl3 Lvl4 Lvl5 Lvl6 Lvl7 Lvl8 Lvl9
Butylbenzylphthalate 1 0		0.8246 0.9722 0.7525 0.8136 0.7821 0.8275 0.8417 0.8496	21 0.8275 0.8417 0.8496	0.833 12.01 0.999		7.8	0.00 2.00	10.00 20.00 80.00 120.0 160.0 196.0
Endrin adenvoe 1 C		0.0311 0.0222 0.0273 0.0312 0.0274 0.0306 0.0296 0.0306	4 0.0306 0.0296 0.0306	0.0288 11.69 0.998	866'0 866'0		0.00 2.00	10.00 20.00 80.00 120.0 160.0 196.0
0.0-00		0.501/ 0.5442 0.42/0 0.4844 0.4712 0.5063 0.4988 0.5116	2 0.5063 0.4988 0.5116	0.493 12.11	0.999		0.00 2.00	10.00 20.00 80.00 120.0 160.0 196.0
Endrin ketone 1 0		0.0493 0.0537 0.0501 0.0506 0.0477 0.0500 0.0502 0.0524	77 0.0500 0.0502 0.0524	0.0505 12.60 0.998	0.998 1.00	3.6	0.00 2.00	10.00 20.00 80.00 120.0 160.0 196.0
3.3-Dichloropanzidine 1 C	-	0.3600 0.5306 0.3617 0.3495 0.3436 0.3571 0.3394 0.3546	16 0 3571 0 3394 0 3545	0.377 12.63 0.999	0.999 0.999	**************************************	0.00 2.00	10 00 20 00 80 00 120 0 160 0 196 0
Benzolalanthracene 1 0		1.4957 1.9232 1.4931 1.5344 1.4505 1.4522 1.4647 1.4973	)5 1.4522 1.4647 1.4973	1.54 12.67 1.00	1.00 1.00	10 5	50.00 2.00	10.00 20.00 80.00 120.0 160.0 196.0
Chrysene 1 0		.4173 1.8086 1.4666 1.4352 1.3567 1.3090 1.3111 1.3121	67 1.3090 1.3111 1.3121	1.43 12.71 1.00			0.00 2.00	10.00 20.00 80.00 120.0 160.0 196.0
pis(2-Ethylhexyllohinal, 1 0		1.1758 1.4530 1.1353 1.1634 1.1220 1.1429 1.1396 1.1755	0 1,1429 1.1396 1.1755	1.19 12.71 1.00	1.00 1.00		0.00 2.00	10.00 20.00 80.00 120.0 160.0 196.0
Di-n-octyphinalate 1 U		.8957 2.1283 1.7940 1.8661 1.7808 1.9416 1.9830 1.9586	)8 1.9416 1.9830 1.9586	1.92 13.46 0.999	0.969 0.999	*(30)	0.00 2.00	10.00 20.00 80.00 120.0 160.0 196.0
Benzolbiiluoraninene i U		.3674 1.5817 1.2733 1.3110 1.2824 1.2894 1.3072 1.3805	4 1 2894 1 3072 1 3805	1.36 13.88 0.998	0.998 0.999		0.00 2.00	10 00 20 00 80 00 120 0 160 0 196 0
Senzolkinuoranthene 1 0	_	1.2116 1.4796 1.2272 1.3210 1.2338 1.2487 1.2551 1.1414	8 1.2487 1.2551 1.1414	1.26 13.91 0.995	0.995 0.998		0.00 2.00	10.00 20.00 80.00 120.0 160.0 196.0
Pelizolalovielle I u	1	.2/10 1.4411 1.21/5 1.2496 1.243/ 1.2362	1 1.2362 1.2515 1.2376	1.27 14.23 1.00	1.00 1.00	*(30)	0.00 2.00	10.00 20.00 80.00 120.0 160.0 196.0
indenol1.2.3-calbyrene 1 0		1.3531 1.6592 1.2739 1.2877 1.3450 1.2906	0 1.2906 1.3148 1.2738	1.35 15.58 0.999	0.999 1.00		0.00 2.00	10.00 20.00 80.00 120.0 160.0 196.0
Dibenzola.hlanthracenc 1 0		1.0540 1.3420 1.0410 1.0374 1.0550 1.0171	0 1.0171 1.0480 1.0267	1.08 15.60 1.00	1.00 1.00		0.00 2.00	10.00 20.00 80.00 120.0 160.0 196.0
Benzola, h. liberylene 1 0	Avg 1,1120 1	1.1120 1.3894 1.0777 1.0705 1.1266 1.0618 1.0898 1.0611	6 1.0618 1.0898 1.0611	1.12 15.95 0.999	0 999 1 00	9.8	50.00 2 00	10.00 20.00 80.00 120.0 160.0 196.0
						-X-D		10.00 20.00 \$0.00 (20.0 180.0 180.0

a - failed the spec criteria \*- ece compound
b - failed the cee criteria \*\*- spec compound
c - failed the nitnimum correlation coeff criteria(if applicable) | Fit = Indicates whether Avg RF, Linear, or Quadratic Curve was used for compound. Flags

Note: Avg Rsd: 9.23

Page 1 of 3		3			
	1001	CARA CAAA	0.092	2.H.O. 1101101010101 1 0 2184 7.7570 7.7511 0.3110 7.7550 7.550 7.550 7.550 7.550 7.550 7.550 7.550 7.550 7.550	4.4.9-1
2.00 10.00 20.00 60.00 120.0	(00)	<b>,</b>	0.1877.30	ar or cons	Texaci
2.00 10.00 20.00 80.00 120.0 160.0 196		٠	0.525 7.37	O AV9	1.2.4.5-
2.00 10.00 20.00 80.00 120.0 360.0	7.6	686'0 9	06.7 60.1	i o Avg	1.1'-Bibhenvi
2.00 10.00 20.00 80.00 120.0 160.0		1.00	0.739 7.23	nalenes (T 1 0 Avg	Methylr
2.00 10.00 20.00 80.00 120 0 160.0		100	0.739 7.23	1 0 Ava 0	2-Meth
2.00 10.00 20.00 80.00 120.0 160.0	*(30)	0.999 6	0.324 7.11	n 1 0 Ava 0.3299 0.3650 0.3106 0.3030 0.3110 0.3040	4-Chlor
2.00 10.00 20.00 80.00 120.0 160.0	.6 50.00		0.1327.02	1 0 Avg 0.1354 0.1456 0.1158 0.1335 0.1320 0.1318 0.1346	Caprolactam
2.00 10.00 20.00 80.00 120.0 160.0	11 *(30) 50.00		0.157 6.80	lexachlorobutadiene 1 0. Avg 0.1494 0.1988 0.1610 0.1464 0.1530 0.1495 0.1488 0.1496	Hexach
2.00 10.00 20.00 80.00 120.0 160.0	2 50.00	1.00	0.383 6.74	ne 10 Avg	4-Chlor
2.00 10.00 20.00 80.00 120.0 160.0	50.00		1,08 6.71		Naphthalene
50.00 2.00 10.00 20.00 80.00 120.0 160.0 196.0			0.323 6.65	2.4-Trichlorobenzene 1 0 Avg 0.3086 0.3955 0.3163 0.3074 0.3152 0.3082 0.3186 0.3177	1.2.4-1
2.00 10.00 20.00 80.00 120.0 160.0	.8 *(30) 50.00		0.289 6.58	2.4-Dichlorophenol 1 0 Avg 0.2841 0.3406 0.2671 0.2742 0.2806 0.2807 0.2892 0.2940	2.4-Dicl
00 2.00 10.00 20.00 80.00 120.0 160.0 196.0	.0 50.00		0.433 6.50	bis(2-Chioroethoxy)mei 1 0 Avq 0.4221 0.5165 0.4339 0.4232 0.4102 0.4101 0.4206 0.4303	bis(2-C)
2.00 10.00 20.00 80.00 120.0 160.0			0.211 6.50	1 0 Qua 0	Benzoic Acid
2.00 10.00		w.	0.380 6.43	henol 1 0 Avg 0.3753 0.4548	2.4-Dim
2.00 10.00 20.00 80.00	8 *(30) 50.00		0.189 6.40	2-Nitrophenol 1 0 Avg 0.1863 0.1957 0,1752 0,1810 0.1878 0.1865 0.2001 0,2006	2-Nitror
2.00 10.00 20.00 80.00 120.0 160.0	1 50.00	0.999 1.00 11	0.757 6.34	1 0 Avg	Isophorone
2.00 10.00 20.00 80.00 120.0	7 50.00		0.395 6.15	1 0 Avg	Nitrobe
25.00 1.00 5.00 10.00 40.00 60.00 80.00 98.00		•	0.175 6.13	1 0 Avg 0.1653 0.2158 0.1626 0.1627 0.1688 0.1674	Nitrobe
2.00 10.00 20.00 80.00 120.0 160.0		1.00	1.38 6.02	1 0 Ava 1.3964 1.5769 1.3551 1.4028 1.2917 1.3225	38.4-Me
2.00 10.00 20.00 80.00 120.0 160.0	**(0.050)	666.0	1.17 6.01	pyla 1 0 Avg 1.1619 1.4662 1.1247 1.1670 1.0925 1.0817	Z-Nito
2.00 10.00 20.00 80.00 120.0 160.0		1.00	0.627 6.10	ane 1 0 Avg 0.6154 0.7074 0.5262 0.5932 0.6271 0.6073 0.6168	Hexach
2.00 10.00 20.00 80.00 120.0 160.0		_	2.36 6.01	1 0 Avg 2.3454 2.8931 2.3148 2.3434 2.2380 2.2083 2.2663	Acetopl
2.00 10.00 20.00 80.00 120.0 160.0		0.999	1.29 5.89	1 0 Avg 1,3193 1,3969 1,2190 1,3254 1,2223 1,2421 1,3072	2-Methy
2.00 10.00 20.00 80.00 120.0 160.0		0.999	2.17 5.91	propvi)el 1 0 Avg 2.1454 2.6551 2.1465 2.1459 2.0526 2.0425 2.1288	bis(2-ch
2.00 10.00 20.00 80.00 120.0 160.0		e G	0.925 5.80	1 0 Avg 0.9754 0.8898 0.8959 0.9126 0.9078 0.9134 0.9603	Benzyl
2.00 10.00 20.00 80.00 120.0 160.0		1.00	1.46 5.82	1 0 Avg 1,4535 1,6953 1,4194 1,4407 1,4375 1,4092 1,4421	1.2-Dict
2.00 10.00 20.00 80.00 120.0 160.0	2 *(30) 50.00		1.59 5.69	1 0 Avg 1.5394 2.0493 1.5042 1.4972 1.5827 1.5243	1,4-Dict
2.00 10.00 20.00 80.00 120.0 160.0	50.00	1.00	1.50 5.63	1,4945 1,7019 1,5012 1,4890 1,4915 1,4555 1,4656	1.3-Dic
2.00 10.00 20.00 80.00 120.0 160.0	2 50,00	3 0.999	1,72 5.55	1 0 Avg 1 6956 2 0523 1 6624 1 6191 1 7764 1 6795 1 6889	N-Decane
2.00 10.00 20.00 80.00 120.0 160.0		1.00	1.43 5.50	1 4422 1 5631 1 3794 1 3866 1 4107 1 4025 1 4360	2-Chlon
2.00 10.00 20.00 80.00 120.0 160.0	*(30)	1.00	1.93 5.38	1 0 Avg 1.9575 2.2915 1.7889 1.7674 1.8657 1.8664 1.9479	Phenol
2.00 10.00 20.00 80.00 120.0 160.0	8 50.00	9 0.999	1.75 5.37	1 O Avg	Phenol-d5
2,00 10.00 20.00 80.00 120.0 160.0		1.00	1.35 5.46	ther 1 0 Avg	bis/2-CI
2,00 10,00 20,00 80,00 120,0 160,0		8 0.999	0.636 5.44	hloroethane 1 0 Ayg	Pentaci
2.00 10.00 20.00 80.00 120.0 160.0		1.00	2.06 5.40	1 0 Avg 2 1121 2 1480 1 9732	Aniline
2.00 10.00 20.00 80.00 120.0 160.0 196		0.992	0.974 5.30	1 0 Qua	Benzalo
2.00 10.00 20.00 80.00 120 0 160 0 196		.σ	1.24 4.47	1 0 Ava	2-Fluore
2.00 10.00 20.00 80.00 120.0 160.0		1.00	0.807 2.75	odimethylamin 1 0 Qua 0.8231	N-Nitros
90 2 90 - 10 00 20 00 80 00 120 0 160 0 196 0	8 50 00	88 666U 666U	1 34 2 82	1 0 Avr. 13541 12749 10920 13170 14429 14062 14477 14065	Dyridina
Calibration Level Concentrations 1 Lvl2 Lvl3 Lvl4 Lvl5 Lvl6 Lvl7 Lvl8 Lvl9	%Rsd LvII	Corr1 Corr2 %F	AvgRf RT	ound Col Mr Fit: RF1 RF2 RF3 RF4 RF5 RF6 RF7 RF8 RF9	Compound
	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		,		
12/17/09 10:45	CAL BNA@ ZUTTIN	9M22192.	හා ට	9M22193, CAL BNA@160PPM	
12/17/09 12:16	CAL BNA@20PPM	•	4 C		
12/17/09 13:02	CAL BNA@2PPM		2	9M22189 CAL BNA@50PPM 12/17/09 10:22	Fire a
Analvsis Date/Time	Cal Identifier:	Data File:	evel#.	Level #: Data File: Cal Identifier Analysis Date/Time L	

Flags

a - failed the spec criteria \*- ece compound
h - failed the cee criteria \*- ece compound
Corr 1 = Correlation Coefficient for linear Eq.
Corr 2 = Correlation Coefficient for quad Eq.
Corr 2 = Correlation Coefficient for Quadratic Curve was used for compound. ||Note: Avg Rsd: 9.38

/ ...

Page 1 of 3

0207

Page 2 of 3			sd: 9.38	Avg Rs	J	Note:		*	/Piforia	Flugs u - fuiled the snoo criteri	Flags a - fail	
	ļ		ĺ	11						A Verser printer.		
10 00 00 00 80 00 400 0 460 0 466 0	50 00 2 00		<u>ට</u> න		0.576 11.70 C	0.5851	0.5627 0.6631 0.5280 0.5703 0.5606 0,5581 0.5770 0.5851	0 0.5703 0.56	7 0.6631 0.528	Avg 0.562	10	a.p'-DDD
20 00 80 00	50.00 2.00	•			0.121 11.62 C	0.1224	0.1197 0.1470 0.1118 0.1160 0.1137 0.1136 0.1216 0.1224	8 0.1160 0.11	7 0.1470 0.11	Avg 0.119	10	Endrin
20.00 80.00 120.00	200				0.318 11.30 0.998	0.3319	0.3208 0.3340 0.3170 0.3097 0.3029 0.3091 0.3219 0.3319	70 0.3097 0.30	8 0.3340 0.31	Avg 0.320	10	p.p'-DDE
10.00 40.00 120.0	1 00				1.07 11.36 C	1.1020	1.0468 1.2896 1.0328 1.0161 1.0046 0.9995 1.0607 1.1020	28 1.0161 1.00	8 1.2896 1.033	Avg 1.046	d14 1 0	Terphenyl-d14
20.00 80.00 120.0	200	٠, ,			0.521 11.06 0		0.5451 0.3844 0.3019	17 0.6548 0.54	0.6243 0.5546 0.5847 0.6548	Qua 0.624	10	Benzidine
20 00 80 00 130 0 480 0 486	50 00 2 00	-	1	۱۳	1.70 11.18 (	1.7162	1.6833 1.9908 1.6282 1.6513 1.6193 1.6031 1.6864	32 1.6513 1.61	3 1.9908 1.62		1 0	Pyrene
20.00 80.00 420.0	50.00	*/30)			1.27 (0.91 1	1.2491	1.2215 1.2145 1.2478	16 1.2456 1.22	1.2799 1.5049 1.2236 1.2456	Avg 1.279	ne † 0	Fluoranthene
20.00 80.00 120.0 160.0	50.00 2.00	·			ထ		1.6220 1.9770 1.5705 1.5742 1.5562 1.5345 1.5739	35 1,5742 1,55	0 1.9770 1.57	Avg 1.62;	hthalate 10	Di-n-butvlohthalate
20.00 80.00 120.0 160.0	50 00 2.00	_	•			) 1,1825	1.5449 1.1930 1.2394 1.1586 1.1643 1.1910	30 1,2394 1.15	3 1.5449 1.19	Avg 1.2313	0	Carbazole
20.00 80 00 120 0						2 1.1968	1.1974 1.1837 1.2152	)4 1.2444 1.19	1.2555 1.6526 1.2204 1.2444	Avg 1.258	e	Anthracene
20.00 80 00 120 0 160 0		1				2 1.1735	1.2018 1.4597 1.1992 1.2338 1.1545 1.1531 1.1912 1.1735	92 1.2338 1.15	8 1.4597 1.19	Avg 1.20	ene 1 0	Phenanthrene
20.00 80.00 120 0 160 0	50.00	1 *(30)		;	ì	0.1214	0.1045 0.1084 0.1179 0.1214	0.0586 0.0891 0.10	7 0.05	Qua 0.1037	rophenol 1 0	Pentachlorophenol
20 00 80 00 120 0 160 0	50.00 2.00			Q,		0.6914	0.6900 0.7461 0.6591 0.6761 0.6737 0.6557 0.6837 0.6914	91 0.6761 0.67	0 0.7461 0.65	Avg 0.690	ane 10	N-Octadecane
20.00 80.00 120.0	50.00 2.00	٠,	Ф			0.1828	0.1874 0.2173 0.1931 0.1795 0.1823 0.1795 0.1866 0.1828	31 0.1795 0.18	4 0.2173 0.19		obenzene 10	Hexachlorobenzene
20 00 80 00 120 0 160 0	50.00 2.00	<u>ب</u>	0		9.09	7 0.1956	0.1950 0.1961 0.2015 0.1958 0.1840 0.1861 0.1917 0.1956	15 0.1958 0.18	0 0.1961 0.20	Avg 0.19	1-Bromophenvl-phenvli 1 0	4-Bromop
1600	50.00 2.00		0 92			7 0.9568	0.9729 1.2084 0.9771 0.9809 0.9426 0.9150 0.9537 0.9568	71 0.9809 0.94	9 1.2084 0.97		2-Dinhenvlhydrazine 1 0	1.2-Dinhe
20.00 80.00 120.0	50.00					0.0813	0.0806 0.0714 0.0743 0.0751 0.0760 0.0760 0.0809 0.0813	13 0.0751 0.07	6 0.0714 0.07	Avg 0.08	4.6-Tribromophenal 1 0	2.4.6-Trib
20.00 80.00 120.0 160.0		) (CC)*			8,71	0.7124	75 0.6795 0.7165 0.7124	61 0.7463 0.70	0.7367 0.9149 0.7061 0.7463 0.7075		n-Nitrosodiphenvlaminr 1 0	n-Nitrosoc
20.00 80.00 120.0	50 00	JI .				3 0.1401	0.0864 0.1181 0.1272 0.1321 0.1413 0.1401	54 0.1181 0.12	)7 0.08	Avg 0.1297	4.6-Dinitro-2-methylphe 1 0	4.6-Dinitro
20.00 80.00 120.0 160.0	50.00 2.00					3 0.4093	0.4404 0.5511 0.4502 0.4180 0.4137 0.4203 0.4238 0.4093	02 0,4180 0,41	)4 0,5511 0,45	Avg 0.44		Atrazine
120 0 460 0	50 00 2 00	0		- 1		0.3662	0.3782 0.4124 0.3797 0.3711 0.3706 0.3669 0.3836 0.3662	97 0.3711 0.37	32 0.4124 0.37	Avg 0.37	ine 10	4-Nitroaniline
20 00 80 00 120 0 160 0	50.00 2.00	10		9		5 1.4143	1.4766 1.9621 1.5459 1.4974 1.4309 1.4054 1.4655 1.4143	59 1 4974 1 43	6 1.9621 1.54	Avg 1.47	halate 1 0	Diethylohthalate
20 00 80 00 120 0 160 0	50.00 2.00	ω			_	2 0.5835	0.6117 0.8194 0.5987 0.5996 0.5788 0.5715 0.5842 0.5835	87 0.5996 0.57	17 0.8194 0.59	Avg 0.61	4-Chlorophenvi-phenvk 1 0	4-Chlorop
20 00 80 00 120 0	50.00 2.00	ij.				7 1.3422	1.3982 1.7401 1.3769 1.4108 1.3307 1.3348 1.3817 1.3422	59 1.4108 1.33	32 1.7401 1.37		1 0	Fluorene
20 00 80 00 120 0 160 0	50.00				8.40	0.2852	0.2659 0.3090 0.2358 0.2679 0.2751 0.2734 0.2981 0.2852	58 0.2679 0.27	59 0.3090 0.23		2.3.4.6-Tetrachlorophe 1 0	2.3,4,6-Te
20.00 80.00 120.0	**(0.050) 50.00 2.00		99 25		_	1 0.2746	0.2816 0.2765 0.2700 0.2818 0.2718 0.2637 0.2831 0.2746	00 0.2818 0.27	16 0.2765 0.27		nol 1 0	4-Nitrophenol
20 00 80 00 120 0 160 0	50.00 2.00	7	~			9 0.4120	0.4348 0.5039 0.3757 0.4050 0.4166 0.4177 0.4409 0.4120	57 0.4050 0.41	18 0.5039 0.37	1	toluene 1 0	2.4-Dinitrotoluene
20.00 80.00 120.0 160.0			0	1.00 1,00		3 1.6084	1.6731 2.1734 1.6532 1.6606 1.5855 1.5945 1.6433 1.6084	32 1.6606 1.58	31 2.1734 1.65		ran 10	Dibenzoturan
20.00 80 00 120 0 160 0	**(0.050) 50.00		99	0.0	-	7 0.1780	0.0674 0.1141 0.1545 0.1600 0.1777	74 0.1141 0.15	18 0.06	_	ichenol 1 0	2.4-Dinitrophenol
20 00 80 00 120 0 160 0					8.06	7 0.2951	0.3436 0.3276 0.3359 0.3459 0.3187 0.3222 0.3107	59 0.3459 0.31	36 0.3276 0.33	Avg 0.34	ine 1 0	3-Nitroaniline
20 00 80 00 120 0 160 0		2 *(30)			~	9 1,2163	1.2411 1.6512 1.2198 1.2607 1.1842 1.2056 1.2509 1.2163	98 1.2607 1.18	11 1.6512 1.21	AVQ	hene 10	Acenaphthene
20 00 80 00 120 0	50.00 2.00	0		,		0.3082 0.2968		13 0.3005 0.30	0.3077 0.3892 0.2913 0.3005 0.3021 0.2952	Àvq	-	2.6-Dinitrotoluene
20 00 80 00 120 0 160 0	50 00 2.00	7			-	1.3920 1.3434		78 1.3926 1.31	1.3858 1.6460 1.3978 1.3926 1.3183 1.2999	Avq 1.38	hthalate 1 C	Dimethylohthalate
10 00 20 00 80 00 120 0 160 0 166 0	50 00 2 00	N (				1.9701 1.9042		2.5972 1.9785 1.9814 1.9077 1.8976	)2 2.5972 1.97		aviene 10	Acenaphthylene
120.0 160.0	50.00 2.00	Ω 4		Ð		0.5337 0.5151	74 0.5118 0.533	0.5843 0.4996 0.5178 0.5174 0.5118	72 0.5843 0.49		line 1 C	2-Nitroaniline
0.001 0.001 00.00	00.00.00	4		- L	_ [	4 0.9266	0.9420 1.1929 0.9631 0.9774 0.9195 0.9114 0.9454 0.9266	31 0.9774 0.91	20 1.1929 0.96		≣her 1.6	Diphenyl Ether
80.00 120.0 160.0	50.00 2.00			2 6		5 1 1940		72 1.2604 1.22	)4 1.6342 1.29		Dimothylnaphthalenes 1 C	Dimothylr
20.00 80.00 120.0 160.0	50.00 2.00	<u> </u>	77 PD6	66670 66670	1 79 7 91	1.2445 1 1940		72 1.2604 1.22	1.2604 1.5342 1.2972 1.2604 1.2204 1.2005		1.4-Dimethylnaphthalei 1 C	1.4-Dimet
10.00 40.00	25.00 1.00	,			• •	0 -,4040	317 1 1180 1 174	01 1 1038 1 14	36 4 4746 4 20		2-Chloronaphthalone 1 (	2-Chloron
20.00 80.00 120.0 160.0	50.00 2.00	ະເນ	, j , j			1 3583 1 2920		34 1 3415 1 29	0.3000 0.4 (89 0.3537 0.3592 0.3506 0.3483 1.3778 1.7486 1.3634 1.3415 1.2986 1.2954	Ava 1.37	iphenyl 1 (	2-≨luorobiphenvi
ראוס								שני כן ביחודים כן דים	25 0 4400 0 35	- 1	4 5-Trichtorophenn) 1 f	2 4 5-Tric
Calibration Level Concentrations	CMI LWD	%Rsd		Con1 Con2	AvgRf RT (	RF8 RF9	RF6 RF7	RF4 RF5	RF2 RF3	r Fit: RF1	d Col Mr	Compound
2/17/09 10:45	BNA(0)196PPM 12/1	CAL BN		AMZZ 190.			12/1/1/08 11.00		Ç	Î		- CONTROL OF THE PARTY OF THE P
2/17/09 11:31		CAL BN		9W22192.			12/17/09 11:53	CAL BNA@80PPM	SA CAL	9M22193	7 5	
12/17/09 13:02 12/17/09 13:16	Naac Waa	CAL BN		9M22196, 9M22194,	<b>Α Α</b>		12/17/09 10:22 12/17/09 13:27	CAL BNA@50PPM		9M22197	ω.	
Analysis Date/Time		Cal Identifier:		Data File:	**	***************************************	Analysis Date/ Ime		***************************************	Data File	1,040 a.	76
				ļ			• • • • • • • • • • • • • • • • • • • •	- ANG	2	フュナ にに	l evel #	7

a - failed the spec criteria \*- ecc compound
b - failed the ecc criteria \*\*- spec compound
c - failed the minimum correlation coeff criteria(if applicable)
Fit = Indicates whether Avg RF, Linear, or Quadratic Curve was used for compound

Method: EPA 8270C

Form 6
Initial Calibration

Instrument: GCMS\_9

2/17/09 11:31 2/17/09 10:45 Calibration Level Concentrations 2 Lv/3 Lv/4 Lv/5 Lv/6 Lv/7 Lv/8 Lv/9 0 10.00 20.00 80.00 120.0 160.0 196.0	12/ 12/ 12/ 1 Lvl2 1 Lvl2	CAL BNA@120PPM CAL BNA@196PPM %Rsd Lv 50 6.9 50	9M22192. 9M22190. 9M22190. 9M22190. 0.929 11.95 0.999 1.00 0.0420 11.62 0.996 0.999 0.0420 11.62 0.996 1.00	RF9 A	12/17/09 11:53 12/17/09 11:08 RF6 RF7 RF8 2 0,9024 0,9327 0,9461 5 0,0408 0,0415 0,0444	RF2	9M2 9M2 9M2 Col Mr Fit: 1 0 Avg 1 0 Avg	5 7 Compound Bulvlbenzvlohthalate Endrin aldehvde p.p'-DDT
Hildysis Date: Hille 12/17/09 13:02 12/17/09 12:16	S	CAL BNA@2PPM CAL BNA@20PPM	9M22196. 9M22194.	Level #:	12/17/09 10:22 12/17/09 13:27	Cal Identifier A CAL BNA@50PPM CAL BNA@10PPM	9M22189 9M22197	Level #

Flags

Avg Rsd: 9.38

Note:

Calibration Name: CAL BNA@50PPM Cont Calibration Date/Time 12/10/2009 8:33:00

Data File: 5M54231.D Method: EPA 8270C Instrument: GCMS 5

TxtCompd:	Col#	Multi Num	Туре	RT	Conc	Conc Exp	Lo Hi Lim Lim	Initial RF	RF	%Diff_Flag
1.4-Dichlorobenzene-d4	1	0	l	5.34	40.00	40			0.000	0.00
Pyridine	1	0		2.29	50.76	50		1.860	1.920	1.52
N-Nitrosodimethylamine 2-Fluorophenol	1	0	S	2.23 4.09	48.26 46.70	50 50		1.075 1.516	1.070 1.446	3,48 6.60
Benzaldehyde	1	Ô	•	4.95	29.84	50		1.580	1.102	40.32
Aniline	1	٥	Carred made of an Orient war	5.05	50.25	50	ACCUPATION AND THE STATE OF THE	2.64C	2.653	0.50
Pentachloroethane	1	Q		5.09	51.99	50		0.704	0.732	3.98
bis(2-Chloroethyl)ether	1	0		5.12	47.62	50		1.697	1.616	4.76
Phenol-d5	1	0	S	5.04	47.49	50	20	2.309	2.193	5.02
Phenol 2-Chlorophenol	1	0	cc	5.05 5.15	<u>51.10</u> 51.11	50 50	20	2.445 1.479	2,499 1,512	2.20 2.22
N-Decane	1	Ö		5.21	51.31	50		2.724	2.795	2.62
1.3-Dichlorobenzene	1	ŏ		5.28	49.21	50		1.519	1.495	1.58
1.4-Dichlorobenzene	1	Ö	CC	5,35	49.38	50	20	1.597	1.577	1.24
1.2-Dichlorobenzene	1	00		5.48	49.79	50_		1.457	1.451	0.42
Benzyl alcohol	1	Ō		5.47	50.58	50		1.041	1.053	1.16
bis(2-chloroisopropyl)ether	1	0		5.58	47,66	50		2.464	2.349	4.68
2-Methylphenol Acetophenone	1 1	0		5.57 5.68	50.37 49.71	50 50		1.482 2.591	1.493 2.576	0.74 0.58
Hexachloroethane	1	Ö		5.75	52,55	50 50		0.647		5.10
N-Nitroso-ci-n-propylamine	1	0	CP	5.68	50.96	50	0.05	1.345	1.371	1.92
3&4-Methylphenol	i	ŏ		5.70	51.37	50			1.509	2.74
Naphthalene-d8	1	0	1	6.36	40.00	40		·	0.000	0.00
Nitrobenzene-d5	1	0	S	5.80	24.40	25		0.173	0.169	2.40
Nitrobenzene		0	loo_o	<u>5.81</u>	<u>50.51</u>	50			0.520	1.02
Isophorone	1	0	CC	6.01	51.12	50	20	0.910	0.930	2.24
2-Nitrophenol 2.4-Dimethylphenol	1	0		6.07 6.11	52.36 51.05	50 50	20	0.189 0.435	0.198 0.445	4.72 2.10
Benzoic Acid	1	0		6.20	27.27	50			0.165	45.46
bis(2-Chloroethoxy)methane	1	Ö		6.18	47.82	50			0.495	4.36
2.4-Dichlorophenol	1	0	CC	6.26	51.46	50	20		0.302	2.92
1.2.4-Trichlorobenzene	1	0		6.32	50.95	50			0.340	1.90
Naphthalene	1	0		6.37	49.40	50		1.082	1.069	1.20
4-Chloroaniline	1	0	cc	6.42	55.17	50	20		0.436	10.34
Hexachlorobutadiene Caprolactam	<del></del>	0		6,46 6.68	53.81 50.53	50 50	20	0.181	0.195	7.62 1.06
4-Chloro-3-methylphenol	1	Ö	CC	6.79	51.26	50	20		0.385	2.52
2-Methylnaphthalene	1	ō		6.89	50.15	50			0.719	0.30
Methvinaphthalenes	1	0		6.89	50.15	50	20		0.719	0.30
1.1-Biphenvi	1	<u> </u>		7.26	50.65	50		1.011	1.024	1.3Q
Acenaphthene-d10	1	0	ļ	7.73	40.00	40		0.000	0.000	0.00
1.2.4.5-Tetrachlorobenzene Hexachlorocyclopentadiene	1	0	CP	7.02 7.01	53.14 50.83	50 50	0.05	0.650 0.218	0.691 0.210	6.28 1.66
2.4.6-Trichlorophenol	1	o o	CC	7.11	52.45	50 50	20		0.375	4.90
2.4.5-Trichloroptenal	1	Ő		7.15	53.21	50		0.388		6.42
2-Fluorobiphenvl	1	0	S	7.18	25.57	25		1.333	1.363	2.28
2-Chloronaphthalene	1	0		7.27	50.14	50		1.169	1.172	0.28
1,4-Dimethylnaphthalene	1	Õ		7.54	51.85	50		1.157	1.200	3.70
Dimethylnaphthalenes	1	0		7.54	51.85	50	20	0.040	1.200	3.70
Diphenyl Ether 2-Nitroaniline		0		7.34 7.36	50.00 59.27	<u>50</u> 50		0.940 0.581		0.00 18.54
Acenaphthylene	1	Ö		7.61	50.37	50 50		1.807		0.74
Dimethylphthalate	1	Õ		7.50	52.52	50		1.365		5.04
2.6-Dinitrotoluene	1	0		7.55	52.40	50		0.290		4.80
Acenaphthene	1	<u> </u>	cc	7.76	50.17	50	20	1,131		0.34
3-Nitroaniline	1	0	00	7.70	56.56	50	0.05	0.308		13.12
2.4-Dinitrophenol Dibenzofuran	1	0	CP	7.79 7.91	52.62	50 50	0.05	0.134		5.24
2.4-Dinitrotoluene	1	0		7.90	49.86 52.27	50 50		1.654 0,411		0.28 4.54
4-Nitrophenol	1	0	CP	7.84	46.44	50 50	0.05	0.304		7.12
2.3.4.6-Tetrachlorophenol	1	0		8.02	51.24	50	The same of the sa	0.296		2.48
Fluorene	1	0		8.22	51.54	50		1.389	1.431	3.08
4-Chlorophenvl-phenvlether	1	0		8.22	52.22	50		0.656		4.44
Diethylphthalate	1	0		8.11	51.93	50		1.401		3.86
4-Nitroaniline		0		8,24	53.75	50 		0,345		7.50
Atrazine Phenanthrene-d10	1	0	1	8.85 9.15	52.87 40.00	50 40		0.442	0.457	5.74 0.00
4.6-Dinitro-2-methylphenol	1	0	1	8.28	50.48	50		0.136		0.00
n-Nitrosodiphenvlamine	i	Ö	CC	8.33	51.53	50	20	0.684		3.06
2.4.6-Tribromophenol	1	0	S	8.45	55.17	50		0.074		10.34

