STATE OF NEW JERSEY
SCHOOLS DEVELOPMENT AUTHORITY
1 WEST STATE STREET
P.O. BOX 991
TRENTON, NJ 08625-0991
609-943-5955

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 kbanegas@njsda.gov. 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,

October 16, 2013. 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 **October 1, 2013** (additions in **bold and underlined** text; deletions in ~~*strikethrough and italics*~~).

> 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 ~~*September 24, 2013*~~ **October 1, 2013.** 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 italics*~~).

> 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.

b. **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 italics*~~):

1.4 ALLOWANCES

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

	AMOUNT
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

1. 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 italics*~~):

1.4.6 If, upon completion of the Project, unused Allowance fund balances remain in Allowance categories, the **Authority may, in its sole discretion, either unilaterally deobligate the funds, or may require the** Design-Builder ~~*shall*~~ **to** 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*~~		~~●~~	
Emergency Responder Radio Coverage	●		

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.

2. **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). **Additonally, 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

NJSDA Director — Date 9/19/13

STATE OF NEW JERSEY
SCHOOLS DEVELOPMENT AUTHORITY
1 WEST STATE STREET
P.O. BOX 991
TRENTON, NJ 08625-0991
609-943-5955

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. Acknowledgement of the Addendum must be made in Section E.6 of the Price Proposal Submission.

Signature	Print Name
Company Name	Date

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
County: Monmouth

THIS PACKAGE IS COMPRISED OF THE 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 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 this procurement:

First Step: A Bidder must first submit the "Project Rating Proposal." The NJSDA will determine a Bidder's Project Rating Limit based on this proposal.

Second Step: Along with a Technical Proposal prepared in accordance with the Request for Proposals, a Bidder must submit the "Price Proposal" which contains the price the Bidder intends to bid for the work as well as other required information.

Important Notes:

1) A Bidder may not submit a Price Proposal that, excluding amounts for design services and excluding the GMP Reserve, exceeds its Project Rating Limit for a project.
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 CONSTRUCTION WORK:

_____	_____	
Firm	Address	
_____	_____	_____
SBE Status	DOL Contractor Registration #	Federal I.D. #

DESIGN-BUILDER's DESIGN CONSULTANT:

_____	_____	
Firm	Address	
_____	_____	_____
SBE Status	NJ Professional License #	Federal I.D. #

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 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 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 self-perform, 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

SBE Status | DOL Contractor Registration # | Federal I.D. #

ELECTRICAL BRANCH WORK: The bidder must identify a subcontractor that is DPMC classified in the trade of Electrical (C047), unless the bidder intends to self-perform for this trade. If the bidder intends to self-perform, the bidder must identify itself as self-performing in the trade of Electrical (C047). If the bidder will contract with any additional subcontractors with DPMC Trade Classifications in the Electrical 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 Electrical Branch Subcontractor(s): Note DPMC Classification: _____

Firm | Address

SBE Status | DOL Contractor Registration # | Federal I.D. #

Additional Electrical Branch Subcontractor(s): Note DPMC Classification: _____

Firm | Address

SBE Status | DOL Contractor Registration # | Federal I.D. #

STRUCTURAL STEEL AND MISCELLANEOUS IRON WORK BRANCH: The bidder must identify a subcontractor that is DPMC classified in the trade of Structural Steel (C029), unless the bidder intends to self-perform for this trade. If the bidder intends to self-perform, the bidder must identify itself as self-performing in the trade of Structural Steel (C029). If the bidder will contract with any additional subcontractors with DPMC Trade Classifications in the Structural Steel 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 Structural Steel Branch Subcontractor(s): Note DPMC Classification: _____

Firm | Address

SBE Status	DOL Contractor Registration #	Federal I.D. #

Additional Structural Steel Branch Subcontractor(s): Note DPMC Classification: _____

Firm	Address

SBE Status	DOL Contractor Registration #	Federal I.D. #

OTHER TRADE CLASSIFICATIONS NAMED IN BID ADVERTISEMENT
(Name Trade Classification): _____

Firm	Address

SBE Status	DOL Contractor Registration #	Federal I.D. #

OTHER TRADE CLASSIFICATIONS NAMED IN BID ADVERTISEMENT
(Name Trade Classification): _____

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) (In Words)

$ _____
(In 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: _____ _____ _____ _____ _____

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.nj.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.

IN WITNESS WHEREOF, the Bidder has caused this instrument to be signed, attested to and sealed.

Bidder: _____
(Legal Firm Name)

By: _____ _____
(Signature) (Printed or Typed Name)

Title: _____

Address: _____

_____

Telephone No.:_____

Fax No.: _____

Date: _____

Affix Corporate Seal

Witness: _____

Printed or Typed Name: _____

Date: _____

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
Trenton, NJ 08625-0991

Prepared By:
Hatch Mott MacDonald
27 Bleeker Street
Milburn, NJ 07041

March 17, 2010

Project # 2400-e01-02-0116
Contract Task Order # GP-0084-L04-TO-8.8

Hatch Mott MacDonald

Table of Contents

Tables

Figures

Appendix A

Appendix B

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.

Hatch Mott MacDonald

Tables

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

Field Sample ID	Soil Sample ID	Lab Sample ID	Date	Medium	Sample Depth (ft)	Sampling Method	Analytical Parameters	Analytical Method	Sample Results
SS-01	SS-01A	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
SS-01	SS-01B	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
SS-02	SS-02A	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
SS-02	SS-02B	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
SS-03	SS-03A	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
SS-03	SS-03B	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
SS-04	SS-04A	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
SS-04	SS-04B	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
SS-05	SS-05A	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
SS-05	SS-0%B	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
SS-06	SS-06A	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
SS-06	SS-06B	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
SS-07	SS-07A	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
SS-07	SS-07B	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
SS-08	SS-08A	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
SS-08	SS-08B	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
FB	FB	AC48729-017	12/4/2009	blank (aq)	NA	s.s.trowel	PAHs, PCBs, Metals	EPA 8270, 8082, 6010, 7471A	January 2009 SIR - Tables 2-4

aq	Aqueous
PAH	Polycyclic Aromatic Hydrocarbons
PCB	Polychlorinated Biphenyls
S.S.	Stainless Steel

TABLE 2
SOIL ANALYTICAL RESULTS
POLYCYCLIC AROMATIC HYDROCARBONS (PAHs)
Joseph C. Caruso Elementary School
Borough of Keansburg, New Jersey

CLIENT ID:	NJ Residential Direct Contact Soil Remediation Standards (mg/Kg)	NJ Non-Residential Direct Contact Soil Remediation Standards (mg/Kg)	NJ Impact to Ground Water Soil Remediation Standards (mg/Kg)	SS-01A			SS-01B			SS-02A			SS-02B		
LAB ID:				AC48729-001			AC48729-002			AC48729-003			AC48729-004		
COLLECTION DATE:				12/4/2009			12/4/2009			12/4/2009			12/4/2009		
SAMPLE DEPTH:				0.5-1.0			3.5-4.0			0.5-1.0			3.5-4.0		
SAMPLE MATRIX & UNITS:				Soil - mg/Kg			Soil - mg/Kg			Soil - mg/Kg			Soil - mg/Kg		
				Result	Flg	RL	Result	Flg	RL	Result	Flg	RL	Result	Flg	RL
Polycyclic Aromatic Hydrocarbons (PAHs)															
Acenaphthene	**3,400**	**37,000**	**74**	ND		0.072	ND		0.078	ND		0.072	ND		0.077
Acenaphthylene	**NA**	**300,000**	**NA**	ND		0.072	ND		0.078	ND		0.072	ND		0.077
Anthracene	**17,000**	**30,000**	**1,500**	ND		0.072	ND		0.078	ND		0.072	ND		0.077
Benzo[a]anthracene	**0.6**	**2**	**0.5**	ND		0.072	ND		0.078	ND		0.072	ND		0.077
Benzo[a]pyrene	**0.2**	**0.2**	**0.2**	0.075		0.072	ND		0.078	ND		0.072	ND		0.077
Benzo[b]fluoranthene	**0.6**	**2**	**2**	0.11		0.072	ND		0.078	ND		0.072	ND		0.077
Benzo[g,h,i]perylene	**380,000**	**30,000**	**NA**	ND		0.072	ND		0.078	ND		0.072	ND		0.077
Benzo[k]fluoranthene	**6**	**23**	**16**	ND		0.072	ND		0.078	ND		0.072	ND		0.077
Chrysene	**62**	**230**	**52**	0.076		0.072	ND		0.078	ND		0.072	ND		0.077
Dibenzo[a,h]anthracene	**0.2**	**0.2**	**0.5**	ND		0.072	ND		0.078	ND		0.072	ND		0.077
Fluoranthene	**2,300**	**24,000**	**840**	0.15		0.072	ND		0.078	ND		0.072	ND		0.077
Fluorene	**2,300**	**24,000**	**110**	ND		0.072	ND		0.078	ND		0.072	ND		0.077
Indeno[1,2,3-cd]pyrene	**0.6**	**2**	**5**	ND		0.072	ND		0.078	ND		0.072	ND		0.077
Naphthalene	**6**	**17**	**16**	ND		0.072	ND		0.078	ND		0.072	ND		0.077
Phenanthrene	**NA**	**300,000**	**NA**	0.093		0.072	ND		0.078	ND		0.072	ND		0.077
Pyrene	**1,700**	**18,000**	**550**	0.13		0.072	ND		0.078	ND		0.072	ND		0.077

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

TABLE 2
SOIL ANALYTICAL RESULTS
POLYCYCLIC AROMATIC HYDROCARBONS (PAHs)
Joseph C. Caruso Elementary School
Borough of Keansburg, New Jersey

CLIENT ID:	NJ Residential Direct Contact Soil Remediation Standards (mg/Kg)	NJ Non-Residential Direct Contact Soil Remediation Standards (mg/Kg)	NJ Impact to Ground Water Soil Remediation Standards (mg/Kg)	SS-03A			SS-03B			SS-04A			SS-04B		
LAB ID:				AC48729-005			AC48729-006			AC48729-007			AC48729-008		
COLLECTION DATE:				12/4/2009			12/4/2009			12/4/2009			12/4/2009		
SAMPLE DEPTH:				0.5-1.0			3.5-4.0			0.5-1.0			3.5-4.0		
SAMPLE MATRIX & UNITS:				Soil - mg/Kg			Soil - mg/Kg			Soil - mg/Kg			Soil - mg/Kg		
				Result	Flg	RL	Result	Flg	RL	Result	Flg	RL	Result	Flg	RL
Polycyclic Aromatic Hydrocarbons (PAHs)															
Acenaphthene	**3,400**	**37,000**	**74**	ND		0.071	ND		0.078	ND		0.072	ND		0.070
Acenaphthylene	**NA**	**300,000**	**NA**	ND		0.071	ND		0.078	ND		0.072	ND		0.070
Anthracene	**17,000**	**30,000**	**1,500**	ND		0.071	ND		0.078	ND		0.072	ND		0.070
Benzo[a]anthracene	**0.6**	**2**	**0.5**	ND		0.071	ND		0.078	0.15		0.072	ND		0.070
Benzo[a]pyrene	**0.2**	**0.2**	**0.2**	ND		0.071	ND		0.078	0.13		0.072	ND		0.070
Benzo[b]fluoranthene	**0.6**	**2**	**2**	ND		0.071	ND		0.078	0.18		0.072	ND		0.070
Benzo[g,h,i]perylene	**380,000**	**30,000**	**NA**	ND		0.071	ND		0.078	0.087		0.072	ND		0.070
Benzo[k]fluoranthene	**6**	**23**	**16**	ND		0.071	ND		0.078	ND		0.072	ND		0.070
Chrysene	**62**	**230**	**52**	ND		0.071	ND		0.078	0.15		0.072	ND		0.070
Dibenzo[a,h]anthracene	**0.2**	**0.2**	**0.5**	ND		0.071	ND		0.078	ND		0.072	ND		0.070
Fluoranthene	**2,300**	**24,000**	**840**	ND		0.071	ND		0.078	0.26		0.072	ND		0.070
Fluorene	**2,300**	**24,000**	**110**	ND		0.071	ND		0.078	ND		0.072	ND		0.070
Indeno[1,2,3-cd]pyrene	**0.6**	**2**	**5**	ND		0.071	ND		0.078	0.078		0.072	ND		0.070
Naphthalene	**6**	**17**	**16**	ND		0.071	ND		0.078	ND		0.072	ND		0.070
Phenanthrene	**NA**	**300,000**	**NA**	ND		0.071	ND		0.078	ND		0.072	ND		0.070
Pyrene	**1,700**	**18,000**	**550**	ND		0.071	ND		0.078	0.24		0.072	ND		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

TABLE 2
SOIL ANALYTICAL RESULTS
POLYCYCLIC AROMATIC HYDROCARBONS (PAHs)
Joseph C. Caruso Elementary School
Borough of Keansburg, New Jersey

CLIENT ID:	NJ Residential Direct Contact Soil Remediation Standards (mg/Kg)	NJ Non-Residential Direct Contact Soil Remediation Standards (mg/Kg)	NJ Impact to Ground Water Soil Remediation Standards (mg/Kg)	SS-05A			SS-05B			SS-06A			SS-06B		
LAB ID:				AC48729-009			AC48729-010			AC48729-011			AC48729-012		
COLLECTION DATE:				12/4/2009			12/4/2009			12/4/2009			12/4/2009		
SAMPLE DEPTH:				0.5-1.0			3.5-4.0			0.5-1.0			3.5-4.0		
SAMPLE MATRIX & UNITS:				Soil - mg/Kg			Soil - mg/Kg			Soil - mg/Kg			Soil - mg/Kg		
				Result	Flg	RL	Result	Flg	RL	Result	Flg	RL	Result	Flg	RL
Polycyclic Aromatic Hydrocarbons (PAHs)															
Acenaphthene	**3,400**	**37,000**	**74**	ND		0.072	ND		0.072	ND		0.070	ND		0.072
Acenaphthylene	**NA**	**300,000**	**NA**	ND		0.072	ND		0.072	ND		0.070	ND		0.072
Anthracene	**17,000**	**30,000**	**1,500**	ND		0.072	ND		0.072	ND		0.070	ND		0.072
Benzo[a]anthracene	**0.6**	**2**	**0.5**	ND		0.072	ND		0.072	ND		0.070	ND		0.072
Benzo[a]pyrene	**0.2**	**0.2**	**0.2**	ND		0.072	ND		0.072	ND		0.070	ND		0.072
Benzo[b]fluoranthene	**0.6**	**2**	**2**	ND		0.072	ND		0.072	ND		0.070	ND		0.072
Benzo[g,h,i]perylene	**380,000**	**30,000**	**NA**	ND		0.072	ND		0.072	ND		0.070	ND		0.072
Benzo[k]fluoranthene	**6**	**23**	**16**	ND		0.072	ND		0.072	ND		0.070	ND		0.072
Chrysene	**62**	**230**	**52**	ND		0.072	ND		0.072	ND		0.070	ND		0.072
Dibenzo[a,h]anthracene	**0.2**	**0.2**	**0.5**	ND		0.072	ND		0.072	ND		0.070	ND		0.072
Fluoranthene	**2,300**	**24,000**	**840**	ND		0.072	ND		0.072	ND		0.070	ND		0.072
Fluorene	**2,300**	**24,000**	**110**	ND		0.072	ND		0.072	ND		0.070	ND		0.072
Indeno[1,2,3-cd]pyrene	**0.6**	**2**	**5**	ND		0.072	ND		0.072	ND		0.070	ND		0.072
Naphthalene	**6**	**17**	**16**	ND		0.072	ND		0.072	ND		0.070	ND		0.072
Phenanthrene	**NA**	**300,000**	**NA**	ND		0.072	ND		0.072	ND		0.070	ND		0.072
Pyrene	**1,700**	**18,000**	**550**	ND		0.072	ND		0.072	ND		0.070	ND		0.072

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

TABLE 2
SOIL ANALYTICAL RESULTS
POLYCYCLIC AROMATIC HYDROCARBONS (PAHs)
Joseph C. Caruso Elementary School
Borough of Keansburg, New Jersey

CLIENT ID:	NJ Residential Direct Contact Soil Remediation Standards (mg/Kg)	NJ Non-Residential Direct Contact Soil Remediation Standards (mg/Kg)	NJ Impact to Ground Water Soil Remediation Standards (mg/Kg)	SS-07A			SS-07B			SS-08A			SS-08B			FB		
LAB ID:				AC48729-013			AC48729-014			AC48729-015			AC48729-016			AC48729-017		
COLLECTION DATE:				12/4/2009			12/4/2009			12/4/2009			12/4/2009			12/4/2009		
SAMPLE DEPTH:				1.0-1.5			3.5-4.0			0.5-1.0			3.5-4.0			NA		
SAMPLE MATRIX & UNITS:				Soil - mg/Kg			Soil - mg/Kg			Soil - mg/Kg			Soil - mg/Kg			Aqueous - µg/L		
				Result	Flg	RL	Result	Flg	RL	Result	Flg	RL	Result	Flg	RL	Result	Flg	RL
Polycyclic Aromatic Hydrocarbons (PAHs)																		
Acenaphthene	**3,400**	**37,000**	**74**	ND		0.072	ND		0.071	ND		0.070	ND		0.098	ND		2.1
Acenaphthylene	**NA**	**300,000**	**NA**	ND		0.072	ND		0.071	ND		0.070	ND		0.098	ND		2.1
Anthracene	**17,000**	**30,000**	**1,500**	ND		0.072	ND		0.071	ND		0.070	ND		0.098	ND		2.1
Benzo[a]anthracene	**0.6**	**2**	**0.5**	ND		0.072	ND		0.071	ND		0.070	ND		0.098	ND		2.1
Benzo[a]pyrene	**0.2**	**0.2**	**0.2**	ND		0.072	ND		0.071	ND		0.070	ND		0.098	ND		2.1
Benzo[b]fluoranthene	**0.6**	**2**	**2**	ND		0.072	ND		0.071	ND		0.070	ND		0.098	ND		2.1
Benzo[g,h,i]perylene	**380,000**	**30,000**	**NA**	ND		0.072	ND		0.071	ND		0.070	ND		0.098	ND		2.1
Benzo[k]fluoranthene	**6**	**23**	**16**	ND		0.072	ND		0.071	ND		0.070	ND		0.098	ND		2.1
Chrysene	**62**	**230**	**52**	ND		0.072	ND		0.071	ND		0.070	ND		0.098	ND		2.1
Dibenzo[a,h]anthracene	**0.2**	**0.2**	**0.5**	ND		0.072	ND		0.071	ND		0.070	ND		0.098	ND		2.1
Fluoranthene	**2,300**	**24,000**	**840**	ND		0.072	ND		0.071	ND		0.070	ND		0.098	ND		2.1
Fluorene	**2,300**	**24,000**	**110**	ND		0.072	ND		0.071	ND		0.070	ND		0.098	ND		2.1
Indeno[1,2,3-cd]pyrene	**0.6**	**2**	**5**	ND		0.072	ND		0.071	ND		0.070	ND		0.098	ND		2.1
Naphthalene	**6**	**17**	**16**	ND		0.072	ND		0.071	ND		0.070	ND		0.098	ND		2.1
Phenanthrene	**NA**	**300,000**	**NA**	ND		0.072	ND		0.071	ND		0.070	ND		0.098	ND		2.1
Pyrene	**1,700**	**18,000**	**550**	ND		0.072	ND		0.071	ND		0.070	ND		0.098	ND		2.1

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

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

CLIENT ID:	NJ Residential Direct Contact Soil Remediation Standards (mg/Kg)	NJ Non-Residential Direct Contact Soil Remediation Standards (mg/Kg)	NJ Impact to Ground Water Soil Remediation Standards (mg/Kg)	SS-01A			SS-01B			SS-02A			SS-02B			SS-03A		
LAB ID:				AC48729-001			AC48729-002			AC48729-003			AC48729-004			AC48729-005		
COLLECTION DATE:				12/4/2009			12/4/2009			12/4/2009			12/4/2009			12/4/2009		
SAMPLE DEPTH:				0.5-1.0			3.5-4.0			0.5-1.0			3.5-4.0			0.5-1.0		
SAMPLE MATRIX & UNITS:				Soil - mg/Kg			Soil - mg/Kg			Soil - mg/Kg			Soil - mg/Kg			Soil - mg/Kg		
				Result	Flg	RL	Result	Flg	RL	Result	Flg	RL	Result	Flg	RL	Result	Flg	RL
Polychlorinated Biphenyls (PCBs)																		
Aroclor (Total)	0.2	1	NA	ND		0.027	ND		0.029	ND		0.027	ND		0.029	ND		0.027
Aroclor-1016	0.2	1	0.2	ND		0.027	ND		0.029	ND		0.027	ND		0.029	ND		0.027
Aroclor-1221	0.2	1	0.2	ND		0.027	ND		0.029	ND		0.027	ND		0.029	ND		0.027
Aroclor-1232	0.2	1	0.2	ND		0.027	ND		0.029	ND		0.027	ND		0.029	ND		0.027
Aroclor-1242	0.2	1	0.2	ND		0.027	ND		0.029	ND		0.027	ND		0.029	ND		0.027
Aroclor-1248	0.2	1	0.2	ND		0.027	ND		0.029	ND		0.027	ND		0.029	ND		0.027
Aroclor-1254	0.2	1	0.2	ND		0.027	ND		0.029	ND		0.027	ND		0.029	ND		0.027
Aroclor-1260	0.2	1	0.2	ND		0.027	ND		0.029	ND		0.027	ND		0.029	ND		0.027
Aroclor-1262	NA	NA	NA	ND		0.027	ND		0.029	ND		0.027	ND		0.029	ND		0.027
Aroclor-1268	NA	NA	NA	ND		0.027	ND		0.029	ND		0.027	ND		0.029	ND		0.027

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

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

CLIENT ID:	NJ Residential Direct Contact Soil Remediation Standards (mg/Kg)	NJ Non-Residential Direct Contact Soil Remediation Standards (mg/Kg)	NJ Impact to Ground Water Soil Remediation Standards (mg/Kg)	SS-03B			SS-04A			SS-04B			SS-05A			SS-05B		
LAB ID:				AC48729-006			AC48729-007			AC48729-008			AC48729-009			AC48729-010		
COLLECTION DATE:				12/4/2009			12/4/2009			12/4/2009			12/4/2009			12/4/2009		
SAMPLE DEPTH:				3.5-4.0			0.5-1.0			3.5-4.0			0.5-1.0			3.5-4.0		
SAMPLE MATRIX & UNITS:				Soil - mg/Kg			Soil - mg/Kg			Soil - mg/Kg			Soil - mg/Kg			Soil - mg/Kg		
				Result	Flg	RL	Result	Flg	RL	Result	Flg	RL	Result	Flg	RL	Result	Flg	RL
Polychlorinated Biphenyls (PCBs)																		
Aroclor (Total)	0.2	1	NA	ND		0.029	ND		0.027	ND		0.026	ND		0.027	ND		0.027
Aroclor-1016	0.2	1	0.2	ND		0.029	ND		0.027	ND		0.026	ND		0.027	ND		0.027
Aroclor-1221	0.2	1	0.2	ND		0.029	ND		0.027	ND		0.026	ND		0.027	ND		0.027
Aroclor-1232	0.2	1	0.2	ND		0.029	ND		0.027	ND		0.026	ND		0.027	ND		0.027
Aroclor-1242	0.2	1	0.2	ND		0.029	ND		0.027	ND		0.026	ND		0.027	ND		0.027
Aroclor-1248	0.2	1	0.2	ND		0.029	ND		0.027	ND		0.026	ND		0.027	ND		0.027
Aroclor-1254	0.2	1	0.2	ND		0.029	ND		0.027	ND		0.026	ND		0.027	ND		0.027
Aroclor-1260	0.2	1	0.2	ND		0.029	ND		0.027	ND		0.026	ND		0.027	ND		0.027
Aroclor-1262	NA	NA	NA	ND		0.029	ND		0.027	ND		0.026	ND		0.027	ND		0.027
Aroclor-1268	NA	NA	NA	ND		0.029	ND		0.027	ND		0.026	ND		0.027	ND		0.027

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

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

CLIENT ID:	NJ Residential Direct Contact Soil Remediation Standards (mg/Kg)	NJ Non-Residential Direct Contact Soil Remediation Standards (mg/Kg)	NJ Impact to Ground Water Soil Remediation Standards (mg/Kg)	SS-06A			SS-06B			SS-07A			SS-07B			SS-08A		
LAB ID:				AC48729-011			AC48729-012			AC48729-013			AC48729-014			AC48729-015		
COLLECTION DATE:				12/4/2009			12/4/2009			12/4/2009			12/4/2009			12/4/2009		
SAMPLE DEPTH:				0.5-1.0			3.5-4.0			1.0-1.5			3.5-4.0			0.5-1.0		
SAMPLE MATRIX & UNITS:				Soil - mg/Kg			Soil - mg/Kg			Soil - mg/Kg			Soil - mg/Kg			Soil - mg/Kg		
				Result	Flg	RL	Result	Flg	RL	Result	Flg	RL	Result	Flg	RL	Result	Flg	RL
Polychlorinated Biphenyls (PCBs)																		
Aroclor (Total)	0.2	1	NA	ND		0.026	ND		0.027	ND		0.027	ND		0.027	ND		0.026
Aroclor-1016	0.2	1	0.2	ND		0.026	ND		0.027	ND		0.027	ND		0.027	ND		0.026
Aroclor-1221	0.2	1	0.2	ND		0.026	ND		0.027	ND		0.027	ND		0.027	ND		0.026
Aroclor-1232	0.2	1	0.2	ND		0.026	ND		0.027	ND		0.027	ND		0.027	ND		0.026
Aroclor-1242	0.2	1	0.2	ND		0.026	ND		0.027	ND		0.027	ND		0.027	ND		0.026
Aroclor-1248	0.2	1	0.2	ND		0.026	ND		0.027	ND		0.027	ND		0.027	ND		0.026
Aroclor-1254	0.2	1	0.2	ND		0.026	ND		0.027	ND		0.027	ND		0.027	ND		0.026
Aroclor-1260	0.2	1	0.2	ND		0.026	ND		0.027	ND		0.027	ND		0.027	ND		0.026
Aroclor-1262	NA	NA	NA	ND		0.026	ND		0.027	ND		0.027	ND		0.027	ND		0.026
Aroclor-1268	NA	NA	NA	ND		0.026	ND		0.027	ND		0.027	ND		0.027	ND		0.026