CC - Continuing Calibration Check Compound N/O or N/O - Not applicable for this run

Page 1 of 2

CP - System Performance Check Compound 1 - Internal Standard \* - Failed the C or P Criteria

<sup>\*\* -</sup> No limit specified in method

Calibration Name: CAL BNA@50PPM Cont Calibration Date/Time 12/10/2009 8:33:00 Data File: 5M54231.D Method: EPA 8270C

Colle Calibration 2 miles 2 miles	-			111	O41,0347						
		Multi		les- area	_	Conc	Lo Hi	Initial	55	D.C. PROTECT	r=+;
TxtCompd:	Co#	Num	Туре	RT	Conc	Exp	Lim Lim	RF	RF	%Diff	riag
1,2-Diphenvlhvdrazine	1	0		8.37	52.02	50		1.063	1.106	4.04	
4-Bromophenvi-phenviether	1	0		8.69	50.98	50		0.208	0.212	1.96	
Hexachlorobenzene	1	0		8.75	54,30	50		0.193	0.209	8.60	
N-Octadecane	1	0		9.04	50.88	50		0.929	0.945	1.76	
Pentachlorophenol	_1	0	CC	8,95	48,23	50	20	0.108	0.108	3.54	
Phenanthrene	1	0		9.17	49.94	50		1.171	1.170	0.12	
Anthracene	1	0		9.22	51.14	50		1.150	1,177	2.28	
Carbazole	1	0		9.40	49.46	50		1.172	1,160	1.08	
Di-n-butvlohtnalate	1	0		9.79	52.25	50		1.418	1.482	4.50	
Fluoranthene	1	Q	_cc_	10.48	50.39	50	20	1.376	1.387	0.78	
Chrysene-d12	, 1	0	- 1	12.17	40.00	40			0.000	0.00	
Pyrene	1	0		10.74	49.17	50		1.687	1,659	1.66	
Benzidine	1	0		10.65	26.39	50		0.508	0.393	47.22	
Terphenyl-d14	1	0	S	10.94	24.36	25		1.045	1.018	2.56	
4.4'-DDE	. 1	0		10.88	50.31	***************************************	- NAME OF THE PARTY OF THE PART	0.329			
Endrin	1	Ó		11.18	54.17	50		0.096	0.104	8.34	
4 4'-DDD	1	0		11.27	51.61			0.553			
Butylbenzylphthalate	1	0		11.54	50.55	50		0.742	0.750	1.10	
Endrin aldehvde	1	0		11.18	50.94			0.052			
4.4'-DDT	1	0		11,63	50.69			0.500			
Endrin ketone	1	0		12.09	51,32			0.057			
3.3'-Dichlorobenzidine	1	0		12.15	48.62	50		0.406	0.434	2.76	
Benzolalanthracene	1	ō		12.16	49.34	50		1.519	1.499	1.32	
Chrysene	1	Ō		12,20	48.44	50		1.416	1.372	3.12	
bis(2-Ethylhexyl)phthalate	1	Ō.		12.24	51.55	50		0.950	0.979	3.10	
Pervlene-d12	1	0		13.77	40.00	40			0.000	0.00	
Di-n-octylphthalate	1	0	CC	12.99	45.52	50	20	1.645	1.684	8.96	
Benzo[b]fluoranthene	1	0		13.37	51.24	50		1.334	1.367	2.48	
Benzolkifluoranthene	1	ő		13.40	53.17	50		1.304	1.386	6,34	
Benzolalpyrene	1	0	CC	13.71	52,58	50	20	1.253	1,318	5.16	
Indeno[1,2,3-cd]pyrene	1	0		14.89	53.93	50		1.295	1.397	7.86	
Dibenzola.hlanthracene	1	Ō		14,91	53.00	50		1.078	1,142	6.00	
Benzola,h.ilpervlene	1	Ō		15.20	52.66	50		1.081	1,138	5.32	
2.2'-oxybis-(1-Chloropropane)	1	100		0.00	0.00	50			0.000	100.00	
2.4 Diaminotoluene	1	100		0.00	0.00	50			0.000	100.00	
4-Methylphenol	1	100		0.00	0.00	50		13-14-14-14-14-14-14-14-14-14-14-14-14-14-	0.000	100.00	
Dimethylnaphthalenes (Total)	1	100		0.00	0.00	50		1.157	0.000	100.00	
gamma-BHC	1	100		0.00	0.00	10			0.000	100.00	
Heptachlor	1	100		0.00	0.00	10			0.000	100,00	
Heptachlor epoxide	1	100		0.00	0.00	10			0.000	100.00	
Methoxychlor	1	100		0.00	0.00	10			0.000	100.00	
Methylnaphthaienes (Total)	4	100		0.00	0.00	50		0.717	0.000	100.00	
Toluene Diisocvanate	1	100		0.00	0.00	50			0.000	100.00	
Diaminotoluene Dihydrochloride	1	100		0.00	0.00	50			0.000	100.00	
- ATTIMITY - TO THE TOTAL OF TH	· · · · ·										

Calibration Name: CAL BNA@50PPM Cont Calibration Date/Time 12/10/2009 9:40:00 Data File: 9M22090.D Method: EPA 8270C

TxtCompd:	Coi#	Multi Num	Туре	RT	Conc	Conc Exp	Lo H Lim Lir		RF	%Diff F	lag
1.4-Dichlorobenzene-d4	1	G	l	5.72	40.00	40			0.000	0.00	
Pyridine	1	0		2.88	48.35	50		1.246	1.205	3.30	
N-Nitrosodimethylamine	1	0	_	2.81	43. <del>44</del>	50		0.773		13.12	
2-Fluorophenol	1	0	S	4.51	49.34	50		1.243		1.32	
Benzaldehyde Aniline	1	00		<u>5.34</u>	20.49	50			0,558	\$9,02	
Pentachloroethane	1 1	0		5.43	52.02	50		2.047		4.04	
bis(2-Chloroethyl)ether	1	0		5.48 5.49	51.00 49.88	50		0.596		2.00	
Phenol-d5	1	0	s	5.49 5.41	49.60	50 50		1.288 1.745	1.285	0.24	
Phenol	1	0	СС	5.42	50.78	50 50	20		1.731 _1.870	0.80 1.56	
2-Chlorophenol	1	0		5.54	51.92	50		1.428	1.483	3.84	
N-Decane	1	0		5,58	45.38	50		1.456	1.321	9.24	
1.3-Dichlorobenzene	1	0		5.67	49.22	50		1.538	1.514	1.56	
1.4-Dichlorobenzene	1	0	CC	5.73	51.42	50	20	1.562	1.606	2.84	
1.2-Dichlorobenzene	1	0		5,86	52.37	50	AMPRICATION OF THE STREET	1.474	1.544	4.74	
Benzvi alcohol	1	0		5.84	48.83	50		0.976	0.953	2.34	
bis(2-chloroisopropyf)ether	1	0		5.95	52.26	50		1.677	1.753	4.52	
2-Methylphenol	1	0		5.93	48.15	50		1.326	1.277	3.70	
Acetophenone	1	0		6.05	51.15	50		2.305	2.358	2.30	
Hexachloroethane N-Nitroso-di-n-propylamine	1	00	CP	6.13	51.59	<u>50</u>	0.05	0.608	0.627	3.18	
3&4-Methylohenol	1	0	UP.	6.05 6.05	45.48 50.51	50 50	0.05	1.150	1.046	9.04	
Naphthalene-d8	1	o o	ì	6.73	40.00	40		1.408	1.423 0.000	1.02	
Nitrobenzene-d5	1	0	Ś	6.17	23.12	25		0.180	0.000	0.00 7 <i>.</i> 52	
Nitrobenzene	. 1	ō	_	6.18	41.10	50		0.402		17.80	
Iscphorone	1	0		6.37	43.63	50	**************************************	0.761	0.664	12.74	
2-Nitrophenol	1	0	CC	6.43	49.33	50	20	0.206	0.192	1.34	
2.4-Dimethylphenol	1	0		6.46	44.92	50		0.395	0.355	10.16	
Benzoic Acid	1	0		6.54	34.93	50		0.262	0.204	30.14	
bis(2-Chloroethoxy)methane		_ <u>ō</u>		6,54	47.20	50			0.385	5.60	
2.4-Dichlorophenol	1	0	CC	6.62	46.42	50	20	0.308	0.286	7.16	
1.2.4-Trichlorobenzene Naphthaiene	1	0		6.68	48.25	50		0.345		3.50	
4-Chloroaniline	1	0		6.74 6.78	47.91	50 60		1.090	1.044	4.18	
Hexachlorobutadiene	4	0	CC	6,83	52.57 48.48	50 50	20	0.403	0.424 0.174	5.14	
Caprolactam	1	0		7.05	51.67	<u>50</u>		0.179	0.174	3,04 3,34	
4-Chloro-3-methylphenol	1	õ	CC	7.15	45.55	50	20	0.338	0.308	8.90	
2-Methylnaphthalene	1	0		7.27	48.47	50		0.761	0.737	3.06	
Methylnaphthalenes	1	0		7.27	48.65	50	20		0.737	2.70	
1.1'-Biphenvl	1	_ 0		7.65	47.54	50		1.099	1.048	4.72	
Acenaphthene-d10	1	0	Į	8.15	40.00	40			0.000	0.00	
1.2.4.5-Tetrachlorobenzene	1	0		7.41	49.15	50		0.657	0.646	1.70	
Hexachlorocyclopentadiene	1	0	CP	7.40	29.47	50	0.05	0.352	0.208	41.06	
2.4.6-Trichlorophenol 2.4.5-Trichlorophenol	1	0	CC	7.49	46.05	50	20	0.385	0.354	7.90	
2-Fluorobichenyl	1	0	S	7.53 7.56	45.05 23.68	50		0.408	0.368	9.90	
2-Chloronaphthalene	1	Ö	3	7.50 7.67	48.54	25 50		1.396 1.195	1.322 1.161	5.28	
1.4-Dimethylnaphthalene	4	Ö		7.95	48.58	50		1.262	1.226	2.92 2.84	
Dimethylnaphthalenes	i	ŏ		7.95	48.58	50	20	1,202	1.226	2.84	
Diphenyl Ether	1	0		7.73	48,43	50		0.980	0.949	3.14	
2-Nitroaniline	1	0		7.74	40.65	50		0,506	0.411	18.70	
Acenaphthylene	1	0		8.03	48.89	50		1.973	1.929	2.22	
Dimethylohthalate	1	Ð		7.89	49.31	50		1.428	1.408	1.38	
2.6-Dinitrotoluene	1	0		7.95	51.15	50			0.323	2.30	
Acenaphthene	1	0	CC	8.18	49.68	50	20	1.257	management of the contract of the land of the contract of the	0.64	
3-Nitroaniline 2.4-Dinitrophenol	1	0	CP	8.10	57.62	50	0.05	0.303	0.350	15.24	
Dibenzofuran	1	0	CP.	8.19 8.33	37.18 48.04	50	0.05	0.189	0.148	25.64	
2.4-Dinitrotoluene	1	Ö		8.31	49.48	50 50		1,704	1.637	3.92	
4-Nitrophenol	1	Ŏ.	CP	8,23	41.03	50 50	0.05	0.429 0.276	0.424	1.04 	
2.3.4.6-Tetrachlorophenol	1	0	<u> </u>	8.44	47.84	50	<u> </u>	0.324	0.310	4.32	
Fluorene	1	ŏ		8.65	48.52	50		1.433	1.390	2.96	
4-Chlorophenvi-phenvlether	1	0		8.64	50.19	50		0.645	0.648	0.38	
Diethvlahthalate	1	0		8.53	47.58	50		1.521	1.447	4.84	
1-Nitroaniline		<u> </u>		8,66	51.63	50	4-W/A	0.369	0.381	3.26	
Atrazine	1	0		9.28	49.95	50			0.464	0.10	
Phenanthrene-d10	1	0	1	9.61	40.00	40			0.000	0.00	
4.6-Dinitro-2-methylphenol	1	0	0.0	8.69	47.63	50			0.136	4.74	
n-Nitrosodiphenvlamine	1	0	ÇC	8.76	50.15	50	20	0.732		0.30	
2.4.6-Tribromophenol		0	<u> </u>	88.8	45.66	50		0.073	U.066	8.68	

CC - Continuing Calibration Check Compound N/O or N/O - Not applicable for this run

CP - System Performance Check Compound 1 - Internal Standard
\* - Failed the C or P Criteria \*\* - No limit specified in method

Page 1 of 2

Calibration Name: CAL BNA@50PPM Cont Calibration Date/Time 12/10/2009 9:40:00 Data File: 9M22090.D Method; EPA 8270C

COMIT CHILD HOLD TO A THE	•	Multi	_			Conc	Lo Hi	Initial		
TxtCompd:	Col#	Num	Type	RT	Conc	Ехр	Lim Lim	RF	RF	%Diff_Flag
1.2-Diphenylhydrazine	1	0		08.8	46.13	50		0.895		7.74
4-Bromophenvl-phenvlether	1	Ö		9.13	48.47	50		0.217	0.210	3.06
Hexachlorobenzene	1	O		9.20	45.82	50		0.194	0.177	8.36
N-Octadecane	1	ø		9.47	44.87	50		0.571	0.513	10.26
Pentachiorophenol	1	0	CC	9.40	40.23	50	20	0.137	0.110	19.54
Phenanthrene	1	0		9.63	51.04	50		1.219	1.245	2.08
Anthracene	1	0		9.69	51.19	50		1.249	1.279	2.38
Carbazole	1	٥		9.86	52.69	50		1.189	1.253	5.38
Di-n-putvlphthalate	1	0		10.24	50.03	50		1.576	1.577	0.06
Fluoranthene	_1	0	_CC	10.96	52.81	50	20	1.306	1.379	5.62
Chrysene-d12	1	0	1	12.67	40.00	40			0.000	0.00
Pyrene	1	Ò		11.23	49.64	50		1.643	1.632	0.72
Benzidine	1	Ò		11.11	25.99	50		0.557	0.367	48.02
Terphenyl-d14	1	Ō	S	11,41	24.05	25		1.119	1.077	3.80
p.p'-DDE	1	0	-	11.35	48.00			0.355		
Endrin	1	0		11,68	47.26	50		0.100	0.094	5.48
p.p'-DDD	1	ō		11.75	47.44			0.607		
Butvlbenzviphthalate	1	ō		12.00	47.75	50		0.867	0.828	4.50
Endrin aldehyde	1	ő		11,68	42.72			0.035		
a.p'-DDT	1	ŏ		12.10	47.66			0.541		
Endrin ketone	1	Ö		12.58	44.90			0.053		The state of the s
3.3'-Dichlorobenzidine	1	ō		12.62	42.34	50		0.432	0.400	15.32
Benzolalanthracene	1	ŏ		12.65	51.88	50		1,460	1.515	3.76
Chrysene	1	ő		12.69	54.07	50		1.346	1.456	8.14
bis(2-Ethylhexyl)phthalate	i	ŏ		12.70	48.14	50			1.212	3.72
Perviene-d12	1	0		14.28	40.00	40	and the state of t	Little Atlantin-	0.000	0.00
Di-n-octylphthalate	1	ō	ĊС	13.45	46.86	50	20	2.10?	1.969	6.28
Benzofbifluoranthene	1	ő	~~	13.87	46.71	50	<b>***</b> •	1,401	1.308	6.58
Benzofkifluoranthene	1	Ö		13.90	50.73	50		1.288	1.306	1.46
Benzolalpyrene	1	Õ	CC	14.22	49.78	50	20		1.272	0.44
Indeno[1,2,3-cd]pyrene	1	Ö		15,56	50.28	50		1.261	1.268	0.56
Dibenzola.hlanthracene	1	ŏ		15.58	47.80	50		1.049	1.003	4.40
Benzolo,h.ilipervlene	1	ő		15.93	50.22	50		1,030	1.035	0.44
4-Methylphenol	1	100		0.00	0.00	50		1,020	0.000	100.00
2.4 Diaminotoluene	4	100		0.00	0.00	50			0.000	100.00
2.2'-oxybis-(1-Chloropropane)	1	100		0.00	0.00	50			0.000	100.D0
Dimethylnaphthalenes (Total)	4	100		0.00	0.00	50		1.262	0.000	100.00
gamma-BHC	1	100		0.00	0.00	10		.,_0_	0.000	100.00
Methylnaphthalenes (Total)	1	100		0.00	0.00	50		0.758		100.00
Methoxychlor	1	100		0.00	0.00	10		J., 00	0.000	100.00
Diaminotoluene Dihvdrochloride	1	100		0.00	0.00	50			0.000	100.00
Heptachlor epoxíde	4	100		0.00	0.00	10			0.000	100.00
Hebtschlor Hebtschlor	4	100		0.00	0.00	10			0.000	100.00
	1	100		0.00	0.00	50			0.000	100.00
Toluene Diisocvanate		100		<u> </u>	.U.UU	20			vvv	14/3.00

Calibration Name: CAL BNA@50PPM Cont Calibration Date/Time 12/16/2009 9:44:00

Data File: 10M09059.D Method: EPA 8270C

Instrument: GCMS 10

TxtCompd:	Col#	1 1 041 11	Type	RT	Conc	Conc Exp	Lo Hi <u>Lim Lim</u>	Initial RF	RF	%Diff Fla
1.4-Dichlorobenzene-d4	1	C	1	5.21	40.00	40			0.000	0.00
Pyridine	1	Ō		2.11	54.17	50		1.257		8.34
N-Nitrosodimethylamine	1	Ō	_	2.06	51,42	50		0.710		2.84
2-Fluorophenol	1	O	S	3.94	51.45	50		1.113		2.90
Benzaldehvde		0		4,82	42.92	50			0.926	14.16
Aniline	1	0		4.92	57.34	- 50		1.613		14.68
Pentachloroethane	1	0		4.96	49.91	50		0.590		0.18
bis(2-Chloroethyl)ether	1	0	~	4.99	48.16	50		1.166		3.68
Phenol-d5	1	0	S	4.92	49.58	50		1.614		0.84
Phenol		<u> </u>	CC	4.93	48.53	50	20	1.790	rener representations,	2.94
2-Chloropherol	1	0		5.02	49.00	50		1.358		2.00
N-Decane	1	0		5.08	48.93	50		1.239	1.212	2.14
1.3-Dichlorobenzene	1	0	~~	5.16	48.05	50		1.494		3.90
1.4-Dichlorobenzene	1	0	CC	5.22	48.61	50	20	1.559	1.516	2.78
1.2-Dichlorobenzene	1	Q ,		5.35	47.63	50		1.475		4.74
Benzyl alcohol	,	0		5.34	49,13	50		0.863	0.848	1.74
ois(2-chloroisopropyl)ether	1	0		5.45	47.77	50		1.203	1,149	4.46
2-Methylphenol	1	Ö		5.44	47,70	50		1.246	1.189	4.60
Acetophenone	1	Ō		5.55	47.77	50		2.263	2.162	4.46
dexachloroethane	1	<u> </u>		5.62	49.15	50		0.581		1.70
V-Nitroso-di-n-propylamine	1	0	CP	5.56	48.99	50	0.05	1.032	1.011	2.02
3&4-Methylphenol	1	0	1	5.58	48.43	50		1.311	1.270	3.14
Vaphthalene-d8	1	0	1	6.23	40.00	40			0.000	0.00
Nitrobenzene-d5	1	0	S	5.68	25.85	25		0.166	0.171	3.40
Vitrobenzene	1	<u> </u>		5.69	47.53	50			0,351	4.94
sophorone	1	0	en en	5.88	47.97	50		0.677	0.649	4.06
2-Nitrophenol	1	Ö	CC	5.94	48.38	50	20	0.198		3.24
2.4-Dimethylphenol	1	0		5.98	48.45	50		0.368		3.10
Benzolc Acid	1	Õ		6.07	51.27	50		0.233		2.54
pis(2-Chloroethoxy)methane	1	<u>0</u>	Comme Description of the Comment of	6.05	46.94	50_	Elfar deservededet		0.368	6.12
2.4-Dichlorophenol	1	٥	CC	6.13	48.91	50	20	0.312		2.18
1.2.4-Trichlorobenzene	1	0		6.19	48.38	50			0.350	3.24
Vaphthalene	1	٥		6.24	47.60	50		1.084	1.032	4.80
I-Chiorcaniline	1	0		6.29	58.60	50			0.418	17.20
lexachlorobutadiene	1	<u> </u>	_cc_	6.33	48.58	50	20		0.204	2.84
Caorolactam	1	0		6.56	47.83	50		0.127	0.122	4.34
1-Chierc-3-methylphenol	1	0	CC	6.66	49.01	50	20	0.329	0.323	1.98
2-Methvinaphthalene	1	0		6.76	47.91	50		0.755	0.724	4.18
Methylnaphthalenes	1	0		6.76	47.91	50	20		0.724	4.18
1.1'-Biohenvl	1	0		7.11	47.30	50		1.107	1.047	5.40
Acenaphthene-d10	1	0	ŧ	7.57	40.00	40			0.000	0.00
I.2.4.5-Tetrachlorobenzene	1	0		6.88	48.33	50		0.757	0.732	3.34
Hexachlorocyclopentadiene	1	Ō	CP	6.87	44.85	50	0.05	0.085		10.30
2.4.6-Trichlorophenol	1	0	CC	6.97	50.34	50	20	D.376	0.379	0.68
2.4.5-Trichlorophenol	1	0		7.00	49.09	50			0.401	1.82
-Fluorobiphenvi	1	0	S	7.03	24.40	25		1.377	1.344	2.40
-Chloronaphthalene	1	0		7.13	48.05	50		1.192	1.146	3.90
L4-Dimethvinaphthalene	1	0		7.39	47.41	50		1.295	1.228	5.18
Dimethylnaphthalenes	1	0		7.39	47.41	50	20		1.228	5.18
Diphenyl Ether	1	0	*****	7.19	48.18	50			0.963	3.64
-Nitroaniline	1	0		7.21	57.64	50		0.362		15.28
cenaphthylene	1	O		7.45	47.87	50		1.981	1.897	4.26
imethylphthalate	1	0		7.35	46.77	50			1.320	6.46
.6-Dinitrotoluene	1	0		7.40	46.81	50		0.325		6.38
cenaphthene	1	0	CC	7.60	47.96	50_	20	1.263	1.211	4.08
-Nitroaniline	1	0		7.54	58.25	50			0.322	16.50
.4-Dinitrophenol	1	0	CP	7.64	56.12	50	0.05	0.129	0.135	12.24
ibenzofuran	1	0		7.75	47.44	50			1.689	5.12
.4-Dinitrotoluene	1	0		7.74	50.48	50		0.429	0.433	0.96
-Nitrophenol	1	_0	_CP	7.69	51.59	50	0.05	0.176	0.182	3.18
.3.4.6-Tetrachicrophenol	1	0		7.85	51.57	50		0.338	0.348	3.14
luorene	1	0		8.05	48.45	50			1.438	3.10
-Chlorophenyl-phenylether	1	0		8.05	47.33	50		0.740		5.34
iethvlphthalate	1	0		7.94	48.97	50		1.427		2.06
-Nitroaniline	1	0		8.07	52.70	50	V=101-00-00	0.333		5.40
trazine	1	0		8.68	48.28	50		0.490		3,44
henanthrene-d10	1	Ō	l	8.96	40.00	40			0.000	0.00
.6-Dinitro-2-methylphenol	1	ō		8.11	51.23	50		0.136		2.46
-Nitroscdiphenvlamine	1	Ö	CC	8.15	48.96	50 50	20	0.729		2.40
4.6-Tribromophenol	1	õ	S	8.27	51.20	50 50		0.723		2.40

CC - Continuing Calibration Check Compound N/O or N/O - Not applicable for this run

Page 1 of 2

CP - System Performance Check Compound 1 - Internal Standard \* - Failed the C or P Criteria

<sup>\*\* -</sup> No limit specified in method

Calibration Name: CAL BNA@50PPM Cont Calibration Date/Time 12/16/2009 9:44:00

Data File: 10M09059.D Method: EPA 8270C

						_	_					
TxtCompd:	Co#	Multi Num	Туре	RT	Conc	Conc Exp	Lo Lim	Hi Lim	Initial RF	RF	%Diff	Flag
1.2-Diphenvlhvdrazine	1	0		8.19	49,88	50			0,760	0.759	0.24	
4-Bromophenyl-phenylether	1	0		8.51	48.31	50			0.254	0.245	3,38	
Hexachlorobenzene	1	0		8.57	48.90	50			0.267	0.261	2.20	
N-Octadecane	1	Ó		8.85	48.98	50			0.451	0.442	2.04	
Pentachlorophenol	1	0	CC	8.77	55.57	50	20		0.099	0.107	11.14	
Phenanthrene	1	0		8.98	48.89	50	Control of the State of the Sta	,	1.219	1.192	2.22	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,
Anthracene	1	0		9.04	48.69	50			1.242	1,210	2.62	
Carbazole	1	Ó		9.21	49.45	50			1.168	1.155	1.10	
Di-n-butvlohthalate	1	0		9.60	50.17	50			1.399	1.404	0.34	
Fluoranthene	i	ō	CC	10.28	49.86	50	20		1.357	1.353	0.28	
Chrysene-d12	1	0	an artification of the	11.96	40.00	40	COMPRESSION OF THE PARTY OF THE		A. M. A. W. C. St.	0.000	0.00	
Pyrene	1	ŏ		10.53	46.77	50			1.527	1.428	6,46	
Benzidine	1	ŏ		10.45	54.91	50			0.396	0.473	9.82	
Terphenyl-d14	1	ŏ	S	10.73	23.31	25			1.131	1.055	6.76	
4.4'-DDE	1	Õ	~	10.67	46.05	20			0.358	7.000	0.70	
Endr n	1	Ō		10.97	44.87	50			0.068	0.061	10.26	
4.4'-DDD	i	ŏ		11.07	47.22	50			0.575	0.001	10.20	
Butylbenzylphthalate	1	ŏ		11.33	46.97	50			0.658	0.618	6.06	
Endrin aldehyde	1	Ö		10.97	44.08	00			0.029	0.010	0.00	
4.4'-DDT	1	Ö		11.42	48.82				0.497			
Endrin ketone	1	Ö		11.87	49,91				0.074		***************************************	
3.3'-Dichlorobenzidine	1	Ö		11.93	65.73	50			0.353	0.469	31.46	
Benzolalanthracene	i	ā		11.95	49.02	50			1.472	1.443	1.96	
Chrysene	1	õ		11.99	47.64	50 50			1.393	1.327	4.72	
bis(2-Ethylhexyl)phthalate	1	ő		12.03	48.95	50			0.911	0.892	2.10	
Pervlene-d12	1	0		13.55	40.00	40			<u> </u>	0.000	0.00	
Di-n-octviphthalate	1	ő	cc	12.77	46.85	50	20		1.440	1,349	6.30	
Benzofbifluoranthene	1	Ö	00	13.15	51.18	50	2.0		1.245	1.274	2.36	
Benzolklfluoranthene	1	ő		13.19	46.02	50			1.274	1.172	7.96	
Benzofalovrene	1	ŏ	CC	13.49	49.46	50 50	20		1.200	1.187	1.08	
Indenof1.2.3-cdlpvrone	1	Ö		14.62	52,67	50	<del></del>		1.305	1.375	5.34	4(r)rmm/
Dibenzola hlanthracene	4	Ö		14.63	52.35	50			1.085	1.136	4.70	
Benzola.h.ilpervlene	1	ō		14.90	52.21	50			1,093	1.141	4.42	
Dimethylnaphthalenes (Total)	1	100		0.00	0.00	50			1.295	0.000	100.00	
gamma-BHC	1	100		0.00	0.00	. 10			1.2.00	0.000	100.00	
Diaminotoluene Dihvdrochloride	4	100	****	0.00	0.00	50				0.000	100.00	
2.2'-oxybis-(1-Chloropropane)	1	100		0.00	0.00	50				0.000	100.00	
Methylnaphthalenes (Total)	1	100		0.00	0.00	50			0.755	0.000	100.00	
Toluene Disocvanate	4	100		0.00	0.00	50			0.700	0.000	100.00	
Heptachlor epoxide	4	100		0.00	0.00	10				0.000	100.00	
Methoxychlor	1	100	***************************************	0.00	0.00	10		***************************************	***************************************	0.000	100.00	
4-Methylphenol	1	100		0.00	0.00	50				0.000	100.00	
2.4 Daminotoluene	1	100		0.00	0.00	50 50				0.000	100.00	
Heptachlor	4	100		0.00	0.00	10				0.000	100.00	
Lichterijini	- 1	144		<u> </u>	V.VV					V. UVV	140.00	

Calibration Name: CAL BNA@50PPM Cont Calibration Date/Time 12/16/2009 11:58:00 Data File: 9M22164.D Method: EPA 8270C