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

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

CLIENT ID:	NJ Residential Direct Contact Soil Remediation Standards (mg/Kg)	NJ Non-Residential Direct Contact Soil Remediation Standards (mg/Kg)	NJ Impact to Ground Water Soil Remediation Standards (mg/Kg)	SS-08B			FB		
LAB ID:				AC48729-016			AC48729-017		
COLLECTION DATE:				12/4/2009			12/4/2009		
SAMPLE DEPTH:				3.5-4.0			NA		
SAMPLE MATRIX & UNITS:				Soil - mg/Kg			Aqueous - µg/L		
				Result	Flg	RL	Result	Flg	RL
Polychlorinated Biphenyls (PCBs)									
Aroclor (Total)	0.2	1	NA	ND		0.037	ND		0.26
Aroclor-1016	0.2	1	0.2	ND		0.037	ND		0.26
Aroclor-1221	0.2	1	0.2	ND		0.037	ND		0.26
Aroclor-1232	0.2	1	0.2	ND		0.037	ND		0.26
Aroclor-1242	0.2	1	0.2	ND		0.037	ND		0.26
Aroclor-1248	0.2	1	0.2	ND		0.037	ND		0.26
Aroclor-1254	0.2	1	0.2	ND		0.037	ND		0.26
Aroclor-1260	0.2	1	0.2	ND		0.037	ND		0.26
Aroclor-1262	NA	NA	NA	ND		0.037	ND		0.26
Aroclor-1268	NA	NA	NA	ND		0.037	ND		0.26

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

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

CLIENT ID:	NJ Residential Direct Contact Soil Remediation Standards (mg/Kg)	NJ Non-Residential Direct Contact Soil Remediation Standards (mg/Kg)	NJ Impact to Ground Water Soil Remediation Standards (mg/Kg)	NJ Impact to Ground Water SPLP Soil Remediation Standards (ug/L)	SS-01A			SS-01B			SS-02A			SS-02B		
LAB ID:					AC48729-001			AC48729-002			AC48729-003			AC48729-004		
COLLECTION DATE:					12/4/2009			12/4/2009			12/4/2009			12/4/2009		
SAMPLE DEPTH:					0.5-1.0			3.5-4.0			0.5-1.0			3.5-4.0		
MPLE MATRIX & UNITS:					Soil - mg/Kg			Soil - mg/Kg			Soil - mg/Kg			Soil - mg/Kg		
					Result	Flg	RL	Result	Flg	RL	Result	Flg	RL	Result	Flg	RL
Metals																
Mercury	**23**	**65**	**0.1**	**26**	ND		0.090	ND		0.098	ND		0.091	ND		0.096
Aluminum	**78,000**	**NA**	**3,900**	**43**	1,500		220	1,100		240	1,300		220	3,300		230
Antimony	**31**	**450**	**6**	**78**	ND		2.2	ND		2.4	ND		2.2	ND		2.3
Arsenic	**19**	**19**	**19**	**3**	4.0		2.2	ND		2.4	3.6		2.2	2.9		2.3
Barium	**16,000**	**59,000**	**1,300**	**78,000**	ND		11	ND		12	ND		11	ND		11
Beryllium	**16**	**140**	**0.5**	**13**	ND		0.65	ND		0.71	ND		0.65	ND		0.69
Cadmium	**78**	**78**	**1**	**52**	ND		0.65	ND		0.71	ND		0.65	ND		0.69
Calcium	**NA**	**Na**	**NA**	**NA**	ND		1,100	ND		1,200	ND		1,100	ND		1,100
Chromium	**NA**	**NA**	**NA**	**NA**	6.2		5.4	ND		5.9	ND		5.4	7.1		5.7
Cobalt	**1,600**	**590**	**59**	**NA**	ND		2.7	ND		2.9	ND		2.7	ND		2.9
Copper	**3,100**	**45,000**	**7,300**	**16,900**	ND		5.4	ND		5.9	ND		5.4	ND		5.7
Iron	**NA**	**NA**	**NA**	**NA**	11,000		220	5,200		240	8,200		220	8,500		230
Lead	**400**	**800**	**59**	**65**	ND		5.4	ND		5.9	6.5		5.4	ND		5.7
Magnesium	**NA**	**NA**	**NA**	**NA**	ND		540	ND		590	ND		540	ND		570
Manganese	**11,000**	**5,900**	**42**	**650**	14		11	ND		12	14		11	ND		11
Nickel	**1,600**	**23,000**	**31**	**1,300**	ND		5.4	ND		5.9	ND		5.4	ND		5.7
Potassium	**NA**	**NA**	**NA**	**NA**	ND		540	ND		590	ND		540	ND		570
Selenium	**390**	**5,700**	**7**	**520**	ND		1.9	ND		2.1	ND		2.0	ND		2.1
Silver	**390**	**5,700**	**1**	**520**	ND		1.6	ND		1.8	ND		1.6	ND		1.7
Sodium	**NA**	**NA**	**NA**	**NA**	ND		270	ND		290	ND		270	ND		290
Thallium	**5**	**79**	**3**	**6**	ND		1.3	ND		1.4	ND		1.3	ND		1.4
Vanadium	**78**	**1,100**	**NA**	**NA**	13		11	ND		12	ND		11	12		11
Zinc	**23,000**	**110,000**	**600**	**26,000**	ND		11	ND		12	ND		11	ND		11

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

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

CLIENT ID:	NJ Residential Direct Contact Soil Remediation Standards (mg/Kg)	NJ Non-Residential Direct Contact Soil Remediation Standards (mg/Kg)	NJ Impact to Ground Water Soil Remediation Standards (mg/Kg)	NJ Impact to Ground Water SPLP Soil Remediation Standards (ug/L)	SS-03A			SS-03B			SS-04A			SS-04A		
LAB ID:					AC48729-005			AC48729-006			AC48729-007			AC48729-007		
COLLECTION DATE:					12/4/2009			12/4/2009			12/4/2009			12/4/2009		
SAMPLE DEPTH:					0.5-1.0			3.5-4.0			0.5-1.0			0.5-1.0		
MPLE MATRIX & UNITS:					Soil - mg/Kg			Soil - mg/Kg			Soil - mg/Kg			Soil - mg/L		
					Result	Flg	RL	Result	Flg	RL	Result	Flg	RL	Result	Flg	RL
Metals														SPLP ANALYSIS		
Mercury	23	65	0.1	26	ND		0.089	ND		0.097	ND		0.091	-		-
Aluminum	78,000	NA	3,900	43	2,800		210	3,500		230	2,900		220	-		-
Antimony	31	450	6	78	ND		2.1	ND		2.3	ND		2.2	-		-
Arsenic	19	19	19	3	5.9		2.1	4.3		2.3	6.4		2.2	-		-
Barium	16,000	59,000	1,300	78,000	ND		11	ND		12	15		11	-		-
Beryllium	16	140	0.5	13	ND		0.64	0.76		0.70	ND		0.65	-		-
Cadmium	78	78	1	52	ND		0.64	ND		0.70	ND		0.65	-		-
Calcium	NA	Na	NA	NA	ND		1,100	ND		1,200	3,700		1,100	-		-
Chromium	NA	NA	NA	NA	9.4		5.3	9.8		5.8	11		5.4	-		-
Cobalt	1,600	590	59	NA	ND		2.7	ND		2.9	ND		2.7	-		-
Copper	3,100	45,000	7,300	16,900	6.1		5.3	ND		5.8	6.7		5.4	-		-
Iron	NA	NA	NA	NA	13,000		210	44,000		230	14,000		220	-		-
Lead	400	800	59	65	47		5.3	ND		5.8	13		5.4	-		-
Magnesium	NA	NA	NA	NA	ND		530	ND		580	690		540	-		-
Manganese	11,000	5,900	42	650	33		11	ND		12	**62**		11	ND		0.20
Nickel	1,600	23,000	31	1,300	ND		5.3	ND		5.8	ND		5.4	-		-
Potassium	NA	NA	NA	NA	970		530	ND		580	770		540	-		-
Selenium	390	5,700	7	520	ND		1.9	ND		2.1	ND		2.0	-		-
Silver	390	5,700	1	520	ND		1.6	ND		1.7	ND		1.6	-		-
Sodium	NA	NA	NA	NA	ND		270	ND		290	ND		270	-		-
Thallium	5	79	3	6	ND		1.3	ND		1.4	ND		1.3	-		-
Vanadium	78	1,100	NA	NA	19		11	15		12	17		11	-		-
Zinc	23,000	110,000	600	26,000	14		11	ND		12	18		11	-		-

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

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

CLIENT ID:	NJ Residential Direct Contact Soil Remediation Standards (mg/Kg)	NJ Non-Residential Direct Contact Soil Remediation Standards (mg/Kg)	NJ Impact to Ground Water Soil Remediation Standards (mg/Kg)	NJ Impact to Ground Water SPLP Soil Remediation Standards (ug/L)	SS-04B			SS-05A			SS-05B			SS-06A		
LAB ID:					AC48729-008			AC48729-009			AC48729-010			AC48729-011		
COLLECTION DATE:					12/4/2009			12/4/2009			12/4/2009			12/4/2009		
SAMPLE DEPTH:					3.5-4.0			0.5-1.0			3.5-4.0			0.5-1.0		
MPLE MATRIX & UNITS:					Soil - mg/Kg			Soil - mg/Kg			Soil - mg/Kg			Soil - mg/Kg		
					Result	Flg	RL	Result	Flg	RL	Result	Flg	RL	Result	Flg	RL
Metals																
Mercury	23	65	0.1	26	ND		0.088	ND		0.090	ND		0.091	ND		0.088
Aluminum	78,000	NA	3,900	43	1,800		210	2,000		220	2,300		220	1,200		210
Antimony	31	450	6	78	ND		2.1	ND		2.2	ND		2.2	ND		2.1
Arsenic	19	19	19	3	5.8		2.1	5.2		2.2	7.7		2.2	3.0		2.1
Barium	16,000	59,000	1,300	78,000	ND		11	ND		11	ND		11	ND		11
Beryllium	16	140	0.5	13	ND		0.63	ND		0.65	ND		0.65	ND		0.63
Cadmium	78	78	1	52	ND		0.63	ND		0.65	ND		0.65	ND		0.63
Calcium	NA	Na	NA	NA	ND		1,100	ND		1,100	ND		1,100	ND		1,100
Chromium	NA	NA	NA	NA	8.1		5.3	8.3		5.4	12		5.4	ND		5.3
Cobalt	1,600	590	59	NA	ND		2.6	ND		2.7	ND		2.7	ND		2.6
Copper	3,100	45,000	7,300	16,900	ND		5.3	ND		5.4	ND		5.4	ND		5.3
Iron	NA	NA	NA	NA	14,000		210	12,000		220	22,000		220	6,200		210
Lead	400	800	59	65	ND		5.3	8.1		5.4	ND		5.4	9.2		5.3
Magnesium	NA	NA	NA	NA	ND		530	ND		540	ND		540	ND		530
Manganese	11,000	5,900	42	650	ND		11	27		11	14		11	22		11
Nickel	1,600	23,000	31	1,300	ND		5.3	ND		5.4	ND		5.4	ND		5.3
Potassium	NA	NA	NA	NA	730		530	540		540	ND		540	ND		530
Selenium	390	5,700	7	520	ND		1.9	ND		1.9	ND		2.0	ND		1.9
Silver	390	5,700	1	520	ND		1.6	ND		1.6	ND		1.6	ND		1.6
Sodium	NA	NA	NA	NA	ND		260	ND		270	ND		270	ND		260
Thallium	5	79	3	6	ND		1.3	ND		1.3	ND		1.3	ND		1.3
Vanadium	78	1,100	NA	NA	16		11	16		11	ND		11	ND		11
Zinc	23,000	110,000	600	26,000	ND		11	20		11	ND		11	ND		11

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

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

CLIENT ID:	NJ Residential Direct Contact Soil Remediation Standards (mg/Kg)	NJ Non-Residential Direct Contact Soil Remediation Standards (mg/Kg)	NJ Impact to Ground Water Soil Remediation Standards (mg/Kg)	NJ Impact to Ground Water SPLP Soil Remediation Standards (ug/L)	SS-06B			SS-07A			SS-07B			SS-08A		
LAB ID:					AC48729-012			AC48729-013			AC48729-014			AC48729-015		
COLLECTION DATE:					12/4/2009			12/4/2009			12/4/2009			12/4/2009		
SAMPLE DEPTH:					3.5-4.0			1.0-1.5			3.5-4.0			0.5-1.0		
MPLE MATRIX & UNITS:					Soil - mg/Kg			Soil - mg/Kg			Soil - mg/Kg			Soil - mg/Kg		
					Result	Flg	RL	Result	Flg	RL	Result	Flg	RL	Result	Flg	RL
Metals																
Mercury	23	65	0.1	26	ND		0.090	ND		0.091	ND		0.089	ND		0.088
Aluminum	78,000	NA	3,900	43	1,700		220	1,200		220	1,800		210	940		210
Antimony	31	450	6	78	ND		2.2	ND		2.2	ND		2.1	ND		2.1
Arsenic	19	19	19	3	ND		2.2	2.9		2.2	ND		2.1	3.0		2.1
Barium	16,000	59,000	1,300	78,000	ND		11	13		11	ND		11	ND		11
Beryllium	16	140	0.5	13	ND		0.65	ND		0.65	ND		0.64	ND		0.63
Cadmium	78	78	1	52	ND		0.65	ND		0.65	ND		0.64	ND		0.63
Calcium	NA	Na	NA	NA	ND		1,100	ND		1,100	ND		1,100	ND		1,100
Chromium	NA	NA	NA	NA	ND		5.4	16		5.4	ND		5.3	ND		5.3
Cobalt	1,600	590	59	NA	ND		2.7	ND		2.7	ND		2.7	ND		2.6
Copper	3,100	45,000	7,300	16,900	ND		5.4	14		5.4	ND		5.3	ND		5.3
Iron	NA	NA	NA	NA	7,700		220	6,000		220	6,200		210	6,000		210
Lead	400	800	59	65	ND		5.4	13		5.4	ND		5.3	5.6		5.3
Magnesium	NA	NA	NA	NA	ND		540	ND		540	ND		530	ND		530
Manganese	11,000	5,900	42	650	ND		11	25		11	ND		11	33		11
Nickel	1,600	23,000	31	1,300	ND		5.4	7.0		5.4	ND		5.3	ND		5.3
Potassium	NA	NA	NA	NA	ND		540	ND		540	ND		530	ND		530
Selenium	390	5,700	7	520	ND		1.9	ND		2.0	ND		1.9	ND		1.9
Silver	390	5,700	1	520	ND		1.6	ND		1.6	ND		1.6	ND		1.6
Sodium	NA	NA	NA	NA	ND		270	ND		270	ND		270	ND		260
Thallium	5	79	3	6	ND		1.3	ND		1.3	ND		1.3	ND		1.3
Vanadium	78	1,100	NA	NA	ND		11	ND		11	ND		11	ND		11
Zinc	23,000	110,000	600	26,000	ND		11	ND		11	ND		11	26		11

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

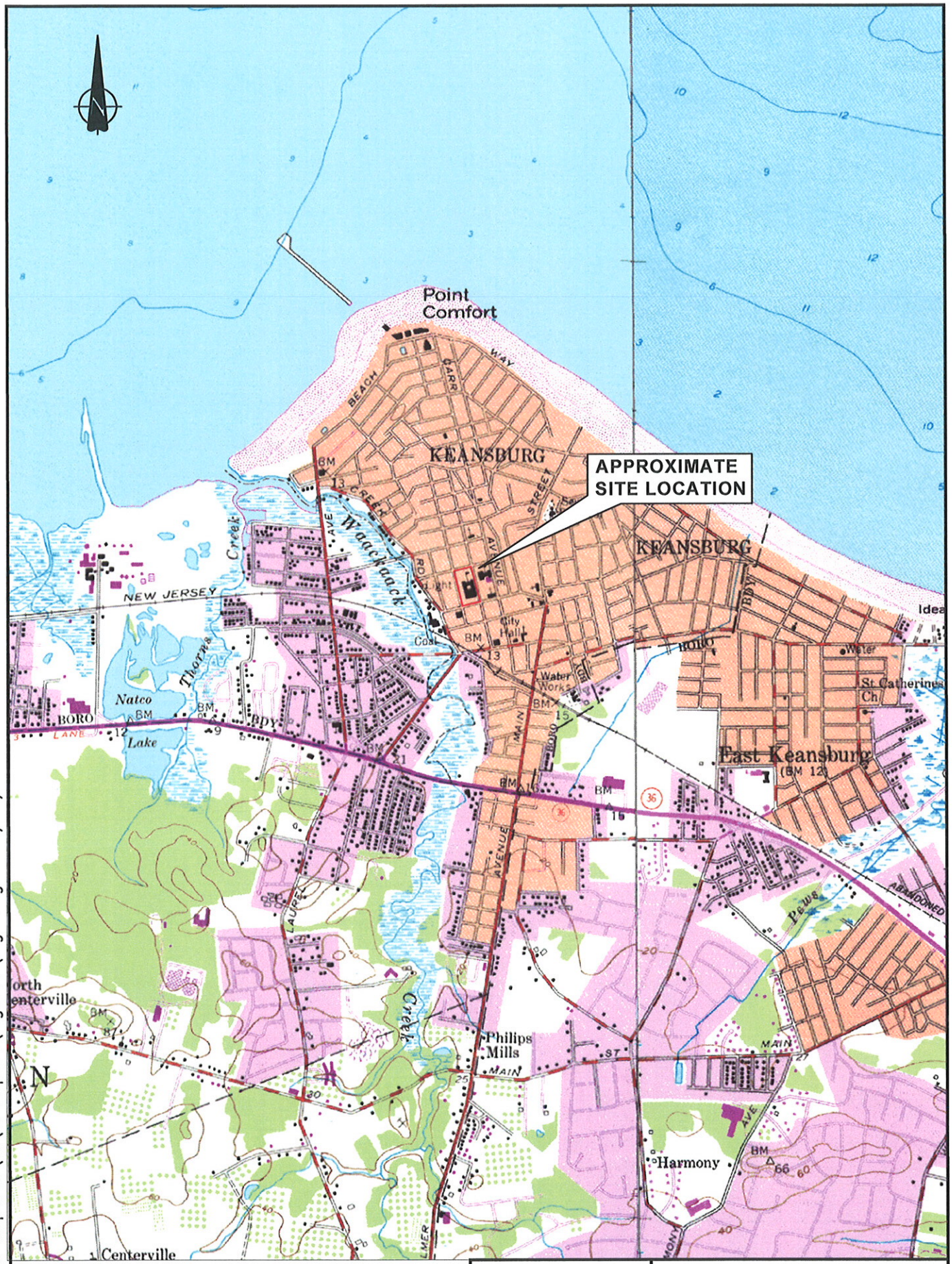
TABLE 4
SOIL ANALYTICAL RESULTS
METALS
Joseph C. Caruso Elementary School
Borough of Keansburg, New Jersey

CLIENT ID:	NJ Residential Direct Contact Soil Remediation Standards (mg/Kg)	NJ Non-Residential Direct Contact Soil Remediation Standards (mg/Kg)	NJ Impact to Ground Water Soil Remediation Standards (mg/Kg)	NJ Impact to Ground Water SPLP Soil Remediation Standards (ug/L)	SS-08B			FB		
LAB ID:					AC48729-016			AC48729-017		
COLLECTION DATE:					12/4/2009			12/4/2009		
SAMPLE DEPTH:					3.5-4.0			NA		
MPLE MATRIX & UNITS:					Soil - mg/Kg			Aqueous - µg/L		
					Result	Flg	RL	Result	Flg	RL
Metals										
Mercury	**23**	**65**	**0.1**	**26**	ND		0.12	ND		0.50
Aluminum	**78,000**	**NA**	**3,900**	**43**	2,800		290	ND		2,000
Antimony	**31**	**450**	**6**	**78**	ND		2.9	ND		20
Arsenic	**19**	**19**	**19**	**3**	4.2		2.9	ND		20
Barium	**16,000**	**59,000**	**1,300**	**78,000**	ND		15	ND		100
Beryllium	**16**	**140**	**0.5**	**13**	ND		0.88	ND		6.0
Cadmium	**78**	**78**	**1**	**52**	ND		0.88	ND		6.0
Calcium	**NA**	**Na**	**NA**	**NA**	ND		1,500	ND		10,000
Chromium	**NA**	**NA**	**NA**	**NA**	8.9		7.4	ND		50
Cobalt	**1,600**	**590**	**59**	**NA**	ND		3.7	ND		25
Copper	**3,100**	**45,000**	**7,300**	**16,900**	ND		7.4	ND		50
Iron	**NA**	**NA**	**NA**	**NA**	9,200		290	ND		2,000
Lead	**400**	**800**	**59**	**65**	ND		7.4	ND		50
Magnesium	**NA**	**NA**	**NA**	**NA**	ND		740	ND		5,000
Manganese	**11,000**	**5,900**	**42**	**650**	ND		15	ND		100
Nickel	**1,600**	**23,000**	**31**	**1,300**	ND		7.4	ND		50
Potassium	**NA**	**NA**	**NA**	**NA**	ND		740	ND		5,000
Selenium	**390**	**5,700**	**7**	**520**	ND		2.6	ND		18
Silver	**390**	**5,700**	**1**	**520**	ND		2.2	ND		15
Sodium	**NA**	**NA**	**NA**	**NA**	ND		370	ND		2,500
Thallium	**5**	**79**	**3**	**6**	ND		1.8	ND		12
Vanadium	**78**	**1,100**	**NA**	**NA**	ND		15	ND		100
Zinc	**23,000**	**110,000**	**600**	**26,000**	ND		15	ND		100

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

Hatch Mott MacDonald

Figures



SOURCE:
Keyport, New Jersey
1954, photorevised 1981
USGS Topographic Quadrangles
7.5 Minute Series

Sandy Hook, New Jersey
1954, photorevised 1981
USGS Topographic Quadrangles
7.5 Minute Series

Scale 1" = 2000'

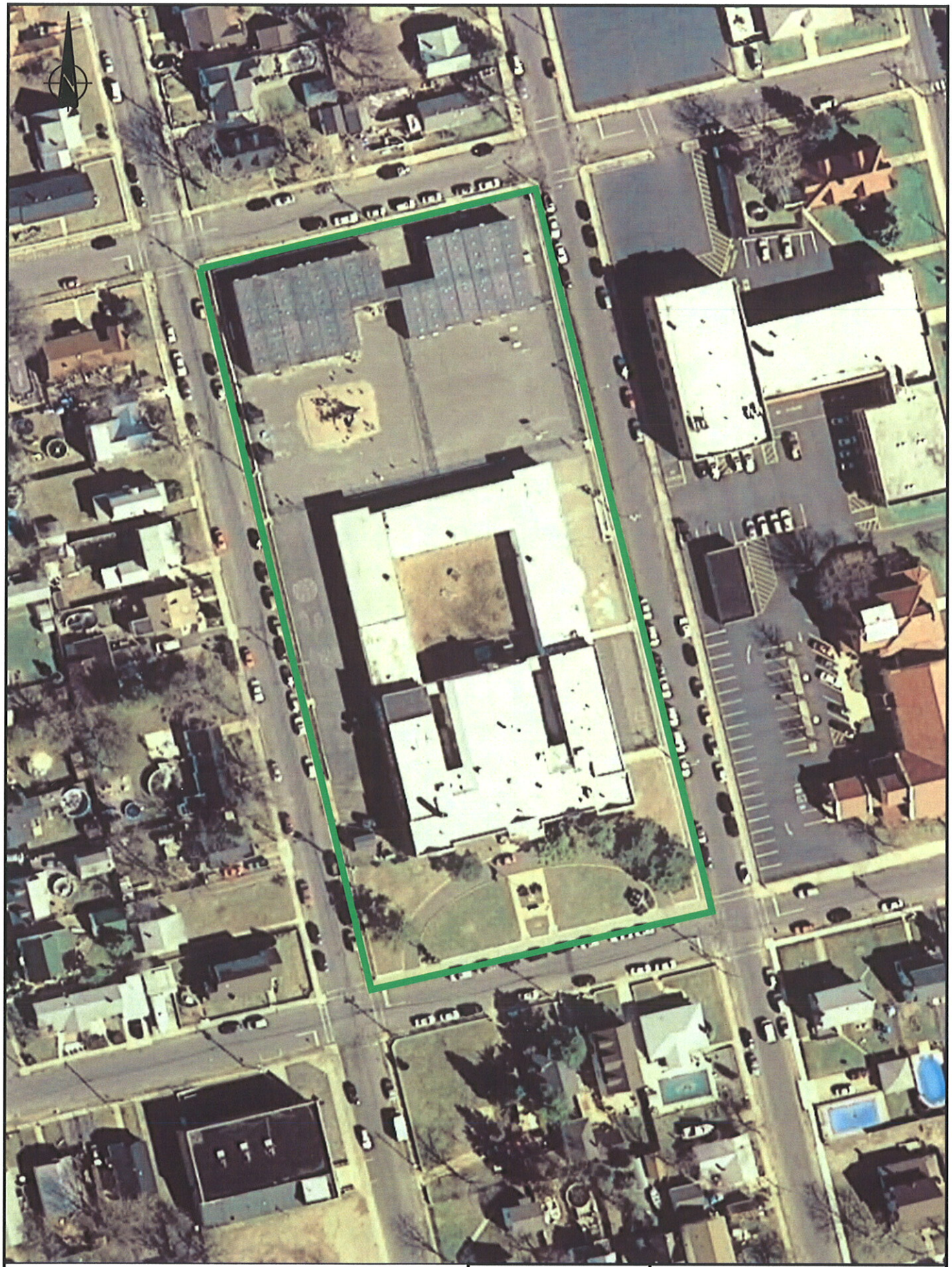
Hatch Mott MacDonald
Certificate No. 24GA28016600

27 Bleeker Street
Millburn, New Jersey 07041

NJSDA
JOSEPH C. CARUSO ELEMENTARY SCHOOL
81 FRANCES PLACE
FIGURE 1
SITE LOCATION MAP
BOROUGH OF KEANSBURG, NEW JERSEY

Designed	Drawn	Checked	Approved	Date
	DRAWN	CHECKED		

P:\269563\Vi-Reports\SI\SI Report\Figures\Fig1.dwg 12/21/09 11:27 am



SITE LIMITS

100 0 50 100 200

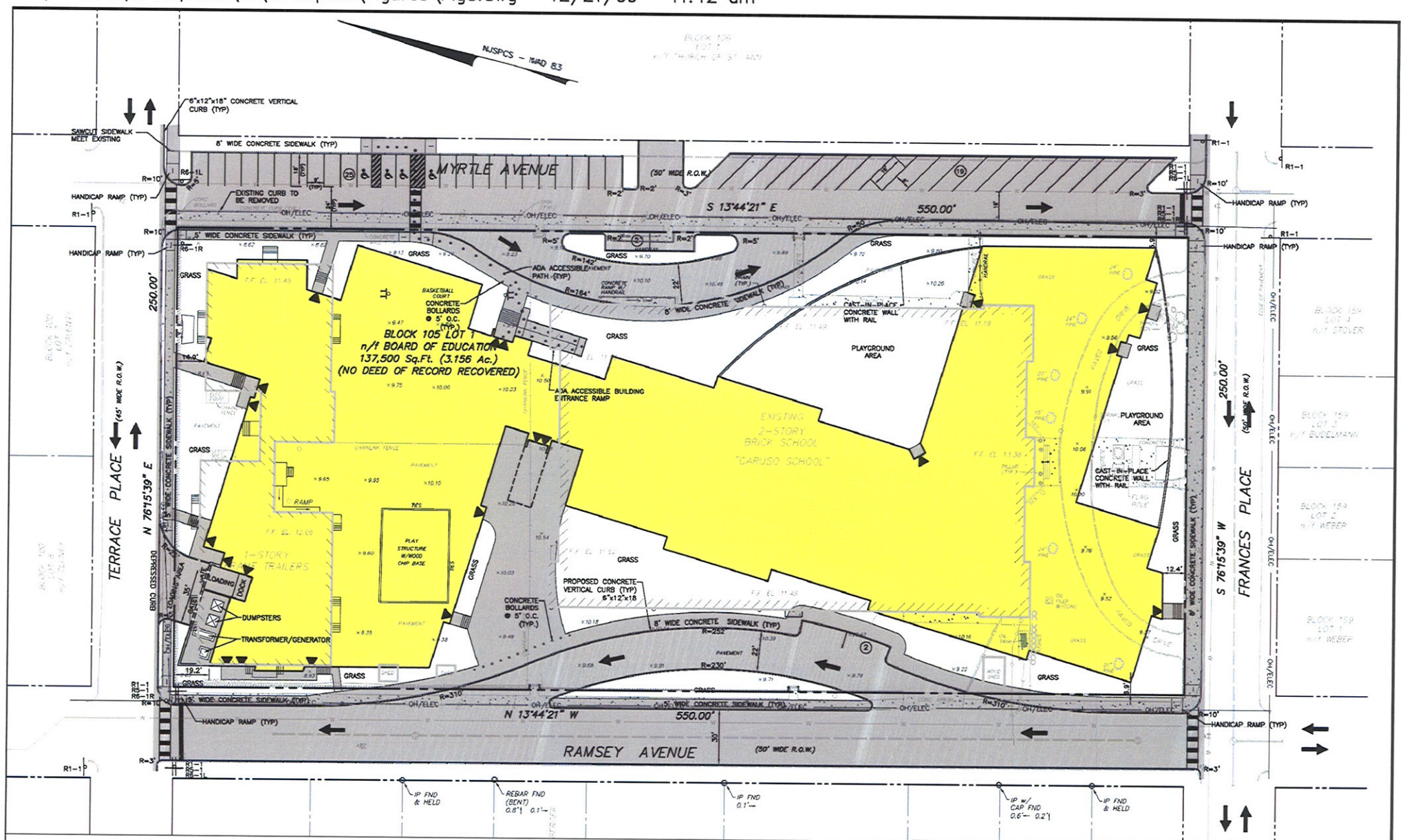
IMAGE SOURCE: NEW JERSEY ORTHOPHOTOGRAPH 2007

Hatch Mott MacDonald
Certificate No. 24GA28016600
27 Bleeker Street
Millburn, New Jersey 07041

NJSDA
JOSEPH C. CARUSO ELEMENTARY SCHOOL
81 FRANCES PLACE
FIGURE 2
SITE LAYOUT MAP
BOROUGH OF KEANSBURG, NEW JERSEY

Designed	Drawn	Checked	Approved	Date
	DRAWN	CHECKED		

P: \269563\Vi-Reports\SI\SI Report\Figures\Fig3.dwg 12/21/09 11:12 am



SOURCE: NJSDA
FIRM: DESIGN IDEAS GROUP
DRAWING TITLE: STIE ANALYSIS PLAN
DRAWING NUMBER: SP-2
DATE: SEPTEMBER 30, 2009
NOT TO SCALE

Hatch Mott MacDonald
Certificate No. 24GA28016600
27 Bleeker Street
Millburn, New Jersey 07041

NJSDA
JOSEPH C. CARUSO ELEMENTARY SCHOOL
81 FRANCES PLACE
FIGURE 3
SITE ANALYSIS PLAN
BOROUGH OF KEANSBURG, NEW JERSEY

Designed	Drawn	Checked	Approved	Date
	DRAWN	CHECKED		

Legend

- Sample Location

0 100 Feet

This map was developed using New Jersey Department of Environmental Protection Geographic Information System digital data, but this secondary product has not been verified by NJDEP and is not state-authorized.

Map Document: (P:\26963\GIS\MXD\Figure4SampleLocations.mxd)
12/21/2009 -- 3:50:06 PM

Hatch Mott MacDonald
27 Bleeker Street
Millburn, New Jersey 07041

NEW JERSEY SCHOOLS DEVELOPMENT AUTHORITY

JOSEPH C. CARUSO ELEMENTARY SCHOOL

FIGURE 4 - SAMPLE LOCATION MAP

Designed	Drawn	Checked	Approved	Date
	DSC			12/21/2009

Hatch Mott MacDonald

Appendix A

Hatch Mott MacDonald

SS-01

(Page 1 of 1)

Project: Joseph C. Caruso Elementary Schoo
81 Frances Place
Keansburg, New Jersey

HMM# 269563SI01

Date Completed : December 4, 2009
Drilling Method : Track-Mounted Geoprobe - Summit Drilling
Consultant : Hatch Mott MacDonald
Observer : Christine Togno

Depth in Feet	Sample Interval	Recovery (feet)	Stained Soils	Soil Sample Interval	Laboratory Analysis	SOIL DESCRIPTIONS	Results/Notes
0						Asphalt	
.5						Yellowish red (5YR 4/6) fine to medium sand, little (-) silt.	Samples taken from: 0.5-1.0 & 3.5-4.0 No stained soils Analyzed for: PAH, PCBs, Metals
1				(0.5-1.0)	PAHs, PCBs, Metals		
1.5							
2		4.0	No				
2.5							
3							
3.5				(3.5-4.0)	PAHs, PCBs, Metals		
4						Soil boring completed to 4 feet	
4.5							

-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\WI-Reports\SI\SI Report\Appendix A-Soil Borings\SS-01.bor

Hatch Mott MacDonald

SS-02

Project: Joseph C. Caruso Elementary Schoo
81 Frances Place
Keansburg, New Jersey

HMM# 269563SI01

Date Completed : December 4, 2009
Drilling Method : Track-Mounted Geoprobe - Summit Drilling
Consultant : Hatch Mott MacDonald
Observer : Christine Togno

Depth in Feet	Sample Interval	Recovery (feet)	Stained Soils	Soil Sample Interval	Laboratory Analysis	SOIL DESCRIPTIONS	Results/Notes
0						Asphalt	
.5				(0.5-1.0)	PAHs, PCBs, Metals	Yellowish red (5YR 4/6) fine to medium sand, little (-) silt.	Samples taken from: 0.5-1.0 & 3.5-4.0 No stained soils Analyzed for: PAH, PCBs, Metals
1							
1.5							
2		4.0	No				
2.5							
3							
3.5				(3.5-4.0)	PAHs, PCBs, Metals		
4						Soil boring completed to 4 feet	
4.5							

-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\Vj-Reports\SI\SI Report\Appendix A-Soil Borings\SS-02.bor

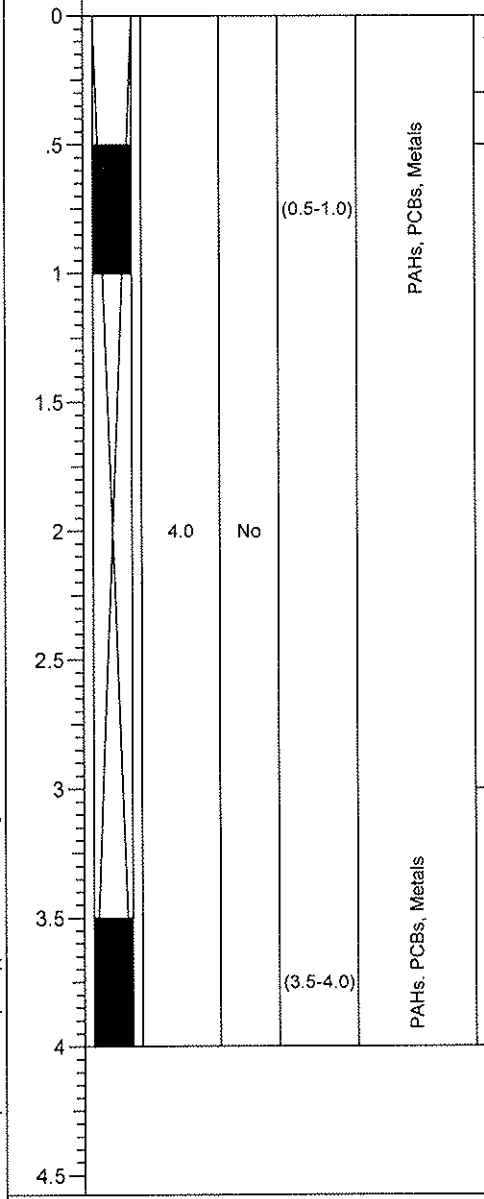
Hatch Mott MacDonald

SS-03

Project: Joseph C. Caruso Elementary Schoo
81 Frances Place
Keansburg, New Jersey

HMM# 269563SI01

Date Completed : December 4, 2009
Drilling Method : Track-Mounted Geoprobe - Summit Drilling
Consultant : Hatch Mott MacDonald
Observer : Christine Togno



Depth in Feet	Sample Interval	Recovery (feet)	Stained Soils	Soil Sample Interval	Laboratory Analysis	SOIL DESCRIPTIONS	Results/Notes
0						Asphalt	
.5						Greenish gray (Gley 5/1), clayey sand, with some gravel	
				(0.5-1.0)	PAHs, PCBs, Metals	Dark reddish gray (5YR 4/2) fine to medium sand, little silt	Samples taken from: 0.5-1.0 & 3.5-4.0 No stained soils Analyzed for: PAH PCBs Metals
1							
1.5							
2		4.0	No				
2.5							
3						Yellowish red (5YR 4/6) fine to medium sand, little silt	
3.5				(3.5-4.0)	PAHs, PCBs, Metals		
4						Soil boring completed to 4 feet	
4.5							

-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\SI\SI Report\Appendix A-Soil Borings\SS-03.bor

Hatch Mott MacDonald

SS-04

Project: Joseph C. Caruso Elementary Schoo
81 Frances Place
Keansburg, New Jersey

HMM# 269563SI01

Date Completed : December 4, 2009
Drilling Method : Track-Mounted Geoprobe - Summit Drilling
Consultant : Hatch Mott MacDonald
Observer : Christine Togno

Depth in Feet	Sample Interval	Recovery (feet)	Stained Soils	Soil Sample Interval	Laboratory Analysis	SOIL DESCRIPTIONS	Results/Notes
0						Asphalt	
.5				(0.5-1.0)	PAHs, PCBs, Metals	Reddish brown (5YR 4/6) fine to medium sand, little (-) silt	Samples taken from: 0.5-1.0 & 3.5-4.0 No stained soils Analyzed for: PAH, PCBs, Metals
1							
1.5							
2		4.0	No			Yellowish red (5YR 4/6) fine to medium sand, little (-) silt.	
2.5							
3							
3.5				(3.5-4.0)	PAHs, PCBs, Metals		
4						Soil boring completed to 4 feet	
4.5							

-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\VI-Reports\SI\SI Report\Appendix A-Soil Borings\SS-04.bor

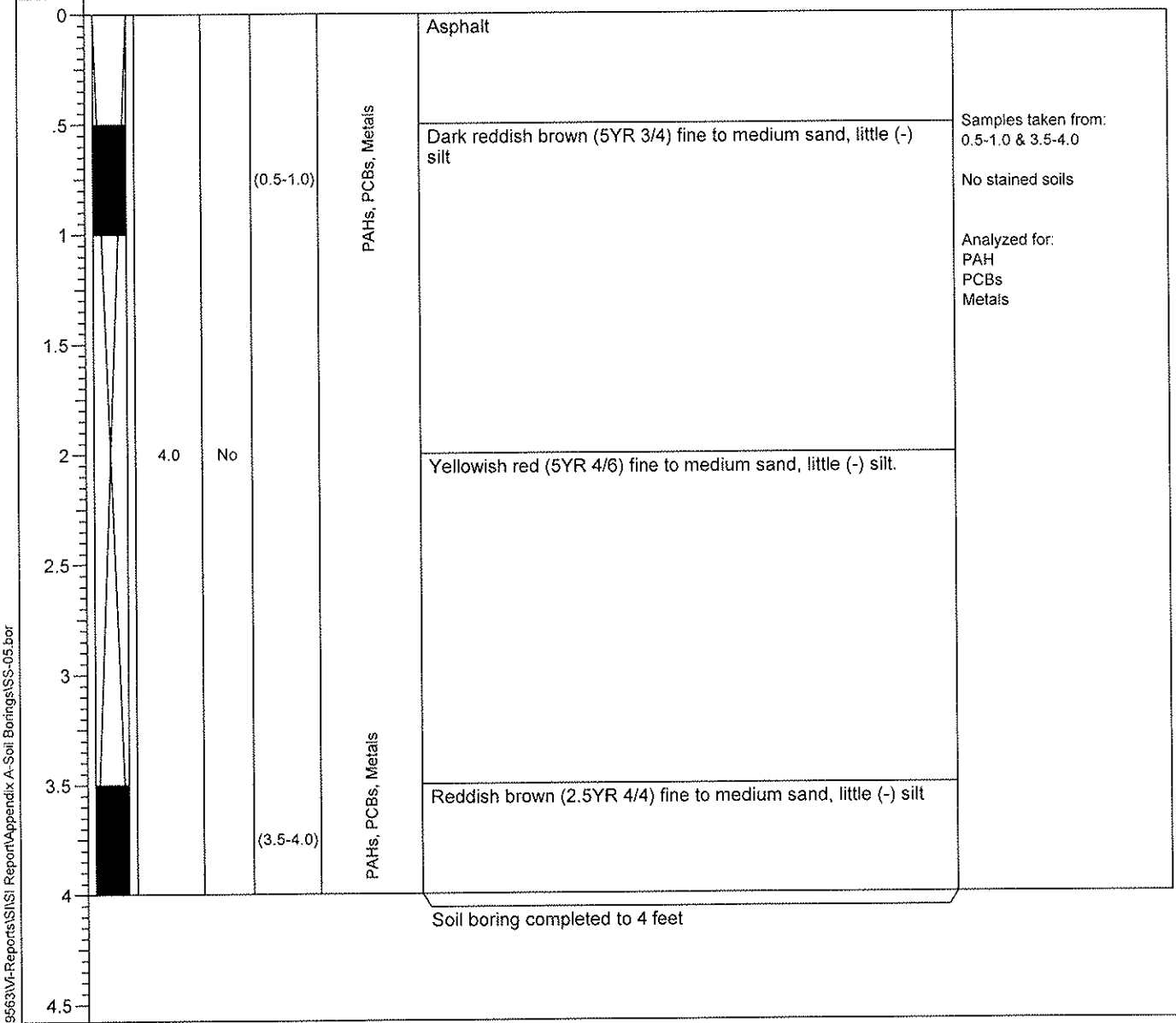
Hatch Mott MacDonald

SS-05

Project: Joseph C. Caruso Elementary Schoo
81 Frances Place
Keansburg, New Jersey

HMM# 269563SI01

Date Completed : December 4, 2009
Drilling Method : Track-Mounted Geoprobe - Summit Drilling
Consultant : Hatch Mott MacDonald
Observer : Christine Togno



-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\VI-Reports\SI\SI Report\Appendix A-Soil Borings\SS-05.bor

Hatch Mott MacDonald

SS-06

Project: Joseph C. Caruso Elementary Schoo
81 Frances Place
Keansburg, New Jersey

HMM# 269563SI01

Date Completed : December 4, 2009
Drilling Method : Track-Mounted Geoprobe - Summit Drilling
Consultant : Hatch Mott MacDonald
Observer : Christine Togno

Depth in Feet	Sample Interval	Recovery (feet)	Stained Soils	Soil Sample Interval	Laboratory Analysis	SOIL DESCRIPTIONS	Results/Notes
0						Asphalt	
.5						Reddish brown (5YR 4/6) fine to medium sand, little (-) silt	Samples taken from: 0.5-1.0 & 3.5-4.0 No stained soils Analyzed for: PAH, PCBs, Metals
1				(0.5-1.0)	PAHs, PCBs, Metals		
1.5						Yellowish red (5YR 4/6) fine to medium sand, little (-) silt.	
2		4.0	No				
2.5							
3							
3.5				(3.5-4.0)	PAHs, PCBs, Metals		
4						Soil boring completed to 4 feet	
4.5							

-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\Vi-Reports\SI\SI Report\Appendix A-Soil Borings\SS-06.bor

Hatch Mott MacDonald

SS-07

Project: Joseph C. Caruso Elementary Schoo
81 Frances Place
Keansburg, New Jersey

HMM# 269563SI01

Date Completed : December 4, 2009
Drilling Method : Track-Mounted Geoprobe - Summit Drilling
Consultant : Hatch Mott MacDonald
Observer : Christine Togno

Depth in Feet	Sample Interval	Recovery (feet)	Stained Soils	Soil Sample Interval	Laboratory Analysis	SOIL DESCRIPTIONS	Results/Notes
0						Top soil, vegetation	
.5						Concrete	Samples taken from: 1.0-1.5 & 3.5-4.0 No stained soils
1						Yellowish red (5YR 4/6) fine to medium sand, little (-) silt.	Analyzed for: PAH PCBs Metals
1.5				(1.0-1.5)	PAHs, PCBs, Metals		
2		4.0	No				
2.5							
3							
3.5				(3.5-4.0)	PAHs, PCBs, Metals		
4						Soil boring completed to 4 feet	
4.5							

-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\VI-Reports\SI\SI Report\Appendix A-Soil Borings\SS-07.bor

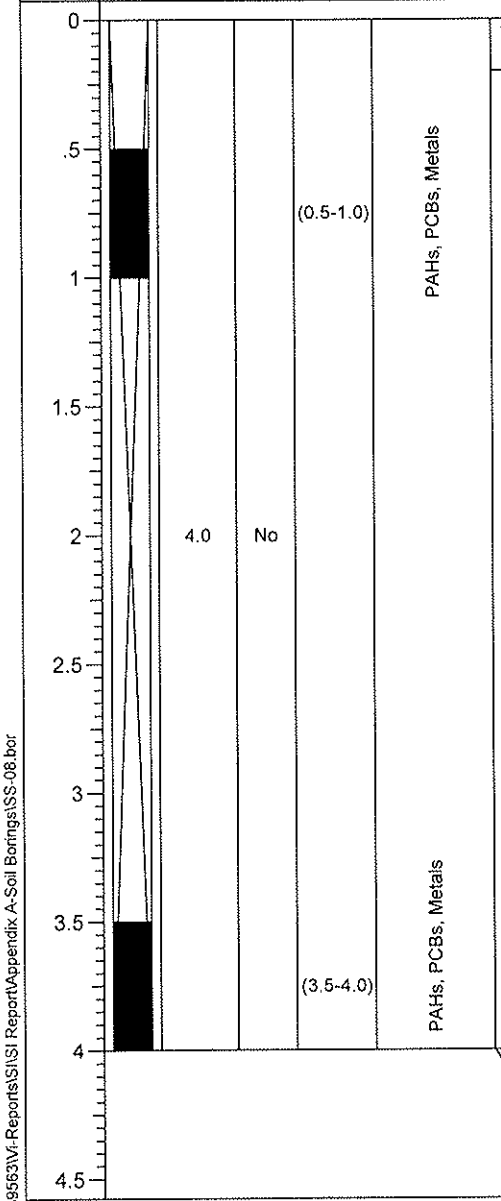
Hatch Mott MacDonald

SS-08

Project: Joseph C. Caruso Elementary Schoo
81 Frances Place
Keansburg, New Jersey

HMM# 269563SI01

Date Completed : December 4, 2009
Drilling Method : Track-Mounted Geoprobe - Summit Drilling
Consultant : Hatch Mott MacDonald
Observer : Christine Togno



SOIL DESCRIPTIONS	Results/Notes
Top soil, vegetation	
Reddish brown (5YR 4/6) fine to medium sand, little (-) silt	Samples taken from: 0.5-1.0 & 3.5-4.0 No stained soils Analyzed for: PAH PCBs Metals
Soil boring completed to 4 feet	

-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\WI-Reports\SI\SI ReportAppendix A-Soil Borings\SS-08.bor

Hatch Mott MacDonald

Appendix B

HC·V
HAMPTONCLARKE-VERITECH

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

WWW.HCVLAB.COM

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

Jeri Rossi - Quality Assurance Director OR Stanley Gilewicz - Laboratory Director

NJ	(07071 and 07069)	NY	(ELAP11408 and 11939)	CT	(PH-0671)	USACE	
PA	(68-00463 and 68-04409)	KY	(90124)	WV	(353)		

NELAP ACCREDITED TNI LABORATORY

HC-V
HAMPTON CLARKE-VERITECH

TABLE OF CONTENTS

Veritech Sample Key

11-Jan-10

Lab#	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

Veritech/Division of Hampton-Clarke
175 US Hwy 46 West, Fairfield, New Jersey 07004 & 198 Route 46 East, 1st Floor, Fairfield, New Jersey 07004
NELAC/NJ# 07071/07069 CT# PH-0671 NY/ELAP# 11408/11939 PA# 68-463/68-04409 WV# 353 KY# 90124

CHAIN OF CUSTODY RECORD

Ph: 800-426-9992
Fax: 973-439-1458

Project#(Lab Use Only) 9120444

Page 1 of 2

3) Reporting Requirements(please circle)

Customer Information	Project Information	Turnaround Time	Report type	Electronic Deliv
1a) Customer: Hatch Mott MacDonald	2a) Project: DJSDA - Keansburg-Carteret	24-Hour(100%)	Data Sum	Hazsite/Csv
Address: 27 Bleeker St	2b) Project Manager: G. Walker	48-Hour(75%)	Waste	Equis
Millburn, NJ 07041	2c) Location (City/State): Keansburg, NJ	72-Hour (50%)	Red-NJ/NY/PA	Excel-NJCC
1b) Email/Cell/Fax/Ph: 973-912-2427		4 Day (TPH)	CLP	~~Excel-Nytagm~~
1c) Send Invoice To: C. Togno		1-Week(25%)	Full/Cat-B	Excel-PAActII
	2d) Quote#/PO# (If Applicable):	10 Days(10%)	Cat-A	PDF
1d) Send Report To: C. Togno		Standard	Other:	Other:
		Other:		

Expedited TAT Not always available (Please check with lab)!