TxtCompd:	Col#	Multi Num	Туре	RT	Conc	Conc Exp	Lo Lim I	Hi Lim	Initial RF	RF	%Diff	Flag
1.4-Dichlorobenzene-d4	1	0	[	5.72	40.00	40		<del></del>		0.000	0.00	•
Pvridine	1	0		2.88	60.06	50			1.072	1,287	20.12	
N-Nitrosodimethylamine	1	0		2.81	61.25	50			0.633	0.810	22,50	
2-Fluorophenol	1	Ø	S	4.52	50.51	. 50			1.175	1.187	1.02	
Benzaldehvde		0		5.34	45.31	50			1.178	and to account the same of the same	9.38	
Aniline	1	0		5.44	58.97	50			1.763	2.078	17.94	
Pentachloroethane	1	0		5.48	52,63	50				0.611	5.26	
ois(2-Chloroethyl)ether	1	0	_	5.50	48.42	50			1.328	1.286	3.16	
Phenol-d5	1	0	S	5.41	48.39	50			1.775	1.718	3.22	
Phenol		<u>0</u>	CC	5.42	49.25	<u>50</u>	20		1,891	1.862	1.50	
2-Chlorophenol	1	Q.		5.54	47.58	50			1.469	1.398	4.84	
N-Decane 1.3-Dichlorobenzene	1 1	α .		5.59	67.91	50			1.189	1.615	35.82	
1.4-Dichlorobenzene	1	0	CC	5.67	50.93	50 50	20		1.461	1.489	1.86	
1.4-Dichlorobenzene	1	0	CC	5.74	48.67 47.54	50 50	20		1.543	1.502	2.66	
Benzyl alcohol	1	0		<u>5.86</u> 5.83	48.99	50 50	nathern (et ansesses			1.402	4.92	
ois(2-chloroisopropyl)ether	1	0		5.95	46.99 59.60	50 50			0.935	0.917	2.02	
2-Methylphenol	1	0		5.93	47.65	50 50			1.758 1.333	2.096 1.271	19.20 4.70	
Acetophenone	1	o o		5.93 6.05	46.25	50						
-cerobhenone -lexachloroethane	1	0		6.13	49.43	50 50			2.523	2.333 0.617	7.50	
N-Nitroso-di-n-propylamine		<u>u</u>	CP	6.05	50.70	<u>១ប</u> 50	0.05		1.103	1.119	1.14 1.40	
3&4-Methylphenol	; 1	0	OF-	6.05	45.18	50 50	U.VO		1.504	1.119	9.64	
Vaphthalene-d8	1	Ö	ı	6.73	40.00	40			1.004	0.000	0.00	
Nitrobenzene-d5	1	Ö	Ś	6.17	24.59	25			0.168		1.64	
Vitrobenzene	1	0	0	6.19	56.81	50 50				0.103	13.62	
sophorone	1	0		6.38	53.25	50			0.682	0.726	6.50	
2-Nitrophenol	4	ő	CC	6.44	51.75	50	20		0.181	0.127	3.50	
2.4-Dimethylphenol	1	ŏ		6.47	51.90	50	20		0.362		3.80	
Benzoic Acid	1	ŏ		6.54	49.05	50				0.198	1.90	
ois(2-Chloroethoxv)methane	1	Õ		6.54	52.82	50				0.416	5.64	
2.4-Dichlorophenol	1	Ö	CC	6.62	47.88	50	20		0.292	0.279	4.24	
1.2.4-Trichlorobenzene	1	ő		6.69	49.16	50			0.320	0.314	1.68	
Naphthalene	1	ō		6.75	50.56	50			1,044	1.056	1.12	
I-Chloroaniline	1	Ó		6.78	60.42	50			0.334		20.84	
-lexachiorobutadiene	1	0	CC	6.84	46.80	50	20			0.155	6.40	
Caprolactam	1	0		7.06	43.91	50			0.153	0.134	12.18	
4-Chloro-3-methylphenol	1	0	CC	7.15	47.02	50	20		0.331	0.311	5.96	
2-Methvinaphthalene	1	0		7.28	48.54	50			0.742	0.720	2.92	
Viethvinaphthalenes	1	0		7.28	48.54	50	20			0.720	2.92	
I.1'-Biphenvi	11	0		7.65	46,94	50	nang namp and typy by syrpey year	***********	1.092	1,025	6.12	
Acenaphthene-d10	1	0	1	8.15	40.00	40				0.000	0.00	
1.2.4.5-Tetrachlorobenzene	1	0		7.41	51.60	50			0.607	0.627	3.20	
-lexachlorocyclopentadiene	1	0	CP	7.40	50.38	50	0.05		0.188	0.182	0.76	
2.4.6-Trichlorophenol	1	0	CC	7.50	50.15	50	20		0.338	0.339	0.30	
2.4.5-Trichlorophenol		0	***************************************	<u> 7,53                                    </u>	48.58	50_			0.378	0.367	2.84	
?-Fluorobiphenvl	1	0	S	7.56	26.72	25			1.299	1.388	6.88	
!-Chloronaphthalene	1	0		7.67	51.81	50			1.145	1.187	3,62	
.4-Dimethvinachthalene	1	0		7.95	52.51	50			1.246	1.308	5.02	
Dimethylnaphthalenes	1	0		7.95	52.51	50	20			1.308	5.02	
Diphenyl Ether		0		<u> 7.73</u>	53.12	50			0.936		6.24	
l-Nitroaniline	1	0		7.75	63.10	50			0.418		26.20	
cenaphthylene	1	0		8.03	50.94	50			1.943	1.979	1.88	
Dimethylphthalate	1	Ö		7.89	47.76	50				1.375	4.48	
.6-Dinitrotoluene	1	Õ	~~	7.95	50.78	50			0.320	0.324	1.56	
cenaphthene	1	<u> </u>	_cc	8.18	50.85	50	20		1.239		1.70	
I-Nitroaniline	1	Ö	/~ rm	8.10	56.13	50	0.00			0.351	12.26	
2.4-Dinitrophenol	1	0	CP	8.19	48.82	50	0.05			0.133	2.36	
Dibenzofuran	1	0		8.34	48.42	50				1.661	3.16	
.4-Dinitrotoluene	1 1	0	CP	8.31	47.36	50 50	0.05			0.417	5.28	
-Nitrophenol	1	0	<u></u>	8.23	61.67	50 50	0.05			0.283	23,34	
:.3,4,6-Tetrachiorophenoi Tuorene		0		8.44 8.66	42.80	50 50			0.329	0.281	14.40	
-Chiorophenyl-phenylether					48.16	50 50			1.461	1.407	3.68	
Chiorophenvi-phenviether Diethviphthalate	1	0		8.65	46.12	50 50				0.614	7.76	
	1	0		8.53 8.66	48.06	50 50				1.506	3.88	
-Nitroaniline	<u></u>	0		8.66	47.85	50				0.380	4.30	
trazine henanthrene-d10	1		1	9.29	42.32	50			0.504	0,427	15.36	
	1	0	i	9.61	40.00	40 50			n 407	0.000	0.00	
		0		8.69	50.65	50			0.127	U. 127	1,30	
.6-Dinitro-2-methylphenol -Nitrosodiphenylamine	1	0	CC	8.76	53.72	50	20		886.0	0.700	7.44	

CC - Continuing Calibration Check Compound

CP - System Performance Check Compound 1 - Internal Standard

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N/O or N/O - Not applicable for this run

<sup>\* -</sup> Failed the C or P Criteria

Calibration Name: CAL BNA@50PPM Cont Calibration Date/Time 12/16/2009 11:58:00 Data File: 9M22164.D Method: EPA 8270C

TxtCompd:	Co#	Multi Num	Туре	ŔŦ	Conc	Conc Exp	Lo Hi Lim Lim	Initial RF	RF	%Diff	Flag
1.2-Diphenvlhvdrazine	1	0		8,80	62.63	50		0.785	0.983	25.26	
4-Bromophenvi-phenviether	1	ő		9.13	49.56	50		0.199	0.198	0.88	
Hexachlorobenzene	1	Ö		9.20	50.02	50			0.185	0.04	
N-Octadecane	j	ő		9.47	72.63	50		0.465	0.675	45.26	
Pentachlorophenol	1	Õ	CC	9.40	50.93	50	20	0.101		1.86	
Phenanthrene	1	Ō		9.64	49.48	50		1.218	1.205	1.04	
Anthracene	1	Ö		9.69	50.98	50		1.228	1.251	1,92	
Carbazole	1	Õ		9.86	48.70	50		1.244	1,211	2.60	
Di-n-butylphthalate	1	õ		10.24	50.21	50		1,588	1.594	0.42	
Fluoranthene	1	ŏ	CC	10.96	45.77	50	20	1.385	1.268	8.46	
Chrysene-d12	1	O C	i	12.67	40.00	40		jugungge je To Too a Time filoto	0.000	0.00	
Pyrene	1	õ	•	11.23	51.84	50		1.578	1.636	3.68	
Benzidine	1	õ		11.12	55.42	50		0.493	0.585	10.84	
Terphenyl-d14	1	ā	S	11.42	23.51	25		1.091	1.025	5.96	
p.p'-DDE	1	Ö		11.35	47.53			0,326			
Endrin	1	Õ		11.68	62.85	50		0.095	0.120	25.70	
p.p'-DDD	4	ő		11.75	48.45			0.583			
Butvibenzviphthalate	1	Ö		12.01	53.39	50		0.833	0.890	6.78	
Endrin aldehyde	ì	ŏ		11.68	71.06			0.029	0.000		
p.p'-DDT	1	Ô		12.11	49.56			0.493			
Endrin ketone	1	Ö		12.59	54.73			0.051			
3.3'-Dichlorobenzidine	1	Ö		12.63	55.44	50		0.377	0.430	10.88	
Benzolalanthracere	i	ŏ		12.65	46.04	50		1.539	1.417	7.92	
Chrysene	1	0		12.70	46.23	50		1.427	1.320	7.54	
bis(2-Ethylhexyl)phthalate	1	õ		12.70	54.28	50		1.188	1.290	8.56	
Pervlene-d12	1	Ö	1	14.28	40.00	40			0.000	0.00	
Di-π-octviphthalate	1	ő	cc.	13.45	55.71	50	20	1.919	2.138	11.42	
Benzofblfluoranthene	1	ő	~~	13.87	48.26	50		1.362	1.314	3.48	
Benzolklfluoranthene	1	ŏ		13.90	49.73	50		1.265	1.258	0.54	
Benzolalpyrene	1	ŏ	CC	14.22	47.90	50	20	1.269	1.215	4.20	
Indenol1.2.3-cdlpyrene	1	Ŏ		15.56	48.07	50		1.350	1.298	3.86	
Dibenzofa.hlanthracene	1	ŏ		15.59	50.20	50		1.078	1.082	0.40	
Benzola, h. il perviene	•	ŏ		15.93	47.42	50		1.124	1,066	5.16	
2.4 Diaminotoluene	1	100		0.00	0.00	50			0.000	100.00	
Toluene Disocyanate	1	100		0.00	0.00	50			0.000	100.00	
2.2'-oxybis-(1-Chloropropane)	1	100		0.00	0.00	50			0.000	100.00	
Methylnaphthalenes (Total)	4	100		0.00	0.00	50		0.742	0.000	100.00	
Methoxychlor	1	100		0.00	0.00	10		217 10	0.000	100.00	
Dimethylnaphthalenes (Total)	1	100		0.00	0.00	50		1.246		100.00	
Heptachlor epoxide	1	100		0.00	0.00	10		,,,,,	0.000	100.00	
Heptachlor	1	100		0.00	0.00	10			0.000	100.00	
gamma-BHC	4	100		0.00	0.00	10			0.000	100.00	
Diaminotoluene Dihvdrochloride		100		0.00	0.00	50			0.000	100.00	
4-Methylphenol	1	100		0.00	0.00	50			0.000	100.00	
T-WENTANICHAI	1										

Calibration Name: CAL BNA@50PPM Cont Calibration Date/Time 12/17/2009 9:04:00

Data File: 10M09086.D Method: EPA 8270C

Cont Calibration Date/Ti	me 12/17	7/2009 !	9:04:00	N	Method: EPA	8270C				
TxtCompd:	Co#	Multi Num	Туре	RT	Conc	Conc Exp	Lo H Lim Lir		RF	%Diff Flag
1.4-Dichlorobenzene-d4	1	0		5.20	40.00	40			0.000	0.00
Pvridine	1	0		2.10	53.97	50		1.257		7.94
N-Nitrosodimethylamine	1	0		2.05	50.97	50		0.710		1.94
2-Fluorophenol	1	0	S	3.94	50.80	50		1,113		1.60
Benzaldehvde	1	0		4.82	40.13	50_		1,137		19.74
Aniline	1	0		4.92	58.94	50		1,613	1,939	17.88
Pentachloroethane	1	0		4.95	49.82	50		0.590	0.588	0.36
bis(2-Chloroethyl)ether	1	0		4.99	48.99	50		1.166	1.142	2.02
Phenol-d5	1	0	S	4.91	49.71	50		1.614	1.605	0.58
Phenol	1	0	CC	4.92	49,80	50	20		1.783	0.40
2-Chlorophenol	1	0		5.02	51.19	50		1.358		2.38
N-Decane	1	0		5.08	48.45	50		1.239		3.10
1.3-Dichlorobenzene	1	0		5.15	49.00	50		1.494	1.464	2.00
1.4-Dichlorobenzene	1	0	CC	5.22	48.74	50	20	1.559	1.520	2.52
1.2-Dichlorobenzene	1	0		5,34	49.19	50		1,475		1,62
Benzyl alcohol	1	0		5.33	51.01	50	***************************************	0.863	0.880	2.02
bis(2-chioroisopropyl)ether	i	Õ		5.45	49.50	50		1.203	1.191	1.00
2-Methylphenol	i	ō		5.44	49.13	50		1.246	1.224	1.74
Acetophenone	1	Ö		5.55	50.61	50		2.263		1.22
Hexachloroethane	1	0		5.61	50.84	50				
N-Nitroso-di-n-propylamine	<u>-</u> 1	<u>v</u>	CP		,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,		0.05	0.581		<u> 1.68</u>
3&4-Methylphenol	1	0	UP	5.55	50.26	50	0.05	1.032	1.037	0.52
	1	-		5.56	49.58	50		1.311	1.300	0.84
Nachthalene-d8	1	0	Ĭ	6.22	40.00	40		A 10-	0.000	0.00
Nitrobenzene-d5	1	0	S	5.67	25.31	25		0.166		1.24
Nitrobenzene		<u> </u>		5.68	49,96	50_		0.369	0.369	0.08
sophorone	]	0	~ ~	5.87	49.75	50		0.677	0.673	0.50
2-Nitrophenol	1	0	CC	5,93	51.29	50	20	0.198	0.203	2.58
2.4-Dimethylphenol	1	0		5.98	50.31	50		0.368	0.370	0.62
Benzoic Acid	1	0		6,07	49.15	50		0.233		1.70
bis(2-Chloroethoxv)methane	1	_0		6,05	48,43	50	******	0.392		3.14
2.4-Dichlorophenol	1	0	CÇ	6.12	49.82	50	20	0.312	0.311	0.36
1.2.4-Trichlorobenzene	1	0		6,18	49.41	50		0.361	0.357	1.18
Nachthalene	1	0		6.23	48.38	50		1.084	1.049	3.24
4-Chloroaniline	1	0		6.28	61.31	50			0.436	22.62
Hexachlorobutadiene	1	0	CC -	6.32	49.18	50	20		0.206	1.64
Caprolactam	1	0		6,55	51.92	50	*·	0.127	0.132	3.84
4-Chioro-3-methylphenol	1	0	CC	6.65	49.30	50	20	0.329		1.40
2-Methylnaphthalene	1	ō		6.75	49.46	50		0.755	0.747	1.08
Methylnaphthalenes	1	ō		6.75	49.46	50	20	0,,00	0.747	1.08
1.1'-Biphenvl	1	ŏ		7.10	49.08	50	20	1 107	1.087	1.84
Acenaphthene-d10	1	Ö		7.56	40.00	40		1.107	0.000	0.00
1.2.4.5-Tetrachiorobenzene	1	Ö	'	6.88	48.06	50		0.757		
Hexachlorocyclopentadiene	1	Ö	CP	6.86			0.05			3.88
2.4.6-Trichlorophenol	1	0	CC		41.59	50	0.05		0.050	16.82
	1	-		6.97	50.93	50	20		0.383	1.86
2.4.5-Trichlorophenol		<u> </u>		7.00	50,04	50			0.408	0.08
2-Fluarabiohenvi	1	0	S	7.02	23.84	25		1.377	1.314	4.64
2-Chloronaphthalene	1	0		7.12	47.96	50		1.192	1.144	4.08
.4-Dimethvlnaphthalene	1	0		7.38	48.06	50		1.295	1.245	3.88
Dimethylnaphthalenes	1	Ö		7.38	48.06	50	20		1.245	3.88
Diphenvl Ether		0.		7.18	48.27	50	**************************************	1.000	0.965	3.46
2-Nitroaniline	1	0		7.20	57.33	50		0.362	0.415	14.66
cenaphthylene	1	0		7.45	48.01	50		1.981	1.903	3.98
Dimethylohthalate	1	0		7.34	48.06	50		1.411	1.356	3.88
.6-Dinitrotoluene	1	0		7.39	47.83	50		0.325	0.311	4.34
cenaphthene	1	0	CC	7.59	47,58	50	20	1,263		4.84
-Nitroaniline	1	0		7.53	60.84	50			0.336	21.68
l.4-Dinitrophenol	1	0	CP	7.63	56.82	50	0.05	0,129	0.137	13.64
Dibenzofuran	1	0		7.74	48.04	50			1.710	3.92
.4-Dinitrotoluene	1	ō		7.74	49.45	50		0,429	0.424	1.10
-Nitrophenol	i	. D.	CP	7.68	52.55	50	0.05	0.176		5.10
.3.4.6-Tetrachlorophenol	1	D		7.84	51.80	50		0.338	0.350	3.60
luorene	1	Ö		8.04	48.84	50		1.484	1.450	2.32
-Chlorophenvi-phenviether	1	Ö		8.04	48.48	50 50		0.740		2.32 3.04
Diethylphthalate	1	Ö		7.93	48.24	50 50				
-Nitroaniline	11	Ö							1.376	3.52
::::::::::::::::::::::::::::::::::::::	1	0		8.06	51.12	50 50		0.333		2.24
itrazine ihenanthrene-d10			ŧ	8.67	48.67	50		0.490		2.66
	1	0	1	8.95	40.00	40			0.000	0.00
.6-Dinitro-2-methylphenol	1	0	~~	8.11	51.24	50	<b></b> -	0.136		2.48
-Nitrosodiphenvlamine	1	0	ČC	8.15	48.27	50	20	0.729		3.46
2.4.5-Tribromophenol	1	_Q	<u> </u>	8.26	51.79	50		0.116	0.120	3.58

CC - Continuing Calibration Check Compound N/O or N/O - Not applicable for this run

CP - System Performance Check Compound I - Internal Standard
\* - Pailed the C or P Criteria \*\* - No limit specified in method

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Note:

#### Internal Standard Areas

Evaluation Std Data File: 5M53688.D

Method: EPA 8270C

Analysis Date/Time: 11/16/09 08:23

Lab File ID: CAL BNA@50PPM

	ŀ	1	12		13		14		15		16	
	Area	RT	Area	RT	Area	RT	Area	RT	Area	RT	Area	RT
Eval File Area/RT:	41529	5.43	155021	6.45	90741	7.83	157604	9.26	139111	12.29	143956	13.89
Eval File Area Limit:	20764	-83058	77510-31	10042	45370-18	31482	78802-31	5208	69556-2	78222	71978-2	87912
Eval File Rt Limit:	4.93	-5.93	5.95-6	.95	7.33-8	.33	8.76-9	.76	11.79-	12.79	13.39-	14.39
Data File Sample										- Valley Control		
5M53688 D CAL BNA	DSC 415	29 5.43	3 155021	6.45	90741	7.83	157604	9.26	139111	12.29	143956	13.89
5M53689 D CAL BNA	D2F 473	23 5.43	3 180455	6.45	105438	7.83	162589	9.25	144068	12.29	147813	13,89
M53690.D CAL BNA	D1C 486	45 5.42	2 180824	6.44	101923	7.82	169554	9.25	149572	12.28	156386	13.89
5M53691.D CAL BNA@	D2C 444	36 5.42	2 166049	6,44	91662	7.82	157512	9.25	139763	12.29	144026	13.8
5M53692.D CAL BNA@	DSC 397	56 5.42	2 153829	6.44	86545	7.83	150204	9.25	125611	12.29	131674	13.8
5M53693.D CAL BNA		83 5.43	3 151163	6.44	89663	7.83	148042	9,25	125665	12.29	131693	13.8
M53694.D CAL BNA		21 5.47	2 143518	6.45	82539	7,83	144098	9.25	119738	12 29	121066	13.8
5M53695 D CAL BNA@		05 5.43	3 148089	6.45	86768	7.83	151185	9.25	116678	12.30	122544	13.8
5M53696.D ICV BNA@	50 457	42 5.43	3 173221	6.44	97178	7.83	160808	9.25	144168	12 29	136804	13.8
5M53697.D WMB4319		52 5.43	3 190877	6.45	109939	7.83	174928	9.25	153782	12.29	149726	13.8
5M53698.D WMB4319		23 5.42	143410	6.44	86561	7.82	147141	9.25	122186	12.29	117638	13.8
5M53701.D AC48310-0		82 5.42	2 166741	6.44	94292	7.82	149006	9.25	136076	12.28	136717	13.8
5M53702.D AC48310-0		92 5.42	2 165456	6 44	94710	7.82	153476	9.25	131359	12.28	129098	13.8
5M53703 D AC48310-0	10 433	12 5.42	176833	6.44	102286	7.82	164483	9.25	137435	12.28	133626	13.8
5M53704.D AC48310-0	112 444	03 5.42	2 183964	6.44	103888	7.82	168706	9.25	145562	12.28	139927	13.8
M53706.D AC48313-0		53 5,42	151265	6.44	87329	7.83	153825	9.25	125911	12.29	121297	13.8
5M53707.D AC48313-0		51 5.42	160192	6 44	97778	7.83	166044	9.25	137769	12.29	130734	13.8
5M53708.D AC48311-0		89 5.42	2 179733	6.44	106362	7.82	177963	9.25	154296		146597	13.8
5M53709.D AC48311-0			192706	6 44	108056	7.82	175647	9.25	149745		143068	13.8
M53712.D. AC48315-0				6.44	96647			9.25	126576		118951	13.8
5M53713.D AC48315-0			169164	6.44	97534	m	155457	9.25	123460		117109	13.8
5M53714.D AC48315-0					100755			9.25	127076		113381	13.89

<b>}</b> ( =	1.4-Dichlorohenzene-d4
12 =	Nanhthalene-d8
17	Ananamhthana 410

14 = Phenanthrene-d10 15 = Chrysene-d12 16 - Pervlene-d12 625/8270 Internal Standard concentration = 40 mg/L (in final extract) 624/8260 Internal Standard concentration = 30 ug/L 524 Internal Standard concentration =5 ug/L

#### QC Limits:

#### nternal Standard Areas

Upper Limit = + 100% of internal standard area from daily callor mid pt. Lower Limit = - 50% of internal standard area from daily callor mid pt.

#### Flags:

A - Indicates the compound failed the internal standard area criteria

R - Indicates the compound failed the internal standard retention time criteria.

Retention Times: Limit = within +/- 0.5 min of internal standard retention time from the daily call or mid pt.

#### Internal Standard Areas

Evaluation Std Data File: 9M21689.D

Method: EPA 8270C

Analysis Date/Time: 11/15/09 08:59

Lab File ID: CAL BNA@50PPM

	ş					***************************************							
		11		12		13		14		15		16	
		Area	RT	Area	RT	Area	RT	Area	RT	Area	RT	Area	RT
Eval File Ar	rea/RT: 2	4980	5.90	97873	6.90	57173	8.34	97016	9.83	81001	12.88	80430	14.52
Eval File Area	a Limit:	12490-49	9960	48936-19	5746	28586-1	14346	48508-19	4032	40500-1	62002	40215-1	60860
Eval File R	t Limit:	5.4-6.	4	6.4-7	.4	7.84-8	.84	9.33-10	.33	12.38-	13.38	14.02-	15.02
Data File S	Sample												
9M21689.D.C	AL BNA@50	24980	5.90	97873	6.90	57173	8.34	97016	9.83	81001	12.88	80430	14.5
9M21690.D C	AL BNA@2F	18971	5.89	72436	6.89	43929	8.34	73370	9.81	60757	12.88	62973	14.5
9M21691.D C	AL BNA@10	15917	5.90	66368	6.90	40066	8.34	69522	9.82	63974	12.88	68727	14.5
9M21692.D C	ALBNA@20	25426	5.90	99202	6.90	58146	8.34	100099	9.82	88774	12.88	90557	14.5
9M21693.D.C	AL BNA@80	24535	5.90	94876	6.90	56818	8.35	95494	9.83	77666	12.88	76638	14.5
3M21694.D C	AL BNA@12	25449	5.90	95109	6.90	56450	8.35	98098	9.83	79254	12.89	75799	14.5
3M21695.D C	AL BNA@16	25659	5,90	103117	6.90	60167	8.35	98914	9.83	80686	12.90	71961	14.5
ėм21696.D С	AL BNA@19	21280	5,90	83975	6.90	49060	8.35	83669	9.83	64213	12.90	64359	14.5
9M21697.D (C	CV BNA@50	23114	5.90	93330	6.90	54503	8.34	96320	9.83	83578	12.88	81332	14.5
<u> 9M21698 D V</u>	VMB4319	24835	5.90	95789	6,90	58731	8.35	100549	9.83	83748	12.88	83302	14.5
9M21699.D E	F-1 V-76578	21380		81098	6,90	49575	8,34	83623	9.82	71610	12.88	67913	14.5
9M21700.D A	C48372-001i	23402	5,90	93059	6.90	51518	8.34	82909	9.82	67787	12.88	67218	14.5
9M21703.D A	C48348-001	23029	5.90	92468	6.90	53809	8.34	89020	9,83	77375	12.88	78745	14.5
PM21704.D A	C48348-002	21280	5.90	84923	6.90	50035	8,34	83161	9.82	71708	12.88	69726	14.5
9M21705.D A		22775	5,90	84519		49998	8.34	80993	9.82	70092	12.88	70966	14.5
M21706.D A	C48348-004	23637	5.90	91460		53250	8.34	88232	9.82	77940	12.88	77906	14.5
9M21707.D A	C48348-005	22834	5.90	84229		49273	8.34	85574	9.82	70768	12 88	70827	14.5
9M21708.D A	C48348-006	22801	5,90	79473	6.90	47051	8.35	81182	9.83	71269	12.88	69110	14.5

]] ==	1.4-Dichlorobenzene-d4
12 =	Nanhthalene-dS
17	Aconomistiona diff

I4 = Phenanthrene-d10 I5 = Chrvsene-d12 I6 = Pervlene-d12 625/8270 Internal Standard concentration = 40 mg/L (in final extracti 624/8260 Internal Standard concentration = 30 ug/L 524 Internal Standard concentration = 5 ug/L

#### QC Limits:

#### nternal Standard Areas

Upper Limit = + 100% of internal standard area from daily cal or mid pt. Lower Limit = - 50% of internal standard area from daily cal or mid pt.

#### Flags:

A - Indicates the compound failed the internal standard area criteria

 $\ensuremath{\mathsf{R}}$  - Indicates the compound failed the internal standard retention time criteria.

Retention Times:

Limit = within +/- 0.5 min of internal standard retention time from the daily call or mid pt.

#### Internal Standard Areas

Evaluation Std Data File: 5M54231.D

Method: EPA 8270C

Analysis Date/Time: 12/10/09 08:33

Lab File ID: CAL BNA@50PPM

7 to	i1		12		13		14		15		16	
	Area	RT	Area	RT	Area	RT	Area	RT	Area	TRT	Area	RT
Eval File Area/RT:	25654	5.34	95406	6.36	54220	7.73	93332	9.15	84199	12.17	87687	13.77
Eval File Area Limit:	12827-5	1308	47703-19	0812	27110-10	8440	46666-18	6664	42100-1	68398	43844-1	75374
Eval File Rt Limit	4.84-5	.84	5.86-6.	86	7.23-8.	23	8.65-9.	65	11.67-	2.67	13.27-1	4.27
Data File Sample												
-5M54232.D WMB4345	3067	5 5.34	127435	6.36	74147	7.73	125123	9.15	112900	12.17	110990	13.77
5M54233.D WMB4345/	MS 29669	5.34	110793	6.36	66044	7.73	117033	9.15	101210	12.18	96661	13.77
JM54234.D AC48696-0	01 3188	7 5.34	122027	6.36	74367	7.73	125687	9.14	113810	12.17	110734	13.77
5M54235.D AC48696-0	03: 2668:	5 5.34	97420	6.36	58082	7.73	101616	9.15	89573	12.18	87237	13 77
5M54236 D AC48696-0	05: 30303	5,34	109550	6.36	67365	7.73	115389	9.15	99444	12.18	96098	13 77
M54237.D AC48696-0	07 2842	7 5.34	114472	6.36	63903	7.73	106013	9.14	93384	12.17	95773	13 77
M54244.D WMB4346(i	MS 24944	5.34	87433	6.36	51114	7.74	86877	9.15	76627	12.18	76537	13.78
5M54245 D WMB4346	32679	5.34	131030	6.36	75230	7.73	123996	9.14	105284	12.17	104491	13 77

<b>I</b> 1 ≈	1.4-Dichlorobenzene-d4	<b>1</b> 4 =
12 ==	Nanhthalene-d8	15 =
13	Acenanhilione-di 0	ĭ6 =

# = Phenanthrone-d10 5 = Chrvsene-d12 5 = Perviene-d12 625/8270 Internal Standard concentration = 40 me/l. (in final extract) 624/8260 Internal Standard concentration = 30ug/L 524 Internal Standard concentration =5ug/L.

#### QC Limits:

#### internal Standard Areas

Upper Limit = + 100% of internal standard area from daily callor mid pt. Limit = - 50% of internal standard area from daily callor mid pt.

#### Flags:

A - Indicates the compound failed the internal standard area criteria

 $\ensuremath{\mathsf{R}}$  - Indicates the compound failed the internal standard retention time criteria.

Retention Times: Limit = within +/- 0.5 min of internal standard retention time from the daily call or mid pt.

#### Internal Standard Areas

Evaluation Std Data File: 9M22164.D

Method: EPA 8270C

Analysis Date/Time: 12/16/09 11:58

Lab File ID: CAL BNA@50PPM

,			11		12		13		14		15	1	16	a the second of the second of the second of
		Αι	rea	RT	Area	RT	Area	RT	Area	RT	Area	RT	Area	RT
: .	Eval File Area/RT:	241	123	5.72	96234	6.73	52278	8.15	85917	9.61	70744	12.67	72190	14.28
,	Eval File Area Limit:	1	2062-48	246	48117-19	2468	26139-10	14556	42958-17	1834	35372-1	41488	36095-1	44380
	Eval File Rt Limit:		5.22-6.3	22	6.23-7	.23	7.65-8	.65	9.11-10	1.11	12.17-1	3.17	13.78-1	14.78
٠.,	Data File Sample								***************************************	***************************************				
	9M22165.D SMB4357		26878	5.72	109204	6.73	59882	8.15	95772	9.61	73230	12.67	71087	14.28
	9M22166.D AC48811-0	001i	22838	5.72	91556	6.73	50524	8,15	82940	9.61	67524	12.66	72674	14.28
	M22167.D WMB4351		21959	5.72	94375	6.73	53547	8,15	84745	9.61	69986	12.66	74117	14.28
	9M22168.D AC48824-0	013	23191	5.72	91975	6.73	51652	8.15	84041	9,61	69641	12.66	73124	14.28
	9M22169.D AC48691-0	201	33198	5.72	130929	6.73	70635	8.15	106463	9.61	74202	12.66	73296	14.28
	9M22170.D AC48691-0	005	33553	5.72	129723	6.73	67125	8.15	103606	9.61	71317	12.66	69197	14.28
	9M22171.D AC48691-0	206	29352	5.72	115966	6.73	61946	8.15	95407	9.61	66357	12.67	67902	14.28
	9M22172.D WMB4341		27288	5.72	108125	6.73	59398	8.15	94115	9.61	73126	12.67	70188	14.28
	9M22173.D WMB4341		26988	5.72	109061	6.73	59922	8.15	98103	9.61	75149	12.67	72374	14.28
	3M22174 D SMB4358	TO COMPANY	23364	5.72	96840	6.73	50490	8.15	82059	9.61	53811	12.66	55444	14.28
	9M22175.D SMB4358/	MS.	27668	5.73	107009	6.73	58715	8.15	88252	9.61	58264	12.67	56495	14.28
	9M22176 D AC48751-0	)13ւ	25040	5.72	98246	6.73	53270	8.15	85780	9.61	63149	12.66	62895	14.28
	9M22177.D AC48751-0	14:	28756	5.72	115764	6.73	61261	8.15	93675	9.81	61878	12.66	60376	14.28
	9M22178.D AC48751-0	112	28375	5.72	113246	6.73	63012	8.15	97840	9.61	67592	12.66	66736	14.28
	BM22179 D AC48751-0	004	28515	5.72	111567	6.73	57812	8,15	89295	9.61	64168	12.66	63457	14.28
	9M22180.D AC48751-0	007	26592	5.72	104517	6.73	57316	8.15	89021	9.61	57990	12.66	57631	14.28
	9M22181.D AC48751-0	)17	27129	5.72	109560	6.73	59735	8 15	94950	9.61	60305	12.66	62203	14.28
	9M22182.D AC48693-0	12	29532	5.72	114706	6.73	59503	8.15	89642	9.61	62285	12.66	63744	14.28
	9M22183.D AC48693-0	114	29607	5.72	115737	6.73	61256	8,15	91596	9.61	59813	12.66	62970	14.28
	9M22184.D AC48693-0	15	27111	5.72	106857	6.73	57670	8.15		9.61	57310	12.66	57929	14 28
	9M22185.D AC48693-0	16	28996	5.72	114572	6.73	61975	8.15		9,61	58417	12.66	59216	14 28
	9M22186.D AC48693-0		22277	5.72	83355					9,62	56593	12.67	57701	14 28
	9M22187.D AC48729-0		27788	5.72	109314				92530	9.61	59714	12.66	61464	14.28

11 = 1.4-Dichlombenzene-d4	14 =	Phenanthrene-d10
12 = Nanhthalene-d8	15 =	Chrysene-d12
13 = Acenanhthene-d10	16 =	Pervlene-d12

625/8270 Internal Standard concentration = 40 ms/l, (in final extract) 624/8260 Internal Standard concentration = 30 ng/L 524 Internal Standard concentration = 5 ng/L

#### QC Limits:

#### Internal Standard Areas

Upper Limit = + 100% of internal standard area from daily cal or mid pt. Lower Limit = - 50% of internal standard area from daily cal or mid pt.