7) Analysis Request

FOR LAB USE ONLY

Batch# AC48729

Check if Contingent===> <===Check if Contingent

Matrix Codes: DW-Drinking Water; GW-Ground Water; WW-Waste Water; S-Soil; SL-Sludge; O-Oil; A-Air; Ot-Other

Lab Sample#	4) Customer Sample ID	5) Matrix	6) Sample Date	6) Sample Time	Sample Type: Composite(C)	Sample Type: Grab(G)	BN-PAH	PCB	TAL-metals	SPLP-Manganese	8) # Of Bottles: None	MeOH	Encore	NaOH	HCl	H_2SO_4	HNO_3	Other	9) Methanol Bottle Numbers (If applicable)
-001	SS01-A	S	12/4/09	0902		X	X	X	X		X								
-002	SS01-B	S		0904															
-003	SS02-A	S		0912															
-004	SS02-B	S		0914															
-005	SS03-A	S		0925															
-006	SS03-B	S		0927															
-007	SS04-A (A)	S		0931					X										
-008	SS04-B	S		0933															
-009	SS05-A	S		0944															
-010	SS05-B	S		0944															

10) Relinquished By:	Accepted By	Date	Time
C. Togno	Rick Davis-Dorla	12/4/09	~~1400~~ 1605
Rick Davis-Dorla	C. Togno	12/04/09	1650

Comments, Notes, Special Requirements, HAZARDS

(A) Activated per C. Togno . DTU 12/21/09

11) Sampler: C. Togno Date: 12/4/09

Cooler Tmp 3.9°C

Please note NUMBERED Items. If not completed your analytical work may be delayed.
A fee of $5/sample will be assessed for storage should sample not be activated for any analysis

Veritech/Division of Hampton-Clarke — **CHAIN OF CUSTODY RECORD** — Ph: 800-426-9992 Fax: 973-439-1458

175 US Hwy 46 West, Fairfield, New Jersey 07004 & 1275 Bloomfield Avenue, Building 3, Unit 50A, Fairfield, New Jersey 07004

Project#(Lab Use Only) | Page 2 of 2

NELAC/NJ# 07071/07069 CT# PH-0671 MA# NJ386 NY/ELAP# 11408/11939 PA# 68-463/68-04409 WV# 353 KY# 90124

3) Reporting Requirements(please circle)

Customer Information

1a) Customer: HHM
Address: 27 Bleeker St Millburn NJ

1b) Email/Cell/Fax/Ph:

1c) Send Invoice To:

1d) Send Report To: Toguo

Project Information

2a) Project: NJSDA-Kearny-Quad2

2b) Project Manager: G. Wallkill

2c) Location (City/State): Kearny, NJ

2d) Quote#/PO# (If Applicable):

Turnaround Time	Report type	Electronic Deliv
24-Hour(100%)	Data Sum	Hazsite/Csv
48-Hour(75%)	Waste	Equis
72-Hour (50%)	~~Red-NJ/NY/PA~~	~~Excel-NJCC~~
4 Day (TPH)	CLP	~~Excel-Nytagm~~
1-Week(25%)	Full/Cat-B	Excel-PAActII
~~10 Days(10%)~~	Cat-A	PDF
Standard	Other:	Other:
Other:		

Expedited TAT Not always available (Please check with lab)!

7) Analysis Request

FOR LAB USE ONLY

Batch# AC48729

Check if Contingent===>

Matrix Codes: DW-Drinking Water; GW-Ground Water; WW-Waste Water; S-Soil; SL-Sludge; O-Oil; A-Air; Ot-Other

Lab Sample#	4) Customer Sample ID	5) Matrix	6) Sample Date	6) Sample Time	Sample Type: Composite(C)	Sample Type: Grab(G)	BN-PAH	PCB	TAL-Metals	8) # Of Bottles: None	MeOH	Encore	NaOH	HCl	H2SO4	HNO3	Other:	9) Methanol Bottle Numbers (If applicable) / Comments
-011	SS06-A	S	12/4/09	1000		X	X	X	X	X								
-012	SS06-B	S		1001		X												
-013	SS07-A	S		1014		X												
-014	SS07-B	S		1015		X												
-015	SS08-A	S		1027		X												
-016	SS08-B	S		1029		X												
-017	FB			1110		X				4					1			12/4/09

10) Relinquished By:	Accepted By	Date	Time
Chantel Toguo	[illegible]	12/4/09	1605
[illegible]	[illegible]	12/04/09	1650

Comments, Notes, Special Requirements, HAZARDS

11) Sampler: Chantel Toguo Date: 12/4/09

Cooler Temp 3.9°

Please note NUMBERED items. If not completed your analytical work may be delayed.
A fee of $5/sample will be assessed for storage should sample not be activated for any analysis

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?
3	Yes	Are the COC seals intact?
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 samples:
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	Other comments ...Specify
14	NA	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	NA	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	NA	NA	NA
AC48729-015	NA	NA	NA	NA	NA
AC48729-016	NA	NA	NA	NA	NA
AC48729-017	1L	P	METALS	HNO3	1

Internal Chain of Custody

Lab#:	DateTime:	Loc or User	Bot Nu	A/M	Analysis
AC48729-001	12/04/09 16:50	CHILD	0	M	Received
AC48729-001	12/04/09 17:52	CHILD	0	M	Login
AC48729-001	12/04/09 18:58	R12	1	A	NONE
AC48729-001	12/07/09 07:32	SDL	1	A	mixing
AC48729-001	12/08/09 09:53	%SOI	1	A	pb
AC48729-001	12/08/09 09:55	R12	1	A	NONE
AC48729-001	12/09/09 07:58	OA	1	A	tdsi/hg
AC48729-001	12/09/09 12:52	R12	1	A	NONE
AC48729-001	12/16/09 09:50	MSL	1	A	BN
AC48729-001	12/16/09 13:04	R12	1	A	NONE
AC48729-001	12/17/09 13:00	MANSI	1	M	S,PCB
AC48729-001	12/17/09 13:45	R12	1	A	NONE
AC48729-002	12/04/09 16:50	CHILD	0	M	Received
AC48729-002	12/04/09 17:52	CHILD	0	M	Login
AC48729-002	12/04/09 18:58	R12	1	A	NONE
AC48729-002	12/07/09 07:32	SDL	1	A	mixing
AC48729-002	12/08/09 09:53	%SOLI	1	A	pb
AC48729-002	12/08/09 09:55	R12	1	A	NONE
AC48729-002	12/09/09 07:58	OA	1	A	tdsi/hg
AC48729-002	12/09/09 12:52	R12	1	A	NONE
AC48729-002	12/16/09 09:50	MSL	1	A	BN
AC48729-002	12/16/09 13:04	R12	1	A	NONE
AC48729-002	12/17/09 13:00	MANSI	1	M	S,PCB
AC48729-002	12/17/09 13:45	R12	1	A	NONE
AC48729-003	12/04/09 16:50	CHILD	0	M	Received
AC48729-003	12/04/09 17:52	CHILD	0	M	Login
AC48729-003	12/04/09 18:58	R12	1	A	NONE
AC48729-003	12/07/09 07:32	SDL	1	A	mixing
AC48729-003	12/08/09 09:53	%SOLI	1	A	pb
AC48729-003	12/08/09 09:55	R12	1	A	NONE
AC48729-003	12/09/09 07:58	OA	1	A	tdsi/hg
AC48729-003	12/09/09 12:52	R12	1	A	NONE
AC48729-003	12/16/09 09:50	MSL	1	A	BN
AC48729-003	12/16/09 13:04	R12	1	A	NONE
AC48729-003	12/17/09 13:00	MANSI	1	M	S,PCB
AC48729-003	12/17/09 13:45	R12	1	A	NONE
AC48729-004	12/04/09 16:50	CHILD	0	M	Received
AC48729-004	12/04/09 17:52	CHILD	0	M	Login
AC48729-004	12/04/09 18:58	R12	1	A	NONE
AC48729-004	12/07/09 07:32	SDL	1	A	mixing
AC48729-004	12/08/09 10:14	%SOLI	1	M	pb
AC48729-004	12/08/09 11:16	R12	1	A	NONE
AC48729-004	12/09/09 07:58	OA	1	A	tdsi/hg
AC48729-004	12/09/09 12:52	R12	1	A	NONE
AC48729-004	12/17/09 09:49	JOLA	1	A	S,BN
AC48729-004	12/17/09 10:47	R12	1	A	NONE
AC48729-004	12/17/09 13:00	MANSI	1	M	S,PCB
AC48729-004	12/17/09 13:45	R12	1	A	NONE
AC48729-005	12/04/09 16:50	CHILD	0	M	Received
AC48729-005	12/04/09 17:52	CHILD	0	M	Login
AC48729-005	12/04/09 18:58	R12	1	A	NONE
AC48729-005	12/07/09 07:32	SDL	1	A	mixing
AC48729-005	12/08/09 10:14	%SOLI	1	M	pb
AC48729-005	12/08/09 11:16	R12	1	A	NONE
AC48729-005	12/09/09 07:58	OA	1	A	tdsi/hg
AC48729-005	12/09/09 12:52	R12	1	A	NONE
AC48729-005	12/17/09 09:49	JOLA	1	A	S,BN
AC48729-005	12/17/09 10:47	R12	1	A	NONE
AC48729-005	12/17/09 13:00	MANSI	1	M	S,PCB
AC48729-005	12/17/09 13:45	R12	1	A	NONE
AC48729-006	12/04/09 16:50	CHILD	0	M	Received
AC48729-006	12/04/09 17:52	CHILD	0	M	Login
AC48729-006	12/04/09 18:58	R12	1	A	NONE
AC48729-006	12/07/09 07:32	SDL	1	A	mixing
AC48729-006	12/08/09 10:14	%SOLI	1	M	pb
AC48729-006	12/08/09 11:16	R12	1	A	NONE
AC48729-006	12/09/09 07:58	OA	1	A	tdsi/hg
AC48729-006	12/09/09 12:52	R12	1	A	NONE
AC48729-006	12/17/09 09:49	JOLA	1	A	S,BN
AC48729-006	12/17/09 10:47	R12	1	A	NONE
AC48729-006	12/17/09 13:00	MANSI	1	M	S,PCB
AC48729-006	12/17/09 13:45	R12	1	A	NONE
AC48729-007	12/04/09 16:50	CHILD	0	M	Received
AC48729-007	12/04/09 17:52	CHILD	0	M	Login
AC48729-007	12/04/09 18:58	R12	1	A	NONE

Lab#:	DateTime:	Loc or User	Bot Nu	A/M	Analysis
AC48729-007	12/07/09 07:32	SDL	1	A	mixing
AC48729-007	12/08/09 10:14	%SOLI	1	M	pb
AC48729-007	12/08/09 11:16	R12	1	A	NONE
AC48729-007	12/09/09 07:58	OA	1	A	tdsi/hg
AC48729-007	12/09/09 12:52	R12	1	A	NONE
AC48729-007	12/17/09 09:49	JOLA	1	A	S,BN
AC48729-007	12/17/09 10:47	R12	1	A	NONE
AC48729-007	12/17/09 13:00	MANSI	1	M	S,PCB
AC48729-007	12/17/09 13:45	R12	1	A	NONE
AC48729-007	12/30/09 14:23	JS	1	A	splp
AC48729-007	12/30/09 15:48	R12	1	A	NONE
AC48729-008	12/04/09 16:50	CHILD	0	M	Received
AC48729-008	12/04/09 17:52	CHILD	0	M	Login
AC48729-008	12/04/09 18:58	R12	1	A	NONE
AC48729-008	12/07/09 07:32	SDL	1	A	mixing
AC48729-008	12/08/09 10:14	%SOLI	1	M	pb
AC48729-008	12/08/09 11:16	R12	1	A	NONE
AC48729-008	12/09/09 07:58	OA	1	A	tdsi/hg
AC48729-008	12/09/09 12:52	R12	1	A	NONE
AC48729-008	12/17/09 09:49	JOLA	1	A	S,BN
AC48729-008	12/17/09 10:47	R12	1	A	NONE
AC48729-008	12/17/09 13:00	MANSI	1	M	S,PCB
AC48729-008	12/17/09 13:45	R12	1	A	NONE
AC48729-009	12/04/09 16:50	CHILD	0	M	Received
AC48729-009	12/04/09 17:52	CHILD	0	M	Login
AC48729-009	12/04/09 18:58	R12	1	A	NONE
AC48729-009	12/07/09 07:32	SDL	1	A	mixing
AC48729-009	12/08/09 10:14	%SOLI	1	M	pb
AC48729-009	12/08/09 11:16	R12	1	A	NONE
AC48729-009	12/09/09 07:58	OA	1	A	tdsi/hg
AC48729-009	12/09/09 12:52	R12	1	A	NONE
AC48729-009	12/17/09 09:49	JOLA	1	A	S,BN
AC48729-009	12/17/09 10:47	R12	1	A	NONE
AC48729-009	12/17/09 13:00	MANSI	1	M	S,PCB
AC48729-009	12/17/09 13:45	R12	1	A	NONE
AC48729-010	12/04/09 16:50	CHILD	0	M	Received
AC48729-010	12/04/09 17:52	CHILD	0	M	Login
AC48729-010	12/04/09 18:58	R12	1	A	NONE
AC48729-010	12/07/09 07:32	SDL	1	A	mixing
AC48729-010	12/08/09 10:14	%SOLI	1	M	pb
AC48729-010	12/08/09 11:16	R12	1	A	NONE
AC48729-010	12/09/09 07:58	OA	1	A	tdsi/hg
AC48729-010	12/09/09 12:52	R12	1	A	NONE
AC48729-010	12/17/09 09:49	JOLA	1	A	S,BN
AC48729-010	12/17/09 10:47	R12	1	A	NONE
AC48729-010	12/17/09 13:00	MANSI	1	M	S,PCB
AC48729-010	12/17/09 13:45	R12	1	A	NONE
AC48729-011	12/04/09 16:50	CHILD	0	M	Received
AC48729-011	12/04/09 17:52	CHILD	0	M	Login
AC48729-011	12/04/09 18:58	R12	1	A	NONE
AC48729-011	12/07/09 07:32	SDL	1	A	mixing
AC48729-011	12/08/09 10:14	%SOLI	1	M	pb
AC48729-011	12/08/09 11:16	R12	1	A	NONE
AC48729-011	12/09/09 07:58	OA	1	A	tdsi/hg
AC48729-011	12/09/09 12:52	R12	1	A	NONE
AC48729-011	12/17/09 09:49	JOLA	1	A	S,BN
AC48729-011	12/17/09 10:47	R12	1	A	NONE
AC48729-011	12/17/09 13:00	MANSI	1	M	S,PCB
AC48729-011	12/17/09 13:45	R12	1	A	NONE
AC48729-012	12/04/09 16:50	CHILD	0	M	Received
AC48729-012	12/04/09 17:52	CHILD	0	M	Login
AC48729-012	12/04/09 18:58	R12	1	A	NONE
AC48729-012	12/07/09 07:32	SDL	1	A	mixing
AC48729-012	12/08/09 10:14	%SOLI	1	M	pb
AC48729-012	12/08/09 11:16	R12	1	A	NONE
AC48729-012	12/09/09 07:58	OA	1	A	tdsi/hg
AC48729-012	12/09/09 12:52	R12	1	A	NONE
AC48729-012	12/17/09 09:49	JOLA	1	A	S,BN
AC48729-012	12/17/09 10:47	R12	1	A	NONE
AC48729-012	12/17/09 13:00	MANSI	1	M	S,PCB
AC48729-012	12/17/09 13:45	R12	1	A	NONE
AC48729-013	12/04/09 16:50	CHILD	0	M	Received
AC48729-013	12/04/09 17:52	CHILD	0	M	Login
AC48729-013	12/04/09 18:58	R12	1	A	NONE
AC48729-013	12/07/09 07:32	SDL	1	A	mixing

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

Internal Chain of Custody

Lab#:	DateTime:	Loc or User	Bot Nu	A/M	Analysis
AC48729-013	12/08/09 10:14	%SOLI	1	M	pb
AC48729-013	12/08/09 11:16	R12	1	A	NONE
AC48729-013	12/09/09 07:58	OA	1	A	tdsi/hg
AC48729-013	12/09/09 12:52	R12	1	A	NONE
AC48729-013	12/17/09 09:49	JOLA	1	A	S,BN
AC48729-013	12/17/09 10:47	R12	1	A	NONE
AC48729-013	12/17/09 13:00	MANSI	1	M	S,PCB
AC48729-013	12/17/09 13:45	R12	1	A	NONE
AC48729-014	12/04/09 16:50	CHILD	0	M	Received
AC48729-014	12/04/09 17:52	CHILD	0	M	Login
AC48729-014	12/04/09 18:58	R12	1	A	NONE
AC48729-014	12/07/09 07:32	SDL	1	A	mixing
AC48729-014	12/08/09 10:14	%SOLI	1	M	pb
AC48729-014	12/08/09 11:16	R12	1	A	NONE
AC48729-014	12/09/09 07:58	OA	1	A	tdsi/hg
AC48729-014	12/09/09 12:52	R12	1	A	NONE
AC48729-014	12/17/09 09:49	JOLA	1	A	S,BN
AC48729-014	12/17/09 10:47	R12	1	A	NONE
AC48729-014	12/17/09 13:00	MANSI	1	M	S,PCB
AC48729-014	12/17/09 13:45	R12	1	A	NONE
AC48729-015	12/04/09 16:50	CHILD	0	M	Received
AC48729-015	12/04/09 17:52	CHILD	0	M	Login
AC48729-015	12/04/09 18:58	R12	1	A	NONE
AC48729-015	12/07/09 07:32	SDL	1	A	mixing
AC48729-015	12/08/09 10:14	%SOLI	1	M	pb
AC48729-015	12/08/09 11:16	R12	1	A	NONE
AC48729-015	12/09/09 07:58	OA	1	A	tdsi/hg
AC48729-015	12/09/09 12:52	R12	1	A	NONE
AC48729-015	12/17/09 09:49	JOLA	1	A	S,BN
AC48729-015	12/17/09 10:47	R12	1	A	NONE
AC48729-015	12/17/09 13:00	MANSI	1	M	S,PCB
AC48729-015	12/17/09 13:45	R12	1	A	NONE
AC48729-016	12/04/09 16:50	CHILD	0	M	Received
AC48729-016	12/04/09 17:52	CHILD	0	M	Login
AC48729-016	12/04/09 18:58	R12	1	A	NONE
AC48729-016	12/07/09 07:32	SDL	1	A	mixing
AC48729-016	12/08/09 10:14	%SOLI	1	M	pb
AC48729-016	12/08/09 11:16	R12	1	A	NONE
AC48729-016	12/09/09 07:58	OA	1	A	tdsi/hg
AC48729-016	12/09/09 12:52	R12	1	A	NONE
AC48729-016	12/17/09 09:49	JOLA	1	A	S,BN
AC48729-016	12/17/09 10:47	R12	1	A	NONE
AC48729-016	12/17/09 13:00	MANSI	1	M	S,PCB
AC48729-016	12/17/09 13:45	R12	1	A	NONE
AC48729-017	12/04/09 16:50	CHILD	0	M	Received
AC48729-017	12/04/09 17:52	CHILD	0	M	Login
AC48729-017	12/04/09 18:58	R12	1	A	NONE
AC48729-017	12/09/09 07:58	OA	1	A	tdsi/hg
AC48729-017	12/09/09 12:52	R12	1	A	NONE
AC48729-017	12/04/09 18:58	R12	2	A	NONE
AC48729-017	12/09/09 13:00	ABM	2	A	PCB-AQ
AC48729-017	12/04/09 18:58	R12	3	A	NONE
AC48729-017	12/04/09 18:58	R12	4	A	NONE
AC48729-017	12/09/09 17:30	KALPE	4	A	A-BNA
AC48729-017	12/04/09 18:58	R12	5	A	NONE

Lab#:	DateTime:	Loc or User	Bot Nu	A/M	Analysis

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

Laboratory Chronicle

Project #: 9120444

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

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

Analyte	Prep Date	Prep By	Analysis Date	Analysis By
% Solids	12/07/09	intern	12/07/09	intern

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

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

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

Analyte	Prep Date	Prep By	Analysis Date	Analysis By
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
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]perylene	12/16/09	marie	12/16/09	AHD
Benzo[k]fluoranthene	12/16/09	marie	12/16/09	AHD
Chrysene	12/16/09	marie	12/16/09	AHD
Dibenzo[a,h]anthracene	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	AHD
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

Analyte	Prep Date	Prep By	Analysis Date	Analysis 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
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
Aroclor-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 6010B

Analyte	Prep Date	Prep By	Analysis Date	Analysis By
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
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
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
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	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	olufemi	12/11/09	SRB
Vanadium	12/09/09	olufemi	12/11/09	SRB
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

Analyte	Prep Date	Prep By	Analysis Date	Analysis By
% Solids	12/07/09	intern	12/07/09	intern

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

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

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

Analyte	Prep Date	Prep By	Analysis Date	Analysis By
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
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]perylene	12/16/09	marie	12/16/09	AHD
Benzo[k]fluoranthene	12/16/09	marie	12/16/09	AHD
Chrysene	12/16/09	marie	12/16/09	AHD
Dibenzo[a,h]anthracene	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	AHD
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

Analyte	Prep Date	Prep By	Analysis Date	Analysis 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
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
Aroclor-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 6010B

Analyte	Prep Date	Prep By	Analysis Date	Analysis By
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
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
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
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

Laboratory Chronicle

Project #: 9120444

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

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	olufemi	12/11/09	SRB
Vanadium	12/09/09	olufemi	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

	Prep		Analysis	
Analyte	Date	By	Date	By
% Solids	12/07/09	intern	12/07/09	intern

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

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

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

	Prep		Analysis	
Analyte	Date	By	Date	By
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
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]perylene	12/16/09	marie	12/16/09	AHD
Benzo[k]fluoranthene	12/16/09	marie	12/16/09	AHD
Chrysene	12/16/09	marie	12/16/09	AHD
Dibenzo[a,h]anthracene	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	AHD
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	By	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
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
Aroclor-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 6010B

	Prep		Analysis	
Analyte	Date	By	Date	By
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
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
Copper	12/09/09	olufemi	12/11/09	SRB

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

Iron	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	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	olufemi	12/11/09	SRB
Vanadium	12/09/09	olufemi	12/11/09	SRB
Zinc	12/09/09	olufemi	12/11/09	SRB

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

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

	Prep		Analysis	
Analyte	Date	By	Date	By
% 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	By	Date	By
Mercury	12/09/09	olufemi	12/10/09	JS

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

	Prep		Analysis	
Analyte	Date	By	Date	By
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]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	AHD
Dibenzo[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
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	By	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
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
Aroclor-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 6010B

	Prep		Analysis	
Analyte	Date	By	Date	By
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

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

Cadmium	12/09/09	olufem	12/11/09	SRB
Calcium	12/09/09	olufem	12/11/09	SRB
Chromium	12/09/09	olufem	12/11/09	SRB
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	olufem	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	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	olufemi	12/11/09	SRB
Vanadium	12/09/09	olufemi	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

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

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

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

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

Analyte	Prep Date	Prep By	Analysis Date	Analysis By
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]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	AHD
Dibenzo[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
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

Analyte	Prep Date	Prep By	Analysis Date	Analysis By
Aroc or (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
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
Aroclor-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 6010B

Analyte	Prep Date	Prep By	Analysis Date	Analysis By

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

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
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
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
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	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	olufemi	12/11/09	SRB
Vanadium	12/09/09	olufemi	12/11/09	SRB
Zinc	12/09/09	olufemi	12/11/09	SRB

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

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

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

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

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

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

Analyte	Prep Date	Prep By	Analysis Date	Analysis By
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]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	AHD
Dibenzo[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
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

Analyte	Prep Date	Prep By	Analysis Date	Analysis 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
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
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

Analyte	Prep Date	Prep By	Analysis Date	Analysis By
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
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
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
Magnesium	12/09/09	olufemi	12/11/09	SRB
Manganese	12/09/09	olufemi	12/11/09	SRB
Nickel	12/09/09	olufem	12/11/09	SRB
Potassium	12/09/09	olufem	12/11/09	SRB
Selenium	12/09/09	olufem	12/11/09	SRB
Silver	12/09/09	olufem	12/11/09	SRB
Sodium	12/09/09	olufem	12/11/09	SRB
Thallium	12/09/09	olufemi	12/11/09	SRB
Vanadium	12/09/09	olufemi	12/11/09	SRB
Zinc	12/09/09	olufemi	12/11/09	SRB

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

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

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

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

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

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

Analyte	Prep Date	Prep By	Analysis Date	Analysis By
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]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	AHD
Dibenz[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
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

Analyte	Prep Date	Prep By	Analysis Date	Analysis 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
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
Aroclor-1262	12/17/09	mansip	12/18/09	MS
Aroclor-1268	12/17/09	mansip	12/18/09	MS

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

TestGroupName pH (SM4500-H+ B-00)
Preparation Method: SM4500-H+B00
Analytical Method: SM4500-H+B00

Analyte	Prep Date	Prep By	Analysis Date	Analysis By
SPLP PH	12/30/09	johns	12/30/09	johns

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

Analyte	Prep Date	Prep By	Analysis Date	Analysis By
Manganese	01/04/10	olufemi	01/04/10	SRB

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

Analyte	Prep Date	Prep By	Analysis Date	Analysis By
SPLP Metals Extraction	12/30/09	JS	NA	

TestGroupName SPLP VOLUMES
Preparation Method: NA
Analytical Method: NA

Analyte	Prep Date	Prep By	Analysis Date	Analysis By
SPLP Final Volume	12/30/09	johns	NA	
SPLP Initial Weight	12/30/09	johns	NA	

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

Analyte	Prep Date	Prep By	Analysis Date	Analysis By
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
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
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
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	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	olufemi	12/11/09	SRB
Vanadium	12/09/09	olufemi	12/11/09	SRB
Zinc	12/09/09	olufemi	12/11/09	SRB

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

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

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

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

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

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

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

Analyte	Prep Date	Prep By	Analysis Date	Analysis By
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]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	AHD
Dibenzo[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
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

Analyte	Prep Date	Prep By	Analysis Date	Analysis 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
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
Aroclor-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 6010B

Analyte	Prep Date	Prep By	Analysis Date	Analysis By
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
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
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
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	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	olufemi	12/11/09	SRB
Vanadium	12/09/09	olufemi	12/11/09	SRB
Zinc	12/09/09	olufemi	12/11/09	SRB

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

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

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

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

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

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

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

Analyte	Prep Date	Prep By	Analysis Date	Analysis By
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]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	AHD
Dibenzo[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
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

Analyte	Prep Date	Prep By	Analysis Date	Analysis 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
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
Aroclor-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 6010B

Analyte	Prep Date	Prep By	Analysis Date	Analysis By
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
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
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
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	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	olufemi	12/11/09	SRB
Vanadium	12/09/09	olufemi	12/11/09	SRB
Zinc	12/09/09	olufemi	12/11/09	SRB