#### Flags:

A - Indicates the compound falled the internal standard area criteria

 $\ensuremath{\mathsf{R}}$  – indicates the compound failed the internal standard retention time criteria.

Retention Times: Limit = within +/- 0.5 min of internal standard retention time from the daily cal or mid pt.

#### Internal Standard Areas

Evaluation Std Data File: 10M09059.D

Method: EPA 8270C

Analysis Date/Time: 12/16/09 09:44

Lab File ID: CAL BNA@50PPM

		11		12		13		14	}	15		16	
		Area	RT	Area	RT	Area	RT	Area	RT	Area	RT	Area	RT
.,	Eval File Area/RT:	48502	5.21	184715	6.23	110455	7.57	190229	8.96	191465	11.96	216450	13.55
ŀ	Eval File Area Limit:	24251-	97004	92358-30	59430	55228-2	20912	95114-38	30458	95732-3	82930	108225-4	132900
•	Eval File Rt Limit:	4.71	-5.71	5.73-6	.73	7.07-8	1.07	8.46-9	.46	11.46-1	12,46	13.05-	14.05
	) Data File Sample												F-762/24-7-25-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-
	IOM09060. SMB4357	(MS. 540)	25 5.21	207676	6.23	12622	7.57	229802	8.96	224285	11.95	256540	13.54
	0M09061, SMB4357	4986	66 5.21	18680	6.23	11248	7 7.57	199635	8.96	194068	11.95	218356	13.54
	0M09062, AC48814	005t 488	79 5.21	18091	6.23	3 10922	2 7.57	189774	8.96	186533	11.96	208848	13.55
	10M09063, AC48814		92 5.21	202460	6.23	3 11588	3 7.57	197400	8.96	169378	11.95	188047	13.54
	10M09064, AC48814		08 5.21	201478	6.23	11697	1 7.57	202684	8.96	184973	11.96	216827	13.55
	0M09065. AC48814				6.23	12713	3 7.57	217092	გ.96	192999	11.96	226960	13.55
	DM09066, AC48814			20846	3 6.23	3 12700	7.57	7 226203	8.96	181677	11.96	192101	13,55
	OM09067. AC48814			19647	6.23	3 11553	4 7.57	7 196683	8.96	180897	11.96	210455	13.55
	10M09068, AC48814					3 11889	1 7.57	7 200298	8.96	181561	11.96	207089	13.56
	10M09069_AC48814			22273	6.23	3 12668	4 7.57	7 210362	8.96	184743	11,96	213605	13.55
	OM09070, AC48814				4 6.23	3 12213	5 7.5	7 206521	8.96	185043	11.96	216208	13.55
	CM09071, AC48691			23779	6.23	3 13576	4 7.58	3 223577	8.97	188226	11.96	212955	13,55
	10M09072. AC48691			22354	6.23	12698	3 7.57	7 203090	8.96	174977	11.96	199724	13.55
	1CM09073. AC48693	4 4 .			5 6.23	3 11409	0 7.53	7 191468	8.96	175108	11.96	200084	13.56
	OM09074. AC48693				9 6.23	3 10777	3 7.5	7 187951	8.96	177947	11.96	203295	13.56
	0M09075 AC48691					11477	9 7.57	7 194536	8.96	167667	11.96	192384	13.55
	10M09076. AC48691				7 6.23	10541	8 7.57	7 179778	8,96	159142	11,96	182606	13.55
	10M09077. AC48693	4-2-43-				3 10905	1 7.57	7 178946	8.96	158238	11.96	181656	13.55
	IOM09078. AC48591	4						7 179252	8.96	180961	11.96	188469	13.55
	0M09079. AC48691								8.96	180287	11.96	206954	13.55
	OM09080. SMB4358	451		- "			7.5	7 164124	8.96	148962	11,95	171096	13 55
	10M09081, AC48693					3 11172	7 7,5	7 182274	8.96	162639	11.96	186727	13.56
	10M09082. AC48693								8,96	156858	11.96	184278	13.56
	IOM09083. AC48729								8,96	174006	11,96	201718	13.55
	OM09084. AC48729								8.96	156385	11.96	183382	13.55

Ii=	1.4-Dichlorobenzene-d4
I2 ∞	Nanhthalene-d8
13	A consulting and I A

14 = Phenanthrene-d10 15 = Chrysene-d12 16 = Perviene-d12 625/8270 Internal Standard concentration = 40 mg/L (in final extract) 624/8260 Internal Standard concentration = 30 ug/L 524 Internal Standard concentration = 5 ug/L

#### QC Limits:

#### nternal Standard Areas

Upper Limit = + 100% of internal standard area from daily call or mid pt. Lower Limit = - 50% of internal standard area from daily call or mid pt.

#### Flags:

A - Indicates the compound failed the internal standard area criteria

 $\ensuremath{\mathsf{R}}\xspace$  - Indicates the compound failed the internal standard retention time criteria.

Retention Times: Limit = within +/- 0.5 min of internal standard retention time from the daily callor mid pt.

#### Internal Standard Areas

Evaluation Std Data File: 9M22189.D

Method: EPA 8270C

Analysis Date/Time: 12/17/09 10:22 Lab File ID: CAL BNA@50PPM

							10. On L						
4	r ·	11		12		!3		14	:	15		16	
	,	Area	RT	Area	RT	Area	RT	Area	RT	Area	RT	Area	RT
Eval File Area/RT	3-	4786	5.68	141169	6.69	79115	8.11	129086	9.56	104227	12.61	106340	14.22
Eval File Area Limit	innerren.	17393-69	3572	70584-28	32338	39558-1	58230	64543-2	58172	52114-2	208454	53170-2	12680
Eval File Rt Limit		5.18-6.	18	6.19-7	.19	7.61-8	3.61	9.06-10	0.06	12.11-	13.11	13.72-	14.72
Data File Sample	ė	***************************************	nerke manderre publicaço amount					TO COMPANY (APPLICATION OF THE PROPERTY OF THE					
9M22189.D CAL BN	JA@5C	34786	5.68	141169	6,69	7911	5 8.11	129086	9.56	104227	12.61	106340	14.27
9M22190.D CAL BN	(A@15	34035	5.68	132938	6.69	77058	8 8.11	125385	9.56	95062	12 62	93935	14.22
3M22191.D CAL BN	(A@16	33661	5.68	135402	6.69	74631	1 B.11	125202	9.56	97876	12.62	98607	14.23
9M22192,D CAL BN	JA@12	32144	5.68	127007	6.69	6976:	3 8,11	115817	9.56	94248	12.62	97952	14.20
9M22193.D CAL BN	A@8C	36223	5.68	140932	6.69	7637	7 <u>8.11</u>	125915	9.56	102927	12.61	105894	14.2
M22194.D CAL BN	A@2C	35734	5.68	148047	6,69	82508	8.10	133456	9.56	110918	12.60	112776	14.2
3M22196.D CAL BN	JA@2F	33445	5.68	136210	6.69	77590	3 8,40	131873	9.56	110296	12.60	115041	14.2
9M22197.D CAL BN	JA@1C	36721	5.68	150571	6.69	84174	4 8.10	138312	9.56	113375	12 60	113595	14.2
9M22198.D ICV BN	A@50	36800	5.68	146027	6.69	80023	8.10	133899	9,56	110587	12.61	112193	14.2
M22199 D SMB43	60	37683	5.68	146103	6.69	80843	8,10	130196	9.56	100188	12.60	102859	142
3M22200.D WM843	352/MS	39925	5.68	156384	6.69	84670	3 8,10	140418	9.56	113564	12.62	112429	14.2
9M22201.D WMB43	352	36276	5.68	140266	6.69	78509	8.10	127506	9.56	105634	12.60	112967	14.2
9M22202.D AC4885	52-001c	40925	5.68	163392	6.69	90599	8.10	142198	9.56	100718	12.61	101132	14.2
9M22203.D SMB430	60/MS'.	39601	5.68	157960	6.69	85257	7 8.40	132925	9.56	92978	12.60	90702	14.2
M22204.D AC4872	21-002	37835	5.68	141938	6.69	80900	8,11	124867	9.56	98639	12.60	94439	14.2
3M22205.D AC4872	21-002	38305	5.68	159940	6.69	9580	1 8.11	154155	9.56	131425	12.61	122315	14.2
9M22206.D AC4872	21-002t	38393	5.68	154327	6.69	88821	1 8.11	147335	9.57	118114	12.60	114344	14.2
9M22207.D AC4873	36-001	37478	5.68	155095	6.69	86864	4 8.10	140904	9.56	105084	12.60	98713	14.2
9M22208.D AC4872	29-004	44008	5.68	176730	6.69	98462	2 8.10	153504	9.56	116197	12,60	113290	14.2
M22209.D AC4872	9-010	44043	5.68	174781	6.69	9824	4 8.10	154669	9.56	109642	12.60	106091	14.2
9M22210.D AC4872	29-011	44733	5.68	184002	6.69	9781	1 8.10	154982	9.56	110703	12.60	109369	14.2
9M22211.D AC4872	9-012	45371	5,68	184219	6 69	101356	8.10	152116	9.56	107472	12.60	106179	14.2
M22212.D AC4872	29-013	40523	5,68	159631	6.69	85754	4 8.10	133759	9.56	97107	12. <del>6</del> 0	95591	14.2
M22213.D AC4872	9-014	40747	5,68	157750	6.69	85798	8.10	137822	9.56	101083	12.60	98938	14.2
9M22214.D AC4872	9-015	38198	5,68	150529	6.69	82396	8.10	137225	9.56	99370	12.60	94759	142
9M22215.D AC4872	9-016	40197	5.68	153579	6.69	84017	7 8.10	139527	9.56	100184	12.60	97699	142
9M22216.D AC4872	9-008	40025	5,68	165584	6.69	91122	8.10	147739	9.56	108749	12.60	106880	14.21

II =	1.4-Dichlorobenzene-d4
12 =	Nanhthalene-d8
13 =	Acenaohthene-d10

14 = Phenar.threne-d10 15 = Chrvsene-d12 16 = Perviene-d12 625/8270 Internal Standard concentration = 40 mg/L (in final extract) 624/8260 Internal Standard concentration = 30ug/L 524 Internal Standard concentration = 5ug/L

#### QC Limits:

#### Internal Standard Areas

#### Flags:

A - Indicates the compound failed the internal standard area criteria

 $\ensuremath{\mathsf{R}}$  - Indicates the compound failed the internal standard retention time criteria.

Retention Times:

Limit = within +/- 0.5 min of internal standard retention time from the daily call or mid pt.

#### Internal Standard Areas

Evaluation Std Data File: 10M09086.D

Method: EPA 8270C

Analysis Date/Time: 12/17/09 09:04

Lab File ID: CAL BNA@50PPM

			1	12		13	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	14		15		16	
		Area	RT	Area	RT	Area	RT	Area	RT	Area	RT	Area	RT
EvalF	ile Area/RT:	48471	5.20	187961	6.22	115404	7.56	201536	8.95	189331	11.95	210814	13.53
Eval File	Area Limit:	24236	-96942	93980-3	75922	57702-2	30808	100768-4	03072	94666-3	78662	105407-	421628
EvalF	ile Rt Limit:	4.7	-5.7	5.72-8	5.72	7.06-8.0	59999	8.45-9	.45	11.45-	12.45	13.03-	14.03
Data File	Sample												
10M0908	7. SMB4359	647	40 5.20	24172	7 6.23	14223	7 7.56	3 243954	გ.94	208314	11.94	223866	13.53
80@0M01		525	32 5.20	20016	7 6.22	2 12102	9 7.56	3 212599	8.95	203775	11.94	226235	13,53
0M0908	9. AC48837~	001 <sup>-614</sup>	95 5.20	23467	5 6.22	14070	9 7.50	5 237338	8.95	210246	11.95	225297	13.54
10M0909			58 5.20	22251	4 6.22	2 13638	D 7.50	3 230222	8.95	200819	11.95	213138	13.54
10M0909	1. AC48838-	003 590	47 5.20	23083	2 6.22	13604	1 7.56	3 232427	8.95	199468	11.94	219656	13.54
OM0909	2. AC48889~	016 616	85 5.20	23166	2 6.22	2 14371	4 7.56	3 241333	8.95	201162	11.94	221351	13.53
0M0909	3. AG48889~	017 631	70 5.20	23942	2 6.22	2 14251	1 7.56	5 234845	8.95	189079	11.94	208664	13.53
10M0909			43 5.20	23712	5 6.22	2 13817	4 7.56	5 228205	8,95	181729	11.94	205589	13.53
10M0909			26 5.20	23772	1 6.23	2 14115	9 7.56	3 239167	8.95	195847	11.94	222379	13.53
TOM0909			86 5.20	24893	0 6.22	14522	3 7.50	3 237054	8.95	192026	11.94	218173	13,53
OM0909		F-Chambridge.	18 5.20	23096	6 6.22	2 9788	0 7.50	3 226653	8.95	166656	11.95	875	13.55
- IOM0909			22 5.20	25270	3 6.22	2 13577	9 7.50	3 226945	8.95	169864	11.95	47398	13.54
10M0909		020 680	90 5,20	25628	1 6.22	2 13868	6 7.59	3 237046	8.95	188402	11.95	37340	13.54
10M0910			46 5.20	26511	1 6.22	12693	0 7.58	3 240951	8.95	179306	11.95	686	13.56
IGM0910		564	47 5,20	21632	6.22	2 13322	0 7.58	3 218246	8.95	173639	11.95	189169	13,55
CM0910	· · · · · · · · · · · · · · · · · · ·	MS. 517	92 5.21	19673	6 6.22	2 11610	6 7.5	193416	8.95	163855	11.95	177867	13.54
10M0910			32 5.20	24199	6.22	13814	7 7.58	3 219462	8.95	183217	11.95	212301	13,54
10M0910			12 5.20	23421	7 6.22	13297	1 7.56	6 210778	8.95	180012	11.95	207956	13.55
OM0910			18 5.20	24767	7 6.22	2 14139	0 7.50	5 228716	8.95	192452	11.95	219745	13.55
OM0910			26 5.20	26313	7 6.22	2 15538	8 7.56	3 246771	8.95	186953	11.95	213526	13.54
10M0910	741244	Windows		22855	0 6.22	13510	1 7.50	226305	8.95	198620	11.95	229138	13.56
10M0910				29207	0 6.22	2 17684	3 7,50	3 281040	8.95	211009	11.95	240291	13.55
OM0910			06 5.20	24845	6 6.22	14061	0 7,50	3 221896	8.95	191272	11.95	231796	13.55
10M0911										178432	11.95	206868	13.54
IOM0911							4 7.50	6 210347	8.95	181796	11.95	208038	13.54
	2. AC48722-	M-14-60-				Gramman ar				167100		189718	13.55
	3. AC48729-									192755	11,95	225784	13.55
/	4. AC48729-									180957		208813	13.54
	5. AC48729-									181299		213366	13.55
10M0911										192336		224506	13.55

	and the same of th			
I1 =	1_4-Dichlorobenzene-d4	14 =	Phenanthrene-d10	625/8270 Internal Standard concentration = 40 mg/l, (in final extract)
12 =	Nanhthalene-d8	15 ≈	Chrysene-d12	624/8260 Internal Standard concentration = 30ug/L
<b>I</b> 3 ≈	Acenanhthene-d10	16 =	Perviene-d12	524 Internal Standard concentration =5ug/L

#### QC Limits:

#### nternal Standard Areas

Upper Limit = + 100% of internal standard area from daily call or mid pt.

Lower Limit = - 50% of internal standard area from daily call or mid pt.

#### Flags:

 $\boldsymbol{A}$  - indicates the compound failed the internal standard area criteria

 $\ensuremath{\mbox{R}}$  - Indicates the compound failed the internal standard retention time criteria.

Surrogate Recovery

Method: EPA 8082

					Dilute	Column1 S1	Column2 S2	Column1 S3	Column2 S4	Column0 S5	Column0 S6
مان	Complet	Matrix	Date/Time	Surr	Out						
l C	Sample#	1 2 2 4 7 7 1 2 4		_Dil	Flag	Recov	Recov	Recov	Recov	Recov	Recov
51365.D	WMB3718	Aqueous	12/10/09 08:37	1		80	78	71	78		
2G51599.D	SMB2483B	Soil	12/18/09 00:33	1		78	104	78	95		
2G51604.D	AC48729-001	Soil	12/18/09 01:42	1		82	106	08	98		
2 51605.D	AC48729-002	Soil	12/18/09 01:56	1		80	101	79	96		
2 51606.D	AC48729-003		12/18/09 02:10	1		88	111	85	102		
51603.D وع	AC48729-004	Soil	12/18/09 01:29	1		84	106	84	100		
2G51607.D	AC48729-005	Soil	12/18/09 02:24	1		83	103	79	96		
2∩51608.D	AC48729-006	Soil	12/18/09 02:38	1		79	100	78	93		
51609.D	AC48729-007	Soil	12/18/09 02:52	1		73	91	70	84		
2 51610.D	AC48729-008	Soil	12/18/09 03:06	1		80	98	87	103		
2G51611.D	AC48729-009	Soil	12/18/09 03:20	1		80	99	78	96		
2G51612.D	AC48729-010	Seil	12/18/09 03:33	1		86	106	83	98		
2 51613.D	AC48729-011	Soil	12/18/09 03:47	4		91	111	95	110		
2 51614.D	AC48729-012	Soil	12/18/09 04:01	1		86	104	90	103		
51615.Dئ2	AC48729-013	Soil	12/18/09 04:15	1		90	108	83	102		
2G51616.D	AC48729-014	Soil	12/18/09 04:29	1		79	95	86	99		
2051619.D	AC48729-015	Soil	12/18/09 05:10	1		83	101	91	105		
2 51620.D	AC48729-016	Soil	12/18/09 05:24	1		84	101	87	97		
2 51377.D	AC48729-017	Aqueous	12/10/09 11:23	1		102	90	62	60		
2G51366.D	WMB3718(MS	Aqueous	12/10/09 08:51	1		90	85	83	93		
2G51600.D	SMB2483B(M	Soil	12/18/09 00:47	1		64	86	64	78		
51601.D	AC48729-004	Soil	12/18/09 01:01	1		81	104	81	97		
5 51602.D	AC48729-004	Soil	12/18/09 01:15	1		82	105	82	98		

ags: SD=Surrogate diluted out

\*=Surrogate out

Method: 8082

#### Soil Limits

Compound	Spike Amt	Limits
S1=TCMX-Surrogate	100	31-155
S2=TCMX-Surrogate	100	31-155
S3=DCB-Surrogate	100	12-172
S4=DCB-Surrogate	100	12-172

#### Aqueous Limits

	Spike	
Compound	Amt	Limits
S1=TCMX-Surrogate	100	18-141
S2=TCMX-Surrogate	100	18-141
S3=DCB-Surrogate	100	9-148
S4=DCB-Surrogate	100	9-148

Form3 MBS Data Method: 8082

	Data/Batch/Sa	ample	(D:=	===>	2G513 WMB:	3718(M	,	1.0		**************************************		4 m				- /				
ompound	Limit( Soil	(s) Aq	Cof	₩r	Conc	Conc Exp	% Rec		Conc	Conc Exp	% Rec	Cond	Conc Exp	% Rec	Con	Conc Exp	% Rec	Conc	Conc Exp	% Rec
roclor-1016 Aroclor-1260	1.	38-166 33-151	1	0	1001 933.9	1000 1000	100 93													

Mbs Date: 12/18/09 00:47

Spike Date: 12/18/09 01:01

Non Spk'd Date: 12/18/09 01:29

Spike Dup Date: 12/18/09 01:15

#### FORM 3

Spike Recovery

Batch Number: SMB2483B

Mbs Name: SMB2483B(MS) Ns Name: AC48729-004

Ms Name: AC48729-004(MS)

Msd Name: AC48729-004(MSD

Mbs File: 2G51600.D

Non Spk'd File: 2G51603.D

Spike File: 2G51601.D

Spike Dup File: 2G51602.D

Matrix: Soil

Method: EPA 8082

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:	Compound	C#	Со		Conc Exp	Lo Lim	Hi Lim	Rpd Llm	Mbs Conc	Sample Conc	Spike Conc	Dup Conc	Mbs Rec	MS Rec	Msd Rec	Rpa
-	Aracior-1016 Aracior-1260	2 7	2 2	0 0	1000 1000	30 25	163 166	40 37	1003.51 886.53	0.00 0.00	1186,83 1095,88	1201.36 1092.05	100 89	119 110	120 109	1.2 0.35

## FORM 4 Blank Summary

Blank Number: WMB3718 Blank Data File: 2G51365.D Matrix: Aqueous Blank Analysis Date: 12/10/09 08:37 Blank Extraction Date: 12/09/09

(If Applicable)

Method: EPA 8082

Sample Number	Data File	Analysis Date
AC48729-017	2G51377.D	12/10/09 11:23
WMB3718(MS)	2G51366.D	12/10/09 08:51

#### FORM 4 Blank Summary

Blank Number; SMB2483B Blank Data File; 2G51599.D

Matrix: Soil

Blank Analysis Date: 12/18/09 00:33 Blank Extraction Date: 12/17/09

(If Applicable)

Method: EPA 8082

Sample Number	Data File	Analysis Date	-
AC48729-001	2G51604.D	12/18/09 01:42	
AC48729-Q02	2G51605,D	12/18/09 01:56	
AC48729-003	2G51606.D	12/18/09 02:10	
AC48729-004	2G51603,D	12/18/09 01:29	
AC48729-005	2G51607.D	12/18/09 02:24	
AC48729-006	2G51608.D	12/18/09 02:38	
AC48729-007	2G51609.D	12/18/09 02:52	
AC48729-008	2G51610.D	12/18/09 03:06	
AC48729-009	2G51611.D	12/18/09 03:20	
AC48729-010	2G51612.D	12/18/09 03:33	
AC48729-011	2G51613.D	12/18/09 03:47	
AC48729-012	2G51614.D	12/18/09 04:01	
AC48729-013	2G51615.D	12/18/09 04:15	
AC48729-014	2G51616.D	12/18/09 04:29	
AC48729-015	2G51619.D	12/18/09 05:10	
AC48729-016	2G51620.D	12/18/09 05:24	
SMB2483B(MS)	2G51600.D	12/18/09 00:47	
AC48729-004(MS)	2G51601.D	12/18/09 01:01	
AC48729-004(MSD	2G51602.D	12/18/09 01:15	

Form 5

Method: EPA 8082 Instrument: GC\_2

Column: DB-17/1701P 30M 0.32mm ID 0.25um film

	Analysis		Reference	Column	Column	Column	Column
Data File Sample#	Date/Time	Matrix	File	1 RT	1 % Drift	2 RT	2 % Drift
2G51083, 1000PPB	12/01/09 04:15	Soil					
2G51084, CAL 1660@500PPB	12/01/09 04:29	Soil	2G51085.	9.1106	0.0022	9.4343	0.0011
2G51085, CAL 1660@50PPB	12/01/09 04:42	Soll	2G51085.	9.1104	0	9,4342	Ω
2G51086. CAL 1660@200PPB	12/01/09 04:56	Soll	2G51085.	9.1100	0 0044	9 4349	0.0074
2G51087_CAL_1660@1000PPB	12/01/09 05:10	Soll		9.1087	0.0187	9 4341	0.0011
2G51088. 2000PPB	12/01/09 05:24	Soll	2G51085.	9.1087	0 0187	9 4342	0
2G51089, 4000PPB	12/01/09 05:38	Soll	2G51085.	9.1073	0.034	9 4329	0.0138
2G51090. CAL 1660@2000PPB	12/01/09 05:52	Soll	2G51085.	9.1070	0.0373 0.0439	9.4335 9.4334	0.0074 0.0085
2G51091, CAL 1660@4000PPB	12/01/09 06:06	Soll Soll	2G51085 2G51085.	9,1064 9,1062	0.0439	9.4334	0.0021
2G51092_CAL 3268@500PPB 2G51093. CAL 1242@500PPB	12/01/09 06:19 12/01/09 06:33	Soil	2G51085.	9.1057	0.0516	9 4344	0.0021
2G51093, CAL 1242@500PPB	12/01/09 06:33	Sol	2G51085.	9.1055	0.0538	9.4341	0.0021
2G51095. CAL 2154@500PPB	12/01/09 07:01	Soil	2G51085.	9.1053	0.056	9.4348	0.0064
2G51096. CAL 1262@500PPB	12/01/09 07:15	Soil	2G51085.	9.1045	0.0648	9.4345	0.0032
2G51097, ICV	12/01/09 07:29	Soil	2G51085	9.1045	0.0648	9,4348	0.0064
2G51098. CAL 1660@1000PPB	12/01/09 08:11	Sall	2G51085	9.1138	0.0373	9.4372	0.0318
2G51099, SMB3168	12/01/09 08:34	Soil	2G51098.	9.1115	0.0252	9.4370	0.0021
2G51100, SMB3168(MS)	12/01/09 08:48	Soil	2G51098.	9.1055	0.0911	9.4358	0.0148
2G51101. AC48526-003	12/01/09 09:02	Aqueous	2G51098.	9.1081	0.0626	9.4378	0.0064
2G51102_AC48526-004	12/01/09 09:16	Aqueous	2G51D98.	9,1053	0.0933	9.4375	0.0032
2G51103, AC48526-005	12/01/09 09:30	Aqueous	2G51098.	9.1059	0.0867	9.4401	0.0307
2G51104. AC48527-017	12/01/09 09:44	Aqueous	2G51098.	9.1086	0.0571	9.4429	0.0604
2G51105. SMB2465B	12/01/09 10:03	Soil	2G51098.	9.1159	0.023	9,4481	0.1154
2G51106. MBS2465	12/01/09 10:17	Soil	2G51D98.	9.1120	0.0197	9.4472	0.1059
2G51107, AC48388-030	12/01/09 10:30	Soil	2G51098.	9.1353	0.2356	9.4657	0.3015
2G51108. AC48388-031	12/01/09 10:44	Soil	2G51098.	9.1531	0.4303	9.4774	0.4251
2G51109. AC48388-032	12/01/09 10:58	Soil	2G51098.	9.1234	0.1053 0.045	9.4585 9.4533	0.2255 0.1705
2G51110, AC48388-033 2G51111, AC48388-034	12/01/09 11:12 12/01/09 11:26	Soil Soil	2G51098. 2G51098.	9.1179 9.1156	0.045	9.4508	0.1703
2G51112_AC48388-035	12/01/09 11:40	Soil	2G51098.	9,1148	0.0197	9.4507	0.143
2G51113. AC48388-040(5X)	12/01/09 11:54	Soil	2G51098	9.1309	0.1875	9,4617	0.2593
2G51114, AC48504-001	12/01/09 12:07	Soil	2G51098.	9.1158	0.0219	9.4517	0.1535
2G51115. AC48504-002	12/01/09 12:21	Soll	2G51098.	9.1151	0.0143	9 4500	0.1355
2G51116. AC48504-003	12/01/09 12:35	Soll	2G51098.	9.1158	0.0219	9.4512	0.1482
2G51117_AC48504-004	12/01/09 12:49	Soil	2G51098	9.1199	0.0669	9.4548	0.1863
2G51118. AC48504-005	12/01/09 13:02	Soil	2G51098.	9.1182	0.0483	9.4539	0.1768
2G51119, AC48504-006	12/01/09 13:15	Soit	2G51098.	9.1194	0.0614	9.4547	0.1853
2G51120 AC48504-007	12/01/09 13:28	Soil	2G51098.	9.1238	0.1097	9.4593	0.2339
2G51121. AC48504-008	12/01/09 13:41	Soi	2G51098.	9.1300	0.1776	9.4641	0.2846
2G51122_AC48516-002	12/01/09 13:55	Sol	2G51098,				0.254
2G51123. 1000PPB	12/01/09 14:12	Soll	2G51098.	9.1253	0.1261	9.4587	0.2276
2G51124. CAL 1660@1000PPB	12/01/09 14:52	Soil	2G51098.	9.1003	0.1482	9.4408	0.0381
2G51125. AC48516-002	12/01/09 15:07	Soil	2G51124.	9.1002	0.0011	9.4415	0.0074 0.0699
2G51126. AC48388-022	12/01/09 15:20	Soil	2G51124.	9.1069	0.0725	9,4474	
2G51127_AC48487-002(5X) 2G51128_AC48487-001(10X)	12/01/09 15:34 12/01/09 15:47	Soll Soll	<u>2G51124.</u> 2G51124.	9.1042 9.1164	0.0429 0.1768	9,4723 9,4692	0.3331 0.3004
2G51129. AC48527-001	12/01/09 15:34	Soil	2G51124. 2G51124.	9.0973	0.033	9.4417	0.0095
2G51130. AC48527-004	12/01/09 16:48	Soil	2G51124.	9.0972	0.0341	9.4419	0.0117
2G51131, AC48527-007	12/01/09 17:02	Soil	2G51124.	9.0969	0.0374	9.4409	0.0011
2G51132. AC48527-010	12/01/09 17:16	Soil	2G51124.	9.0971	0.0352	9,4411	0.0032
2G51133. AC48527-014	12/01/09 17:30	Soil	2G51124,	9.0967	0.0396	9.4417	0.0095
2G51134. AC48578-001	12/01/09 17:44	Soil	2G51124.	9.0962	0.0451	9.4407	0.0011
2G51135. AC48578-002	12/01/09 17:58	Soil	2G51124.	9.0953	0.055	9.4403	0.0053
2G51136. AC48578-003	12/01/09 18:12	Soil	2G51124.	9.0961	0.0462	9.4410	0.0021
2G51137, AC48578-004	12/01/09 18:26	Soil	2G51124.	9,0965	0.0418	9,4421	0.0138
2G51138, AC48572-001	12/01/09 18:40	Soil	2G51124.	9.0951	0.0572	9.4414	0.0064
2G51139. AC48572-002	12/01/09 18:54	Soil	2G51124.	9.0938	0.0715	9.4409	0.0011
2G51140. AC48572-003	12/01/09 19:08	Soil	2G51124.	9 0946	0.0627	9.4413	0.0053
2G51141, AC48572-004	12/01/09 19:22	Soil	2G51124.	9.0945	0.0638	9 4414	0.0064
2G51142_AC48572-005	12/01/09 19:36	Soil Cail	2G51124	9.0935	0.0747	9.4403	0.0053
2G51143. AC48572-006	12/01/09 19:50	Soil	2G51124.	9.0953 9.0936	0.055 0.0736	9.4416 9.4405	0.0085 0.0032
2G51144, CAL 1660@1000PPB	12/01/09 20:03 12/01/09 20:17	Soil Soil	2G51124. 2G51144.	9.0936	0.0736	9.4419	0.0032
2G51145, 2000PPB 2G51146, AC48541-008	12/01/09 20:31	Sail	2G51144.	9.0954	0.0143	9.4429	0.0254
2G51147_AC48541-006	12/01/09 20:45	Soil	2G51144.	9.0959	0.0253	9.4436	0.0328
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Form 5

Method: EPA 8082 Instrument: GC\_2

Column: DB-17/1701P 30M 0 32mm iD 0.25um film

Data File Sample#	Analysis Date/Time	Matrix	Reference File	Column 1 RT	Column 1 % Drift	Column 2 RT	Column 2 % Drift
2G51148. AC48541-005	12/01/09 20:59	Soil	2G51144.	9.0985	0.0539	9.4465	0.0635
2G51149. AC48541-016	12/01/09 21:13	Soil	2G51144.	9.1004	0 0747	9 4475	0.0741
2G51150, AC48572-007	12/01/09 21:27	Soil	2G51144.	9.0991	0.0605	9.4468	0.0667
2G51151, AC48540-001	12/01/09 21:41	Soil	2G51144.	9.1166	0.2526	9.4609	0.2159
2G51152_AC48540-002	12/01/09 21:55	Soil	2G51144.	9,1157	0.2427	9 4609	0.2159
2G51153, AC48481-001	12/01/09 22:09	Soil	2G51144.	9.1145	0.2296	9 4611	0.218
2G51154, AC48553-001	12/01/09 22:23	Soil	2G51144.	9.1112	0.1934	9.4580	0,1852
2G51155, AC48514-009	12/01/09 22:37	Soil	2G51144.	9.107D	0.1472	9.4556	0.1598
2G51156, AC48417-D11	12/01/09 22:50	Soll	2G51144.	9.1070	0 1472	9 4545	0 1482
2G51157_AC48417-012	12/01/09 23:04	Sol	2G51144	9.1054	0 1297	9.4533	0.1355
2G51158 AC48417-013	12/01/09 23:18	Soil	2G51144.	9.1078	0.1538	9.4549	0.1524
2G51159 AC48417-D14	12/01/09 23:32	Soil	2G51144.	9.1073	0.1505	9.4557	0.1609
2G51160. AC48417-D15	12/01/09 23:46	loZ	2G51144.	9.1059	0.1352	9.4535	0.1376
2G51161, AC48417-D16	12/02/09 00:00	Soil	2G51144.	9.1060	0.1363	9.4545	D.1482
2G51162_AC48417-001	12/02/09 00:14	Soil	2G51144.	9.1038	0.1121	9.4528	0.1302
2G51163. AC48417-D02	12/02/09 00:28	Soil	2G51144.	9.1075	0.1527	9.4563	D. 1672
2G51164. AC48417-003	12/02/09 00:42	Soil	2G51144.	9.1043	0.1176	9.4528	0.1302
2G51165. AC48417-004	12/02/09 00:56	Soil	2G51144.	9.1036	0.1099	9.4537	0.1397
2G51166. CAL 1660@1000PPB	12/02/09 01:09	Soil	2G51144.	9.1024	0.0967	9.4520	0.1217
2G51167_2000PPB	12/02/09 01:23	Soil	2G51166.	9.1016	0.0088	9.4496	0.0254
2G51168. AC48417-005	12/02/09 01:37	Soil	2G51166.	9.1014	0.011	9.4522	0.0021
2G51169, AC48417-006	12/02/09 01:51	Soil	2G51166.	9.1020	0.0044	9.4523	0.0032
2G51170. AC48417-007	12/02/09 02:05	Soil	2G51166.	9,1016	8800.0	9,4522	0.0021
2G51171, AC48417-008	12/02/09 02:19	Soil	2G51166.	9.1016	8800.0	9,4525	0.0053
2G51172, AC48417-009	12/02/09 02:33	Soil	2G51166	9.1012	0.0132	9,4519	0.0011
2G51173. AC48417-010	12/02/09 02:47	Soil	2G51166.	9.0998	0.0286	9.4503	0.018
2G51174, 1000PPB	12/02/09 03:01	Soil	2G51166.	9.0988	0.0396	9.4501	0.0201
2G51175. CAL 1660@2000PPB	12/02/09 03:15	Soil	2G51166.	9,0994	0.033	9.4522	0.0021

Method: EPA 8082 Instrument: GC\_2

Column: D8-17/1701P 30M 0.32mm ID 0.25um film

Data File Sample#	Analysis Date/Time	Matrix	Reference File	Column 1 RT	Column 1 % Drift	Column 2 RT	Column 2 % Drift
2G51364, CAL 1660@500PPB	12/10/C9 08:19	Soil	2G51364.	9.0680	۵	9.4371	0
2G51365: WMB3718	12/10/09 08:37	Aqueous	2G51364	9.0739	0.065	9 4410	0.0413
2G51366, WMB3718(MS)	12/10/09 08:51	Aqueous	2G51364.	9.0709	0.G32	9 4409	0.0403
2G51367, AC48696-003/MS:AC48	12/10/09 09:05	Aqueous	2G51364.	9.0702	0 0243	9 4413	0.0445
2G51368, AC48696-005(MSD:AC4	12/10/09 09:19	Aqueous	2G51364.	9.0705	0.0276	9.4414	0.0455
2G51369. AC48696-001	12/10/09 09:33	Aqueous	2G51364.	9.0712	0 0353	9 4426	0.0583
2G51370. AC48696-007	12/10/09 09:46	Aqueous	2G51364.	9.0712	0.0353	9.4426	0.0583
2G51371, AC48751-003	12/10/09 10:00	Aqueous	2G51364.	9.0714	0 0375	9.4426	0.0583
2G51372, AC48751-030	12/10/09 10:14	Aqueous	2G51364	9 0713	0.0364	9.4434	0.0667
2G51373. AC48751-033	12/10/09 10:28	Aqueous	2G51364.	9.0720	0.0441	9.4428	0.0604
2G51374. AC48776-001	12/10/09 10:42	Aqueous	2G51364.	9.0716	0.0397	9.4429	0.0614
2G51375. CAL 1660ത1000PPB	12/10/09 10:56	Aqueous	2G51364.	9.0709	0.032	9,4427	0,0593
2G51376, AC48718-002	12/10/09 11:09	Aqueous	2G51375.	9.0715	0.0066	9.4434	0.0074
2G51377, AC48729-017	12/10/09 11:23	Aqueous	2G51375.	9.0710	0.0011	9.4432	0.0053
2G51378, OMB1322(MS)	12/10/09 11:37	OIL/OTHER	2G51375.	9.0703	0.0066	9.4417	0.0106
2G51379, OMB1322	12/10/09 11:50	OIL/OTHER	2G51375.	9.0700	0.0099	9,4419	D.0085
2G51380, AC48759-001	12/10/09 12:04	OIL/OTHER	2G51375.	9.0869	0.1762	9,4539	D.1185
2G51381. CAL 1660@1000PPB	12/10/09 12:18	OJL/OTHER	2G51375.	9.0724	0.0165	9.4437	0.0106
2G51382, AC48580-005	12/10/09 12:32	Soil	2G51381.	9.0855	0.1443	9.4557	0 127
2G51383, CAL 1660@1000PPB	12/10/09 12:49	Soll	2G51381.	9.0869	0.1597	9.4535	0.1037

Method: EPA 8082 Instrument: GC\_2

Column: DB-17/1701P 30M 0.32mm ID 0.25um film

Data File Sample#	Analysis Date/Time	Matrix	Reference File	Column 1 RT	Column 1 % Drift	Column 2 RT	Column 2 % Drift
2G51582. 4000PPB	12/17/09 12:32	Soil	namen namenda de statutas ed ned destre ed destrutura de principal del de de destruta de la destruta de la com	Accessed a series are a viscous a constitue		CONTROL OF STREET	
2G51583. CAL 1660@500PPB	12/17/09 12:47	Soil	2G51585.	9.0497	0.0199	9.4279	0.0117
2G51584. CAL 1660@200PPB	12/17/09 13:01	Soil	2G51585.	9.0481	0.0022	9.4263	0.0053
2G51585, CAL 1660@50PPB	12/17/09 13:14	Soil .	2G51585.	9.0479	Q.	9.4268	0
2G51586, CAL 1660@1000PPB	12/17/09 13:28	Soil	2G51585,	9.0490	0.0122	9.4278	0,0106
2G51587. CAL 1660@2000PPB	12/17/09 13:42	Soil	2G51585.	9.0490	0.0122	9.4264	0.0042
2G51588. CAL 1660@4000PPB	12/17/09 13:56	Soil	2051585	9 0482	0.0033	9.4256	0.0127
2G51589, 4000PPB	12/17/09 14:13	Sail	2G51585.	9.0521	0.0464	9.4273	0.0053
2G51590. CAL 3268@500PPB	12/17/09 14:26	Soll	2G51585.	9.0491	0.0133	9 4261	0.0074
2G51591, CAL 1242@500PPB	12/17/09 14:40	Soil	2G51585.	9.0488	0.0099	9.4265	0.0032
2G51592. CAL 1248@500PPB	12/17/09 14:54	Soil	2G51585.	9.0492	0.0144	9.4274	0.0064
2G51593. CAL 2154@500PPB	12/17/09 15:08	Soil	2G51585.	9.0496	0.0188	9.4271	0.0032
2G51594, CAL 1262@500PPB	12/17/09 15:22	Soil	2G51585.	9.0492	0.0144	9.4267	0.0011
2G51595. ICV	12/17/09 15:36	Soil	2G51585.	9.0497	0.0199	9.4274	0.0064
2G51596. CAL 1660@1000PPB	12/17/09 15:50	Soil	2G51585.	9.0489	0.011	9.4271	0.0032

Method: EPA 8082 Instrument: GC\_2

Column: DB-17/1701P 30M 0,32mm ID 0.25um film

Data File	Sample#	Analysis Date/Time	Matrix	Reference File	Column 1 RT	Column 1 % Drift	Column 2 RT	Column 2 % Drift
2051597	CAL 1660@1000PPB	12/18/09 00:05	Soil	2G51597.	9.0512	0	9.4212	0
	2000PPB	12/18/09 00:19	Soil	2G51597.	9.0445	0.074	9.4201	0.0117
	SMB2483B	12/18/09 00:33	Soil	2G51597.	9.0442	0.0774	9.4221	0.0096
	SMB2483B(MS)	12/18/09 00:47	Soil	2G51597.	9.0436	0.084	9.4216	0.0043
	AC48729-D04(MS)	12/18/09 01:01	Soil	2G51597	9.0442	0.0774	9.4224	0.0127
min mi 1.4 - 1.	AC48729-004(MSD)	12/18/09 01:15	Soil	2G51597	9 0459	n n586	9 4231	0.0202
	AC48729-004	12/18/09 01:29	Sail	2G51597.	9.0454	0.0641	9.4236	0.0255
2G51604	AC48729-001	12/18/09 01:42	Soil	2G51597.	9.0445	0.074	9.4233	0.0223
2G51605.	AC48729~002	12/18/09 01:56	Soil	2G51597.	9.0450	0.0685	9.4232	0.0212
2G51606.	AC48729-003	12/18/09 02:10	Soil	2G51597	9.0455	0.063	9.4245	0.035
2G51607.	AC48729-005	12/18/09 02:24	Soil	2G51597.	9.0475	0.0409	9.4256	D.0467
2G51608.	AC48729-006	12/18/09 02:38	Soil	2G51597.	9.0472	0.0442	9.4241	0.0308
2G51609.	AC48729-007	12/18/09 02:52	Soil	2G51597.	9.0468	0.0486	9.4242	0.0318
2G51610.	AC48729-008	12/18/09 03:06	Soil	2G51597.	9.0472	0.0442	9.4242	0.0318
2G51611	AC48729-009	12/18/09 03:20	Sail	2G51597	9.0471	0.0453	9.4243	0.0329
2G51612.	AC48729-010	12/18/09 03:33	Soil	2G51597.	9.0462	0.0553	9.4243	0.0329
2G51613.	AC48729-011	12/18/09 C3:47	Soll	2G51597.	9.0477	0.0387	9.4248	0.0382
2G51614.	AC48729-012	12/18/09 04:01	Soil	2G51597.	9.0475	0.0409	9.4258	0.0488
ZG51615.	AC48729-013	12/18/09 04:15	Soil	2G51597.	9.0474	0.042	9.4256	0.0467
	.,	12/18/09 C4:29	Soil	2G51597.		0.0254	9.4258	0.0488
	1000PPB	12/18/09 04:43	Sail	2G51597.	9.0487	0.0276	9.4262	0.0531
	CAL 1660@2000PPB	12/18/09 04:56	Soil	2G51597.	9.0489	0.0254	9.4259	0.0499
	AC48729-016	12/18/09 05:10	Sail	2G51618.	9.0482	0.0077	9.4267	0.0085
	AC48729-016	12/18/09 05:24	Soil	2G51618.	9.0486	0.0033	9.4253	0.0064
ikidan14-99	AC48866-005	12/18/09 05:38	Soil	2G51618.	9.0481	0.D088	9.4259	0 0447
	AC48866-006	12/18/09 05:52	Soil	2G51618.	9.0473	0.0177	9.4248	0.0117
	AC48866-007	12/18/09 06:06	Soll	2G51618.	9.0468	0.0232	9.4249	0.0106
	AC48866-008	12/18/09 06:20	Soil	2G51618.	9.0478	0.0122	9.4255 9.4288	0,0042 0,0308
	AC48870-001	12/18/09 06:33	Soi	2G51618.	9.0512	0.0254		
	AC48870-002	12/18/09 06:47	Soil	2G51618.	9.0520 9.0573	0.0343 0.0928	9 4284 9 4336	0.0265 0.0817
	AC48870-003	12/18/09 07:01 12/18/09 07:15	Soil Soil	2G51618 2G51618.	9.0630	0.1557	9,4391	0.1399
	AC48870-004 SMB3177(MS)	12/18/09 07:29	Soil	2G51618.	9.0500	0.1337	9.4276	0.018
	AC48870-004	12/18/09 07:45	Soil	2G51618.	9.0624	0.1491	9.4355	0.1018
	SMB3178(MS)	12/18/09 07:59	Soil	2G51618.	9.0552	0.0696	9.4311	0.0551
	SMB3178	12/18/09 08:12	Soil	2G51618	9.0562	0.0806	9.4330	0.0753
	SMB1327	12/18/09 08:26	OIL/OTHER		9.0546	0.063	9.4311	0.0551
	SMB1327(MS)	12/18/09 08:40	OIL/OTHER		9.0536	0.0519	9.4297	0.0403
	CAL 1660@2000PPB	12/18/09 09:08	OIL/OTHER		9.0534	0.0497	9.4309	0.053
	AC48892-001	12/18/09 09:36	Soil	2G51635.	9.0680	0.1611	9,4385	0.0806
	AC48892-002	12/18/09 09:50	Soil	2G51635	9.0631	0.1071	9.4368	0.0525
2G51638.	AC48892-003	12/18/09 10:04	Soil	2G51635.	9.0845	0.3429	9.4555	0,2605
2G51639.	AC48892-004	12/18/09 10:18	Soll	2G51635.	9.0862	0.3616	9.4569	0.2753
2G51640.	AC48838-002(MS)	12/18/09 10:32	Soil	2G51635.	9.0652	0.1303	9,4414	0.1113
2G51641	AC48838-002(MSD)	12/18/09 10:46	Soil	2G51635.	9.0662	0.1413	9,4416	0.1134
2G51642.	CAL 1660@1000PPB	12/18/09 11:00	Soil	2G51635.	9.0624	0.0994	9.4386	0.0816
	AC48728-002	12/18/09 11:19	OIL/OTHER		9.0763	0.1533	9.4504	0.1249
2G51644.	AC48728-004	12/18/09 11:33	OIL/OTHER		9.0825	0.2216	9.4542	0.1651
2G51645.	AC48728-001	12/18/09 11:47	OIL/OTHER		9.0711	0.096	9.4453	0.071
	AC48728-003	12/18/09_12:01	OILIOTHER		9.0763	0.1533	9.4492	0,1122
	AC48956-001	12/18/09 12:15	OIL/OTHER		9.0705	0.0893	9.4457	0.0752
	AC48956-002	12/18/09 12:28	OIL/OTHER		9.0842	0.2403	9.4580	0.2053
	AC48956-001(5X)	12/18/09 13:08	OIL/OTHER		9.0804	0.1984	9.4499	0.1197
	AC48956-001(MS)	12/18/09 13:24	OIL/OTHER		9.0650	0.0287	9.4381	0.0053
	AC48956-001(MSD)	12/18/09 13:37	OIL/OTHER		9.0578	0.0508	9.4331	<u>0.0583</u>
	AC48916-001	12/18/09 14:25	Soil	2G51642	9 0464	0.1767	9.4236	0.159
	CAL 1660@1000PPB	12/18/09 14:39	Soil	2G51642.	9.0480	0.159	9 4255	0.1389
	SMB3179	12/18/09 14:52	Soil	2G51653.	9.0474 9.0481	0.0066 0.0011	9.4252 9.4250	0.0032 0.0053
	SMB3179(MS)	12/18/09 15:06 12/18/09 15:20	Soil Soil	2G51653. 2G51653.	9 0477	0.0033	9.4247	0.0085
	SMB2484B SMB2485B	12/18/09 15:20	Soil	2G51653.	9 0491	0.0122	9.4257	0.0021
	SMB2484B(MS)	12/18/09 19:20	Soil	2G51653.	9.0522	0.0464	9.4210	0.0021
	SMB2485B(MS)	12/18/09 19:34	Soil	2G51653.	9.0451	0.0321	9.4204	0.0541
	CAL 1660@1000PPB	12/18/09 19:48	Soil	2G51653.	9.0451	0.0321	9.4213	C 0446
	AC48917-012(MS)	12/18/09 20:02	Soil	2G51660.	9.0451	0	9.4218	C 0053
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Method: EPA 8082 Instrument: GC\_2

Column: DB-17/1701P 30M 0 32mm ID 0.25um film

Data File S	Sample#	Analysis Date/Time	Matrix	Reference File	Column 1 RT	Column 1 % Drlft	Column 2 RT	Column 2 % Drift
2G51662. A	AC48917-012(MSD)	12/18/09 20:16	Sol	2G51660.	9.0460	0.0099	9 4240	0.0287
	AC48917-012	12/18/09 20:30	Soil	2G51660.	9.0460	0.0099	9.4244	0.0329
2G51664. A	AC48917-002	12/18/09 20:44	Sail	2G51660.	9.0490	0.0431	9.4254	0.0435
2G51665, A	C48917-004	12/18/09 20:58	Soil	2G51660.	9.0484	0.0365	9.4254	0.0435
3	AC48917-006	12/18/09 21:11	Soil	2G51660	9.0479	0.031	9,4246	0.035
Addition to the second	C48917-008	12/18/09 21:25	Soil	2G51660	9.0479	0.031	9.4250	0.0393
	C48917-010	12/18/09 21:39	Soil	2G51660.	9.0467	0.0177	9.4258	0.0478
	C48917-D14	12/18/09 21:53	Soil	2G51660.	9.0481	0.0332	9.4252	0.0414
	C48917-016	12/18/09 22:07	Soil	2G51660.	9.0489	0.0332	9,4267	0.0573
	CAL 1660@1000PPB	12/18/09 22:21	Soil	2G51660.	9.0486	0.0387	9.4247	D.0361
2G51672. 2	the second of the best second billion and the second secon	12/18/09 22:35	Soil	2G51671.	9.0477	0.0099	9.4254	0.0074
	C48920-DD1	12/18/09 22:48	Soil	2051671.	9.0477	0.0033	9.4254	0.0074
	C48920-002	12/18/09 23:02	Soil	2G51671.	9.0473		9.4245	
	C48920-003	12/18/09 23:16	Soil			0.0144		0.0021
	C48920-004			2G51671.	9.0483	0.0033	9.4252	0.0053
	C48920-005	12/18/09 23:30	Soll	2G51671.	9,0485	0.0011	9.4251	0.0042
	C46920-005 C46920-006	12/18/09 23:44	Soil	2G51671.	9.0485	0.0011	9.4253	0.0064
		12/18/09 23:58	Soil	2G51671.	9.0481	0.0055	9.4255	D.0085
	C48920-DD7	12/19/09 00:12	Soil	2G51671.	9.0496	0.011	9.4256	0.0096
	C48920-008	12/19/09 00:26	Soil	2G51671.	9.0487	0.0011	9.4256	0.0096
	C48906-001	12/19/09 00:39	Soil	<u> 2G51671.</u>	9.0555	0,0762	9.4311	0.0679
	C48906-002	12/19/09 00:53	Soil	2G51671.	9.0597	0.1226	9.4358	0.1177
	C48906-003	12/19/09 01:07	Soil	2G51671.	9.0595	0.1204	9.4341	0.0997
	C48906-004	12/19/09 01:21	Soil	2G51671.	9.0601	0.127	9.4364	0.1241
	C48908-001	12/19/09 01:35	Soil	2G51671.	9.0723	0.2616	9.4458	0.2236
CORC - II. FIRE 7- 1 CONTINUES	C48908-002	12/19/09 C1:49	Soil	2G51671	9.0737	0.277	9.4475	0.2416
	C48908-003	12/19/09 02:03	Soil	2G51671.	9.0725	0.2638	9.4460	0.2258
	C48770-001	12/19/09 02:17	Soil	2G51671.	9.0658	0.1899	9.4398	0.1601
	.C48770-002	12/19/09 C2:30	Soil	2G51671.	9.0629	0.1579	9.4365	0.1251
	.C48850-007(MS:AC48	12/19/09 02:44	Soil	2G51671.	9.0635	0.1645	9.4374	0.1347
		12/19/09 02:58	Soi	2G51671.	9.0639	0.1689	9.4374	0.1347
2G51692, 10		12/19/09 03:12	Soi	2G51671.	9.0629	0.1579	9.4380	0 1198
2G51693. C	AL 1660@2000PPB	12/19/09 03:26	Soil	2G51671	9 0635	0.1645	9 4373	0.1336
2G51694. A	.C48850-006	12/19/09 03:40	Soi-	2G51693.	9.0618	0.0188	9.4368	0.0053
2G51695 A	.C48850-001	12/19/09 03:54	Soi	2G51693.	9.0610	0.0276	9,4361	0.0127
2G51696. A	C48850-005	12/19/09 04:08	Soil	2G51693.	9.0629	0,0066	9.4381	0.0085
2G51697. A	.C48850-013	12/19/09 04:22	Soil	2G51693.	9.0617	0.0199	9.4370	0.0032
2G51698, A	C48850-014	12/19/09 04:35	Soil	2G51693.	9.0619	0.0177	9.4350	0.0244
2G51599. A	C48850-024	12/19/09 04:49	Soil	2G51693.	9.0612	0.0254	9.4362	0.0117
2G51700. A	.C48850-025	12/19/09 05:03	Soil	2G51693.	9.0623	0.0132	9.4360	0.0138
2G51701_A	C48850-031	12/19/09 05:17	Soil	2G51693	9.0624	0.0121	9,4361	0.0127
2G51702. A	C48850-034	12/19/09 05:31	Soil	2G51693.	9.0614	0.0232	9.4352	0.0223
2G51703. At	C48820-002	12/19/09 05:45	Soil	2G51693.	9.0625	0.011	9.4370	0.0032
2G51704. At	C48789-001	12/19/09 05:59	Soil	2G51693.	9.0618	0.0188	9.4360	0.0138
2G51705, A	C48789-002	12/19/09 06:13	Soil	2G51693.	9.0615	0.0221	9.4355	0.0191
2G51706. A	C48789-003	12/19/09 06:26	Soil	2G51693.	9.0629	0,0066	9.4380	0.0074
2G51707. AG		12/19/09 06:40	Soil	2G51693.	9.0586	0.0541	9.4330	0.0456
2G51708. A	C48789-005	12/19/09 06:54	Spil	2G51693.	9.0586	0.0552	9.4339	0.035
2G51709. AC		12/19/09 07:08	Soil	2G51693.	9.0574	0.0673	9.4320	0.0562
2G51710. A		12/19/09 07:22	Soil	2G51693.	9.0560	0.0828	9.4303	0.0742
2G51711. A		12/19/09 07:36	Soil	2G51693.	9.0572	0.0695	9.4322	0.054
	AL 1660@2000PPB	12/19/09 07:50	Soil	2G51693.	9.0572	0.0695	9.4318	0.0583
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						500.0	Lv=10		<u></u>	0.146 6.03	0.14	1		****	-	!	de model de	Marie Parket	1 2 Avg	Aroclor-1254
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		4000.	2000_	1000.	200.0 500.0	50.00 2	13	1.00	1.00 1	0.125 6.45 1	0.12	-	131	0.1173 0.1140 0.1131	0.1173 0	0.1538 0.1317 0.1200	8 0.1317		1 2 LinF	Aroclor-1260
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		4000.	2000.			50.00 2		1.00	ω		0.079	[	)706	0.0772 0.0734 0.0706	0.07720	0.0865 0.0791	5 0.0865		1 2 Linf	Aroclor-1016
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LV18	ns Lvl7	Lvi6	Lvi5	Calibration Level Concentrations  Lvi3 Lvi4 Lvi5 Lvi6 [	Calibrati	ראט ר	%Rsd	Corr2 %	Corr1 C	RT	AvgRf	RF8	6 RF7	RF5 RF6	RF 4	RF3	RF2	짂	Col Mr Fit:	Compound
- to remove to -					2	***************************************						State of State Sta	12/01/09 07:15	12/01/0	)PP8	1262@500PP8	CAL 1	96	2G51096	11
				12/01/09 07:01	12/01/0	9999 8	CAL 2154@500PPB	)95	2G51095		10		12/01/09 06:47	12/01/0	999C	1248@500PPB	CAL 1	94.	2G51094	9
				12/01/09 06:33	12/01/0	0PPB	CAL 1242@500PPB	)93	2G51093		Ćo		12/01/09 06:19	12/01/0	9440	3268@500PPB	CAL 3	92	2G51092	7
				12/01/09 06:06	12/01/0	00PPB	CAL 1660@4000PPB	91	2G51091		ආ .		12/01/09 05:52	12/01/0	JOPPB	1660@2000PFB	CAL 1	9	2G51090	ረጉ (
				12/01/09 04:30	12/01/0	OOPPB Beegoo	CAL 1660@1000PPB	)87	2651087		<b>*</b> ^		12/01/09 04:29	12/01/1	ig d	CAL 1660/03500PPB	2 £	ž, č	2651084	دد.
			À	0 04 55	*350 / 100 04 56	ı.	7 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	90	2000	Control of the second second second second	1 C 9 C 1 T.	150	2007	Carry Color Colories	-	CAL TECHNICI		e ā	Acord Constant	LGVCI#.
				\nta/Timp	Analusis F	*	Cal Identifian	ō	Data File		#:	>	Total in	Vashreie		intifian	<u>رة</u> 5	<u>.</u>	) 1	#:

# Flags

criteria(if applicable) c - failed the initial calibration

# Note.

Col = Cohum Number

Mr = MultiPeak Analyte 0=sinole neak analyte..>0=multi neak analyte (i.e. neb/chlordanc etc..)

Fit = Indicates whelster Avv RF. Linear, or Onadratic Curve was used for commound.

Corr 1 = Correlation Coefficient for linear Fo.

Corr 2 = Correlation Coefficient for mad Fo.

'Lyl: These compounds use a single pt calibration as specified by the method. The life used to update this calibration point is fisted in the header under level #

All Response Factors # Response Factors / 10000 Initial Calibration Criteria: either %RSD <=20 or Corr >= .995 Columns: Signal #1 db-1701 : Signal #2 db-608

																						¥	7. 1	n. 5	A Allen	
DCB-Surrogate	Aroclor-1268	Arocior-1268	Aracior-1268	Araclar-1268	Arocior-1268	Aroclor-1262	Aroclor-1262	Arocior-1262	Aractor-1262	Aroclor-1262	Aroclor-1254	Aroclor-1254	Aroclor-1254	Aroctor-1254	Arodor-1254	Aroclor-1248	Aroclor-1248	Compound		Ф	7	(J)	ω		Level #:	
2 0 Avg 1.471	2 5 Avg	2 4 Avg	2 3 Avg	2 2 Avg	2 1 Avg —	2 5 Avg	2 4 Avg	2 3 Avg	2 2 Avg	2 1 Ava	2 5 Avg	2 4 Avg	2 3 Avg	2 2 Avg	2 1 Avg	2 5 Avg	2 4 Avg	Col Mr Fit: RF1	2G51096	2G51094.	2651092.	2651090.	2G51084.	2651085	Data File:	
1.4713 1.5097 1.4862 1.4865 1.4743 1.5098		manufic disette		-			means received		es de mass	transfer Affinant	********	-		-	marry marry			RF2 RF3	CAL 1262@500PPB	CAL 1248@500PPB	CAL 3268@500PPB	CAL 1660@2000PPB	CAL 1660@500PPB	CAL 1000@50PPB	Cal Identifier:	
1.4865 1.	-			-	-	-	******	American American				Whenth Address W	meters. Anticidad		manufact .	MANAN.		자 4 고	ОРРВ	8cld0	0PPB	00PPB	OPPB	Sod	q	
4743 1.5098	-	-		-		-	4		1	-	1	-	A water	-	-	1	-	RF5 RF6	12/01/09 07:15	12/01/09 06:47	12/01/09 06:19	12/01/09 05:52	12/01/09 04:29	12/01/09 04:42	Analysis Date/Time	
-		***************************************			****				*****	]		*****			****			RF7 RF8	15	:47	:19	:52	29	:42	Time	,
1.49 9.43	•	- 0.0470 8.52	0.1948.38	- 0.0249 7.52				- 0.0801 8.07				0	- 0.0819 6.23	- 0.0272 5.84	0.0848 5.51	- 0.0665 5.29	- 0.0505 5.15	-8 AvgRf RT	ANTICLE OF THE PROPERTY OF THE	70	œ	හ	4.	2	Level#	Curror service
1,00 1.00	<u>-</u>	<u>-</u>	-1	<u>.</u>	<u></u>	<u>.</u>	<u>.</u>	<u>-</u>	<u></u>	<u>_</u>	<u>ئ</u>	<u>.</u>	<u>.</u>	<u>.</u>	<u>.</u> .	<u>.</u>	<u></u>	Corr1 Corr2		2G51095.	2G51093.	2G51091	2G51087	2G51086	Data File:	
1.1 5.00	Lvl=7 500.0	7	Lyl=7 500.0	Lv=7 500.0	7					LW=11 500.0		Lvi=10 500.0		Lv)=10 500.0	Lv=10 500.0	Lv1=9 500.0	Lv=9 500.0	%Rsd Lv/1		CAL 2154@500PPB	CAL 1242(0)500PPB	CAL 1660(a)4000PPB	CAL 1660@1000PPB	CAL 1660@200PPB	Cal Identifier:	
20.00 50.00 100.0 200.0 400.0																)		Calibration Level Concentrations Lvl2 Lvl3 Lvl4 Lvi5 Lvl6 1							Analysis Date/Time	
J																	and the desired control of the contr	ons Lvl7 Lvl8								,

## Flags

criteria(if applicable) c - failed the initial calibration

## Note:

Avg Rsd Col 1: 7.54

Avg Rsd Col 2: 8.86

Col = Cohrm Number

Mr = MultiPeak Analyte 0=sinole neak analyte. >0=multi neak analyte (i.e. nch/chlordane etc.)

Fit = Indicates whelter Avo RF. Linear, or Ouadratic Curve was used for commound

Corr I = Correlation Coefficient for linear Fa.