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

Laboratory Chronicle

Project #: 9120444

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

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

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

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

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

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

Analyte	Prep Date	Prep By	Analysis Date	Analysis By
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]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	AHD
Dibenzo[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
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

Analyte	Prep Date	Prep By	Analysis Date	Analysis 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
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
Aroclor-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 6010B

Analyte	Prep Date	Prep By	Analysis Date	Analysis By
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
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
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
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	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	olufemi	12/11/09	SRB
Vanadium	12/09/09	olufemi	12/11/09	SRB
Zinc	12/09/09	olufemi	12/11/09	SRB

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

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

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

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

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

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

Analyte	Prep Date	Prep By	Analysis Date	Analysis By
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]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	AHD
Dibenzo[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
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

Analyte	Prep Date	Prep By	Analysis Date	Analysis 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
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
Aroclor-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 6010B

Analyte	Prep Date	Prep By	Analysis Date	Analysis By
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
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
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
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

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

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	olufemi	12/11/09	SRB
Vanadium	12/09/09	olufemi	12/11/09	SRB
Zinc	12/09/09	olufemi	12/11/09	SRB

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

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

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

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

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

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

Analyte	Prep Date	Prep By	Analysis Date	Analysis By
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]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	AHD
Dibenzo[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
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

Analyte	Prep Date	Prep By	Analysis Date	Analysis 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
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
Aroclor-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 6010B

Analyte	Prep Date	Prep By	Analysis Date	Analysis By
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
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
Copper	12/09/09	olufemi	12/11/09	SRB

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

Iron	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	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	olufemi	12/11/09	SRB
Vanadium	12/09/09	olufemi	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

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

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

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

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

Analyte	Prep Date	Prep By	Analysis Date	Analysis By
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]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	AHD
Dibenzo[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
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

Analyte	Prep Date	Prep By	Analysis Date	Analysis 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
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
Aroclor-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 6010B

Analyte	Prep Date	Prep By	Analysis Date	Analysis By
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

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

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
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	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	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	olufemi	12/11/09	SRB
Vanadium	12/09/09	olufemi	12/11/09	SRB
Zinc	12/09/09	olufemi	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	By
% 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	By	Date	By
Mercury	12/09/09	olufemi	12/10/09	JS

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

	Prep		Analysis	
Analyte	Date	By	Date	By
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]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	AHD
Dibenzo[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
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	By	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
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
Aroclor-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 6010B

	Prep		Analysis	
Analyte	Date	By	Date	By

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

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
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
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
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	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	olufemi	12/11/09	SRB
Vanadium	12/09/09	olufemi	12/11/09	SRB
Zinc	12/09/09	olufemi	12/11/09	SRB

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

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

	Prep		Analysis	
Analyte	Date	By	Date	By
% 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	By	Date	By
Mercury	12/09/09	olufemi	12/10/09	JS

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

	Prep		Analysis	
Analyte	Date	By	Date	By
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]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	AHD
Dibenzo[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
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	By	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
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
Aroclor-1262	12/17/09	mansip	12/18/09	MS
Aroclor-1268	12/17/09	mansip	12/18/09	MS

Laboratory Chronicle

Project #: 9120444

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

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

Analyte	Prep Date	Prep By	Analysis Date	Analysis By
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
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
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
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	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	olufemi	12/11/09	SRB
Vanadium	12/09/09	olufemi	12/11/09	SRB
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

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

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

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

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

Analyte	Prep Date	Prep By	Analysis Date	Analysis By
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]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	AHD
Dibenzo[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
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

Analyte	Prep Date	Prep By	Analysis Date	Analysis 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
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
Aroclor-1262	12/17/09	mansip	12/18/09	MS
Aroclor-1268	12/17/09	mansip	12/18/09	MS

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

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

Analyte	Prep Date	Prep By	Analysis Date	Analysis By
Aluminum	12/09/09	olufemi	12/12/09	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
Calcium	12/09/09	olufemi	12/12/09	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	12/12/09	SRB
Lead	12/09/09	olufemi	12/11/09	SRB
Magnesium	12/09/09	olufemi	12/12/09	SRB
Manganese	12/09/09	olufemi	12/11/09	SRB
Nickel	12/09/09	olufemi	12/11/09	SRB
Potassium	12/09/09	olufemi	12/12/09	SRB
Selenium	12/09/09	olufemi	12/11/09	SRB
Silver	12/09/09	olufemi	12/11/09	SRB
Sodium	12/09/09	olufemi	12/12/09	SRB
Thallium	12/09/09	olufemi	12/11/09	SRB
Vanadium	12/09/09	olufemi	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

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

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

Analyte	Prep Date	Prep By	Analysis Date	Analysis By
Acenaphthene	12/09/09	kalpeshr	12/10/09	AHD
Acenaphthylene	12/09/09	kalpeshr	12/10/09	AHD
Anthracene	12/09/09	kalpeshr	12/10/09	AHD
Benzo[a]anthracene	12/09/09	kalpeshr	12/10/09	AHD
Benzo[a]pyrene	12/09/09	kalpeshr	12/10/09	AHD
Benzo[b]fluoranthene	12/09/09	kalpeshr	12/10/09	AHD
Benzo[g,h,i]perylene	12/09/09	kalpeshr	12/10/09	AHD
Benzo[k]fluoranthene	12/09/09	kalpeshr	12/10/09	AHD
Chrysene	12/09/09	kalpeshr	12/10/09	AHD
Dibenzo[a,h]anthracene	12/09/09	kalpeshr	12/10/09	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

Analyte	Prep Date	Prep By	Analysis Date	Analysis By
Aroclor (Total)	12/09/09	ABDUL	12/10/09	MS
Aroclor-1016	12/09/09	ABDUL	12/10/09	MS
Aroclor-1221	12/09/09	ABDUL	12/10/09	MS
Aroclor-1232	12/09/09	ABDUL	12/10/09	MS
Aroclor-1242	12/09/09	ABDUL	12/10/09	MS
Aroclor-1248	12/09/09	ABDUL	12/10/09	MS
Aroclor-1254	12/09/09	ABDUL	12/10/09	MS
Aroclor-1260	12/09/09	ABDUL	12/10/09	MS

Laboratory Chronicle

Project #: 9120444

Lab#: AC48729-017 Sample ID: FB

Aroclor-1262	12/09/09	ABDUL	12/10/09	MS
Aroclor-1268	12/09/09	ABDUL	12/10/09	MS

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

	Prep		Analysis	
Analyte	Date	By	Date	By
Aluminum	12/09/09	olufemi	12/12/09	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
Calcium	12/09/09	olufemi	12/12/09	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	12/12/09	SRB
Lead	12/09/09	olufemi	12/11/09	SRB
Magnesium	12/09/09	olufemi	12/12/09	SRB
Manganese	12/09/09	olufemi	12/11/09	SRB
Nickel	12/09/09	olufemi	12/11/09	SRB
Potassium	12/09/09	olufemi	12/12/09	SRB
Selenium	12/09/09	olufemi	12/11/09	SRB
Silver	12/09/09	olufemi	12/11/09	SRB
Sodium	12/09/09	olufemi	12/12/09	SRB
Thallium	12/09/09	olufemi	12/11/09	SRB
Vanadium	12/09/09	olufemi	12/11/09	SRB
Zinc	12/09/09	olufemi	12/11/09	SRB

HC·V
HAMPTONCLARKE·VERITECH

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 1/11/10

Jen Rossi — Date
Quality Assurance Director

HC·V
HAMPTON CLARKE·VERITECH

Method References

PARAMETER	METHOD	TECHNIQUE	PARAMETER	METHOD	TECHNIQUE
WATER POLLUTION PARAMETERS			***DRINKING WATER PARAMETERS***		
Fecal Coliform	SM 9222 D	Membrane Filtration	Total coliform	SM 9221D + E	Presence/Absence
Total Coliform	SM 9222 B	Membrane Filtration	Total coli/E. coli	SM 9222 B/G	Membrane Filtration/Enumeration
Heterotrophic PC	SM 9215 B	Pour Plate	Cyanide	SM 4500-CN-E	Dist/Spectrophotometric (man.)
Acidity	SM 2310 B (4a)	Electrometric	Cyanide	EPA 335.4	Dist/Spectrophotometric (auto)
Alkalinity	SM 2320 B	Electrometric	Cyanide	EPA OIA-1677	Flow Injection, Ligand Exchange
Ammonia	SM4500NH3B-18	Distillation (prep)	VOA	EPA 524.2	GC/MS
Ammonia	SM4500NH3C-18	Nesslerization (analysis)	Metals	EPA 200.8	ICP/MS
BOD	SM 5210 B	DO Depletion	Mercury	EPA 245.1	Manual, Cold Vapor
Bromide	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
COD	HACH 8000	Spectrophotometric, manual			
Chloride	EPA 300.0	Ion Chromatography			
Cyanide (T)	EPA 335.4	Dist/Spectrophotometric (auto)			
Cyanide (T)	SM4500-CN C/E	Dist/Spectrophotometric (man.)			
Cyanide (Am)	SM4500-CN C/G	Distillation, Spectrophotometric			
Cyanide (Am)	EPA 1677	Flow Injection/Ligand Exchange			
Fluoride	EPA 300.0	Ion Chromatography			
Hardness	EPA 200.7	Ca + Mg Carbonates, ICP	***SOLID HAZARDOUS WASTE PARAMETERS***		
Hex Chrom	SM 3500-Cr D	Spectrophotometric	Specific Cond.	SW-846 9050A	Wheatstone Bridge
Magnesium	EPA 200.7	Digestion, ICP	Phenols	SW-846 9065	Colorimetric
Metals	EPA 200.7	Digestion, ICP	Cyanide	SW-846 9014	Titrimetric/Spectrophotometric
Mercury	EPA 245.1	Manual, Cold Vapor	Chromium V	SW-846 7196A	Colorimetric
Metals	EPA 200.8	ICP/MS	Metals	SW-846 6010B	ICP
Nitrate	EPA 300.0	Ion Chromatography	Mercury (liquid)	SW-846 7470A	Manual Cold Vapor
Nitrite	EPA 300.0	Ion Chromatography	Mercury (solid)	SW-846 7471A	Manual Cold Vapor
Nitrite	SM4500-NO3 F	Auto, Cd Reduction	EDB/DBCP	SW-846 8011	Microextraction, GC, ECD
Nitrate-Nitrite	SM4500-NO3 F	Auto, Cd Reduction	Alcohols/Glycols	SW-846 8015B	GC, FID
O & G HEM	EPA 1664A	Grav., Hexane Extractable	Petroleum Organics	OQA QAM 25 rev7	Extraction, GC, FID
Oil & Grease SGT	EPA 1664A	Grav., Silica Gel Treated, HEM	DRO	SW-846 8015B	Extraction, GC, FID
Sulfate	EPA 300.0	Ion Chromatography	GRO	SW8468015B m	GC/MS, Purge & Trap
TOC	SM 5310 B	Combustion	PCB**	SW-846 8082	Extraction,GC, ECD
Ortho 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
Phenols	EPA 420.1	Distillation, Colorimetric	VOA	SW-846 8260B	GC/MS
Total Phosphorus	SM 4500-P B5+E	Persulfate Digestion	Semi-VOA	SW-846 8270C	Extraction, GC/MS
Potassium	EPA 200.7	Digestion, ICP	Semi-VOA	SW-846 8270C	GC/MS/SIM
Total Residue	SM 2540 B	Gravimetric, 103-105° C	Cyanide (T)	SW-846 9012A	Colorimetric (auto)
TDS	SM 2540 C	Gravimetric, 180° C	Cyanide (T)	SW-846 9010C	Distillation
TSS	SM 2540 D	Gravimetric, 103-105° C	Cyanide (Am)	SW-846 9010C	Distillation
Settleable Solids	SM 2540 F	Volumetric, Imhoff Cone	Sulfides	SW-846 9030B	Redox Titration
Volatile Solids	EPA 160.4	Gravimetric, 550° C	Sulfides	SW-846 9034	Titration
Total,Fix,Vol Sol.	SM 2540 G	Gravimetric, 550° C	Sulfate	SW-846 9056	Ion Chromatography
Salinity	SM 2520 B	Electrical Conductivity	pH	SW-846 9040B	Elect, waste, >20% water
Sodium	EPA 200.7	Digestion, ICP	TOC	SW-846 9060	Infrared Spectrometry
Specific Cond.	SM 2510 B	Wheatstone Bridge	TOC (sediment)	Lloyd Kahn Meth.	Infrared Spectrometry
Sulfides	SM 4500-S^2 F	Titrimetric, Iodine	Oil & Grease hem	SW-846 1664A	Extraction and Gravimetric
Turbidity	SM 2130 B	Nephelometric	Nitrite	SW-846 9056	Ion Chromatography
PCB**	EPA 608	Extraction, GC, ECD	Nitrate	SW-846 9056	Ion Chromatography
Pesticides	EPA 608	Extraction, GC, ECD	Bromide	SW-846 9056	Ion Chromatography
Petroleum Org.	OQ QAM 25 rev. 7	Extraction, GC, FID	Chloride	SW-846 9056	Ion Chromatography
VOA	EPA 624	GC/MS	Fluoride	SW-846 9056	Ion Chromatography
Semi-VOA	EPA 625	Extraction, GC/MS	Ortho Phosphate	SW-846 9056	Ion Chromatography

HC·V
HAMPTON-CLARKE·VERITECH

Method References cont'd

PARAMETER	METHOD	TECHNIQUE
SOLID HAZARDOUS WASTE PREP		
Metals, Total& Diss	SW-846 3005A	Acid Dig/Surface & GW, ICP
Metals, Total	SW-846 3010A	Acid Dig/Aq Samples, ICP
Metals	SW-846 3050B	Acid Dig, Soil Sediment, Sludge
Metals	SW-846 3060A	Chromium VI Digestion
Semi-VO	SW-846 3510C	Separatory Funnel Extraction
Semi-VO	SW-846 3550B	Ultrasonic Extraction
Semi-VO	SW-846 3520C	Liquid-Liquid Extraction
Semi-VO	SW-846 3545	Pressurized Fluid Extraction
VO	SW-846 5030B	Purge & Trap Aqueous
Organics	SW-846 3580A	Waste Dilution
Organics	SW-846 3585	Waste Dilution, Volatile Organics
VO-low/high conc.	SW-846 5035l/h	Closed System Purge & Trap
Semi-VO	SW-846 3611B	Petroleum Waste, Cleanup Alumina
Semi-VO	SW-846 3620B	Cleanup-Florisil
Semi-VO	SW-846 3640A	Cleanup-Gel Permeation
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/$KMnO_4$
SOLID AND CHEMICAL MATERIALS		
Ignitability of Solids	SW-846 1030	Burn Rate
Reactivity	SW-846 7.3*	HCN, HS Release
Cyanide	SW-846 9013	Extraction, Oils and Solids
EOX	SW-846 9023	Extraction
Sulfides-extractable	SW-846 9031	Water extraction, Distillation
O & 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
pH	SW-846 9045C	pH, soil and waste
Temperature	SM 2550 B	Thermometric

PARAMETER	METHOD	TECHNIQUE
CHARACTERISTICS OF HAZARDOUS WASTE		
Flash Point	SW-846 1010	Pensky-Martens Closed Cup
Corrosivity	SW-846 9040B	Aqueous Waste, Potentiometric
Volatile Organics	SW-846 1311	TCLP, Toxicity Procedure, ZHE
Metals-Semi VOA	SW-846 1311	TCLP, Toxicity Procedure, Shaker
Metals-Organics	SW-846 1310A	EP Toxicity Test
Metals-Organics	SW-846 1312	Synthetic PPT Leachate Procedure
Metals-Organics	SW-846 1320	Multiple Extraction
ASTM		
Specific Gravity	ASTM D-1429*	Erlenmeyer Flask
Sulfur Analysis	ASTM D-1552*	Infrared Spectometry
Total Organic Matter	ASTM D-2974*	Organic Content
Extraction of solid waste	ASTM D-3987	Shaker Extraction
ANALYZE IMMEDIATELY PARAMETERS		
D.O.	SM 4500-O G	Electrode
pH	SM 4500-H+ B	Electrometric
Temperature	SM 2550 B	Thermometric
pH	SW-846 9040B	Aqueous, Electrometric
ORP	SM-2580 B*	Electrode
Chlorine Residual	SM 4500-Cl G	DPD, Colorimetric

* Not a NELAP accredited method
** Aroclor 1262 and 1268 are not NELAP accredited parameters.

HC-V
HAMPTONCLARKE-VERITECH

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

Lab#: AC48729-001 Collection Date: 12/4/2009 Sample ID: SS01-A				
TestGroup/Analyte	DF	Units	RL	Result
% Solids SM2540G				
% Solids	1	percent		93
Mercury (Soil/Waste) 7471A				
Mercury	167	mg/kg	0.090	ND
PAH Compounds 8270				
Acenaphthene	1	mg/kg	0.072	ND
Acenaphthylene	1	mg/kg	0.072	ND
Anthracene	1	mg/kg	0.072	ND
Benzo[a]anthracene	1	mg/kg	0.072	ND
Benzo[a]pyrene	**1**	**mg/kg**	**0.072**	**0.075**
Benzo[b]fluoranthene	**1**	**mg/kg**	**0.072**	**0.11**
Benzo[g,h,i]perylene	1	mg/kg	0.072	ND
Benzo[k]fluoranthene	1	mg/kg	0.072	ND
Chrysene	**1**	**mg/kg**	**0.072**	**0.076**
Dibenzo[a,h]anthracene	1	mg/kg	0.072	ND
Fluoranthene	**1**	**mg/kg**	**0.072**	**0.15**
Fluorene	1	mg/kg	0.072	ND
Indeno[1,2,3-cd]pyrene	1	mg/kg	0.072	ND
Naphthalene	1	mg/kg	0.072	ND
Phenanthrene	**1**	**mg/kg**	**0.072**	**0.093**
Pyrene	**1**	**mg/kg**	**0.072**	**0.13**
PCB 8082				
Aroclor (Total)	1	mg/kg	0.027	ND
Aroclor-1016	1	mg/kg	0.027	ND
Aroclor-1221	1	mg/kg	0.027	ND
Aroclor-1232	1	mg/kg	0.027	ND
Aroclor-1242	1	mg/kg	0.027	ND
Aroclor-1248	1	mg/kg	0.027	ND
Aroclor-1254	1	mg/kg	0.027	ND
Aroclor-1260	1	mg/kg	0.027	ND
Aroclor-1262	1	mg/kg	0.027	ND
Aroclor-1268	1	mg/kg	0.027	ND
TAL Metals 6010				
Aluminum	**100**	**mg/kg**	**220**	**1500**
Antimony	100	mg/kg	2.2	ND
Arsenic	**100**	**mg/kg**	**2.2**	**4.0**
Barium	100	mg/kg	11	ND
Beryllium	100	mg/kg	0.65	ND
Cadmium	100	mg/kg	0.65	ND
Calcium	100	mg/kg	1100	ND
Chromium	**100**	**mg/kg**	**5.4**	**6.2**
Cobalt	100	mg/kg	2.7	ND
Copper	100	mg/kg	5.4	ND
Iron	**100**	**mg/kg**	**220**	**11000**
Lead	100	mg/kg	5.4	ND
Magnesium	100	mg/kg	540	ND
Manganese	**100**	**mg/kg**	**11**	**14**
Nickel	100	mg/kg	5.4	ND
Potassium	100	mg/kg	540	ND
Selenium	100	mg/kg	1.9	ND
Silver	100	mg/kg	1.6	ND
Sodium	100	mg/kg	270	ND
Thallium	100	mg/kg	1.3	ND
Vanadium	**100**	**mg/kg**	**11**	**13**
Zinc	100	mg/kg	11	ND

Lab#: AC48729-002 Collection Date: 12/4/2009 Sample ID: SS01-B				
TestGroup/Analyte	DF	Units	RL	Result
% Solids SM2540G				
% Solids	1	percent		85
Mercury (Soil/Waste) 7471A				
Mercury	167	mg/kg	0.098	ND
PAH Compounds 8270				
Acenaphthene	1	mg/kg	0.078	ND
Acenaphthylene	1	mg/kg	0.078	ND
Anthracene	1	mg/kg	0.078	ND
Benzo[a]anthracene	1	mg/kg	0.078	ND
Benzo[a]pyrene	1	mg/kg	0.078	ND
Benzo[b]fluoranthene	1	mg/kg	0.078	ND
Benzo[g,h,i]perylene	1	mg/kg	0.078	ND
Benzo[k]fluoranthene	1	mg/kg	0.078	ND
Chrysene	1	mg/kg	0.078	ND
Dibenzo[a,h]anthracene	1	mg/kg	0.078	ND
Fluoranthene	1	mg/kg	0.078	ND
Fluorene	1	mg/kg	0.078	ND
Indeno[1,2,3-cd]pyrene	1	mg/kg	0.078	ND
Naphthalene	1	mg/kg	0.078	ND
Phenanthrene	1	mg/kg	0.078	ND
Pyrene	1	mg/kg	0.078	ND
PCB 8082				
Aroclor (Total)	1	mg/kg	0.029	ND
Aroclor-1016	1	mg/kg	0.029	ND
Aroclor-1221	1	mg/kg	0.029	ND
Aroclor-1232	1	mg/kg	0.029	ND
Aroclor-1242	1	mg/kg	0.029	ND
Aroclor-1248	1	mg/kg	0.029	ND
Aroclor-1254	1	mg/kg	0.029	ND
Aroclor-1260	1	mg/kg	0.029	ND
Aroclor-1262	1	mg/kg	0.029	ND
Aroclor-1268	1	mg/kg	0.029	ND
TAL Metals 6010				
Aluminum	**100**	**mg/kg**	**240**	**1100**
Antimony	100	mg/kg	2.4	ND
Arsenic	100	mg/kg	2.4	ND
Barium	100	mg/kg	12	ND
Beryllium	100	mg/kg	0.71	ND
Cadmium	100	mg/kg	0.71	ND
Calcium	100	mg/kg	1200	ND
Chromium	100	mg/kg	5.9	ND
Cobalt	100	mg/kg	2.9	ND
Copper	100	mg/kg	5.9	ND
Iron	**100**	**mg/kg**	**240**	**5200**
Lead	100	mg/kg	5.9	ND
Magnesium	100	mg/kg	590	ND
Manganese	100	mg/kg	12	ND
Nickel	100	mg/kg	5.9	ND
Potassium	100	mg/kg	590	ND
Selenium	100	mg/kg	2.1	ND
Silver	100	mg/kg	1.8	ND
Sodium	100	mg/kg	290	ND
Thallium	100	mg/kg	1.4	ND
Vanadium	100	mg/kg	12	ND
Zinc	100	mg/kg	12	ND

Lab#: AC48729-003 Collection Date: 12/4/2009 Sample ID: SS02-A				
TestGroup/Analyte	**DF**	**Units**	**RL**	**Result**
% Solids SM2540G				
% Solids	1	percent		92
Mercury (Soil/Waste) 7471A				
Mercury	167	mg/kg	0.091	ND
PAH Compounds 8270				
Acenaphthene	1	mg/kg	0.072	ND
Acenaphthylene	1	mg/kg	0.072	ND
Anthracene	1	mg/kg	0.072	ND
Benzo[a]anthracene	1	mg/kg	0.072	ND
Benzo[a]pyrene	1	mg/kg	0.072	ND
Benzo[b]fluoranthene	1	mg/kg	0.072	ND
Benzo[g,h,i]perylene	1	mg/kg	0.072	ND
Benzo[k]fluoranthene	1	mg/kg	0.072	ND
Chrysene	1	mg/kg	0.072	ND
Dibenzo[a,h]anthracene	1	mg/kg	0.072	ND
Fluoranthene	1	mg/kg	0.072	ND
Fluorene	1	mg/kg	0.072	ND
Indeno[1,2,3-cd]pyrene	1	mg/kg	0.072	ND
Naphthalene	1	mg/kg	0.072	ND
Phenanthrene	1	mg/kg	0.072	ND
Pyrene	1	mg/kg	0.072	ND
PCB 8082				
Aroclor (Total)	1	mg/kg	0.027	ND
Aroclor-1016	1	mg/kg	0.027	ND
Aroclor-1221	1	mg/kg	0.027	ND
Aroclor-1232	1	mg/kg	0.027	ND
Aroclor-1242	1	mg/kg	0.027	ND
Aroclor-1248	1	mg/kg	0.027	ND
Aroclor-1254	1	mg/kg	0.027	ND
Aroclor-1260	1	mg/kg	0.027	ND
Aroclor-1262	1	mg/kg	0.027	ND
Aroclor-1268	1	mg/kg	0.027	ND
TAL Metals 6010				
Aluminum	**100**	**mg/kg**	**220**	**1300**
Antimony	100	mg/kg	2.2	ND
Arsenic	**100**	**mg/kg**	**2.2**	**3.6**
Barium	100	mg/kg	11	ND
Beryllium	100	mg/kg	0.65	ND
Cadmium	100	mg/kg	0.65	ND
Calcium	100	mg/kg	1100	ND
Chromium	100	mg/kg	5.4	ND
Cobalt	100	mg/kg	2.7	ND
Copper	100	mg/kg	5.4	ND
Iron	**100**	**mg/kg**	**220**	**8200**
Lead	**100**	**mg/kg**	**5.4**	**6.5**
Magnesium	100	mg/kg	540	ND
Manganese	**100**	**mg/kg**	**11**	**14**
Nickel	100	mg/kg	5.4	ND
Potassium	100	mg/kg	540	ND
Selenium	100	mg/kg	2.0	ND
Silver	100	mg/kg	1.6	ND
Sodium	100	mg/kg	270	ND
Thallium	100	mg/kg	1.3	ND
Vanadium	100	mg/kg	11	ND
Zinc	100	mg/kg	11	ND

Lab#: AC48729-004 Collection Date: 12/4/2009 Sample ID: SS02-B				
TestGroup/Analyte	**DF**	**Units**	**RL**	**Result**
% Solids SM2540G				
% Solids	1	percent		87
Mercury (Soil/Waste) 7471A				
Mercury	167	mg/kg	0.096	ND
PAH Compounds 8270				
Acenaphthene	1	mg/kg	0.077	ND
Acenaphthylene	1	mg/kg	0.077	ND
Anthracene	1	mg/kg	0.077	ND
Benzo[a]anthracene	1	mg/kg	0.077	ND
Benzo[a]pyrene	1	mg/kg	0.077	ND
Benzo[b]fluoranthene	1	mg/kg	0.077	ND
Benzo[g,h,i]perylene	1	mg/kg	0.077	ND
Benzo[k]fluoranthene	1	mg/kg	0.077	ND
Chrysene	1	mg/kg	0.077	ND
Dibenzo[a,h]anthracene	1	mg/kg	0.077	ND
Fluoranthene	1	mg/kg	0.077	ND
Fluorene	1	mg/kg	0.077	ND
Indeno[1,2,3-cd]pyrene	1	mg/kg	0.077	ND
Naphthalene	1	mg/kg	0.077	ND
Phenanthrene	1	mg/kg	0.077	ND
Pyrene	1	mg/kg	0.077	ND
PCB 8082				
Aroclor (Total)	1	mg/kg	0.029	ND
Aroclor-1016	1	mg/kg	0.029	ND
Aroclor-1221	1	mg/kg	0.029	ND
Aroclor-1232	1	mg/kg	0.029	ND
Aroclor-1242	1	mg/kg	0.029	ND
Aroclor-1248	1	mg/kg	0.029	ND
Aroclor-1254	1	mg/kg	0.029	ND
Aroclor-1260	1	mg/kg	0.029	ND
Aroclor-1262	1	mg/kg	0.029	ND
Aroclor-1268	1	mg/kg	0.029	ND
TAL Metals 6010				
Aluminum	**100**	**mg/kg**	**230**	**3300**
Antimony	100	mg/kg	2.3	ND
Arsenic	**100**	**mg/kg**	**2.3**	**2.9**
Barium	100	mg/kg	11	ND
Beryllium	100	mg/kg	0.69	ND
Cadmium	100	mg/kg	0.69	ND
Calcium	100	mg/kg	1100	ND
Chromium	**100**	**mg/kg**	**5.7**	**7.1**
Cobalt	100	mg/kg	2.9	ND
Copper	100	mg/kg	5.7	ND
Iron	**100**	**mg/kg**	**230**	**8500**
Lead	100	mg/kg	5.7	ND
Magnesium	100	mg/kg	570	ND
Manganese	100	mg/kg	11	ND
Nickel	100	mg/kg	5.7	ND
Potassium	100	mg/kg	570	ND
Selenium	100	mg/kg	2.1	ND
Silver	100	mg/kg	1.7	ND
Sodium	100	mg/kg	290	ND
Thallium	100	mg/kg	1.4	ND
Vanadium	**100**	**mg/kg**	**11**	**12**
Zinc	100	mg/kg	11	ND

Lab#: AC48729-005 Collection Date: 12/4/2009 Sample ID: SS03-A				
TestGroup/Analyte	DF	Units	RL	Result
% Solids SM2540G				
% Solids	1	percent		94
Mercury (Soil/Waste) 7471A				
Mercury	167	mg/kg	0.089	ND
PAH Compounds 8270				
Acenaphthene	1	mg/kg	0.071	ND
Acenaphthylene	1	mg/kg	0.071	ND
Anthracene	1	mg/kg	0.071	ND
Benzo[a]anthracene	1	mg/kg	0.071	ND
Benzo[a]pyrene	1	mg/kg	0.071	ND
Benzo[b]fluoranthene	1	mg/kg	0.071	ND
Benzo[g,h,i]perylene	1	mg/kg	0.071	ND
Benzo[k]fluoranthene	1	mg/kg	0.071	ND
Chrysene	1	mg/kg	0.071	ND
Dibenzo[a,h]anthracene	1	mg/kg	0.071	ND
Fluoranthene	1	mg/kg	0.071	ND
Fluorene	1	mg/kg	0.071	ND
Indeno[1,2,3-cd]pyrene	1	mg/kg	0.071	ND
Naphthalene	1	mg/kg	0.071	ND
Phenanthrene	1	mg/kg	0.071	ND
Pyrene	1	mg/kg	0.071	ND
PCB 8082				
Aroclor (Total)	1	mg/kg	0.027	ND
Aroclor-1016	1	mg/kg	0.027	ND
Aroclor-1221	1	mg/kg	0.027	ND
Aroclor-1232	1	mg/kg	0.027	ND
Aroclor-1242	1	mg/kg	0.027	ND
Aroclor-1248	1	mg/kg	0.027	ND
Aroclor-1254	1	mg/kg	0.027	ND
Aroclor-1260	1	mg/kg	0.027	ND
Aroclor-1262	1	mg/kg	0.027	ND
Aroclor-1268	1	mg/kg	0.027	ND
TAL Metals 6010				
Aluminum	**100**	**mg/kg**	**210**	**2800**
Antimony	100	mg/kg	2.1	ND
Arsenic	**100**	**mg/kg**	**2.1**	**5.9**
Barium	100	mg/kg	11	ND
Beryllium	100	mg/kg	0.64	ND
Cadmium	100	mg/kg	0.64	ND
Calcium	100	mg/kg	1100	ND
Chromium	**100**	**mg/kg**	**5.3**	**9.4**
Cobalt	100	mg/kg	2.7	ND
Copper	**100**	**mg/kg**	**5.3**	**6.1**
Iron	**100**	**mg/kg**	**210**	**13000**
Lead	**100**	**mg/kg**	**5.3**	**47**
Magnesium	100	mg/kg	530	ND
Manganese	**100**	**mg/kg**	**11**	**33**
Nickel	100	mg/kg	5.3	ND
Potassium	**100**	**mg/kg**	**530**	**970**
Selenium	100	mg/kg	1.9	ND
Silver	100	mg/kg	1.6	ND
Sodium	100	mg/kg	270	ND
Thallium	100	mg/kg	1.3	ND
Vanadium	**100**	**mg/kg**	**11**	**19**
Zinc	**100**	**mg/kg**	**11**	**14**

Lab#: AC48729-006 Collection Date: 12/4/2009 Sample ID: SS03-B				
TestGroup/Analyte	DF	Units	RL	Result
% Solids SM2540G				
% Solids	1	percent		86
Mercury (Soil/Waste) 7471A				
Mercury	167	mg/kg	0.097	ND
PAH Compounds 8270				
Acenaphthene	1	mg/kg	0.078	ND
Acenaphthylene	1	mg/kg	0.078	ND
Anthracene	1	mg/kg	0.078	ND
Benzo[a]anthracene	1	mg/kg	0.078	ND
Benzo[a]pyrene	1	mg/kg	0.078	ND
Benzo[b]fluoranthene	1	mg/kg	0.078	ND
Benzo[g,h,i]perylene	1	mg/kg	0.078	ND
Benzo[k]fluoranthene	1	mg/kg	0.078	ND
Chrysene	1	mg/kg	0.078	ND
Dibenzo[a,h]anthracene	1	mg/kg	0.078	ND
Fluoranthene	1	mg/kg	0.078	ND
Fluorene	1	mg/kg	0.078	ND
Indeno[1,2,3-cd]pyrene	1	mg/kg	0.078	ND
Naphthalene	1	mg/kg	0.078	ND
Phenanthrene	1	mg/kg	0.078	ND
Pyrene	1	mg/kg	0.078	ND
PCB 8082				
Aroclor (Total)	1	mg/kg	0.029	ND
Aroclor-1016	1	mg/kg	0.029	ND
Aroclor-1221	1	mg/kg	0.029	ND
Aroclor-1232	1	mg/kg	0.029	ND
Aroclor-1242	1	mg/kg	0.029	ND
Aroclor-1248	1	mg/kg	0.029	ND
Aroclor-1254	1	mg/kg	0.029	ND
Aroclor-1260	1	mg/kg	0.029	ND
Aroclor-1262	1	mg/kg	0.029	ND
Aroclor-1268	1	mg/kg	0.029	ND
TAL Metals 6010				
Aluminum	**100**	**mg/kg**	**230**	**3600**
Antimony	100	mg/kg	2.3	ND
Arsenic	**100**	**mg/kg**	**2.3**	**4.3**
Barium	100	mg/kg	12	ND
Beryllium	**100**	**mg/kg**	**0.70**	**0.76**
Cadmium	100	mg/kg	0.70	ND
Calcium	100	mg/kg	1200	ND
Chromium	**100**	**mg/kg**	**5.8**	**9.8**
Cobalt	100	mg/kg	2.9	ND
Copper	100	mg/kg	5.8	ND
Iron	**100**	**mg/kg**	**230**	**44000**
Lead	100	mg/kg	5.8	ND
Magnesium	100	mg/kg	580	ND
Manganese	100	mg/kg	12	ND
Nickel	100	mg/kg	5.8	ND
Potassium	100	mg/kg	580	ND
Selenium	100	mg/kg	2.1	ND
Silver	100	mg/kg	1.7	ND
Sodium	100	mg/kg	290	ND
Thallium	100	mg/kg	1.4	ND
Vanadium	**100**	**mg/kg**	**12**	**15**
Zinc	100	mg/kg	12	ND

Lab#: AC48729-007 Collection Date: 12/4/2009 Sample ID: SS04-A				
TestGroup/Analyte	DF	Units	RL	Result
% Solids SM2540G				
% Solids	1	percent		92
Mercury (Soil/Waste) 7471A				
Mercury	167	mg/kg	0.091	ND
PAH Compounds 8270				
Acenaphthene	1	mg/kg	0.072	ND
Acenaphthylene	1	mg/kg	0.072	ND
Anthracene	1	mg/kg	0.072	ND
Benzo[a]anthracene	1	mg/kg	0.072	0.15
Benzo[a]pyrene	1	mg/kg	0.072	0.13
Benzo[b]fluoranthene	1	mg/kg	0.072	0.18
Benzo[g,h,i]perylene	1	mg/kg	0.072	0.087
Benzo[k]fluoranthene	1	mg/kg	0.072	ND
Chrysene	1	mg/kg	0.072	0.15
Dibenzo[a,h]anthracene	1	mg/kg	0.072	ND
Fluoranthene	1	mg/kg	0.072	0.26
Fluorene	1	mg/kg	0.072	ND
Indeno[1,2,3-cd]pyrene	1	mg/kg	0.072	0.078
Naphthalene	1	mg/kg	0.072	ND
Phenanthrene	1	mg/kg	0.072	ND
Pyrene	1	mg/kg	0.072	0.24
PCB 8082				
Aroclor (Total)	1	mg/kg	0.027	ND
Aroclor-1016	1	mg/kg	0.027	ND
Aroclor-1221	1	mg/kg	0.027	ND
Aroclor-1232	1	mg/kg	0.027	ND
Aroclor-1242	1	mg/kg	0.027	ND
Aroclor-1248	1	mg/kg	0.027	ND
Aroclor-1254	1	mg/kg	0.027	ND
Aroclor-1260	1	mg/kg	0.027	ND
Aroclor-1262	1	mg/kg	0.027	ND
Aroclor-1268	1	mg/kg	0.027	ND
pH (SM4500-H+ B-00)				
SPLP PH	1	ph units		5.3
SPLP Metals 6010				
Manganese	1	mg/l	0.20	ND
SPLP Metals Extraction				
SPLP Metals Extraction	1			complete
SPLP VOLUMES				
SPLP Final Volume	1	ml		2000
SPLP Initial Weight	1	grams		100
TAL Metals 6010				
Aluminum	100	mg/kg	220	2900
Antimony	100	mg/kg	2.2	ND
Arsenic	100	mg/kg	2.2	6.4
Barium	100	mg/kg	11	15
Beryllium	100	mg/kg	0.65	ND
Cadmium	100	mg/kg	0.65	ND
Calcium	100	mg/kg	1100	3700
Chromium	100	mg/kg	5.4	11
Cobalt	100	mg/kg	2.7	ND
Copper	100	mg/kg	5.4	6.7
Iron	100	mg/kg	220	14000
Lead	100	mg/kg	5.4	13
Magnesium	100	mg/kg	540	690
Manganese	100	mg/kg	11	62
Nickel	100	mg/kg	5.4	ND
Potassium	100	mg/kg	540	770
Selenium	100	mg/kg	2.0	ND
Silver	100	mg/kg	1.6	ND
Sodium	100	mg/kg	270	ND
Thallium	100	mg/kg	1.3	ND
Vanadium	100	mg/kg	11	17
Zinc	100	mg/kg	11	18

Lab#: AC48729-008 Collection Date: 12/4/2009 Sample ID: SS04-B				
TestGroup/Analyte	DF	Units	RL	Result
% Solids SM2540G				
% Solids	1	percent		95
Mercury (Soil/Waste) 7471A				
Mercury	167	mg/kg	0.088	ND
PAH Compounds 8270				
Acenaphthene	1	mg/kg	0.070	ND
Acenaphthylene	1	mg/kg	0.070	ND
Anthracene	1	mg/kg	0.070	ND
Benzo[a]anthracene	1	mg/kg	0.070	ND
Benzo[a]pyrene	1	mg/kg	0.070	ND
Benzo[b]fluoranthene	1	mg/kg	0.070	ND
Benzo[g,h,i]perylene	1	mg/kg	0.070	ND
Benzo[k]fluoranthene	1	mg/kg	0.070	ND
Chrysene	1	mg/kg	0.070	ND
Dibenzo[a,h]anthracene	1	mg/kg	0.070	ND
Fluoranthene	1	mg/kg	0.070	ND
Fluorene	1	mg/kg	0.070	ND
Indeno[1,2,3-cd]pyrene	1	mg/kg	0.070	ND
Naphthalene	1	mg/kg	0.070	ND
Phenanthrene	1	mg/kg	0.070	ND
Pyrene	1	mg/kg	0.070	ND
PCB 8082				
Aroclor (Total)	1	mg/kg	0.026	ND
Aroclor-1016	1	mg/kg	0.026	ND
Aroclor-1221	1	mg/kg	0.026	ND
Aroclor-1232	1	mg/kg	0.026	ND
Aroclor-1242	1	mg/kg	0.026	ND
Aroclor-1248	1	mg/kg	0.026	ND
Aroclor-1254	1	mg/kg	0.026	ND
Aroclor-1260	1	mg/kg	0.026	ND
Aroclor-1262	1	mg/kg	0.026	ND
Aroclor-1268	1	mg/kg	0.026	ND
TAL Metals 6010				
Aluminum	100	mg/kg	210	1800
Antimony	100	mg/kg	2.1	ND
Arsenic	100	mg/kg	2.1	5.8
Barium	100	mg/kg	11	ND
Beryllium	100	mg/kg	0.63	ND
Cadmium	100	mg/kg	0.63	ND
Calcium	100	mg/kg	1100	ND
Chromium	100	mg/kg	5.3	8.1
Cobalt	100	mg/kg	2.6	ND
Copper	100	mg/kg	5.3	ND
Iron	100	mg/kg	210	14000
Lead	100	mg/kg	5.3	ND
Magnesium	100	mg/kg	530	ND
Manganese	100	mg/kg	11	ND
Nickel	100	mg/kg	5.3	ND
Potassium	100	mg/kg	530	730
Selenium	100	mg/kg	1.9	ND
Silver	100	mg/kg	1.6	ND
Sodium	100	mg/kg	260	ND
Thallium	100	mg/kg	1.3	ND
Vanadium	100	mg/kg	11	16
Zinc	100	mg/kg	11	ND

Lab#: AC48729-009 Collection Date: 12/4/2009 Sample ID: SS05-A				
TestGroup/Analyte	DF	Units	RL	Result
% Solids SM2540G				
% Solids	1	percent		93
Mercury (Soil/Waste) 7471A				
Mercury	167	mg/kg	0.090	ND
PAH Compounds 8270				
Acenaphthene	1	mg/kg	0.072	ND
Acenaphthylene	1	mg/kg	0.072	ND
Anthracene	1	mg/kg	0.072	ND
Benzo[a]anthracene	1	mg/kg	0.072	ND
Benzo[a]pyrene	1	mg/kg	0.072	ND
Benzo[b]fluoranthene	1	mg/kg	0.072	ND
Benzo[g,h,i]perylene	1	mg/kg	0.072	ND
Benzo[k]fluoranthene	1	mg/kg	0.072	ND
Chrysene	1	mg/kg	0.072	ND
Dibenzo[a,h]anthracene	1	mg/kg	0.072	ND
Fluoranthene	1	mg/kg	0.072	ND
Fluorene	1	mg/kg	0.072	ND
Indeno[1,2,3-cd]pyrene	1	mg/kg	0.072	ND
Naphthalene	1	mg/kg	0.072	ND
Phenanthrene	1	mg/kg	0.072	ND
Pyrene	1	mg/kg	0.072	ND
PCB 8082				
Aroclor (Total)	1	mg/kg	0.027	ND
Aroclor-1016	1	mg/kg	0.027	ND
Aroclor-1221	1	mg/kg	0.027	ND
Aroclor-1232	1	mg/kg	0.027	ND
Aroclor-1242	1	mg/kg	0.027	ND
Aroclor-1248	1	mg/kg	0.027	ND
Aroclor-1254	1	mg/kg	0.027	ND
Aroclor-1260	1	mg/kg	0.027	ND
Aroclor-1262	1	mg/kg	0.027	ND
Aroclor-1268	1	mg/kg	0.027	ND
TAL Metals 6010				
Aluminum	**100**	**mg/kg**	**220**	**2000**
Antimony	100	mg/kg	2.2	ND
Arsenic	**100**	**mg/kg**	**2.2**	**5.2**
Barium	100	mg/kg	11	ND
Beryllium	100	mg/kg	0.65	ND
Cadmium	100	mg/kg	0.65	ND
Calcium	100	mg/kg	1100	ND
Chromium	**100**	**mg/kg**	**5.4**	**8.3**
Cobalt	100	mg/kg	2.7	ND
Copper	100	mg/kg	5.4	ND
Iron	**100**	**mg/kg**	**220**	**12000**
Lead	**100**	**mg/kg**	**5.4**	**8.1**
Magnesium	100	mg/kg	540	ND
Manganese	**100**	**mg/kg**	**11**	**27**
Nickel	100	mg/kg	5.4	ND
Potassium	**100**	**mg/kg**	**540**	**540**
Selenium	100	mg/kg	1.9	ND
Silver	100	mg/kg	1.6	ND
Sodium	100	mg/kg	270	ND
Thallium	100	mg/kg	1.3	ND
Vanadium	**100**	**mg/kg**	**11**	**16**
Zinc	**100**	**mg/kg**	**11**	**20**

Lab#: AC48729-010 Collection Date: 12/4/2009 Sample ID: SS05-B				
TestGroup/Analyte	DF	Units	RL	Result
% Solids SM2540G				
% Solids	1	percent		92
Mercury (Soil/Waste) 7471A				
Mercury	167	mg/kg	0.091	ND
PAH Compounds 8270				
Acenaphthene	1	mg/kg	0.072	ND
Acenaphthylene	1	mg/kg	0.072	ND
Anthracene	1	mg/kg	0.072	ND
Benzo[a]anthracene	1	mg/kg	0.072	ND
Benzo[a]pyrene	1	mg/kg	0.072	ND
Benzo[b]fluoranthene	1	mg/kg	0.072	ND
Benzo[g,h,i]perylene	1	mg/kg	0.072	ND
Benzo[k]fluoranthene	1	mg/kg	0.072	ND
Chrysene	1	mg/kg	0.072	ND
Dibenzo[a,h]anthracene	1	mg/kg	0.072	ND
Fluoranthene	1	mg/kg	0.072	ND
Fluorene	1	mg/kg	0.072	ND
Indeno[1,2,3-cd]pyrene	1	mg/kg	0.072	ND
Naphthalene	1	mg/kg	0.072	ND
Phenanthrene	1	mg/kg	0.072	ND
Pyrene	1	mg/kg	0.072	ND
PCB 8082				
Aroclor (Total)	1	mg/kg	0.027	ND
Aroclor-1016	1	mg/kg	0.027	ND
Aroclor-1221	1	mg/kg	0.027	ND
Aroclor-1232	1	mg/kg	0.027	ND
Aroclor-1242	1	mg/kg	0.027	ND
Aroclor-1248	1	mg/kg	0.027	ND
Aroclor-1254	1	mg/kg	0.027	ND
Aroclor-1260	1	mg/kg	0.027	ND
Aroclor-1262	1	mg/kg	0.027	ND
Aroclor-1268	1	mg/kg	0.027	ND
TAL Metals 6010				
Aluminum	**100**	**mg/kg**	**220**	**2300**
Antimony	100	mg/kg	2.2	ND
Arsenic	**100**	**mg/kg**	**2.2**	**7.7**
Barium	100	mg/kg	11	ND
Beryllium	100	mg/kg	0.65	ND
Cadmium	100	mg/kg	0.65	ND
Calcium	100	mg/kg	1100	ND
Chromium	**100**	**mg/kg**	**5.4**	**12**
Cobalt	100	mg/kg	2.7	ND
Copper	100	mg/kg	5.4	ND
Iron	**100**	**mg/kg**	**220**	**22000**
Lead	100	mg/kg	5.4	ND
Magnesium	100	mg/kg	540	ND
Manganese	**100**	**mg/kg**	**11**	**14**
Nickel	100	mg/kg	5.4	ND
Potassium	100	mg/kg	540	ND
Selenium	100	mg/kg	2.0	ND
Silver	100	mg/kg	1.6	ND
Sodium	100	mg/kg	270	ND
Thallium	100	mg/kg	1.3	ND
Vanadium	100	mg/kg	11	ND
Zinc	100	mg/kg	11	ND

Lab#: AC48729-011 Collection Date: 12/4/2009 Sample ID: SS06-A				
TestGroup/Analyte	DF	Units	RL	Result
% Solids SM2540G				
% Solids	1	percent		95
Mercury (Soil/Waste) 7471A				
Mercury	167	mg/kg	0.088	ND
PAH Compounds 8270				
Acenaphthene	1	mg/kg	0.070	ND
Acenaphthylene	1	mg/kg	0.070	ND
Anthracene	1	mg/kg	0.070	ND
Benzo[a]anthracene	1	mg/kg	0.070	ND
Benzo[a]pyrene	1	mg/kg	0.070	ND
Benzo[b]fluoranthene	1	mg/kg	0.070	ND
Benzo[g,h,i]perylene	1	mg/kg	0.070	ND
Benzo[k]fluoranthene	1	mg/kg	0.070	ND
Chrysene	1	mg/kg	0.070	ND
Dibenzo[a,h]anthracene	1	mg/kg	0.070	ND
Fluoranthene	1	mg/kg	0.070	ND
Fluorene	1	mg/kg	0.070	ND
Indeno[1,2,3-cd]pyrene	1	mg/kg	0.070	ND
Naphthalene	1	mg/kg	0.070	ND
Phenanthrene	1	mg/kg	0.070	ND
Pyrene	1	mg/kg	0.070	ND
PCB 8082				
Aroclor (Total)	1	mg/kg	0.026	ND
Aroclor-1016	1	mg/kg	0.026	ND
Aroclor-1221	1	mg/kg	0.026	ND
Aroclor-1232	1	mg/kg	0.026	ND
Aroclor-1242	1	mg/kg	0.026	ND
Aroclor-1248	1	mg/kg	0.026	ND
Aroclor-1254	1	mg/kg	0.026	ND
Aroclor-1260	1	mg/kg	0.026	ND
Aroclor-1262	1	mg/kg	0.026	ND
Aroclor-1268	1	mg/kg	0.026	ND
TAL Metals 6010				
Aluminum	**100**	**mg/kg**	**210**	**1200**
Antimony	100	mg/kg	2.1	ND
Arsenic	**100**	**mg/kg**	**2.1**	**3.0**
Barium	100	mg/kg	11	ND
Beryllium	100	mg/kg	0.53	ND
Cadmium	100	mg/kg	0.53	ND
Calcium	100	mg/kg	1100	ND
Chromium	100	mg/kg	5.3	ND
Cobalt	100	mg/kg	2.6	ND
Copper	100	mg/kg	5.3	ND
Iron	**100**	**mg/kg**	**210**	**6200**
Lead	**100**	**mg/kg**	**5.3**	**9.2**
Magnesium	100	mg/kg	530	ND
Manganese	**100**	**mg/kg**	**11**	**22**
Nickel	100	mg/kg	5.3	ND
Potassium	100	mg/kg	530	ND
Selenium	100	mg/kg	1.9	ND
Silver	100	mg/kg	1.6	ND
Sodium	100	mg/kg	260	ND
Thallium	100	mg/kg	1.3	ND
Vanadium	100	mg/kg	11	ND
Zinc	100	mg/kg	11	ND