Corr 2 = Correlation Coefficient for ouad Ea

Alvi: These compounds use a single pt calibration as specified by the method. The file used to update this calibration point is listed in the header under level # All Resnanse Factors = Resnanse Factors / 10000 Initial Calibration Criteria: either %RSD <=20 or Corr >= .995 Columns: Sional #1 db-1701 : Sional #2 db-608

Leve #: Data File: 2G51585. Cal Identifier: CAL 1660@50PPB Analysis Date/Time 12/17/09 13:14 Initial Calibration Level#: Data File: 2G51584 Cal Identifier: CAL 1660@200PPB Analysis Date/Time 12/17/09 13:01 Instrument: GC\_2

**************************************	Avg Rsd Col 2, 9.1	1: 7.23	Avg Rsd Col	Αν						4		ulia si
The second second is a second	111111 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		The state of the s	The state of the s			-		The second secon		The second section of the second seco	
	500.0	Lv=11	دـُـ	0.101 7.84 -1	1	-		***************************************		-	1 2 Avg	Aroclor-1262
Communication of the Communica		LVI=11	L	0 158 6 83 -1		The second secon			Andreas and the second		1 1 Avo	Araclor-1262
	500.0	Lv=10	۱.,	0.157 6.80 -1	1	And death and		-	***************************************		1 5 Avg	Aroclor-1254
	500.0	Lv1=10	<u>_1</u>	0.0607 6.65 -1	-	The same of the sa		***************************************	Terres 4944	-	1 4 Ava	Arocior-1254
	500.0	Lv1=10	<u>1</u>	0.109 6.27 -1	+	-	*****	*******			1 3 Avg	Aroclor-1254
	500.0	Lvl=10	<u></u>	0.156 5.99 -1	ļ			1		1	1 2 Avg	Aroclor-1254
App.	500.0	Lvl=10	_	0.0971 5.88 -1		A Secretaria				1	1 1 Ava	Aroclor-1254
	500.0	E-h7	<u></u>	0.111 5.62 -1	ļ	The same of the sa	-	-	and the second	1	1 5 AVQ	Araclor-1248
	500.0	S=IA]	<u>.</u> .	0.0904 5.02 -1	1	, 1 1		44,00 *****	*********		1 4 Avq	Aroclor-1248
	500.0	Lvl=9	<u>.</u>	0.160 4.68 -1	-	*****	1	-	and and an extended	-	1 3 AVQ	Aroclor-1248
	500.0	Lvl=9	<u>'</u>	0.0966 4.32 -1	1	}		1	1	1	1 2 Ava	Aroclor-1248
A CANADA I TA'A I MARANA MANADA MANADA MANADA MANADA MANADA A MANADA A MANADA M	500.0	Lvl=9		0.03/63.86 -1			***************************************			,	1.1.Ava	Aroclor-1248
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	500.0	LVI=8	<u></u>	0.1464.32 -1	1	-		*		1	1 3 Avg	Araclor-1242
	500.0	Lvl=8	1	0.0728 3.86 -1		1			-		1 2 Avg	Aroclor-1242
	500.0	Lvl≕8	-1	0.0411.3.50 -1		******					1 1 Avg	Aroclor-1242
	500.0	Lv=7	<u></u>	0.0399 4.93 -1	1			-			1 5 Avg	Aroclar-1232
	500.0	Lv1-7	<u>.</u>	0.0371 4.45 -1	*******			1		1	1 4 Avg	Aroclor-1232
	500.0	Lvl=7	<u>.</u> .	0.0791 4.32 -1		ļ	dans.	-	1	1	1 3 Avg	Aroclor-1232
	500.0	Lvl=7	<b>.</b>	0.04213.86 -1	1	1 Amount		****	-		1 2 Avg	Aroclor-1232
	500.0	LvI=7		0 0465 3.50 -1	***************************************	-					1 1 Avq	Aroclor-1232
	500.0	Lv=10	<u>_</u>	0 0719 3.47 -1	•	Ī	-		1	-	1 3 Avg	Aroclor-1221
	500.0	Lv1=10	<u>.</u>	0.01763.41 -1	1	•	-	1		+	1 2 Avg	Aroclor-1221
	500.0	Lv=10	<u>.</u>	0.0258 3.26 -1	-	Terherina es		-		1	1 1 Avg	Aroclor-1221
2000_4000_	50.00 200.0 500.0 1000.	4.5	0 1.00	0.159 7.92 1.00	4	661	0.1652 0.1	0.1593 0.1604 0.1652 0.1661	0.1518 0.19	0.1486 0.1518	1 5 Avg	Aroclor-1260
1	1	19		0 0836 7 19 1 00		808	0 0836 0 0	0.0831 0.0856 0.0837 0.0844 0.0836 0.0808	0 0856 0 0	İ	1 4 Avg	Aroclor-1260
2000, 4000.	200.0 500.0	4.0	0 1.00	0.0726 6.60 1.00		716	0.0721 0.0	0.0776 0.0740 0.0695 0.0704 0.0721 0.0716	0.0740 0.00		1 3 Avg	Aroclor-1260
	200.0 500.0	15			-	187 —	0.1249 0.3	0.1756 0.1494 0.1336 0.1291 0.1249 0.1187	0.1494 0.1;		1 2 LinF	Aroclor-1260
2000, 4000,	500.0	6 8	99 1.00	0.103 6.15 0.999	}	934	0.0988 0.0	0.1127 0.1094 0.1035 0.1025 0.0988 0.0934	0.1094 0.10		1 1 LinF	Aroclor-1260
	200.0 500.0	12			*	992	0.1064 0.0	0.1375 0.1273 0.1162 0.1129 0.1064 0.0992	0.1273 0.1		1 5 Linf	Aroclor-1016
	200 0 500.0	6.1	ĺ	1	1	516	0.0540 0.0	0.0611 0.0591 0.0559 0.0555 0.0540 0.0516	0.0591.0.0	í .	1 4 LinF	Aroclor-1016
	200.0 500.0	 	99 1.00	0.174 4.29 0.999	i	509	0.1605 0.1	0.2010 0,1881 0.1735 0.1674 0.1605 0.1509	0.1881 0.1		1 3 LinF	Arocior-1016
	200.0 500.0	<del>ب</del>		0,0855 3,83 0,998	1	725	0.0786 0.0	0.0984 0.0935 0.0862 0.0835 0.0786 0.0725	0.0935 0.00		1 2 LinF	Arocior-1016
2000. 4000.	50.00 200.0 500.0 1000.	9,3	98 1.00	0.0431 3.47 0.998	A Andrews	0.0382	0.0413 0.0	0.0452 0.0451 0.0430 0.0413	0.0452 0.04	0.0458	1 1 LinF	Arocior-1016
200.0 400.0	5.00 20.00 50.00 100.0	3.2	0 1.00	1.82 2.94 1.00	No. As place and	1.8628	1.9095 1.8	1.8355	1.7814 1.8093	1.7467	1 0 Avg	TCMX-Surrogate
LylS Lyl6 Lyl7 Lyl8	LVI1 LVI2 LVI3 LVI4 LVI6 LVI6 LVI6 LVI6 LVI6 LVI6 LVI6 LVI6	%Rsd	ri Con2	AwgRf RT Corr1	RF8	6 RF7	RF5 RF6	RF4	RF2 RF3	목1	Col Mr Fit:	Compound
The second secon		arms and the first and the fir	M. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1.	Vomen salklichafosproproproproprosesson (Assesson memor solden)	(- Tanana	2/17/09 15:22	12/17/0	1262@500PPB	CAL 12626	594.	2G51594	The second secon
	لمسا	CAL 2	2G51593.	_		9 14:54	12/17/09 14:54	1248@500PPB	1	592	2G51592.	9
	. د	CAL 1	G51591.			9 14:26	12/17/09 14:26	3268@500PPB		590.	2G518	7
		CAL	G51588.	<b>්</b>		9 13:42	12/17/09 13:42	1660@2000PPB		587.	2051	យៈ
	CAL 1660/001000PPR 12/17/09 13:28	GAL 1	G51586			2/17/09 12.47	12/17/0	1660@500PPB	CAL 16606	583	2G519	ω.
	1660@200PPR 12/17/09 13:01	2	CR1584			2/17/09 13:14	12/17/0	ROOPR	CAL 1660@50PPB	155	20515	

## Flags

criteria(if applicable) c - failed the initial calibration

Col = Column Number

Mr = MultiPeak Analyte (1=sinole neak analyte...>0=multi neak analyte (i.e. neb/ehlordane etc..)

Fit = Indicates whether Avo RF. Linear, or Quadratic Curve was used for commound.

Corr I = Correlation Coefficient for linear Fo. Corr 2 = Correlation Coefficient for mad Fa

\*Lvl: These compounds use a single pt calibration as specified by the method. The file used to update this calibration point is listed in the header under level #

All Resnanse Factors = Resnanse Factors / 10000
Initial Calibration Criteria: either %RSD <=20 ar Corr >= .995
Columns: Sional #1 db-1701 : Sional #2 db-608

## Initial Calibration Form 6

Instrument: GC\_2

	***************************************	***************************************	Avg Rsd Col 2: 9.1	7.23	sơ Col 1:	Avg Rsc										Aleksan and the same of the sa	
			300.0	LV   27		-	0.000						A DOLLAR DE LA COMPANIONE DE LA COMPANIO				,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,
THE PARTY OF THE P		The state of the s	noo o	The second state of the second second second		٠ ٠.	0.0576.4.65	COLOR MAN AND AND AND AND AND AND AND AND AND A	A. A						2 3 Avr	50	Areclor-1248
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			500.0	Lv=9	<u>.</u> .	<u>_</u>	0.0277 3.96		1		,		1	-	2 1 Avg	õ	Aroclor-1248
			500.0	Lv1=8	<u>.</u>	<u>ـــٰـ</u>	0.0341 5.68	1	-	1	1	-	1	1	2 5 Avg	72	Aroclor-1242
			500.0	Lv1=8	<u></u>	<u></u>	0.0495 4.65	1		-				-	2 4 Avg	12	Aroclor-1242
			500.0	Lvi=8	<u>.</u>	<b>د</b>	0.107 4.33		1	1	1		1		2 3 Avg	73	Aroclor-1242
A SECURE OF THE	The same of the sa		500.0	LVI=8		<u></u>	0.05503.96	A service of the serv	*****			And the second s			2 2 Ava	2	Aroclor-1242
			500.0	[v)=8			0.0290 3.55	1					trace	-	2 1 Avg	72	Aruclor-1242
			500.0	LvI=7	<u>-</u>		0.01585.15	1		1		]	-d-dy-stype		2 5 Avg	Ñ	Aroclor-1232
			500.0	Lv=7		<u>.</u>	0.0211 4.50	1	1				*****	[	2 4 Ava	Ñ	Aroclor-1232
			500.0	Lv=7	<u>.</u>	_	0.0613 4.33	1	-			*****	-		2 3 Ava	100	Aroclor-1232
And the same of the state of the same of t	Month of the Control		500.0	LVI=7	-	۵	0 0337 3.96			* *************************************		1	Maruh	****	2 2 Aya	. 22	Aroclor-1232
			500.0	{_v =7	<u>.</u>	٠	0.0299 3.55	ì		· ·	}	***************************************	1		2 1 Ava	Ñ	Aroclor-1232
			500.0	Lv=10	<u> </u>	<u> </u>	0.0440 3.54		+	1		***************************************	1	-	2 3 Ava		Aroclor-1221
			500,0	Lv1=10	<u></u>	<u>'</u>	0.0140 3.48	1		1	I			1	2 2 Ava		Aroclor-1221
				Lvi=10	<u></u>	<u>.</u>	0.0220 3.33	•	1	-	,	-	i		2 1 Avg	121	Aroclor-1221
<b>5</b>	2000 4000	500.0 1000.	50.00 200.0	3.7	1 00	100	0.0705 8 06		37 —	0 0718 0 0691 0 0662 0 0699 0 0719 0 0737	0 6690	0.0662 0 (	8 0.0691	0.071	2 5 Avq	0	Aroclor-1260
Ó		500.0 1000		5.5	1.00	1.00	0.0546 7.37	***	15	0.0594 0.0566 0.0540 0.0533 0.0523 0.0515	)533 0.	0.0540 0.0	4 0.0566		4	ŏ	Aroclor-1260
Ó	2000, 4000.	500.0 1000,	50.00 200.0	7.5	1.00	1.00	0.0339 7.01	1	19	0.0387 0.0346 0.0331 0.0325 0.0325 0.0319	325 0.	0.0331 0.0	7 0.0346		ω	Ö	Aroctor-1260
Ō		500.0 1000	50.00 200.0		1.00	1.00	0.0851 6.39	· U · U	79 —	0.0966 0.0897 0.0834 0.0825 0.0803 0.0779	)825 0.	0.0834 0.0	6 0.0897		N	ŏ	Aroclor-1260
Ö.		500.0 1000.	50.00 200.0	8.6	1.00	00	0.0779 6.30	*******	00	0.0910 0.0822 0.0760 0.0752 0.0728 0.0700	0.752	0.0760 0.0	0 0.0822			ŏ	Aroclor-1260
0.	ì	500.0 1000.	50 00 200 0	10	100	0 699	0.0400.5.01		49	0.0468 0.0425 0.0392 0.0394 0.0371 0.0349	394 0	0.0392 0.0	8 0.0425	1	S	6	Aroclor-1016
0		500.0 1000.		10	1.00	0.999	0.0570 4.64	-	97	0.0626 0.0557 0.0554 0.0528 0.0497	)554 0.	0.0557 0.0	2 0.0626		2 4 LinF	o	Aroclor-1016
Ö		500.0 1000		ij.	1.00	1.00	0.128 4.32	-	20	0.1196 0.1166 0.1120	196 0.	0.1215 0.	8 0.1339 0.1215		w	ন ন	Aroclor-1016
Ď		500.0 1000	50.00 200.0	17	1.00	0.999	0.0631 3.95	ì	24	0.0812 0.0687 0.0603 0.0597 0.0561 0.0524	)597 0.	0.0603 0.0	2 0.0687		N	ā	Aroclor-1016
ŏ		500.0 1000	0	9.7	1.00	0.998	0.0299 3.55	1	58	0.0336 0.0326 0.0299 0.0294 0.0279 0.0258	1294 0.	0.0299 0.0	6 0.0326			6	Arocior-1016
õ		50.00 100.0		5.6	1.00	1.00	1.33 2.95	****	76	1.2470 1.2672 1.2741 1.3597 1.4034 1.4176	3597 1	1.2741 1	0 1.2672	1 247	2 0 Ava	ogale	TCMX-Surrogate
.0	200.0 400.0	50.00 100.0	5.00 20.00	4.7	1.00	1.00	2.36 9.05	***	98	2.3333 2.2398	2.3488 2.	2.2602 2.3	0 2.4015	2.5490	1 0 Ava	gate	DCB-Surrogate
			500.0	Ľv⊫7	<u>.</u>	<b>.</b>	0.893 8.94		*	And Annual or An			water w	-	1 5 Avg	ŏ	Aroclor-1268
			500.0	1.vl=7	<u></u>	<u></u>	0.0756 8.22	*****	****			*****	-	*****	1 4 Avg	č	Aroclor-1268
			500.0	LvI=7	<u>.</u>	느	0.280 8.13						-		1 3 Avg	8	Aroclor-1268
			500.0	LvI=7	<u>.</u>	<u></u>	0.0450 7.56	-	!	-		***************************************	1	1	1 2 Avg	38	Aroclor-1268
			500.0	Lv=7	<u></u>	느	0.0236 7.23	-	;	-	1	-	1		1 1 Avg	8	Aroclor-1268
			500.0	Lvi=11	<u>-</u>	ٺ	0.0345 8.89		[	,	!		11111	-	1 5 Avg	×	Araclor-1262
			500.0	[_v)=1:1	<u></u>	<u> </u>	0.103 8.60		1	*****	,		The Particular of the Particul	1	1 4 Avg	ĸ	Araclor-1262
			500.0	Lv=11	<u>.</u>	<u>.</u>	0.214 7.91	*****	1	*	1		h t mu	-	1 3 Avq	25	Aroclor-1262
ions 5 Lvi7 Lvl8	Concentratio	Salibration Level	LVI1 LVI2	%Rsd	Corr2	Corr1	AvgRf RT	RF8	RF7	-5 RF6	.4 RF5	RF3 RF4	RF2	RF1	ol Mr Fit	Col	Compound
				Person 15, 1 1 1 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2			and man manufacture of the first transfer and a second manufacture.		15:22	12/1//09 15:22		1262@500PPB	CAL 12	94.	2651594	- to an all the	
		12/17/09 15:08	)OPPB	CAL 2154@500PPB	1593.	2G5	10		14:54	12/17/09 14:54	000	844009(8)8121	CAL		NG 075	<u>,</u> «	
		12/17/09 14:40		CAL 1242@500PPB	2G51591	295	Co		14:26	12/17/09 14:26		3268@500PPB		88	2651590.	> ~	
		12/17/09 13:56		CAL 1660@4000PPB	1588	2G5	6		13:42	12/17/09 13:42	add	1660@2000PPB			2G515	ı O	
		12/17/09 13:28		CAL 1660@1000PPB	1586.	265	4.		12:47	12/17/09 12:47	B	CAL 1660@500PPB	CAL 16	83	26515	s Cd	0.55
	Ì	12/1//09 13:01		CAL 1660@200PPB	1584,	2G5	23		13:14	12/17/09 13:14	O)	CAL 1660@50PPB	CAL 16	.65	2G51585		See 6
		Analysis Date/Time	Ana	Cal Identifier:	Dala File:	Dale	Level#:		ite/Time	Analysis Date/Time		tifier:	Calide	ilo	Data Filo	Leve #:	4
																	- E

## Flags

criteria(if applicable) c - failed the initial calibration

## Note:

Col = Column Number

Mr = MultiPeak Analyte 0=sinple neak analyte >0=multi neak analyte if e\_nch/chlordane etc.)

Fit = Indicates whether Ave RF. Linear or Onadratic Ourve was used for compound.

Corr 1 = Correlation Coefficient for guad Eq.

Corr 2 = Correlation Coefficient for guad Eq.

1 vl: These compounds use a single pt calibration as specified by the method. The file used to update this calibration point is listed in the header under level #

All Resnanse Factors = Resnanse Factors / 10000 Initial Calibration Criteria: either %RSD <=20 or Corr >= .995 Columns: Signal #1 db-1701 : Signal #2 db-608

O	➣	Þ	Þ	Þ	Þ	➣	➣	➣	<b>&gt;</b>	Þ	Þ	⊅	D	Þ	<b>&gt;</b>	➣	D	0	****			a.	30 - g.	.,, .¥ <del></del>	to and
DCB-Surrogate	Aroclor-1268	Araclar-1268	Aroctor-1268	Aroclor-1268	Aroclor-1268	Arocior-1262	Aroclor-1262	Arector-1262	Aroclor-1252	Aroclor-1262	Aroclor-1254	Aroclor-1254	Aroclor-1254	Aroclor-1254	Aroclor-1254	Aroclor-1248	Aroclor-1248	Compound	**************************************						*
ite													the same and the s						1	9	7	IJ	ω	w-k	Level#:
2 0 Avq	2 5 Avg	2 4 Avg	2 3 Avg	2 2 Avg	2 1 Avg	2 5 Ava	2 4 AVD	2 3 Ava	2 2 Avg	2 1 Avg	2.5 Avg .	2 4 AVQ	2 3 Avg	2 2 AVG	2 1 Avg	2 5 Avg	2 4 Avg	Co Mr Fit	2651594	2G51592	2G51590	2G51587	2G51583	2G51585	Data File
1.6700				i	v te lon	1	1444		*****			***		V-10-00	d Actually	-		괶		•	•		•	•	
6700 1.5207 1.4076 1.4285 1.4222 1.4056	-	***		i	and an and an and an an an an an an an an an an an an an			The same	-	W	1	-	****	-	and the same		1	RF2	CAL 12	<b>CAL 12</b>	CAL 32	CAL 16	CAL 16	CAL 16	Cal Identifier
1.4076	1	1	1	-	1	-	1	in the second	ļ	1	1	i	-	1	- Artista		-	RF3	CAL 1262@500PPB	CAL 1248@500PPB	CAL 3268@500PPB	CAL 1660@2000PPB	CAL 1660@500PPB	CAL 1660@50PPB	ntifier:
1.4285		1		***	-			L'arma	E of felt	ļ	-	-		1	!	-	To the same of	R 4	9990	999B	OPPB B440	<b>B</b> dd00	94d0	89	The second secon
1.4222	ļ	-		-		Í	-		-	ŀ	-	-	1	-	-	1	***************************************	RF5	12/	12/-	12/-	12/-	12/-	12/	Analy
1.4056		-	-	-	-	*	-	li-manufacture.	Ì	*****	Ì		-		*****	-	* was	RF6	2/17/09 15:22	(2/17/09 14:54	12/17/09 14:26	2/17/09 13:42	12/17/09 12:47	12/17/09 13:14	Analysis Date/Time
	1	-	-			1			-	-	1	-		-	ĺ	-	1	RF7	S	1.54	1:26	3:42	47	3:14	∏ime
	-	1	Andropolis de	1		ļ	1	1				1	-	1	1			RF8							! 
1,489,43	0.578 9.03	0.0443 8.52	0 180 8 38	0.0234 7.52	0.0164 7.47	0.0231 9.02	0.0916 8.60	0.0750 8.06	0.0799 7.96	0.108 6.94	0.03797.42	0.0337 6.73	0.0790 6.23	0.0268 5.83	0.0833 5.51	0.0646 5.29	0.0493 5.15	AvgRf RT		ð	<u>α</u>	ග	4	2	Level #:
3 1.00	<u>۳</u>	2	8 -1	2 -1	7 -1	2	<u></u>	5	; (3)	, <u>,</u> ,,	7	ص ٺ	<u>ب</u>	<u>ئ</u>	نــ نــٰ	<u>:</u>	<u>ٿ</u>	Corri		2(	20	20	20	2(	Ö
1.00	<u>:</u>	<u>.</u>	<u>.</u>	<u> </u>	<u></u>	<u>'</u>	<u>.</u> .	<u></u>	<u></u>	<u>.</u>	스	1.	-	1	<u>.</u>	۰	<u></u>	1 Corr2		2G51593.	2G51591.	2G51588.	2G51586.	2G51584.	Data File:
7.1	Lvl=7	[_v =7	Lv!=7	! vl=7	! v!=7	Lv1=11	Lvf=11	(_v/=11	Lv=11	Lv=11	Lvl=10	Lvl=10	Lv=10	Lvl=10	Lyl=10	[_v =9	[.v =9	%Rsd	The second secon	CAL 2	CAL 1	CAL 1	CAL 1	CAL 1	Cal Identifier
5.00	500.0	500,0	500.0	500.0	500.0	500.0	500.0	500.0	500.0	500.0	500.0	500.0	500.0	500.0	500.0	500.0	500.0	Lvl1	AND AND AND AND AND AND AND AND AND AND	CAL 2154@500PPB	CAL 1242/00500PPB	CAL 1660@4000PPB	CAL 1660@1000PPB	CAL 1660@200PPB	ntifier:
20.00 50.00 100.0 200.0 400.0																		Calibration Level Concentrations Lvl2 Lvl3 Lvl4 Lvl5 Lvl6 I	MIT 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	12/17/09 15:08	12/17/09 14:40			12/17/09 13:01	Analysis Date/Time
0.0 400.0																		Incentrations IS Lyl6 Lyl7	AND THE PERSON OF THE PERSON O						
								***************************************										Lv8							

criteria(if applicable) e - failed the initial calibration

## Note:

Col = Column Number

Mt = MultiPeak Analyte 0=sinole neak analyte >0=multi neak analyte (i e\_nchlehlordane etc.)

Fit = Indicates whelster Avo RF. I incar, or () nodratic Curve was used for comnound.

Corr I = Correlation Coefficient for linear Fo.

Corr 2 = Correlation Coefficient for quad Fo.

1.vl: These compounds use a single pt calibration as specified by the method. The file used to update this calibration point is listed in the header under level #

All Resnanse Factors - Resnanse Factors / 10000 Initial Calibration Criteria: either %RSD <=20 or Corr >= .995 Columns: Signal #1 db-1701 - Signal #2 db-608

Avg Rsd Col 1: 7.23

Avg Rsd Col 2: 9.1

Form7
Continuing Calibration

	Data   Meti Calibration Na Calibration Date/I	hod: ime:	: :	2G513 8082 CAL 1 12/10/0	660@5 09 08:1			660@1 09 10:5			660@1 09 12:1		1.1	660@1 09 00:0		5.3	660@2 09 04:5	
Compound	Limit	Col	Mr	Conc	Conc Exp	%Diff	Conc	Conc	%Diff	Conc	Conc	%Diff	Conc	Conc Exp	%Diff	Conc	Conc Exp	%Diff
TCMX-Surro	gate 15	1	0	45.48	50	9.0	113.2	100	13.2	113.2	100	13.2	75.84	100	24.2*	179.7	200	10.1
Aroclor-1016	=	1	4	419.7	500	16.1*	1064	1000	6.4	1088	1000	8.8	859.7	1000	14.0	1869	2000	6.6
, Aroclor-1016	15	1	2	475.1	500	5.0	1157	1000	15.7*	1152	1000	15.2	851.9	1000	14.8	1862	2000	6.9
Aroclor-1016	15	1	3	476.2	500	4.8	1137	1000	13.7	1136	1000	13.6	804.6	1000	19,5*	1815	2000	9.3
Aroclor-1016	15	1	4	432.3	500	13.6	1068	1000	6.8	1065	1000	6.5	772.1	1000	22.8*	1808	2000	9.6
Aroclor-1016	15	4	5	487.1	500	2.6	1153	1000	15.3	1128	1000	128	810.9	1000	18.9*	1861	2000	7.0
Aroclor-1260	15	1	1	447.2	500	10.6	1057	1000	5.7	1090	1000	9.0	819.9	1000	18.0*	1880	2000	6.0
Aroclor-1260	15	1	2	498.1	500	0.4	1097	1000	9.7	1115	1000	115	773.4	1000	22.7*	1833	2000	8.3
Aroclar-1260	15	1	3	398,7	500	20.3*	1017	1000	1.7	1065	1000	6.5	676.4	1000	32.4*	1733	2000	13.3
Aroclor-126€	15	1	4	437.3	500	12.5	1012	1000	1,2	1049	1000	4.9	755.6	1000	24.4*	1803	2000	9.8
Aroclor-1260	15	1	5	440.9	500	11.8	1009	1000	0.9	1041	1000	4.1	720	1000	28.0*	1812	2000	9.4
OCB-Surrog	ate 15	1	0	44.45	50	11.1	96.55	100	3.4	100.1	100	0.1	71.17	100	28.8*	171.8	200	14.1
Average Diff	erence 15	1	0	, and the same of	FF C F FIL I'S I'M WAR	9.8			7.8	tirte transmi		8.9		****	22.4*	(d		9.2
TCMX-Surro	gate 15	2	0	47.21	50	5.6	98.9	100	1.1	99.98	100	0.0	102.8	100	2.8	216.6	200	8.3
Aroclor-1016	15	2	1	506.2	500	1.2	1046	1000	4.6	1042	1000	4.2	1153	1000	15.3	2188	2000	9.4
Aroclor-1016	15	2	2	516.3	500	3.3	1050	1000	5.0	1056	1000	5.6	1129	1000	12.9	2163	2000	8,1
Aroclor-1016	15	2	3	504.4	500	0.9	1014	1000	1.4	1018	1000	1,8	1046	1000	4.6	2107	2000	5.3
Aroclor-1016	15	2	4	499.6	500	0.1	1028	1000	2.8	1036	1000	3.6	1054	1000	5.4	2134	2000	6.7
Aroclor-1016	15	2	5	484.1	500	3.2	1013	1000	1.3	1040	1000	4.0	1040	1000	4.0	2161	2000	8.1
, Areclor-1260	15	2	1	482.8	500	3.5	1002	1000	0.2	1021	1000	2.1	1023	1000	2.3	2118	2000	5.9
Aroclor-1260	15	2	2	485.3	500	2.9	998,1	1000	0.2	1037	1000	3.7	997.1	1000	0.3	2101	2000	5.0
Aroclor-1260	15	2	3	556.4	500	11.3	935.5	1000	6.5	1027	1000	2.7	962.7	1000	3.7	2103	2000	5.1
Areclar-1260	15	2	4	439.3	500	12.1	931.8	1000	6.8	939.3	1000	6,1	959.4	1000	4.1	2062	2000	3.1
Arcclor-1260	15	2	5	501,5	500	0.3	952.8	1000	4.7	1002	1000	0.2	896.5	1000	10.4	2080	2000	4.0
DCB-Surroga	ite 15	2	0	50.76	50	1.5	97.69	100	2.3	99.32	100	0.7	88.31	100	11.7	194.7	200	2.7
Average Diffe	erence 15	2	0			3.8	-		3.1	ļ		2.9			6.4			6.0

Form7
Continuing Calibration

	Data File: Method: ration Name: n Date/Time	2G51635.D 8082 CAL 1660@2000PP 12/18/09 09:08 Conc	Conc	Conc	Conc	Conc
Compound	Limit Col Mr	Conc Exp %Diff	Conc Exp %Diff	Conc Exp %Diff	Conc Exp %Diff	Conc Exp %Diff
TCMX-Surrogate	15 1 0	181.4 200 9.3				
Aroclor-1016	15 1 1	1860 2000 7.0				
Aroclor-1016	15 1 2	1831 2000 8.5	1			
Aroclor-1016	15 1 3	1793 2000 10.3	The state of the s			
Aroclor-1015	15 1 4	1766 2000 11.7		A CONTRACTOR OF THE CONTRACTOR		
Aroclor-1016	15 1 5	1816 2000 9.2				
Aroclor-1260	15 1 1	1799 2000 10.1	- Control of the Cont	Production of the second and the second seco		
Aroclor-1260	15 1 2	1733 2000 13.4				
Aroclor-1260	15 1 3	1624 2000 18.8*			- Property of the Property of	
Aroclor-1260	15 1 4	1659 2000 17.0*				
Aroclor-1260	15 1 5	1701 2000 15.0				
DCB-Surrogate	15 <b>1</b> 0	160.2 200 19.9*				
Average Difference	15 1 0	12.5			1   1   1   1   1   1   1   1   1   1	
TCMX-Surrogate	15 2 0	206.5 200 3.3				
Aroclor-1016	15 2 1	2136 2000 6.8				
Aroclor-1016	15 2 2	2072 2000 3.6			:	
Aroclor-1016	15 2 3	2011 2000 0.5	·			
Aroclor-1016	15 2 4	2014 2000 0.7				
Areclor-1016	15 2 5	2056 2000 2.8	A count of the A to A Market and the second of the best of the second of			i i
Aroclor-1260	15 2 1	1992 2000 0.4			200 00 00 00 00 00 00 00 00 00 00 00 00	
Arccior-1260	15 2 2	1987 2000 0.7				
Aroclor-1260	15 2 3	1964 2000 1.8				
Aroclor-1260	15 2 4	1989 2000 0.6		3	1 o o o o o o o o o o o o o o o o o o o	
Aroclor-1260	15 2 5	1970 2000 1.5				
DCB-Surrogate	15 2 0	182.1 200 9.0			***	
Average Difference	15 2 0	2.6				