Lab#: AC48729-012 Collection Date: 12/4/2009 Sample ID: SS06-B				
TestGroup/Analyte	DF	Units	RL	Result
% Solids SM2540G				
% Solids	1	percent		93
Mercury (Soil/Waste) 7471A				
Mercury	167	mg/kg	0.090	ND
PAH Compounds 8270				
Acenaphthene	1	mg/kg	0.072	ND
Acenaphthylene	1	mg/kg	0.072	ND
Anthracene	1	mg/kg	0.072	ND
Benzo[a]anthracene	1	mg/kg	0.072	ND
Benzo[a]pyrene	1	mg/kg	0.072	ND
Benzo[b]fluoranthene	1	mg/kg	0.072	ND
Benzo[g,h,i]perylene	1	mg/kg	0.072	ND
Benzo[k]fluoranthene	1	mg/kg	0.072	ND
Chrysene	1	mg/kg	0.072	ND
Dibenzo[a,h]anthracene	1	mg/kg	0.072	ND
Fluoranthene	1	mg/kg	0.072	ND
Fluorene	1	mg/kg	0.072	ND
Indeno[1,2,3-cd]pyrene	1	mg/kg	0.072	ND
Naphthalene	1	mg/kg	0.072	ND
Phenanthrene	1	mg/kg	0.072	ND
Pyrene	1	mg/kg	0.072	ND
PCB 8082				
Aroclor (Total)	1	mg/kg	0.027	ND
Aroclor-1016	1	mg/kg	0.027	ND
Aroclor-1221	1	mg/kg	0.027	ND
Aroclor-1232	1	mg/kg	0.027	ND
Aroclor-1242	1	mg/kg	0.027	ND
Aroclor-1248	1	mg/kg	0.027	ND
Aroclor-1254	1	mg/kg	0.027	ND
Aroclor-1260	1	mg/kg	0.027	ND
Aroclor-1262	1	mg/kg	0.027	ND
Aroclor-1268	1	mg/kg	0.027	ND
TAL Metals 6010				
Aluminum	**100**	**mg/kg**	**220**	**1700**
Antimony	100	mg/kg	2.2	ND
Arsenic	100	mg/kg	2.2	ND
Barium	100	mg/kg	11	ND
Beryllium	100	mg/kg	0.65	ND
Cadmium	100	mg/kg	0.65	ND
Calcium	100	mg/kg	1100	ND
Chromium	100	mg/kg	5.4	ND
Cobalt	100	mg/kg	2.7	ND
Copper	100	mg/kg	5.4	ND
Iron	**100**	**mg/kg**	**220**	**7700**
Lead	100	mg/kg	5.4	ND
Magnesium	100	mg/kg	540	ND
Manganese	100	mg/kg	11	ND
Nickel	100	mg/kg	5.4	ND
Potassium	100	mg/kg	540	ND
Selenium	100	mg/kg	1.9	ND
Silver	100	mg/kg	1.6	ND
Sodium	100	mg/kg	270	ND
Thallium	100	mg/kg	1.3	ND
Vanadium	100	mg/kg	11	ND
Zinc	100	mg/kg	11	ND

Lab#: AC48729-013 Collection Date: 12/4/2009 Sample ID: SS07-A				
TestGroup/Analyte	DF	Units	RL	Result
% Solids SM2540G				
% Solids	1	percent		92
Mercury (Soil/Waste) 7471A				
Mercury	167	mg/kg	0.091	ND
PAH Compounds 8270				
Acenaphthene	1	mg/kg	0.072	ND
Acenaphthylene	1	mg/kg	0.072	ND
Anthracene	1	mg/kg	0.072	ND
Benzo[a]anthracene	1	mg/kg	0.072	ND
Benzo[a]pyrene	1	mg/kg	0.072	ND
Benzo[b]fluoranthene	1	mg/kg	0.072	ND
Benzo[g,h,i]perylene	1	mg/kg	0.072	ND
Benzo[k]fluoranthene	1	mg/kg	0.072	ND
Chrysene	1	mg/kg	0.072	ND
Dibenzo[a,h]anthracene	1	mg/kg	0.072	ND
Fluoranthene	1	mg/kg	0.072	ND
Fluorene	1	mg/kg	0.072	ND
Indeno[1,2,3-cd]pyrene	1	mg/kg	0.072	ND
Naphthalene	1	mg/kg	0.072	ND
Phenanthrene	1	mg/kg	0.072	ND
Pyrene	1	mg/kg	0.072	ND
PCB 8082				
Aroclor (Total)	1	mg/kg	0.027	ND
Aroclor-1016	1	mg/kg	0.027	ND
Aroclor-1221	1	mg/kg	0.027	ND
Aroclor-1232	1	mg/kg	0.027	ND
Aroclor-1242	1	mg/kg	0.027	ND
Aroclor-1248	1	mg/kg	0.027	ND
Aroclor-1254	1	mg/kg	0.027	ND
Aroclor-1260	1	mg/kg	0.027	ND
Aroclor-1262	1	mg/kg	0.027	ND
Aroclor-1268	1	mg/kg	0.027	ND
TAL Metals 6010				
Aluminum	**100**	**mg/kg**	**220**	**1200**
Antimony	100	mg/kg	2.2	ND
Arsenic	**100**	**mg/kg**	**2.2**	**2.9**
Barium	**100**	**mg/kg**	**11**	**13**
Beryllium	100	mg/kg	0.65	ND
Cadmium	100	mg/kg	0.65	ND
Calcium	100	mg/kg	1100	ND
Chromium	**100**	**mg/kg**	**5.4**	**16**
Cobalt	100	mg/kg	2.7	ND
Copper	**100**	**mg/kg**	**5.4**	**14**
Iron	**100**	**mg/kg**	**220**	**6000**
Lead	**100**	**mg/kg**	**5.4**	**13**
Magnesium	100	mg/kg	540	ND
Manganese	**100**	**mg/kg**	**11**	**25**
Nickel	**100**	**mg/kg**	**5.4**	**7.8**
Potassium	100	mg/kg	540	ND
Selenium	100	mg/kg	2.0	ND
Silver	100	mg/kg	1.6	ND
Sodium	100	mg/kg	270	ND
Thallium	100	mg/kg	1.3	ND
Vanadium	100	mg/kg	11	ND
Zinc	100	mg/kg	11	ND

Lab#: AC48729-014 Collection Date: 12/4/2009 Sample ID: SS07-B				
TestGroup/Analyte	DF	Units	RL	Result
% Solids SM2540G				
% Solids	1	percent		94
Mercury (Soil/Waste) 7471A				
Mercury	167	mg/kg	0.089	ND
PAH Compounds 8270				
Acenaphthene	1	mg/kg	0.071	ND
Acenaphthylene	1	mg/kg	0.071	ND
Anthracene	1	mg/kg	0.071	ND
Benzo[a]anthracene	1	mg/kg	0.071	ND
Benzo[a]pyrene	1	mg/kg	0.071	ND
Benzo[b]fluoranthene	1	mg/kg	0.071	ND
Benzo[g,h,i]perylene	1	mg/kg	0.071	ND
Benzo[k]fluoranthene	1	mg/kg	0.071	ND
Chrysene	1	mg/kg	0.071	ND
Dibenzo[a,h]anthracene	1	mg/kg	0.071	ND
Fluoranthene	1	mg/kg	0.071	ND
Fluorene	1	mg/kg	0.071	ND
Indeno[1,2,3-cd]pyrene	1	mg/kg	0.071	ND
Naphthalene	1	mg/kg	0.071	ND
Phenanthrene	1	mg/kg	0.071	ND
Pyrene	1	mg/kg	0.071	ND
PCB 8082				
Aroclor (Total)	1	mg/kg	0.027	ND
Aroclor-1016	1	mg/kg	0.027	ND
Aroclor-1221	1	mg/kg	0.027	ND
Aroclor-1232	1	mg/kg	0.027	ND
Aroclor-1242	1	mg/kg	0.027	ND
Aroclor-1248	1	mg/kg	0.027	ND
Aroclor-1254	1	mg/kg	0.027	ND
Aroclor-1260	1	mg/kg	0.027	ND
Aroclor-1262	1	mg/kg	0.027	ND
Aroclor-1268	1	mg/kg	0.027	ND
TAL Metals 6010				
Aluminum	**100**	**mg/kg**	**210**	**1800**
Antimony	100	mg/kg	2.1	ND
Arsenic	100	mg/kg	2.1	ND
Barium	100	mg/kg	11	ND
Beryllium	100	mg/kg	0.64	ND
Cadmium	100	mg/kg	0.64	ND
Calcium	100	mg/kg	1100	ND
Chromium	100	mg/kg	5.3	ND
Cobalt	100	mg/kg	2.7	ND
Copper	100	mg/kg	5.3	ND
Iron	**100**	**mg/kg**	**210**	**5200**
Lead	100	mg/kg	5.3	ND
Magnesium	100	mg/kg	530	ND
Manganese	100	mg/kg	11	ND
Nickel	100	mg/kg	5.3	ND
Potassium	100	mg/kg	530	ND
Selenium	100	mg/kg	1.9	ND
Silver	100	mg/kg	1.6	ND
Sodium	100	mg/kg	270	ND
Thallium	100	mg/kg	1.3	ND
Vanadium	100	mg/kg	11	ND
Zinc	100	mg/kg	11	ND

Lab#: AC48729-015 Collection Date: 12/4/2009 Sample ID: SS08-A				
TestGroup/Analyte	DF	Units	RL	Result
% Solids SM2540G				
% Solids	1	percent		95
Mercury (Soil/Waste) 7471A				
Mercury	167	mg/kg	0.088	ND
PAH Compounds 8270				
Acenaphthene	1	mg/kg	0.070	ND
Acenaphthylene	1	mg/kg	0.070	ND
Anthracene	1	mg/kg	0.070	ND
Benzo[a]anthracene	1	mg/kg	0.070	ND
Benzo[a]pyrene	1	mg/kg	0.070	ND
Benzo[b]fluoranthene	1	mg/kg	0.070	ND
Benzo[g,h,i]perylene	1	mg/kg	0.070	ND
Benzo[k]fluoranthene	1	mg/kg	0.070	ND
Chrysene	1	mg/kg	0.070	ND
Dibenzo[a,h]anthracene	1	mg/kg	0.070	ND
Fluoranthene	1	mg/kg	0.070	ND
Fluorene	1	mg/kg	0.070	ND
Indeno[1,2,3-cd]pyrene	1	mg/kg	0.070	ND
Naphthalene	1	mg/kg	0.070	ND
Phenanthrene	1	mg/kg	0.070	ND
Pyrene	1	mg/kg	0.070	ND
PCB 8082				
Aroclor (Total)	1	mg/kg	0.026	ND
Aroclor-1016	1	mg/kg	0.026	ND
Aroclor-1221	1	mg/kg	0.026	ND
Aroclor-1232	1	mg/kg	0.026	ND
Aroclor-1242	1	mg/kg	0.026	ND
Aroclor-1248	1	mg/kg	0.026	ND
Aroclor-1254	1	mg/kg	0.026	ND
Aroclor-1260	1	mg/kg	0.026	ND
Aroclor-1262	1	mg/kg	0.026	ND
Aroclor-1268	1	mg/kg	0.026	ND
TAL Metals 6010				
Aluminum	**100**	**mg/kg**	**210**	**940**
Antimony	100	mg/kg	2.1	ND
Arsenic	**100**	**mg/kg**	**2.1**	**3.0**
Barium	100	mg/kg	11	ND
Beryllium	100	mg/kg	0.63	ND
Cadmium	100	mg/kg	0.63	ND
Calcium	100	mg/kg	1100	ND
Chromium	100	mg/kg	5.3	ND
Cobalt	100	mg/kg	2.6	ND
Copper	100	mg/kg	5.3	ND
Iron	**100**	**mg/kg**	**210**	**6000**
Lead	**100**	**mg/kg**	**5.3**	**5.6**
Magnesium	100	mg/kg	530	ND
Manganese	**100**	**mg/kg**	**11**	**33**
Nickel	100	mg/kg	5.3	ND
Potassium	100	mg/kg	530	ND
Selenium	100	mg/kg	1.9	ND
Silver	100	mg/kg	1.6	ND
Sodium	100	mg/kg	260	ND
Thallium	100	mg/kg	1.3	ND
Vanadium	100	mg/kg	11	ND
Zinc	**100**	**mg/kg**	**11**	**26**

Lab#: AC48729-016 Collection Date: 12/4/2009 Sample ID: SS08-B				
TestGroup/Analyte	DF	Units	RL	Result
% Solids SM2540G				
% Solids	1	percent		68
Mercury (Soil/Waste) 7471A				
Mercury	167	mg/kg	0.12	ND
PAH Compounds 8270				
Acenaphthene	1	mg/kg	0.099	ND
Acenaphthylene	1	mg/kg	0.099	ND
Anthracene	1	mg/kg	0.099	ND
Benzo[a]anthracene	1	mg/kg	0.099	ND
Benzo[a]pyrene	1	mg/kg	0.099	ND
Benzo[b]fluoranthene	1	mg/kg	0.099	ND
Benzo[g,h,i]perylene	1	mg/kg	0.099	ND
Benzo[k]fluoranthene	1	mg/kg	0.099	ND
Chrysene	1	mg/kg	0.099	ND
Dibenzo[a,h]anthracene	1	mg/kg	0.099	ND
Fluoranthene	1	mg/kg	0.099	ND
Fluorene	1	mg/kg	0.099	ND
Indeno[1,2,3-cd]pyrene	1	mg/kg	0.099	ND
Naphthalene	1	mg/kg	0.099	ND
Phenanthrene	1	mg/kg	0.099	ND
Pyrene	1	mg/kg	0.099	ND
PCB 8082				
Aroclor (Total)	1	mg/kg	0.037	ND
Aroclor-1016	1	mg/kg	0.037	ND
Aroclor-1221	1	mg/kg	0.037	ND
Aroclor-1232	1	mg/kg	0.037	ND
Aroclor-1242	1	mg/kg	0.037	ND
Aroclor-1248	1	mg/kg	0.037	ND
Aroclor-1254	1	mg/kg	0.037	ND
Aroclor-1260	1	mg/kg	0.037	ND
Aroclor-1262	1	mg/kg	0.037	ND
Aroclor-1268	1	mg/kg	0.037	ND
TAL Metals 6010				
Aluminum	**100**	**mg/kg**	**290**	**2800**
Antimony	100	mg/kg	2.9	ND
Arsenic	**100**	**mg/kg**	**2.9**	**4.2**
Barium	100	mg/kg	15	ND
Beryllium	100	mg/kg	0.88	ND
Cadmium	100	mg/kg	0.88	ND
Calcium	100	mg/kg	1500	ND
Chromium	**100**	**mg/kg**	**7.4**	**8.9**
Cobalt	100	mg/kg	3.7	ND
Copper	100	mg/kg	7.4	ND
Iron	**100**	**mg/kg**	**290**	**9200**
Lead	100	mg/kg	7.4	ND
Magnesium	100	mg/kg	740	ND
Manganese	100	mg/kg	15	ND
Nickel	100	mg/kg	7.4	ND
Potassium	100	mg/kg	740	ND
Selenium	100	mg/kg	2.6	ND
Silver	100	mg/kg	2.2	ND
Sodium	100	mg/kg	370	ND
Thallium	100	mg/kg	1.8	ND
Vanadium	100	mg/kg	15	ND
Zinc	100	mg/kg	15	ND

Lab#: AC48729-017 Collection Date: 12/4/2009 Sample ID: FB				
TestGroup/Analyte	DF	Units	RL	Result
Mercury (Water) 7470A				
Mercury	1	ug/l	0.50	ND
PAH Compounds 8270				
Acenaphthene	1	ug/l	2.1	ND
Acenaphthylene	1	ug/l	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/l	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,h]anthracene	1	ug/l	2.1	ND
Fluoranthene	1	ug/l	2.1	ND
Fluorene	1	ug/l	2.1	ND
Indeno[1,2,3-cd]pyrene	1	ug/l	2.1	ND
Naphthalene	1	ug/l	2.1	ND
Phenanthrene	1	ug/l	2.1	ND
Pyrene	1	ug/l	2.1	ND
PCB 8082				
Aroclor (Total)	1	ug/l	0.26	ND
Aroclor-1016	1	ug/l	0.26	ND
Aroclor-1221	1	ug/l	0.26	ND
Aroclor-1232	1	ug/l	0.26	ND
Aroclor-1242	1	ug/l	0.26	ND
Aroclor-1248	1	ug/l	0.26	ND
Aroclor-1254	1	ug/l	0.26	ND
Aroclor-1260	1	ug/l	0.26	ND
Aroclor-1262	1	ug/l	0.26	ND
Aroclor 1268	1	ug/l	0.26	ND
TAL Metals 6010				
Aluminum	1	ug/l	2000	ND
Antimony	1	ug/l	20	ND
Arsenic	1	ug/l	20	ND
Barium	1	ug/l	100	ND
Beryllium	1	ug/l	6.0	ND
Cadmium	1	ug/l	6.0	ND
Calcium	1	ug/l	10000	ND
Chromium	1	ug/l	50	ND
Cobalt	1	ug/l	25	ND
Copper	1	ug/l	50	ND
Iron	1	ug/l	2000	ND
Lead	1	ug/l	50	ND
Magnesium	1	ug/l	5000	ND
Manganese	1	ug/l	100	ND
Nickel	1	ug/l	50	ND
Potassium	1	ug/l	5000	ND
Selenium	1	ug/l	18	ND
Silver	1	ug/l	15	ND
Sodium	1	ug/l	2500	ND
Thallium	1	ug/l	12	ND
Vanadium	1	ug/l	100	ND
Zinc	1	ug/l	100	ND

Form1

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
83-32-9	Acenaphthene	2.0	U	218-01-9	Chrysene	2.0	U
208-96-8	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-cd]pyrene	2.0	U
205-99-2	Benzo[b]fluoranthene	2.0	U	91-20-3	Naphthalene	2.0	U
191-24-2	Benzo[g,h,i]perylene	2.0	U	85-01-8	Phenanthrene	2.0	U
207-08-9	Benzo[k]fluoranthene	2.0	U	129-00-0	Pyrene	2.0	U

Worksheet #: 138424

Total Target Concentration 0

ColumnID: (^) Indicates results from 2nd column

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 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)

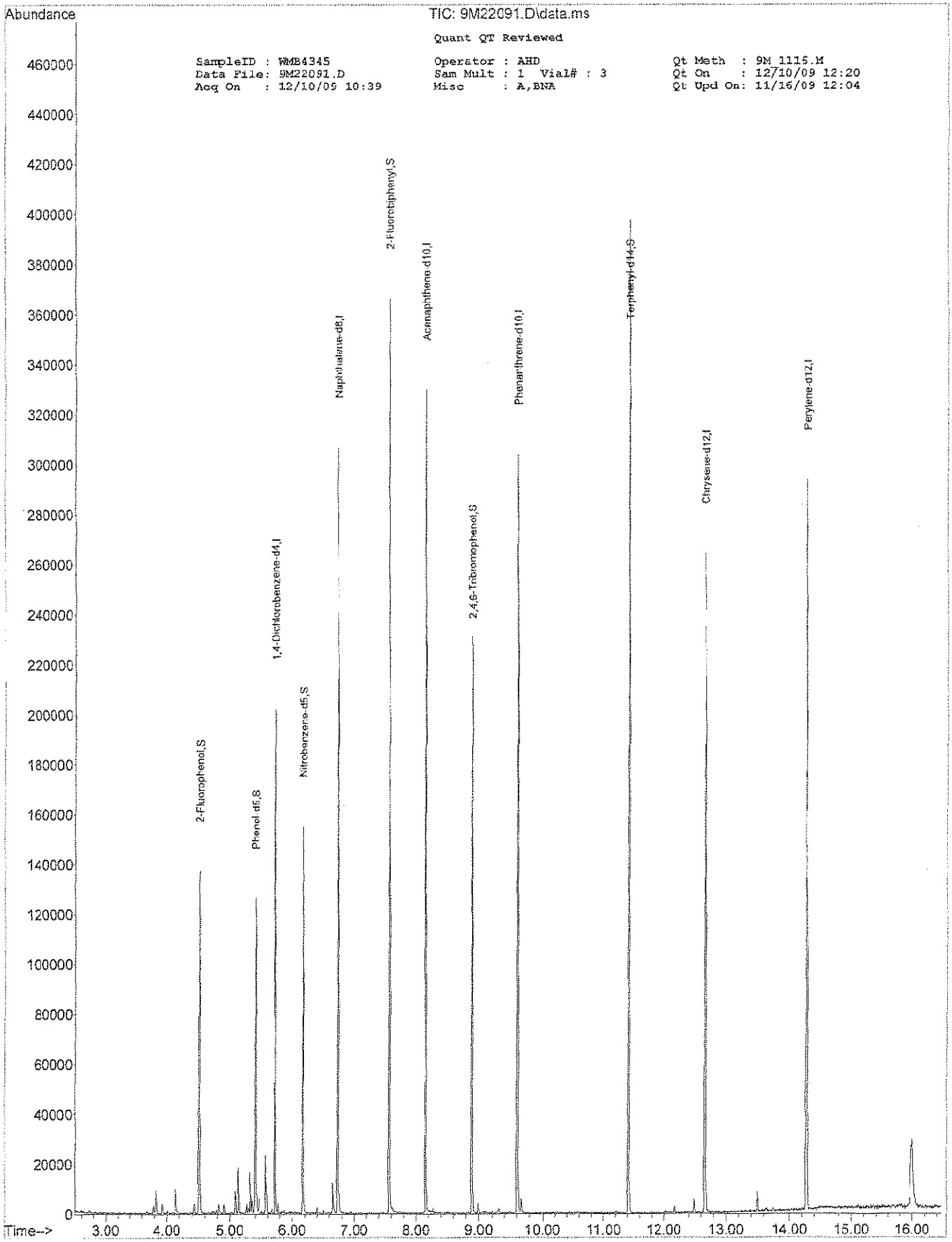
SampleID : WMB4345 Operator : AHD Qt Meth : 9M_1116.M
Data File: 9M22091.D Sam Mult : 1 Vial# : 3 Qt On : 12/10/09 12:20
Acq On : 12/10/09 10:39 Misc : A,BNA Qt Upd On: 11/16/09 12:04

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	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	5.717	152	27363	40.00	ng	-0.01
23) Naphthalene-d8	6.728	136	113353	40.00	ng	-0.01
41) Acenaphthene-d10	8.151	154	64107	40.00	ng	-0.01
67) Phenanthrene-d10	9.606	188	110752	40.00	ng	-0.02
81) Chrysene-d12	12.660	240	96607	40.00	ng	-0.02
96) Perylene-d12	14.275	264	100058	40.00	ng	-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	4.514	112	41537	48.84	ng	-0.01
Spiked Amount 100.000			Recovery = 48.84%			
9) Phenol-d5	5.402	99	40041	33.54	ng	-0.01
Spiked Amount 100.000			Recovery = 33.54%			
24) Nitrobenzene-d5	6.167	128	19829	38.87	ng	-0.01
Spiked Amount 50.000			Recovery = 77.74%			
46) 2-Fluorobiphenyl	7.563	172	95424	42.66	ng	-0.01
Spiked Amount 50.000			Recovery = 85.32%			
70) 2,4,6-Tribromophenol	8.889	330	16672	82.76	ng	-0.01
Spiked Amount 100.000			Recovery = 82.76%			
84) Terphenyl-d14	11.414	244	119439	44.19	ng	-0.01
Spiked Amount 50.000			Recovery = 88.38%			

Target Compounds	Qvalue

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


Abundance
TIC: 9M22091.D\data.ms
Quant QT Reviewed
SampleID : WMB4345
Data File: 9M22091.D
Acq On : 12/10/09 10:39
Operator : AHD
Sam Mult : 1 Vial# : 3
Misc : A,BNA
Qt Meth : 9M_1115.M
Qt On : 12/10/09 12:20
Qt Upd On: 11/16/09 12:04
2-Fluorophenol,S
Phenol-d5,S
1,4-Dichlorobenzene-d4,I
Nitrobenzene-d5,S
Naphthalene-d8,I
2-Fluorobiphenyl,S
Acenaphthene-d10,I
2,4,6-Tribromophenol,S
Phenanthrene-d10,I
Terphenyl-d14,S
Chrysene-d12,I
Perylene-d12,I
Time-->

Form1

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

Worksheet #: 138424

Total Target Concentration 0

ColumnID: (^) Indicates results from 2nd column

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 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.