Form7
REWindow Summary

Ē.	RŧWindo	w Summary		Metho	od: EPA 8081	2						
		Data File:	2015	1085.D	205	1585.D	20	51364 D	205	1375.D	205	1597.D
	Calibr	ation Name:		60@50PPB		60@50PPB		60@500PPB		0@1000PPB		@ 1000PPB
	Calibratio	n Date/Time		4:42:00 AM		9 1:14:00 PM		09 8:19:00 AM	1	10:56:00 AM		12:05:00 AM
	Compound	Col Mr	CalRT	Limit	Cal RT	Limit	CalRT	Limit	CalRT	Limit	Cal RT	Limit
	TCMX-Surrogate	1 G	2,96	(2,90 - 3,02)	294	(2.88 - 3.00)	************	ranocean binikish reserva waxaa aa aa aa a	***********	echologogogogogogogogogogogogogogogogogogo	Octobro (Appropriate Appropriate THE PERSON NAMED IN THE PE	
	Arocior-1016	1 1	3.50	(3.46 - 3.54)	3.47	(3,43 - 3,51)	2,95 3,48	(2.89 ~ 3.01) (3.44 ~ 3.52)	2.96 3.49	(2,90 - 3,02) (3,45 - 3,53)	2.94 3,47	(2.88 - 3.00) (3.43 - 3.51)
	Arocior-1016	1 2	3.86	(3.82 - 3.90)	3.83	(3.79 - 3.87)	3.B4	(3.80 - 3.88)	3.86	(3.81 - 3.89)	3.84	(3,80 - 3,88)
	Arocior-1016	1 3	4.32	(4.28 - 4.36)	4 29	(4.25 - 4.33)	4.30	(4.26 - 4.34)	4.30	(4.26 - 4.34)	4.29	(4.25 - 4.33)
	Arocior-1016 Arocior-1016	1 4	4.56 4.68	(4.52 - 4.60) (4.64 - 4.72)	4 53 4 55	(4.49 - 4.57) (4.61 - 4.69)	4.54 4.66	(4.50 - 4.58) (4.62 - 4.70)	4.54 4.66	(4.50 - 4.58) (4.62 - 4.70)	4.53 4.65	(4,49 - 4.57) (4,61 - 4,69)
	Aroclor-1260	1 1	6.20	(3.15 - 6.24)	6.15	(8 11 - 6,19)	6.16	(6.12 - 6.20)	6.17	(6.13 - 6.21)	6,15	(6.11 - 6.19)
11	Arocler-1269	1 2	6.45	(6.41 - 6.49)	6.40	(8 36 - 6.44)	8.42	(6.38 - 6.46)	6.42	(6.38 - 6.46)	6.41	(6.37 - 6.45)
.	Araclar-1260 Araclar-1260	1 3	6.65	(6.61 - 6.69)	6.60	(6.56 - 6.64)	6.62	(6.58 - 6.66)	6.62	(6.58 - 6.68)	6.60	(6.56 - 6.64)
!	Arocicr-1260	1 4	7,24 7,97	(7.20 - 7.28) (7.93 - 8,01)	7.19 7.91	(7.15 - 7.23) (7.87 - 7.95)	7.20 7.93	(7.16 - 7.24) (7.89 - 7.97)	7.21 7.93	(7.17 - 7.25) (7.89 - 7.97)	7.19 7.92	(7.15 - 7.23) (7.88 - 7.96)
	Aroclor-1221	<u>i i </u>	3.29	(3.25 - 3.33)	3.27	(3 23 - 3.31)	7.33	17,48 - 1,213	7.80	17.00 - 7.071	1.92	17.00 4 7 801
٠	Aroclor-1221	1 2	3.44	(3.40 - 3.48)	3.41	(3.37 - 3.45)						
	Aroclar-1221 Aroclar-1232	1 3	3.32 3.50	(3.28 - 3.36) (3.46 - 3.54)	3.47	(3.43 - 3.51)						
	Aroclor-1232	1 2	3.86	(3.82 - 3.90)	3.47 3.83	(3.43 - 3.51) (3.79 - 3.87)		}				
	Aroclor-1232	1 3	4.32	(4.28 - 4.36)	4.29	(4 25 - 4,33)						
	Arecior-1232	1 1	4.45	(4.41 4.49)	4.42	(4.38 - 4.46)	·					
	Arcolor-1232 Arcolor-1242	1 5	4.93 3.39	(4.89 - 4.97) (3.35 - 3.43)	4.89 3.47	(4 85 - 4 93)						Į
-	Arector-1242	1 2	3.78	(3.74 - 3.82)	3.83	(3.43 - 3.51) (3.79 - 3.87)						
	Arcolor-1242	1 3	4.19	(4.15 - 4.23)	4.29	(4.25 - 4.33)		. 1				
	Arcolor-1242	1 4	4.57	(4.53 - 4.61)	4.65	(4.61 - 4.69)		2000		*America		
	Arccior-1242 Arccior-1248	1 5	4.80 3.68	(4.76 - 4.84) (3.64 - 3.72)	4.89 3.83	(4.85 - 4.93)				1	entigent estatement men tigt en Constituent.	***************************************
	Aroclor-1248	1 2	4.16	(4.12 - 4.23)	4.29	(4.25 - 4.33)		ļi		100		
!	Araclor-1248	1 3	4.50	(4.46 - 4.54)	4.64	(4.60 - 4.68)				and the second		
	Arcelor 1248	1 4	4.85	(4.81 - 4.89)	4.98	(4.94 - 5.02)	!			4	:	
	Arcclor-1248 Arcclor-1254	1 1	5 45 5.77	(5.41 - 5.49) (5.73 - 5.81)	5.58 5.88	(5.54 - 5.62) (5.84 - 5.92)				4		
	Aroclor-1254	1 2	5.83	(5.79 - 5.87)	5.99	(5.95 - 6.03)						danti 11/1
!	Aroclor-1254	1 3	6.17	(6.13 - 6.21)	6.27	(6.23 - 6.31)						
	Aroclor-1254 Aroclor-1254	1 4 1	6.50 6.70	(6.46 - 6.54)	6.55 6.80	(6.61 - 6.69)				1)		ļ
٠٠,	Aroclor-1262	1 1	6.72	(6.68 - 6.76)	6.83	(6.76 - 6.84) (6.79 - 6.87)						
- }	Aroclor-1262	12	7.73	(7.69 - 7.77)	7.84	(7.80 - 7.88)	<b></b>					
	Aroclor-1262 Aroclor-1262	1 3	7.76	(7.72 - 7.80)	7.91	(7.87 - 7.95)				l [		
	Aroclor-1262	1 4	6.51 8.80	(8.47 - 8.55) (8.76 - 8.84)	8.60 8.89	(8.56 - 8.64) (8.85 - 8.93)						
	Arocior-1268	- 1	7.23	(7.19 - 7.27)	7.18	(7.14 - 7.22)						
	Aroclor-1268	1 2	7.56	(7.52 - 7.60)	7.52	(7.48 - 7.56)		1				
1	Aroclor-1268 Aroclor-1268	1 3	8.13	(8.09 - 8.17)	8.08	(8.04 - 8.12)						
	Arocior-1268	1 5	5.23 8.94	(8.19 - 8.27) (8.90 - 8.98)	8.17 8.89	(8.13 - 8.21) (8.85 - 8.93)						
	DCB-Surrogate	1 0	9.11	(9.05 - 9 17)	9.05	(8.99 - 9.11)	9.07	(9.01 - 9.13)	9.07	(9.01 - 9.13)	9.05	(8.99 - 9.11)
	TCMX-Surrogate	2 0	2.95	(2.89 - 3.01)	2.95	(2.89 - 3.01)	2.96	(2.90 - 3.02)	2.96	(2.90 - 3.02)	2.95	(2.89 - 3.01)
	Arocior-1016 Arocior-1016	2 1	3.5£ 3.9£	(3.51 - 3.59) (3.92 - 4.00)	3.54 3.95	(3.50 - 3.58) (3.91 - 3.99)	3.55	(3.51 - 3.59)	3.56	(3.52 - 3.60)	3,54	(3.50 - 3.58)
/	Aroclor-1016	2 3	4.32	(4.28 - 4.36)	4.32	(4 28 - 4.36)	3,96 4,33	(4.29 - 4.37)	3.96 4.33	(3.92 - 4.00) (4.29 - 4.37)	3.95 4.32	(4.28 - 4.36)
	Aroclor-1016	2 4	4.65	(4 61 - 4.69)	4.64	(4 50 - 4.68)	4.65	(4.61 - 4.69)	4 65	(4.61 - 4.69)	4.64	(4,60 - 4,68)
1	Aroclor-1016 Aroclor-1260	2 5 2 1	5.01	(4.97 - 5.05)	5.01	(4 97 - 5.05)	5.01	(4.97 - 5.05)	5 02	(4.98 - 5.96)	5.00	(4.96 - 5.04)
	Aroclor-1260	2 2	6.31 6.40	(6.27 - 6.35) (6.36 - 6.44)	6.30 6.39	(6.26 - 6.34) (6.35 - 6.43)	6,31 6,40	(6.27 - 6.35) (6.36 - 6.44)	6 3 1 6 4 D	(6,27 - 6,35) (6,36 - 6,44)	6.30 6.39	(6,26 - 6,34) (6,35 - 6,43)
)	Arodior-1260	2 3	7.02	(6.98 - 7.06)	7.01	(6.97 : 7.05)		(6.98 - 7.06)		(6.99 - 7.07)		(6.97 - 7.05)
	Aroclor-1260	2 4	7.37	(7.35 - 7.41)	7.37	(7.33 - 7.41)	7.38	(7.34 - 7.42)	7.38	(7.34 - 7.42)	7.36	(7.32 - 7.40)
	Aroclor-1260 Aroclor-1221	2 5 2 1	8.07 3.34	(8,03 - 8,11) (3,30 - 3,38)	8 06 3.34	(8.02 - 8.10) (3.30 - 3.38)	8.07	(8.03 - 8.11)	8.08	(8.04 - 8.12)	8 06	(8.02 - 8.10)
	Aroclor-1221	2 2	3.49	(3.45 - 3.53)	3.48	(3.44 - 3.52)						-
	Aroclor-1221	2 3	3.41	(3.37 - 3.45)	3.55	(3.51 - 3.59)				The same		ļ
	Aroclor-1232 Aroclor-1232	2 1	3.55 3.96	(3.51 · 3.59) (3.92 - 4.00)	3.55 3.95	(3.51 - 3.59)						
	Aroclor-1232	2 2 2 2 3	4.33	(4.29 - 4.37)	4.32	(3 91 - 3.99) (4.28 - 4 36)						į
Ì	Aroclor-1232	2 4	4.50	(4.46 - 4.54)	4 50	(4.46 - 4.54)				il		
	Aroclor-1232 Aroclor-1242	2 5	5.15	(6.11 - 5.19)	5.14	(5.10 - 5.18)		.				Į.
	Arodor-1242 Arodor-1242	2 1 2 2	3.45	(3.41 - 3.49) (3.88 - 3.98)	3.55 3.95	(3.51 - 3.59) (3.91 - 3.99)						( !
٠,	Aroclor-1242	2 3	4.26	(4 22 - 4 30)	4.32	(4 28 - 4 36)						
	Arocior-1242	2 4	4 57	(4 53 - 4 61)	4 64	(4 60 - 4 68)		:		#		1
	Arodor-1242 Arodor-1248	2 5 2 1	560 378	(5.56 - 5.64) (3.74 - 3.82)	5 67 3.95	(5.63 - 5.71)		:				1
	Aroclor-1248	2 2	4 20	(4 16 - 4 24)	4.32	(4 28 4 36)						
	Aroclor-1248	2 3	4.56	(4.54 - 4.62).	4.65	(4.61 - 4.69)			,	ĺ		
	Aradior-1248 Aradior-1248	2 4 2 5	508	(5.04 - 5.12)	5 14	(5 10 - 5.18)		i i				
	Aracior-1254	2 1	5.22 5.44	(5.18 - 5.26) (5.40 - 5.48)	5.28 5.51	(5.24 - 5.32) (5.47 - 5.65)		Ü		[:		; 
	Aroclor-1254	2 2	5.76	(5.72 - 5.80)	5.83	(5.79 - 5.87)		v		4.113		**
	Araclor-1254	2 3	6.15	(6 11 - 6 19)	6 23	(6.19 - 6.27)		and the state of t				]
	Arador-1254 Arador-1254	2 4 7	6.74 7.38	(6.70 - 6.78)	6.73	(7.38 7.48)	A.T. P.M. 14,1-14,1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-				Mark Angelowsky to combine of the back of	
	Arodor-1262	2 1	6.87	(7.34 - 7.42) (6.83 - 6.91)	7.42 6.94	(7.38 - 7.46) (6.90 - 6.96)				of a constant		-
٦,	Arodor-1262	2 2	7.92	(7 88 - 7.96)	7.96	7.92 - 8.001				and the state of t		İ
	Arodor-1262	2 3	7.97	(7 93 - 8.01)	8.06	(8.02 - 8.10)				11		
	Arodor-1262 Arodor-1262	2 4	8.56 9.03	(8 52 - 8.60) (8 99 - 9.07)	8.60 9.02	(8.56 - 8.64) (8.98 - 9.06)						
	Aroclor-1268	2 1	7.47	(7 43 - 7.51)	7.46	(7.42 - 7.50)					tuer mirror a samening" qui quiginir qui i annimir en re	
11	Aroclor-1268	2 2	7.52	(7.48 - 7.56)	7.51	(7,47 - 7,55)				-		-
	Arocior-1268 Arocior-1258	2 3	8.38	(8.34 - 8.42)	8.37	18.33 - 8.41)				And the second		İ
	Arocior-1268 Arocior-1268	2 4	8.52 9.03	(8.48 - 8.56) (8.99 - 9.07)	8.51 9.02	(8.47 - 8.55) (8.98 - 9.06)				440		
	DCB-Surrogate	2 0	943	(9.37 - 9.49)	9.43	(9.37 - 9.49)	9.44	(9.38 - 9.50)	9.44	(9.38 - 9.50)	9.42	(9.36 - 9.48)

Form7
RtWindow Summary

RtWind	low Summary		MUCHO	Q; 131 A 6002							
i Auro	Data File:	2G51618.		Production has a set here have been a second			MIRRORI I W P. MITTON W W. W. P. P. P. P. P. P. P. P. P. P. P. P. P.		ranna amara tari arawasan wasan datara		
	oration Name: on Date/Time	CAL 1660@20 12/18/2009 4:56	00 AM	The state of the s	ydyldione i rae cuinna kimienia amainidhi (1).		palandijārā kaļu likkon <b>og 1</b> dilinkings k <sup>a</sup> rta paragas paraga				.1
Compound	Col Mr		_imit	CalRT	Limit	CalRT	Limit	CalRT	Limit	Cal RT	Lìmit
TCMX-Surrogate Aroclor-1016	1 0 1 1		8 - 3.00\ 3 - 3.51\							İ	
Arocior-1016	1 2	3,83 (3.7	9 - 3.87)								
Aradiar-1016 Aradiar-1016	1 3		(5 - 4.33) (9 - 4.57)								
Arodlor-1016	15	4.64 (4.6	0 - 4.68)	į		<u> </u>		ļ.ļ		ļ	
Aroclor-1260 Aroclor-1260	1 1		1 - 6,19) 6 - 6,44}								
Arector-1260 Arector-1260	1 3		6 - 6.64\ 5 - 7.23\	1							
Arocio:-1260	1 5		17 - 7.95)	!							
Araclor-1221				,,		H				<u>                                     </u>	,,
Arodior-1221 Arodior-1232	1 3		ĺ			****					
Aroslar-1232	1 2										
Arodor-1232 Arodor-1232	* 3 1 4		1		and the second second				Ulas wygono an monocol	1	
Aroclor-1232	1 5									[]	
Arocior-1242 Arocior-1242	1 1 1 2		i					a contract to			
Aroclar-1242 Aroclar-1242	1 3							and the second s			
Aroclor-1242	15_			<u> </u>	remarkation of the process of			<del>  </del>			
Arodor-1248 Arodor-1248	1 1 1		and the second								
Aroclor-1248 Aroclor-1248	1 3		1	<b>5</b>							
Arodor-1248	1 5					And to the same					
Arodor-1254 Arodor-1254	1 2			 	HILLIAN HP-9	1					
Aroclor-1254 Aroclor-1254	1 3		ļ								
Aroclor-1254	1 5		ļ	į							
Arocior-1262 Arocior-1262	1 1 1 2					1				Ĺ.	
Araclar-1262 Araclar-1262	1 3		j	1							
Aroclor-1262	1 5									[]	
Aroclor-1268 Aroclor-1268	1 1 1 2		2	4							
Atoclor-1268 Arador-1268	1 4	and the second of the second o	·	ļ.,	· · · · · · · · · · · · · · · · · · ·	. <del> </del>				1	
Aroclor-1268	1 5	0.05 (0.0	0 544					1			
DCB-Surrogate TCMX-Surrogate	1 0		99 - 9.11) 39 - 3.01)								
Aroclor-1016 Aroclor-1016	2 1 2 2		i0 - 3.58) <u>  1 - 3.98)</u>								
Aroclor-1016	2 3 2 4	4 32 (4.2	28 - 4.36) 30 - 4.68)								
Arocior-1016 Arocior-1016	2 5	5.00 (4.9	6 - 5.04)								
Arocior-1260 Arocior-1260	2 1 2 2		(6 - 6.34) (5 - 6.43)	ļ				!			
Aroclor-1260	2 . 3	7.01 /6.9	7 7.05)			. <u> </u>		rl		h	
Arocior-1260 Arocior-1260	2 4 2 5		(3 - 7.41) (2 - 8.10)								
Aroclor-1221 Aroclor-1221	2 1 2 2										
Aroclor-1221	2 3									\$	
Aroclor-1232 Aroclor-1232	2 2		- (			1	p,p	1			
Arocior-1232 Arocior-1232	2 3 2 4							The state of the s		B 75 100 100 100 100 100 100 100 100 100 10	
Aroclar-1232 Aroclar-1242	2 5		and the second					100			
Aroclor-1242	2 2	NAMES OF STREET OF STREET STREET, STREET STREET, STREE		·			,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	<u> </u>		<u> </u>	
Aroclor-1242 Aroclor-1242	2 3 2 4		į								
Aroclor-1242 Aroclor-1248	2 5 2 1										
Arodor-1248	2 2		· · · · · · · · · · · · · · · · · · ·	-							
Aroclor-1248 Aroclor-1248	2 3 2 4			interpretational telephone	and the state of the second section of the second s	h	The second secon	1		<del> </del>	
Aroclar-1248 Aroclar-1254	2 5		ļ			Annual Company				17 27 27 27 27 27 27 27 27 27 27 27 27 27	
Arodor-1254	2 2							77.			
Arodor-1254 Arodor-1254	2 3							Ü			
Arador-1254	2 5 2 1							11			
Arodor-1262 Arodor-1262	2 2										
Arodor-1262 Arodor-1262	2 3 2 4		!			11					
Arodor-1262	2 5		\	i 		H	a	J			
Arodor-1268 Arodor-1268	2 1 2 2										
Arociar-1268 Arociar-1268	2 3 2 4		-							The same of the sa	
Aroclor-1268	2 5			-							
DCB-Surregate	2 0	9.43 (9.3	7 9.49			14		11		1	

Date Analyzed: 12/11/09 Data File: S10826A

Prep Batch: 10826

Analytical Method:60108(ICP)/7470A,7471A(Hg)

Instrument: PEICP1

Units: All units in ppm except Hg and icp-ms in ppb

Project Number: 9120444

Lab Name: Veritech

Lab Code:

Contract: Nras No: Sdg No:

Case No:

ICV/CCV SOURCE: VHG LABS

	IGV/GCV	ICV V- 75359	HARRAMAN TATAK YET	CCV V- 75350-19	BWY LBF (BAI CAMPII	CCV V- 75360-30	14 may 146 may 1 p <sup>2</sup> p <sup>2</sup> 1 1 g/24 11	CCV V- 75360-39	ent and enter a second of the	CCV V- 75360-48	//////////////////////////////////////	, , erra e erra errena elektrona ka	the later of the second of the PP is	eren eren eren eren eren eren eren eren	de C. (100 Code Sec. Code de Code		
Analyte	Amt	(2)-7	Rec		Rec		Rec		Rec		Rec	pu rumus, se shumu a tarinishte	Rec	ساداناتانات بالاستاد الدواري	Rec		Rec
Antimony	1/,5	1.01867	102	0.506448	101	0.505133	101	0.507784	102	0.504142	101						
Arsenic	1/.5	1.02810	103	0.512786	103	0.507928	102	0,510939	102	0.507347	101						
Barium	1/.5	1.02715	103	0.524021	105	0.509307	102	0.514844	103	0.507761	102						
Beryllium	1/.5	1,02416	102	0.519231	104	0.509617	102	0.511006	102	C.5C8325	102						:
Cadmium	1/.5	1.01467	101	0.527717	106	0.519825	104	0.620737	104	0.517656	104						
Chromium	1/.5	1.03283	103	0.527173	105	0.516185	103	0.519258	104	0.513487	103						
:Cobalt	1/.5	1.02444	102	0.523862	105	0.514499	103	0.517993	104	0.512652	103						: : .
Copper	1/.5	1.03605	104	0.519227	104	0.507349	101	0.507673	102	0.505722	101						
Lead	1/.5	1.01780	102	0.519810	104	0.517221	103	0.516211	103	0.514662	103						
Manganese	1/.5	1.02278	102	0.526842	105	0.616527	103	0.518988	104	0.515484	103		)				
Nickel	1/.5	1,01095	101	0.517736	104	0.615009	103	0.514010	103	0.511333	102						
Selenium	1/.5	1.02574	103	0.512425	102	0.507985	102	0.505473	101	0.503325	101						
Silver	0.2/.1	0.208074	104	0.105183	105	0.103029	103	0.103343	103	0.103089	103				******		
Thallium	1/.5	1.03210	103	0.528710	106	0,535570	107	0.529316	106	0.530783	106						!
Vanadium	1/.5	1.00388	100	0.516073	103	0.505908	101	0.508300	102	0.505007	101						
Zinc	1/.5	1.02737	103	0.529698	106	0.521619	104	0.518636	104	0.518737	104			,	ļ	ļ !	

Notes: a-indicates analyte failed the ICV limits for 6010B

b-indicates analyte failed the ICV limits for 200.7 or 200.8

c-indicates analyte failed the CCV limits for 200.7/200.8/245.1/6010B (Except Hg 7470A,7471A)

d-indicates analyte failed the CCV limits Hg 7470A/7471A

Qc Limits: ICV - 200.7: 95-105

CCV- 200.7/200.8/6010B/245.1 : 90-110 (Except Hg 7470A/ 7471A=80-120)

CLP ICP ICV/CGV: 90-110

CLP Hg ICV/CCV: 80-120

ICV -6010B/200.8 : 90-110

Date Analyzed: 12/11/09

Data File: S10826B Prep Batch: 10826

Analytical Method:6010B(ICP)/7470A,7471A(Hg)

Instrument: PEICPRAD1

Units: All units in ppm except Hg and icp-ms in ppb

Project Number: 9120444

Lab Name: Veritech

Lab Code:

Contract:

Nras No:

Sdg No: Case No:

ICV/CCV SOURCE: VHG LABS

		ICV/CCV	ICV V- 75359		CCV V- 75350-18		CCV V- 75360-29		CCV V- 75360-38		CCV V- 75360-47							
9	Analyte	Amt	(2)-6	Rec		Rec		Rec		Rec	. does no describe and of the later to	Rec	,	Rec	· · · · · · · · · · · · · · · · · · ·	Rec	,	Rec
	Aluminum	10/5	10.0941	101	5.03431	101	4.95057	99	4.96354	99	4.90570	98						
1	Calcium	100/60	100.196	100	50,0405	100	48,3360	97	49.3828	99	48.3353	97			!			:
. !	iros	10/5	10.0171	100	5.04845	101	4.95854	99	4.96798	99	4.89603	98			1			
)	Magnesium	100/50	99.7943	100	49.9501	100	48,6895	97	48.6243	97	47.9757	96						
-	Potassium	100/50	100.446	100	50.0331	100	49,8597	100	50.6753	101	49,8790	100					:	!
	Sodium	100/50	100.109	100	50.3853	101	50.1650	100	51,0636	102	50.1360	100				dana er og er s		L

Notes:

a-indicates analyte falled the ICV limits for 6010B

b-indicates analyte failed the ICV limits for 200,7 or 200,8

c-indicates analyte failed the CCV limits for 200.7/200.8/245.1/6010B (Except Hg 7470A,7471A)

d-indicates analyte failed the CCV limits Hg 7470A/7471A

Qc Limits:

ICV - 200.7 : 95-105

COV- 200.7/200.8/6010B/245.1 : 90-110 (Except Hg 7470A/ 7471A=80-120)

CLP ICP ICV/CCV: 90-110

CLP Hg ICV/CCV: 80-120

ICV -6010B/200.8: 90-110

Date Analyzed: 12/10/09

Data File: H10826S Prep Batch: 10826

Analytical Method:6010B(ICP)/7470A,7471A(Hg)

Instrument: HGCV2

Units: All units in ppm except Hg and icp-ms in ppb

Project Number: 9120444

Lab Name: Veritech

Lab Code:

Contract: Nras No:

Sdg No:

Case No:

ICV/CCV SOURCE: VHG LABS

	l hid dik es kesikasikasa kilokkasasaa Par <sup>aggar</sup> k	ICV (2)-9	9	CCV-21		CCV-33		CCV-40	A THEFT WILL IN	e de la como dos escolos de las disensos.	THE THE MINISTER A CORNER WAS TRANSFER FROM	to P. A. St. St. St. St. St. St. St. St. St. St	is kulening op en flysklinde liet. His translat i til ned	
Analyte	ICV/CCV Amt		Rec		Rec		Roc		Rec		Rec	Rec	Rec	Rec
Mercury	20/10	21.51	108	10.88	109	10.74	107	10.61	106					Manage Alexander Dans Where it has every one

Notes:

a-indicates analyte failed the ICV limits for 6010B

b-indicates analyte failed the ICV limits for 200.7 or 200.8

c-indicates analyte failed the CCV limits for 200.7/200.8/245.1/6010B (Except Hg 7470A.7471A)

d-indicates analyte failed the CCV limits Hg 7470A/7471A

Qc Limits:

ICV - 200.7 : 95-105

CCV- 200.7/200.8/6010B/245.1: 90-110 (Except Hg 7470A/ 7471A=80-120)

CLP ICP ICV/CCV: 90-110

CLP Hg ICV/CCV: 80-120

ICV -6010B/200.8:90-110

# FORM 3 (ICB/CCB/MB Summary)

Date Analyzed: 12/11/09

Data File: S10826A

Prep Batch: 10826

Reporting Limits Used: SOIL,6010B(ICP)/7470A,7471A(Hg)

Instrument: PEICP1

Units: All units in ppm except Hg and icp-ms in ppb

Project Number: 9120444

Lab Name: Veritech

Lab Code:

Contract:

Nras No:

Sdg No: Case No:

11)				and the same of the same of the same state of th	A. P. P. C. C. C. C. C. C. C. C. C. C. C. C. C.			The state of the second st	
		ICB V-76414-8	CCB-20	CCB-31	CCB-40	CCB-49	MB 10826 (100)-11	MB FB (1)-44	
1.	nalyte	.02 U	.02 U	.02 U	.02 U	.02 U	2U	.02U	Table 1
- (	timony	.02 U	.02 U	.02 U	.D2 U	.02 U	2U	.02 U	
	senic	.02 U	.ง. น	.1 U	.10	.1 U	10 U	.10	
	erium	.006 U	.006 U	U 300.	.006 U	.006 U	.6U	.006 U	
1 1	eryllium	U 800.	.006 U	.006 U	.006 U	U 300,	.6U	.006 U	ì
البردية	admium romium	.05 U	.05 U	.05 U	.05 U	.05 U	5U	.05U	
- !	balt	.025 U	,025 U	.025 U	.025 U	,025 U	2.5U	.025 U	:
		.05 U	.05 U	.05 U	.05 U	.05 U	50	.05∪	:
(	opper ad	.05 U	.05 U	.05 U	.05 U	.05 U	5U	.05 U	:
- 1	anganese	.1U	10	.1 ป	.1 U	ט 1.	100	.10	1
	ickel	.05 U	.05 U	.05 U	.05 U	.05 U	5 U	.05 U	
ì	elenium	.018 U	.018 U	.018 U	.018 U	.018 U	1.8 U	.018 ∪	
. v j	lver	.015 U	.015 U	.015 U	.015 U	U 610,	1.5U	.015U	:
	nallium	.012 U	.012 U	.012 U	.012 U	.012 U	1,20	.012U	
( ' ' )	anadium	.10	.1 U	.1 U	.10	.1 U	100	.10	
- 1	inc	.1 U	.1 0	.1 U	.1 U	.1 U	10U	.10	

Notes: a-indicates absolute value of result found above the reporting limits in CCB/ICB or result found above reporting limit in the MB u-indicates result below reporting limit

# FORM 3 (ICB/CCB/MB Summary)

Date Analyzed: 12/11/09

Data File: S10826B

Lab Name: Veritech

Lab Code:

Prep Batch: 10826 Reporting Limits Used: SOIL,6010B(ICP)/7470A,7471A(Hg)

Contract:

Nras No: Sdg No:

Instrument: PEICPRAD1

Units: All units in ppm except Hg and icp-ms in ppb

Case No:

Project Number: 9120444

		description of the second of t		nethinkensenskip mod syn med somo <sub>s</sub> som pri better til til en er e	**************************************		and the second s	Material (1864)	
	\nalyte	ICB V-76414-7	CCB-19	CCB-30	CCB-39	COB-48	MB 10826 (100)-10	MB FB (1)-43	
	luminum	2 U	2U	2U	2 U	2 U	200 U	2U	
. 18	∠alcium	10 U	100	10 U	10 U	10 U	1000 U	100	
į	ron	2 U	2 U	2 U	2 U	2 U	200 U	2U	
, . , .	lagnesium	5 U	€U	5 U	5 U	5 U	500 U	5U	·
	otassium	5 U	5U	5 U	5 U	5 V	500 U	5U	
	Sodium	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	250 U	2.5U	<u> </u>

Notes: a-indicates absolute value of result found above the reporting limits in CCB/ICB or result found above reporting limit in the MB u-indicates result below reporting limit

# FORM 3 (ICB/CCB/MB Summary)

Date Analyzed: 12/10/09

Data File: H10826S

Prep Batch: 10826

Reporting Limits Used: SOIL,6010B(ICP)/7470A,7471A(Hg)

Instrument: HGCV2

Units: All units in ppm except Hg and icp-ms in ppb

Project Number: 9120444

Lab Name: Veritech

Lab Code:

Contract: Nras No:

Sdg No:

Case No:

	talahan da dalam aya (1 km tina 1 a m).	AND STREET, ST. ST. ST. ST. ST. ST. ST. ST. ST. ST.	V   1879-1971	P - F	annual transfer of the second	grand and hardred en landing and an entire an entire and an entire and an entire and an entire and an entire an entire and an entire and	Add time or a street open and the date of the time of
Analyte	ICB-10	CCB-22	CC8-34	CC8-41	MB 10826 (137)-11	MB FB-38	
ercury	.5 V	.5 U	.5 U	.5 U	84 U	.5U	The state of the s

Notes: a-indicates absolute value of result found above the reporting limits in CCB/ICB or result found above reporting limit in the MB u-indicates result below reporting limit

# FORM 4 (ICSA/ICSAB Summary)

Date Analyzed: 12/11/09

Data File: \$10826A Prep Batch: 10826

Reporting Limits Used: SOIL,6010B(ICP)/7470A,7471A(Hg)

Instrument: PEICP1

Units: ppm

Project Number: 9120444

Lab Name: Veritech

Lab Code:

Contract:

Nras No:

Sdg No: Case No:

ICSA/ICSAB: SOURCE: VHG LABS

.nalyte	Spk Amt	ICSA V- 75989-0	Rec	ICSAB V- 75353-10	Rec	ICSA V- 75989-28	Rec	ICSAB V- 75353-29	Rec	ICSA V- 75989-46	Rec	ICSAB V- 75353-47	Rec	Rec	Rec
uninum	500	471.816	94	472.41000	94	469.045	94	474,02600	95	478.238	96	473.94500	95		
Antimony	1	Ų	ļ	0.97376	97	U		0.96485	96	U	ļ	0.95979	96		
rsenic	1	U	ĺ	3,97170	97	U	ļ	0.97212	97	U		0.95638	96		
arium	.5	U	İ	0.47062	94	U	;	0.46669	93	ប		0.46233	92		
Beryllium	.5	U	-	0.50757	102	U		0.50629	101	υ		0.51045	102		
Cadmium	1	U		0.89085	89	U	i	0.88763	89	Ų	1	0.89348	89		
alcium	500	430.952	86	432.82500	87	430.201	86	435.51100	87	437.791	88	436.75400	87		
hromium	.5	U		0.46886	94	U		0.46500	93	Ų	İ	0.46381	93		i
Cobalt	.5	υ	ļ	0.44946	90	U	ļ	0.44772	90	U		0.44826	90		
apper	.5	U		0.49921	100	U	,	0.49321	99	U		0.49868	100		1
ron	200	175.021	88	177,17800	89	177.021	89	176.16300	88	175.804	88	176.58800	88		
Lead	1	U		0.91176	91	U		0.90249	90	U	į	0.90340	90		i
Magnesium	500	462.876	93	467.81600	94	470.44	94	466.48200	93	467.953	94	469,39800	94		
Janganese	1	U		0.46896	94	U		0.46711	93	U		0.47060	94		!
lickol	1 1	U		0.89382	89	U		0.88022	88	U		0.87724	88		į
Selenium	1	Ü		0.92523	93	υ		0,92679	93	U		0.94327	94	•	
Silver	1	Ü		1.03005	103	υ		1.02873	103	Ų		1.03555	104		ĺ
hallium	1	Ū		0.86044	86	υ		0.87251	87	U		0.87028	87		
/anadium	.5	U		0.43554	87	U		0.43488	87	U		0.43900	88		
Zinc	1	Ü		0.87892	88	U		0.87457	87	ป		0.87508	38		

Notes: a-indicates absolute value of the concentration > 2 \* Reporting Limits In the ICSA

b-indicates absolute value of the concentration above Reporting Limits but < 2 \* Reporting Limits in the ICSA

. c-indicates the recovery failed the Qc Criteria in the ICSAB

u-indicates the absolute value of the concentration was below the reporting limit

# FORM 4 (ICSA/ICSAB Summary)

Date Analyzed: 12/11/09

Data File: \$10826B

Prep Batch: 10826

Reporting Limits Used; SOIL,6010B(ICP)/7470A,7471A(Hg)

Instrument: PEICPRAD1

Units: ppm

Project Number: 9120444

Lab Name: Veritech

Lab Code:

Contract:

Nras No: Sdg Nc:

Case No:

ICSA/ICSAB; SOURCE: VHG LABS

(malyte	Spk Amt	ICSA V- 75989-8	Rec	ICSAB V- 75353-9	Rec	ICSA V- 75989-27	Rec	ICSAB V- 75353-28	Rec	ICSA V 75989-45	Rec	CSAB V- 75353-46	Rec	Rec	Rec
duminum	500	481.718	96	489,72900	98	480.083	96	478.99400	96	467.477	93	480.67400	96		
Calcium	500	454.36	91	461.43300	92	451.704	90 ;	452,44200	90	441.363	88	452.57900	91	1	
- lon	200	184.995	92	187.25100	94	181.297	91 :	181.62000	91	177.222	89	181.26500	91	:	
lagnesium	500	480.273	96	489,46300	98	476.064	95	475,90600	95	462.311	92	475.48600	95		

Notes: a-indicates absolute value of the concentration > 2 \* Reporting Limits In the ICSA

b-indicates absolute value of the concentration above Reporting Limits but < 2 \* Reporting Limits in the ICSA

c-Indicates the recovery failed the Qc Criteria in the ICSAB

u-indicates the absolute value of the concentration was below the reporting limit

Date Analyzed: 12/11/09 Data File: S10826A

Prep Batch: 10826 Analytical Method; 6010B(ICP)/7470A,7471A(Hg)

Instrument: PEICP1

Units: All units in ppm except Hg and icp-ms in ppb

Project Number: 9120444

MATRIX SPIKE SOURCE: VHG LABS

Lab Name: Veritech

Lab Code: Contract:

Nras No: Sdg No:

Case No: Matrix: SOIL

Level: Low

	Sp	ike Ar	nts	LCS	Non Spike Conc				./ ==0		0/ 050		%REC		%REC
Analyte	MS-Tclp MS-Aq MS-soil	LCS Soil	LCS Aq	Rec Limits	AC48729- 001-14	AC48729- 001-16-1X	%REC OR Conc	AC48729- 001-17-1X	%REC OR Conc	LCS-12-1X	%REC OR Conc	LCS MR- 13-1X	OR Conc	LCSW-45- 1X	OR Conc
timony	C.5	1.03	0.5	75 - 125	0.02 L	0.439702	88	0.448713	90	1.27177	1.27	1.32735	1.33	0.482216	96
senic	0.5	1.07	0.5	75 - 125	0.0376016	0.519434	96	0.522587	97	0.996588	.997	1.02325	1.02	0.484817	97
Bariun	0.5	3.31	0.5	75 - 125	0.1 U	0.568638	114	0.570311	114	3.08943	3.09	3.13206	3.13	0.503003	101
ryllium	C.5	0.741	0.5	75 - 125	0,006 £	0.491018	98	0.495628	99	0.714252	.714	0.726969	.727	0,484632	97
dmium	10.5	2.44	0.5	75 - 125	0.006 L	0.498738	100	0.50361	101	2.41468	2.41	2.51693	2.52	0.5008	100
. / Chromium	; (0.5	0.806	0.5	75 - 125	0.0577061	0.555118	99	0.560956	101	0.813006	.813	0.817414	.817	0.50262	101
- phalt	0.5	0,858	0.5	75 - 125	0.025 t	0.495749	99	0.499232	100	0.862938	.863	0.864189	.864	0.501344	100
pper	0.5	0.653	0.5	75 - 125	0.05	0.526983	105	0.536673	107	0.659006	.659	0.693587	.694	0.500635	100
Lead	0.5	1.07	0.5	75 - 125	0.05 t	0.532644	107	0,536398	107	1.03732	1.04	1.01664	1.02	0.497851	100
ануапесе	0.5	4.52	0.5	75 - 125	0.1316	0.634677	101	0.64582	103	4,44856	4.45	4.34809	4.35	0.507772	102
ckel	0.5	0.968	0.5	75 - 125	0.05 t	0.510476	102	0.513895	103	0.995283	.995	1.01266	1.01	0.496023	99
 Selenium	0.5	1.77	0.5	75 - 125	0.018 U	0.475429	95	0.474195	95	1.72086	1.72	1.74347	1.74	0.474489	95
ver	0,1	0.462	0.1	75 - 125	0.015 U	0.0964965	96	0.0970916	97	0.447158	.447	0.451962	.452	0.0984404	98
sallium	; !0.5	2.72	0.5	75 - 125	0.012 (	0.503546	101	0.509118	102	2.62166	2 62	2.75505	2.76	0.517463	:03
 Vanadium	0.5	1.15	0.5	75 - 125	0.120622	0.615132	99	0 633035	102	1.10956	1.11	1.11092	1.11	0.494153	99
ne	0.5	3.78	0.5	7529	0.1	0.587333	117	0.593606	119	3.8588	3.86	3.80729	3.81	0.514292	103

#### MS Qc Limits:

EPA600:	SW846	CLP
MS: 70-130	MS TCLP; >50% MS soil/aqueous:75-125	MS:75-125
:	AND THE STREET WAS A STREET WAS	

Note: All Elements analyzed by ICP(P) or ICP-MS except Mercury(CV)

#### Flags:

U: Conc < Reporting Limit

a: Recovery Failed Specified Limit

b: Recovery Failed Specified Limit but Non Spike concentration > 4\* spike amount

Date Analyzed: 12/11/09 Data File: S10826B

Prep Batch: 10826

Analytical Method: 6010B(ICP)/7470A,7471A(Hg)

Instrument: PEICPRAD1

Units: All units in ppm except Hg and icp-ms in ppb

Project Number: 9120444

MATRIX SPIKE SOURCE: VHG LABS

Lab Name: Veritech

Lab Code:

Contract:

Nras No:

Sdg No:

Case No:

Matrix: SOIL

Level: Low

V.***	Sp	ike An	nts	LCS	Non Spike	1								The state of the s	
Analyte	MS-Tcip MS-Aq MS-soil	LCS Soil	LCS Aq	Rec Limits	Conc AC48729- 001-13	AC48729- 001-15-1X	%REC OR Conc	AC48729- 001-16-1X	%REC OR Conc	LCS-II-IX	%REC OR Conc	LCS MR- 12-LX	%REC OR Conc	LCSW-44- 1X	%REC OR Conc
Siminum	5	106	5.000	75 - 125	14.1357	23.6239	190 a	24.0653	199 a	85.1533	85.2	83.3394	83.3	4.66297	93
leium.	50	96.9	50 00	75 - 125	10 U	50.2338	100	51.466	103	97.9691	98	93.3776	93.4	47.4658	95
lion	5	184	5.000	75 - 125	101.315	99,5433	-33 b	104.695	58 b	177.391	177	174.409	174	4.66233	93
Ignesium	50	41,0	50 00	75 - 125	5 U	50.0954	100	50.6848	101	38.4387	38.4	36.8014	36.8	46.1753	92
tassium	50	44.9	50.00	75 - 125	[5 U	51.7373	103	52,9011	106	40.0163	40	39.6643	39.7	47,4741	95
Sodiam	50	10.6	50.00	75 - 125	2,5 U	48.8999	98	50,1234	100	10.8704	10.9	10.5393	10.6	48.4102	97

	MS Qc Limits:	
EPA600:	SW846	CLP
MS: 70-130	MS TCLP: >50% MS soll/aqueous:75-125	MS:75-125

#### Flags:

- U: Conc < Reporting Limit
- a: Recovery Failed Specified Limit
- b: Recovery Failed Specified Limit but Non Spike concentration > 4\* spike amount

Note: All Elements analyzed by ICP(P) or ICP-MS except Morcury(CV)

Date Analyzed: 12/10/09

Data File: H10826S Prep Batch: 10826

Analytical Method: 6010B(ICP)/7470A,7471A(Hg)

Instrument: HGCV2

Units: All units in ppm except Hg and icp-ms in ppb

Project Number: 9120444

MATRIX SPIKE SOURCE: VHG LABS

Lab Name: Veritech

Lab Code:

Contract:

Nras No:

Sdg No: Case No:

Matrix: SOIL

Level: Low

200	Sr	ike An	nts	LCS	Non Spike Conc	marane e e e e e e e e e e e e e e e e e e	%REC		%REC		%REC		%REC		%REC
Analyte	qtoT~2M pA~EM lioe-2M	LCS Soil	LCS Aq	Rec Limits	AC48729- 001-14	AC48729 001-16-1X	OR Conc	AC48729- 001-17-1X	OR Conc	LCS-12-1X	OR Conc	LCS MR- 13-1X	OR Conc	LCSW-39- 1X	OR Conc
	10	17,72			0.5 U	10.98	110	11.08	111	18.78	18.8	18.97	19	10.55	106

#### MS Qc Limits:

EPA600:	SW846	CLP
MS: 70-130	MS TCLP: >50%	MS:75-125
T.	MS soil/aqueous:75-125	

#### Flags:

- U: Conc < Reporting Limit
- a: Recovery Failed Specified Limit
- b: Recovery Failed Specified Limit but Non Spike concentration > 4\* spike amount

Note: All Elements analyzed by ICP(P) or ICP-MS except Mercury(CV)

Date Analyzed: 12/11/09

Data File: S10826A Prep Batch: 10826

Analytical Method:6010B(ICP)/7470A,7471A(Hg)

Instrument: PEICP1

Units: All units in ppm except Hg and icp-ms in ppb

Project Number: 9120444

lags:

Lab Name: Veritech

Lab Code:

Contract:

Nras No:

Sdg No:

Case No:

	Qc Lim	ilts	Sample	Method Rep		LCS	LCSMR	<u></u>	Sample	Seriai DII	
Analyte	LCS/MR	SD	AC48729- 001-14	AC48729- 001-15	RPD	LCS-12	LCS MR- 13	RPD	AC48729- 001-14	AC48729- 001-21	%Diff
timony	<=20	<=10 <sub>1</sub>	0.02 U	0.02 1/		The state of the s	1		0.002602 U	0.01301 U	
senic	<=20	<=10	0.0376016	0.0381223	1.4		and the state of t		0.0376016	0.0367055	2.4
Parium	<=20	<=10	0.1 U	0.1 U					0.0591510	0.0602935	1.9
cyllium	<=20	<=10	0.006 U	0,006 U			THE RESIDENCE OF THE PERSON OF		0.0029638	0.0037785	27 S
dmium	<=20	<=10	0.006 U	0.006 U	***				U 0801000.0	0.00054 U	
Thromium	<=20	<=10	0.0577061	0.0579488	0.42				0.0577061	6.031025	46 S
balt	<=20	<=10	9.025 U	0.025 U					0.0005584 U	6.002792 U	
"иррег	<-20	<=10	0.95 U	0.05 U	***				0.0225383	0.016285 U	
.ead	<=20	<=10	0.050 U	0.050 U					0.0345678	0.01967	43 S
angarese	<=20	<=10	0.131600	0.144818	9.6		:		0.131600	0.1343235	2.1
ckel	<=20	<=10	0,95 U	0.05 U					0.0074487	0,00754 U	
Selenium	<=20	<=10	0.018 U	0.018 U	18 1171				0.0050634	0.02454 U	A1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
iver	<=2()	<=10	0.015 U	0.015 U					.0,0006975 U	0.0030375 U	W 44 W1
allium	<≈20	<=10	0.012 U	0.012 U					0.002752 U	0.01376 U	
Vanadium	<=20	<=10	0.120622	0,122340	1.4	İ		· remarks	0.120522	0.09907	185
inc	≪20	<=10	C.1 U	0.1 U	0.5-	7			0.0882506	0.0702765	205

Na::Method Rep outside of Qc Limits
4b :Method Rep out but concentrations < 5\* Reporting Limits
U: Conc < Reporting Limit (Method Rep) or < IDL (serial Dilution)
Lm:Lcs Rpd Out

Sa:Serial Dilution outside of qc limits
Sb: Serial dilution out but concentration < 10 \* IDL
E. Serial Dilution outside of qc limits CLP

Date Analyzed: 12/11/09

Lab Name: Veritech

Data File: S10826B Prep Batch: 10826

Lab Code: Contract

Analytical Method:6010B(ICP)/7470A,7471A(Hg)

Nras No:

Instrument: PEICPRAD1

Sdg No:

Units: All units in ppm except Hg and icp-ms in ppb

Case No:

Project Number: 9120444

	·					 				province access and subject to the state of	market scanners enterenant to the con-
provide a service and service a service and service an	Qc Lim	nits	Sample	Method Rep	AN AL SERVICE AND A SERVICE AN	LCS	LCS MR		Sample	Serial Di	
Analyte	LCS/MR	SD	AC48729- 001-13	AC48729- 001-14	RPD	LCS-11	LCS MR- 12	RPD	AC48729- 001-13	AC48729- 001-20	%Diff
entroune:	<20	<=10	14.1357	14.0112	0.88				[4.1357	14.C5075	0.6
deium	<=20	<=10	10 U	10 U	w.u.u				2.55728	1.704915	33 Sb
Tron	<-20	<=10	101.315	103.689	2.3				101.315	101.9435	0.62
unesum	<=20	<=10	5 U	5 U	***				1.53022	1.108425	28 Sb
. dassium	<=20	<=10	5 U	5 U	-				2.98624	3.684095	23 Sb
Sodium	<=20	<=10	2.5 U	2.5 U				:	0.788496	0.645215	18 Sb

lags:

Na::Method Rep outside of Qc Limits 4b :Method Replout but concentrations < 5\* Reporting Limits U: Conc < Reporting Limit (Method Rep) or < IDL (serial Dilution) Lm:Lcs Rpd Out

Sa:Serial Dilution outside of qc limits Sb: Serial dilution out but concentration < 10 \* IDL E: Serial Dilution outside of qc limits CLP

Date Analyzed: 12/10/09

Data File: H10826S

Prep Batch: 10826 Analytical Method; 6010B(ICP)/7470A,7471A(Hg)

Instrument: HGCV2

Units: All units in ppm except Hg and lep-ms in ppb

Project Number: 9120444

Lab Name: Veritech

Lab Codo:

Contract:

Nras No: Sdg No:

Case No:

	Qc Lim	iits	Sample	Method Rep	:	LCS	LCS MR		Sample	Serial DII	
Analyle	LCS/MR	SD	AC48729- 001-14	AC48729- 001-15	RPD	LCS-12	LCS MR- 13	RPD			%Diff
ercury	<=20	<=10	.5 U	. "s U		and a second second second second second second second second second second second second second second second				( ) ( ) ( ) ( ) ( ) ( ) ( ) ( ) ( ) ( )	

rlags:

Na::Method Rep outside of Qc Limits

Nb::Method Rep out but concentrations < 5\* Reporting Limits

U::Conc < Reporting Limit (Method Rep) or < IDL (serial Dilution)

Lm:Lcs Rpd Out

Sa:Serial Dilution outside of qc limits
Sb: Serial dilution out but concentration < 10 \* IDL

E: Serial Dilution outside of qc limits CLP

Date Analyzed: 01/04/10

Data File: SP10877A2

Prep Batch: 10877

Analytical Method: 6010B(ICP)/7470A,7471A(Hg)

Instrument: PEICP2

Units: All units in ppm except Hg and icp-ms in ppb

Project Number: 9120444

Lab Name: Veritech

Lab Code:

Contract:

Nras No:

Sdg No:

Case No.

ICV/CCV SOURCE: VHG LABS

		ICV V- 77653	e e e e e e e e e e e e e e e e e e e	CCV V- 77654-14		CCV V- 77654-24			and a the felt at a finance to the first page against the first page.	ari antidikkulu ulutit I III.ntidiko utanbukki Intidilik aritikulu	уу далишинд хаванындагы осты	destructive the state of a gradual annual to determine the
 Analyte	Amt	(2)-7	Rec		Req		Rec	Rec	Rec	Rec	Rec	Rec
Manganese	1/.5	0.998972	100	0.503807	101	0.500831	100				<u> </u>	

Notes:

a-indicates analyte failed the ICV limits for 6010B

b-indicates analyte failed the ICV limits for 200.7 or 200.8

c-indicates analyte failed the CCV limits for 200.7/200.8/245.1/6010B (Except Hg 7470A.7471A)

d-indicates analyte failed the CCV limits Hg 7470A/7471A

Qc Limits:

ICV - 200.7: 95-105

CCV- 200.7/200.8/6010B/245.1 ; 90-110 (Except Hg 7470A/ 7471A=80-120)

ICV -6010B/200.8 : 90-110

CLP ICP ICV/CCV: 90-110

CLP Hg ICV/CCV: 80-120

# FORM 3 (ICB/CCB/MB Summary)

Date Analyzed: 01/04/10

Data File: SP10877A2

Prep Batch: 10877

Reporting Limits Used: SPLP.6010B(ICP)/7470A,7471A(Hg)

Instrument: PEICP2

Units: All units in ppm except Hg and icp-ms in ppb

Project Number: 9120444

Lab Name: Veritech

Lab Code:

Contract:

Nras No:

Sdg No:

Case No:

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		ICB V-78696 <del>-</del> 8	CCB-15	CCB-25	MB 10877 (1)- 11	EF-V-79055-21	
, .Î	Analyte //anganese	.2 V	.2 U	.2 U	,2U	.2 U	

Notes: a-indicates absolute value of result found above the reporting limits in CCB/ICB or result found above reporting limit in the MB u-indicates result below reporting limit

# FORM 4 (ICSA/ICSAB Summary)

Date Analyzed: 01/04/10

Data File: SP10877A2

Prep Batch: 10877

Reporting Limits Used: SPLP,6010B(ICP)/7470A,7471A(Hg)

Instrument: PEICP2

Units: ppm

Project Number: 9120444

Lab Name: Veritech

Lab Code:

Contract: Nras No:

Sdg No:

Case No:

(CSA/ICSAB: SOURCE: VHG LABS

٠.	J													:
1	1	Spk	ICSA V- 78281-9		ICSAB V- 78282-10		ICSA V- 78281-22		ICSAB V- 78282-23					:
	lnalyte	Amt		Rec		Rec		Rec		Rec	Rec	R€	oc Rec	Rec
4,	. Juminum	500	513.959	103	509.67200	102	510.8	102	505.06300	101	STREET, STREET			
-	Calcium	500	481.616	96	475.63600	95	477.3	95	474.87000	95				
1.	/on	200	197.122	99	193.95400	97	194.513	97	193.61300	97			į	
1.	/lagnesium	500	516.679	103	515.80600	103	511.089	102	509.12100	102		-		
1	Manganese	.5	U		0.50262	101	υ		0.49959	100		, Jun - 1994		

Notes: a-indicates absolute value of the concentration > 2 \* Reporting Limits In the ICSA

b-indicates absolute value of the concentration above Reporting Limits but < 2 \* Reporting Limits in the ICSA

c-indicates the recovery failed the Qc Criteria in the ICSAB

u-indicates the absolute value of the concentration was below the reporting limit

Date Analyzed: 01/04/10

Data File: SP10877A2

Prep Batch: 10877

Analytical Method:6010B(ICP)/7470A,7471A(Hg)

Instrument: PEICP2

Units: All units in ppm except Hg and icp-ms in ppb

Project Number: 9120444

MATRIX SPIKE SOURCE: VHG LABS

Lab Name: Veritech

Lab Code:

Contract:

Nras No:

Sdg No:

Case No: Matrix: SPLP

Level: Low

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								and the second s	I			4
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Sp	ike An	ats	LCS	Non Spike	1				Ì			i
				Conc		%REC		%REC		%REC	%REC	%REC
MS-Tclp				AC48729~	AC48729-	OB		OR		OR	OR	OR
MS-Aq	LCS		Rec	007-16	007-18-1X		1.X	=	MR-13-1X	Conc	Conc	Conc
			Limits	Ì		WOIIC	to med to bleek pressure		ļ		a construction of the second o	The same of the sa
.500			75 - 125	0.2 U	0.491496	98	0.478154	,, 0		94	of experiments was assumed to the experiment of the experiments of the	
	MS-Tclp MS-Aq MS-soll	MS-Tolp MS-Aq MS-soll Soil	MS-Tclp MS-Aq MS-soil CS LCS MS-soil Aq	MS-Total LCS LCS Rec Limits	MS-Tolp LCS LCS Rec 007-16 MS-soil Soil Aq Limits	MS-Tolp MS-Aq LCS LCS Rec 007-16 007-18-1X Soll Soll Aq Limits 500 500 75-125 0.2 U 0.491496	Conc   %REC   AC48729-   AC48729-   O7-18-1X   Conc   MS-soll   Soll   Aq   Limits   Soll	MS-Tolp   LCS   LCS   Rec   MS-Soil   Soil   Aq   LCS   LCS   Rec   Limits   Soil	Conc   AC48729-   AC	Conc   MS-Total   LCS   LCS   Rec   MS-101   Soil   Aq   Limits   Conc   MS-Total   Conc   MS-Total   Conc   MS-Total   Conc   MS-Total   Conc   MS-Total   Conc	NS-Tolp   LCS   LCS   Rec   MR-13-1X   Conc   MR-13-1X   Conc   Soil	Conc   AC48729-   AC

#### MS Qc Limits:

EPA200:	SW846	CLP
MS: 70-130	MS TCLP: >50%	MS:75-125
:	MS soll/aqueous:75-125	Company of the Compan

### Flags:

U: Conc < Reporting Limit

a: Recovery Failed Specified Limit

b: Recovery Failed Specified Limit but Non Spike concentration > 4\* spike amount

Note: All Elements analyzed by ICP(P) or ICP-MS except Mercury(CV)

Date Analyzed: 01/04/10

Data File: SP10877A2

Prep Batch: 10877

Analytical Method: 6010B(ICP)/7470A,7471A(Hg)

Instrument: PEICP2

Units: All units in ppm except Hg and icp-ms in ppb

Project Number: 9120444

Lab Name: Veritech

Lab Code:

Contract:

Nras No:

Sdg No:

Case No:

	A SERVICE SERVICE OF MENT AND ADMINISTRATION OF A SERVICE	,		The state of the s											
:		Qc Limits		Sample Method Rep			LCS LCS MR			Sample	Serial Dil				
 :A	j nalyte	LCS/MR	SD	AC48729- 007-16	AC48729- 007-17	RPD	LCSW-12	LCSW MR-13	RPD	AC48729- 007-16	AC48729- . 007-20	%Diff	-		
	suganose	<=20	<=10	.2 U	,2 U					0.0174572	0.01685	3.5			
	La contraction	·			processing the supplement of the supplement				L		;				

rlags:

Na::Method Rep outside of Qc Limits
Nb :Method Rep out but concentrations < 5\* Reporting Limits

U: Conc < Reporting Limit (Method Rep) or < IDL (serial Dilution)

Lm:Lcs Rpd Out

Sa:Serial Dilution outside of qc limits

Sb: Serial dilution out but concentration < 10 \* IDL

E: Serial Dilution outside of qc limits CLP

Batch Number: SOLIDS-S-3320

Units: Percent

**Calibration Curve Information** 

rindales de consecuente de la consecuencia dela consecuencia de la consecuencia de la consecuencia de la consecuencia de la consecuencia de la consecuencia de la consecuencia de la consecuencia de la consecuencia de la consecuencia de la consecuencia de la consecuencia de la consecuencia de la con	CONTROL LANGUAGE AND AND AND AND AND AND AND AND AND AND	- GU SU	umanan	y rys	นแจ
			Rec	Rpd	Raw
In Tues	Oc Name	Enk Amt			

1.			Rec	Rpd	Raw			
Ос Туре	Qc Name	SpkAmt	Lim	Lim	Result	Recov	Rpd	Flags
Antibelia de la companya del companya del companya de la companya	entile-tally and the delication of a property of the	en en en la la participa de la	ent months for the factor	General Contract Contract (A)	Para transformation (provident resid	ed to killion of the state of the state of the	gegyvini godyje: de	acomo dingerano)
DUP	AC48722-005	NA	NA	5	88.70326	NA	0.14	3

PB 12-8-09

Sa	#	Tuna	MB Resu	t Mdi	Per Sol	Raw Result	Tare Wt	Tare Wet	Tare Dry		Prep Date	Prep Bv	Anai Date	Anal By
70000	AMERICAN CONTRACTOR	Туре	MB Resu	io anti-intervirante sonate. En 1817°31	UU V~~muttubaa	A CONTRACTOR AND A CONT	e Gr <del>ed</del> andoscumo (constr	ninemateros (marine)		ZZALJANGA PANGONIA POROS ("A POST TODA SALA, MA ANGONIA PA	SECONDO VICTORIO	_,	ON-COMPANIENCE COMP	
AC-	722-005	DUP	8	9		88,703	1.07	13.64	12.22				2/07/09	intern
AC4	8722-005	Sample	8	9		88.826	1.06	13.5	12.11				12/07/09	intern
AC4	18726-001	Sample	7	6		75.57	1.06	13.34	10.34				12/07/09	intern
AC	726-002	Sample	7	7		76.548	1.07	13.18	10.34				12/07/09	intern
ΑC	726-004	Sample		7		86,994	1.06	13.67	12.03				12/07/09	intern
AC-	nu726~005	Sample	7	3		72.742	1.06	13,13	9.84				12/07/09	intern
AC4	8726-007	Sample	8	3		82.796	1.06	13,15	11.07				12/07/09	intern
AC4	8726-008	Sample	7	1		71,148	1,07	13.27	9.75				12/07/09	intern
AC	726-010	Sample	9	2		91.707	1.06	13.48	12.45				12/07/09	intern
ΑC	726-011	Sample		4		73,517	1.06	13.37	10.11				12/07/09	intern
AC4	8726-016	Sample	6	8		67.831	1.07	13.38	9.42				12/07/99	intern
AC4	8726-017	Sample	7	3		13,201	1.06	13.15	9.91				12/07/69	intern
AC4	8,726-018	Sample	7	8		78,209	1.06	13.68	10.93				12/07/99	
A.C.	726-019	Sample	7	3		72,506	1.06	13.39	10				12:07/09	intern
ΔC	726-020	Sample		1		71.36	1.05	13,48	9.97				12/07/99	mtern
AC4	8727-001	Sample	8	5		84.601	1.06	[2.]	10.4				12/07/09	
AC4	8727-002	Sample	Я	h		85.77	1.07	13.79	11.98				12/07/09	intern
AC4	₩729-001	Sample	9	3		92.657	1.07	13.19	12.3				12/07/09	intern
ΑC	729-002	Sample	8	5		84.846	1.02	13.41	11.54				12/07/09	intern
AC	729-003	Sample	9	2		91.619	1.05	13.22	12.2				12/07/09	intern

Batch Number: SOLIDS-S-3321

Units: Percent

Calibration Curve Information

e-Chinabaha (1964)		Qc Su	ımmaı	rv Res	ults	iztikanovene
			Rec	Rpd	Raw	
дс Туре	Qc Name	SpkAmt	Lim	im	Result	Re

Qc Туре	Qc Name	SpkAmt	Rec Lim	Rpd Lim	Raw Result	Recov	Rpd	Flags
DUP	AC48729-C04	NA	NA	5	87.47899	NA	0.091	WAST PROPERTY.
4								- 3

PB -09

					14,8008	n, was distributed to the state of the state	Constitution (Constitution Constitution  SANTEN SERVICE SERVICES SERVICES		D35666666655555555555555555555555555555	LOCATE AND CO.	er er installität avan	White mirror property of	remotolice instruments)	
- 4				Per	Raw	Tare Wt	Tare	Tare			Prep	Prep	Anal	Anal
Sa #	Type	MB Resul	t Mdl	Sol	Result	t	Wet	Dry			Date	Ву	Date	Ву
AC. J 729-004	DUP	S commencer and the second sec	immerierationiculuses ?	- SALES PROPERTY OF THE PARTY O	87.479	1.06	12.96	11.47	er - com extensión - com estado estado estado estado estado estado estado estado en entre estado en entre esta	hillin (milwa dinenkum — 147 mjenji)	THE THE WAR WAS A COLUMN	Entransment (Sec.		never contra i Calebra Calebra de la compre
AC48729-004	Sample	8			£7,399	1.07	13.45	11.89					12/08/09	
AC48729-005	Sample	9:			93.896	1.05	13.45	12.28					12/08/09	
AC /29-006	Sample	3:	-		85.76	1.05	13.63	11.84					12/08/09	
AC (29-007	Sample	9			91.833	1.06	13.55	12.53					12/08/09	
AC/29-008	Sample	Province reconstruction of the contract of the	5		95,161	1.07	13.47	12.87			···		12/08/09	
AC43729-009	Sample	9			93.095	1.06	13.47	12.25					12/08/09	
AC48729-010	Sample	9			91.721	1.06	13.38	12.36					12/08/09	
AC /29-011	Sample	9			94,996	1.05	13.64	13.01						mtern
AC /29-012	Sample	9			93.331	1.07	13.61	12.78					12/08/09	
AC++0/29-013	Sample	91			91,583	1.06	13.06	12.05					12/08/69	
AC48729-014	Sample	94			93.891	1.06	13.00	12.28					12/08/09	
AC48729-015	Sample	9:			94.516	1.05	13.45	12.77					12/08/09	
AC /29-016	Sample	65			68.269	1.06	13.54	9.58					12/08/69	
AC 230-001	Sample	91			91.111	1.06	13.21	12.13					12/08/09	
AC4#730-002	Sample	>8			85.045	1.05	13.16	11.47					12/08/09	
AC48730-003	Sample	74			74.321	1.05	13.10	10.08						intern
4.028730-004	Sample	81			80.991	1.05	13.2						12/08/09	
AC 130-005	Sample	85			34.9	1.05	13.5	11.03 11.62					12/08/09	
AC 30-006	Sample	81			80 569	1.05	13.36	10.97					12/08/09	
4C46/30-007	Samule	90			95,922	1.06	13.32	12.82	V-7-8-111		a a communication control of the party of the			intern
		/			10.746	1.00	13.32	14.04					12/08/09	mtem

# LEACHATE PREPARATION LOG (TCLP, SPLP)

TCLP Ext Fluid #1 (criteria:4 93 + 0 5)

	- Patrick Company of the Company of
	Annual Annual Annual Annual Annual Annual Annual Annual Annual Annual Annual Annual Annual Annual Annual Annua
12h	58981-1-15
8,35 1,89 5,05	49103-005
7,20 1,72 5,05	19103-007
872 81 5	100 40 BH
9,20 1.83 501 4.99	200-80F2H
6.81 1.86 4.95 5.18	49103-001
	550BL-1-270SS
H-1/ S1-8	49002-003
4.26 5.3	18729 - OOT
HCL wext pH (units)	Sample #
Amount a contract of the contr	
的の Ending Date: 凡 別 好	Starting Date: 12 30107
18 Ext. H Fluid 18 1904 79055 79055 79055	PH in pH in (units) (u

\*The pH of the extraction fluid must be checked prior to use and must be within limits specified above.

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