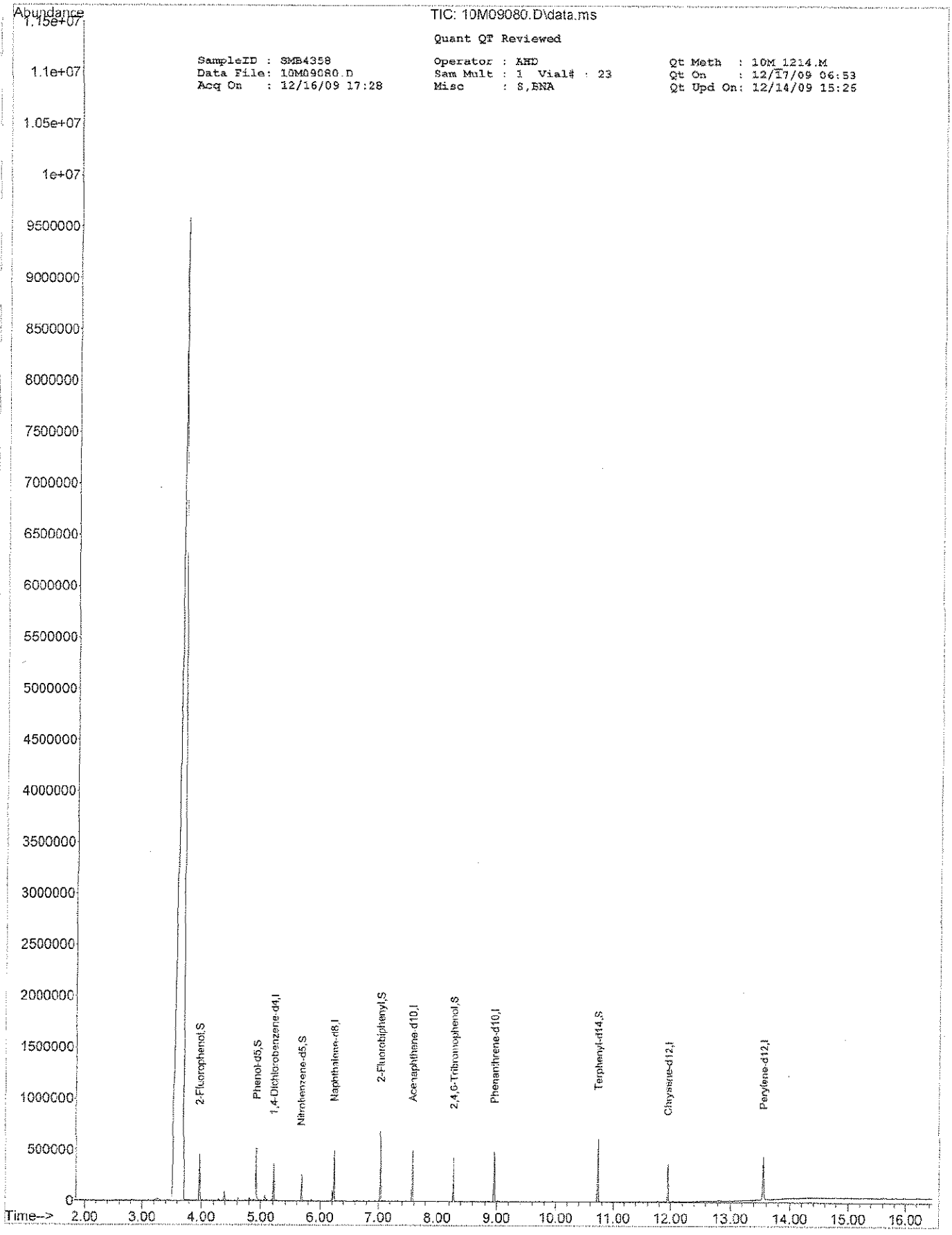
Quantitation Report (QT Reviewed)

SampleID : SMB4358 Operator : AHD Qt Meth : 10M_1214.M
Data File: 10M09080.D Sam Mult : 1 Vial# : 23 Qt On : 12/17/09 06:53
Acq On : 12/16/09 17:28 Misc : S,BNA Qt Upd On: 12/14/09 15:26

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	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	5.212	152	45113	40.00	ng	-0.02
23) Naphthalene-d8	6.228	136	172115	40.00	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-Fluorophenol	3.966	112	121402	96.71	ng	0.00
Spiked Amount 100.000			Recovery = 96.71%			
9) Phenol-d5	4.923	99	162657	89.33	ng	-0.01
Spiked Amount 100.000			Recovery = 89.33%			
24) Nitrobenzene-d5	5.672	128	31275	43.90	ng	-0.02
Spiked Amount 50.000			Recovery = 87.80%			
45) 2-Fluorobiphenyl	7.030	172	160602	46.34	ng	-0.02
Spiked Amount 50.000			Recovery = 92.68%			
70) 2,4,6-Tribromophenol	8.271	330	49101	103.23	ng	-0.02
Spiked Amount 100.000			Recovery = 103.23%			
84) Terphenyl-d14	10.732	244	203392	48.28	ng	-0.03
Spiked Amount 50.000			Recovery = 96.56%			
Target Compounds						Qvalue

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


Abundance
TIC: 10M09080.D\data.ms
Quant QT Reviewed
SampleID : SMB4358
Data File: 10M09080.D
Acq On : 12/16/09 17:28
Operator : AHD
Sam Mult : 1 Vial# : 23
Misc : S,ENA
Qt Meth : 10M_1214.M
Qt On : 12/17/09 06:53
Qt Upd On: 12/14/09 15:25
1.15e+07
1.1e+07
1.05e+07
1e+07
9500000
9000000
8500000
8000000
7500000
7000000
6500000
6000000
5500000
5000000
4500000
4000000
3500000
3000000
2500000
2000000
1500000
1000000
500000
0
2-Fluorophenol,S
Phenol-d5,S
1,4-Dichlorobenzene-d4,I
Nitrobenzene-d5,S
Naphthalene-d8,I
2-Fluorobiphenyl,S
Acenaphthene-d10,I
2,4,6-Tribromophenol,S
Phenanthrene-d10,I
Terphenyl-d14,S
Chrysene-d12,I
Perylene-d12,I
Time-->
2.00
3.00
4.00
5.00
6.00
7.00
8.00
9.00
10.00
11.00
12.00
13.00
14.00
15.00
16.00

Form1

ORGANICS SEMIVOLATILE REPORT

Sample Number: SMB4360
Client Id:
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

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

Worksheet #: 138424

Total Target Concentration 0

ColumnID: (^) Indicates results from 2nd column

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 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)

SampleID : SMB4360 Operator : AHD Qt Meth : 9M_1217.M
Data File: 9M22199.D Sam Mult : 1 Vial# : 11 Qt On : 12/17/09 15:11
Acq On : 12/17/09 14:25 Misc : S,BNA 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

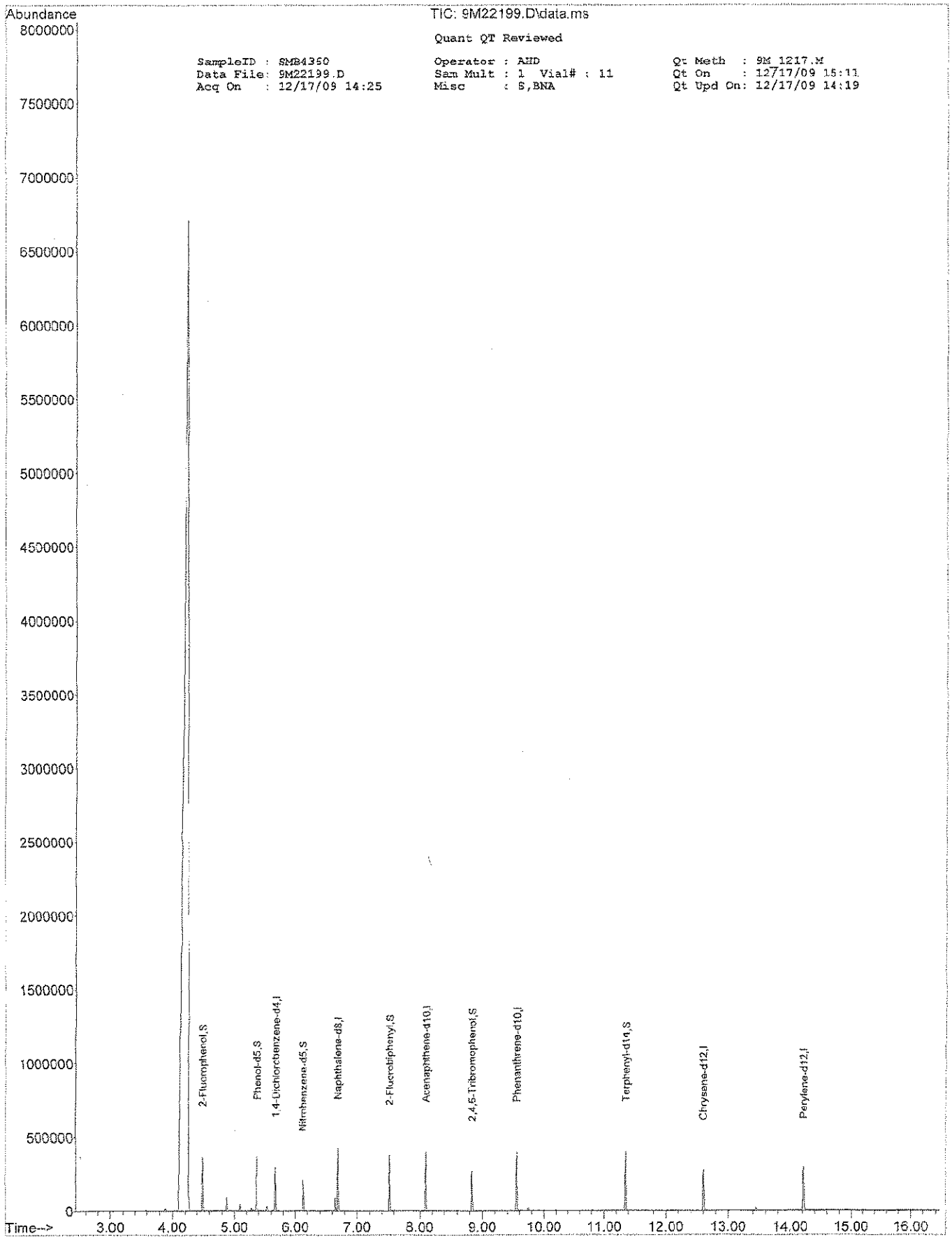
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	5.683	152	37683	40.00	ng	0.00
23) Naphthalene-d8	6.689	136	146103	40.00	ng	0.00
41) Acenaphthene-d10	8.101	164	80843	40.00	ng	0.00
67) Phenanthrene-d10	9.556	188	130196	40.00	ng	0.00
81) Chrysene-d12	12.604	240	100188	40.00	ng	0.00
96) Perylene-d12	14.220	264	102859	40.00	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	4.491	112	87071	74.83	ng	0.02
Spiked Amount 100.000			Recovery = 74.83%			
9) Phenol-d5	5.373	99	120263	73.13	ng	0.00
Spiked Amount 100.000			Recovery = 73.13%			
24) Nitrobenzene-d5	6.133	128	22912	35.94	ng	0.00
Spiked Amount 50.000			Recovery = 71.88%			
46) 2-Fluorobiphenyl	7.523	172	132039	36.47	ng	0.00
Spiked Amount 50.000			Recovery = 72.94%			
70) 2,4,6-Tribromophenol	8.839	330	18646	74.41	ng	0.00
Spiked Amount 100.000			Recovery = 74.41%			
84) Terphenyl-d14	11.364	244	110304	41.38	ng	0.00
Spiked Amount 50.000			Recovery = 82.76%			
Target Compounds						Qvalue

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

TIC: 9M22199.D\data.ms

Quant QT Reviewed

SampleID : SMB4350 | Operator : AHD | Qt Meth : 9M_1217.M
Data File: 9M22199.D | Sam Mult : 1 Vial# : 11 | Qt On : 12/17/09 15:11
Acq On : 12/17/09 14:25 | Misc : S,BNA | Qt Upd On: 12/17/09 14:19



Form1

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
83-32-9	Acenaphthene	0.072	U	**218-01-9**	**Chrysene**	**0.072**	**0.076**
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**	**0.15**
56-55-3	Benzo[a]anthracene	0.072	U	86-73-7	Fluorene	0.072	U
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	U
191-24-2	Benzo[g,h,i]perylene	0.072	U	**85-01-8**	**Phenanthrene**	**0.072**	**0.093**
207-08-9	Benzo[k]fluoranthene	0.072	U	**129-00-0**	**Pyrene**	**0.072**	**0.13**

Worksheet #: 138424

Total Target Concentration 0.63

ColumnID: (^) Indicates results from 2nd column

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 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.

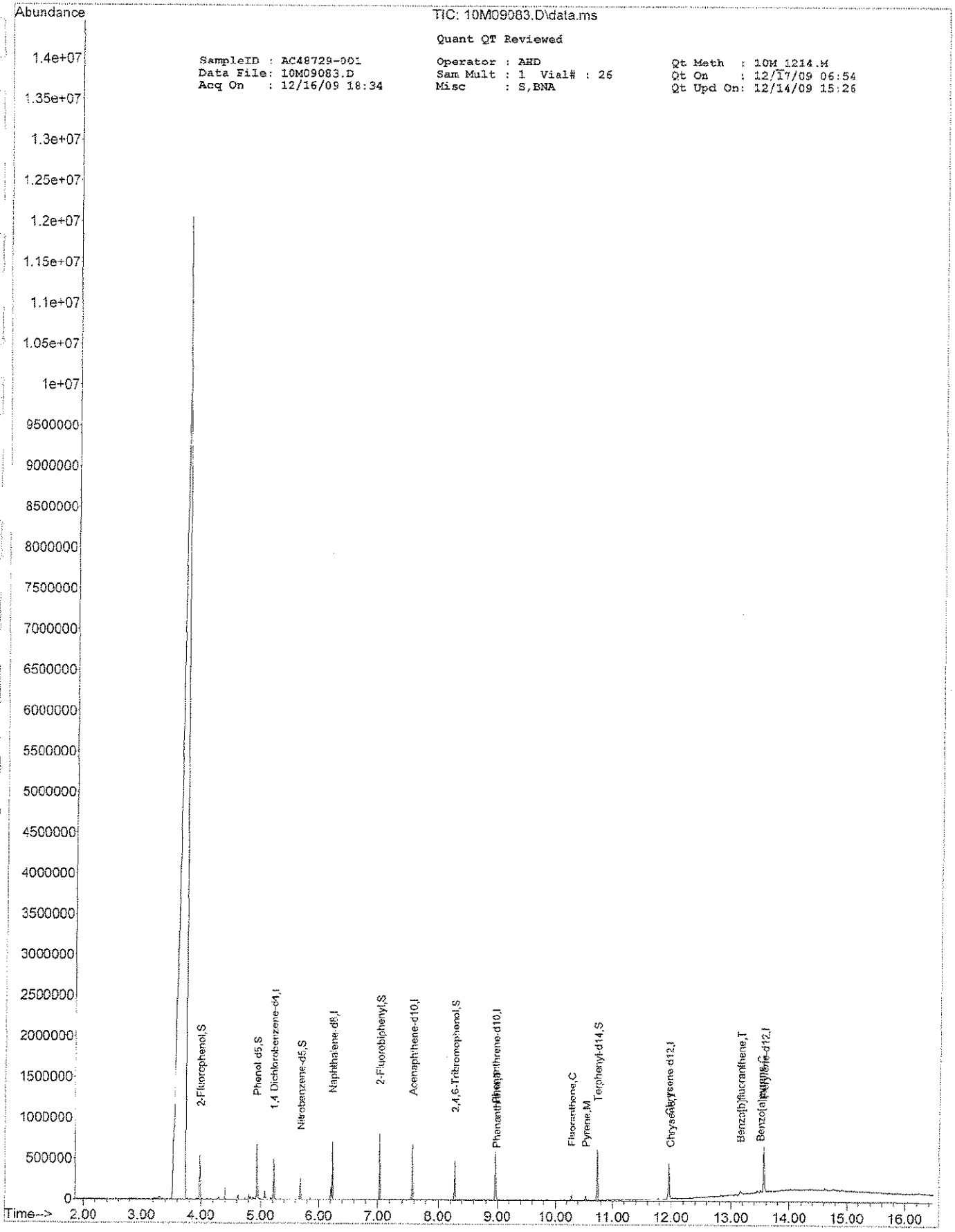
Quantitation Report (QT Reviewed)

SampleID : AC48729-001 Operator : AHD Qt Meth : 10M_1214.M
Data File: 10M09083.D Sam Mult : 1 Vial# : 26 Qt On : 12/17/09 06:54
Acq On : 12/16/09 18:34 Misc : S,BNA Qt Upd On: 12/14/09 15:26

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	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	5.212	152	61142	40.00	ng	-0.02
23) Naphthalene-d8	6.223	136	230304	40.00	ng	-0.02
41) Acenaphthene-d10	7.571	164	130622	40.00	ng	-0.02
67) Phenanthrene-d10	8.956	188	202477	40.00	ng	-0.02
81) Chrysene-d12	11.957	240	174006	40.00	ng	-0.03
96) Perylene-d12	13.550	264	201718	40.00	ng	-0.02
System Monitoring Compounds						
4) 2-Fluorophenol	3.976	112	139039	81.72	ng	0.00
Spiked Amount 100.000			Recovery = 81.72%			
9) Phenol-d5	4.923	99	189436	76.76	ng	-0.01
Spiked Amount 100.000			Recovery = 76.76%			
24) Nitrobenzene-d5	5.677	128	35946	37.71	ng	-0.02
Spiked Amount 50.000			Recovery = 75.42%			
46) 2-Fluorobiphenyl	7.030	172	181534	40.36	ng	-0.02
Spiked Amount 50.000			Recovery = 80.72%			
70) 2,4,6-Tribromophenol	8.271	330	53697	91.51	ng	-0.02
Spiked Amount 100.000			Recovery = 91.51%			
84) Terphenyl-d14	10.732	244	211089	42.90	ng	-0.03
Spiked Amount 50.000			Recovery = 85.80%			
Target Compounds						Qvalue
76) Phenanthrene	8.977	178	16030	2.60	ng	96
80) Fluoranthene	10.277	202	29529	4.30	ng	87
82) Pyrene	10.534	202	24389	3.67	ng	78
94) Chrysene	11.983	228	12935	2.13	ng	95
98) Benzo[b]fluoranthene	13.160	252	18980	3.02	ng	93
100) Benzo[a]pyrene	13.492	252	12534	2.09	ng	87

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


Abundance
TIC: 10M09083.D\data.ms
Quant QT Reviewed
SampleID : AC48729-001
Data File: 10M09083.D
Acq On : 12/16/09 18:34
Operator : AHD
Sam Mult : 1 Vial# : 26
Misc : S,BNA
Qt Meth : 10M 1214.M
Qt On : 12/17/09 06:54
Qt Upd On: 12/14/09 15:26
1.4e+07
1.35e+07
1.3e+07
1.25e+07
1.2e+07
1.15e+07
1.1e+07
1.05e+07
1e+07
9500000
9000000
8500000
8000000
7500000
7000000
6500000
6000000
5500000
5000000
4500000
4000000
3500000
3000000
2500000
2000000
1500000
1000000
500000
0
Time-->
2.00
3.00
4.00
5.00
6.00
7.00
8.00
9.00
10.00
11.00
12.00
13.00
14.00
15.00
16.00
2-Fluorophenol,S
Phenol-d5,S
1,4-Dichlorobenzene-d4,I
Nitrobenzene-d5,S
Naphthalene-d8,I
2-Fluorobiphenyl,S
Acenaphthene-d10,I
2,4,6-Tribromophenol,S
Phenanthrene-d10,I
Fluoranthene,C
Pyrene,M
Terphenyl-d14,S
Chrysene-d12,I
Benzo(b)fluoranthene,T
Benzo(a)pyrene-d12,I

Form1

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
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	U	86-73-7	Fluorene	0.078	U
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
191-24-2	Benzo[g,h,i]perylene	0.078	U	85-01-8	Phenanthrene	0.078	U
207-08-9	Benzo[k]fluoranthene	0.078	U	129-00-0	Pyrene	0.078	U

Worksheet #: 138424

Total Target Concentration 0

ColumnID: (^) Indicates results from 2nd column

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 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 : AC48729-002 Operator : AHD Qt Meth : 9M_1214.M
Data File: 9M22187.D Sam Mult : 1 Vial# : 24 Qt On : 12/17/09 06:53
Acq On : 12/16/09 21:16 Misc : S,BNA Qt Upd On: 12/14/09 16:19

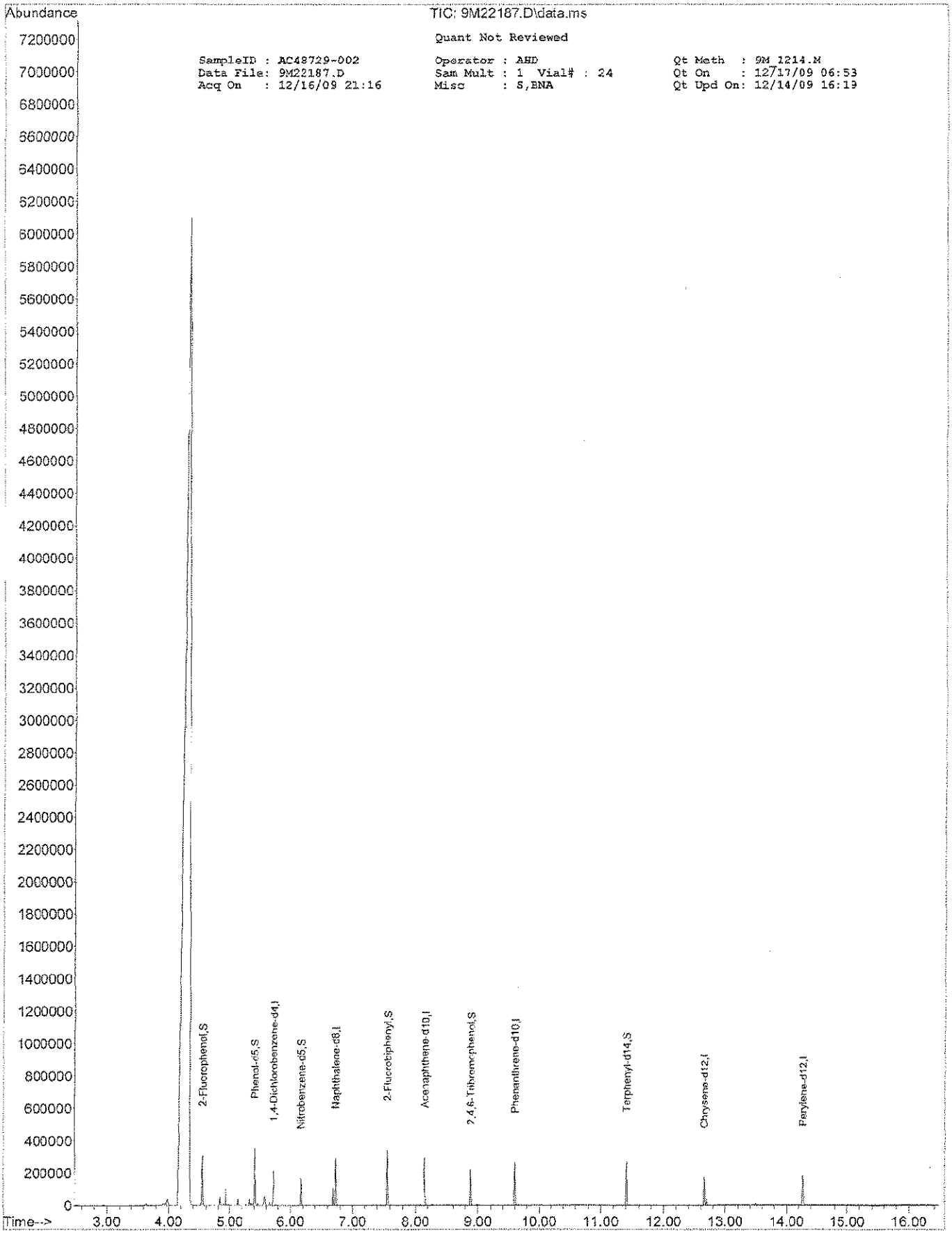
Data Path : G:\GcMsData\2009\GCMS_9\Data\12-16-09\
Qt Path : G:\GCMSDATA\2009\GCMS_9\METHODQT\
Qt Resp Via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	5.723	152	27788	40.00	ng	0.00
23) Naphthalene-d8	6.728	136	109314	40.00	ng	-0.01
41) Acenaphthene-d10	8.151	164	58996	40.00	ng	0.00
67) Phenanthrene-d10	9.606	188	92530	40.00	ng	-0.01
81) Chrysene-d12	12.660	240	59714	40.00	ng	-0.02
96) Perylene-d12	14.275	264	61464	40.00	ng	-0.02
System Monitoring Compounds						
4) 2-Fluorophenol	4.546	112	72202	88.42	ng	0.02
Spiked Amount 100.000			Recovery = 88.42%			
9) Phenol-d5	5.413	99	99262	80.49	ng	0.00
Spiked Amount 100.000			Recovery = 80.49%			
24) Nitrobenzene-d5	6.172	128	18708	40.70	ng	0.00
Spiked Amount 50.000			Recovery = 81.40%			
46) 2-Fluorobiphenyl	7.563	172	86358	45.08	ng	-0.01
Spiked Amount 50.000			Recovery = 90.16%			
70) 2,4,6-Tribromophenol	8.889	330	16606	115.57	ng	0.00
Spiked Amount 100.000			Recovery = 115.57%			
84) Terphenyl-d14	11.414	244	78669	48.32	ng	-0.01
Spiked Amount 50.000			Recovery = 96.64%			

Target Compounds Qvalue

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

lle


Abundance
TIC: 9M22187.D\data.ms
Quant Not Reviewed
SampleID : AC48729-002
Data File: 9M22187.D
Acq On : 12/16/09 21:16
Operator : AHD
Sam Mult : 1 Vial# : 24
Misc : S,BNA
Qt Meth : 9M_1214.M
Qt On : 12/17/09 06:53
Qt Upd On: 12/14/09 16:19
2-Fluorophenol,S
Phenol-d5,S
1,4-Dichlorobenzene-d4,I
Nitrobenzene-d5,S
Naphthalene-d8,I
2-Fluorobiphenyl,S
Acenaphthene-d10,I
2,4,6-Tribromophenol,S
Phenanthrene-d10,I
Terphenyl-d14,S
Chrysene-d12,I
Perylene-d12,I
Time-->

Form1

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

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
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

Worksheet #: 138424

Total Target Concentration 0

ColumnID: (^) Indicates results from 2nd column

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 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)

SampleID : AC48729-003 Operator : AHD Qt Meth : 10M_1214.M
Data File: 10M09084.D Sam Mult : 1 Vial# : 27 Qt On : 12/17/09 06:54
Acq On : 12/16/09 18:56 Misc : S,BNA Qt Upd On: 12/14/09 15:26

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	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	5.212	152	54910	40.00	ng	-0.02
23) Naphthalene-d8	6.228	136	204704	40.00	ng	-0.02
41) Acenaphthene-d10	7.570	164	112998	40.00	ng	-0.02
67) Phenanthrene-d10	8.956	188	183544	40.00	ng	-0.02
81) Chrysene-d12	11.956	240	156385	40.00	ng	-0.03
95) Perylene-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	169744	76.59	ng	-0.01
Spiked Amount 100.000			Recovery = 76.59%			
24) Nitrobenzene-d5	5.677	128	33201	39.18	ng	-0.02
Spiked Amount 50.000			Recovery = 78.36%			
46) 2-Fluorobiphenyl	7.030	172	162537	41.77	ng	-0.02
Spiked Amount 50.000			Recovery = 83.54%			
70) 2,4,6-Tribromophenol	8.271	330	48593	91.35	ng	-0.02
Spiked Amount 100.000			Recovery = 91.35%			
84) Terphenyl-d14	10.732	244	192839	43.60	ng	-0.03
Spiked Amount 50.000			Recovery = 87.20%			
Target Compounds						Qvalue

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

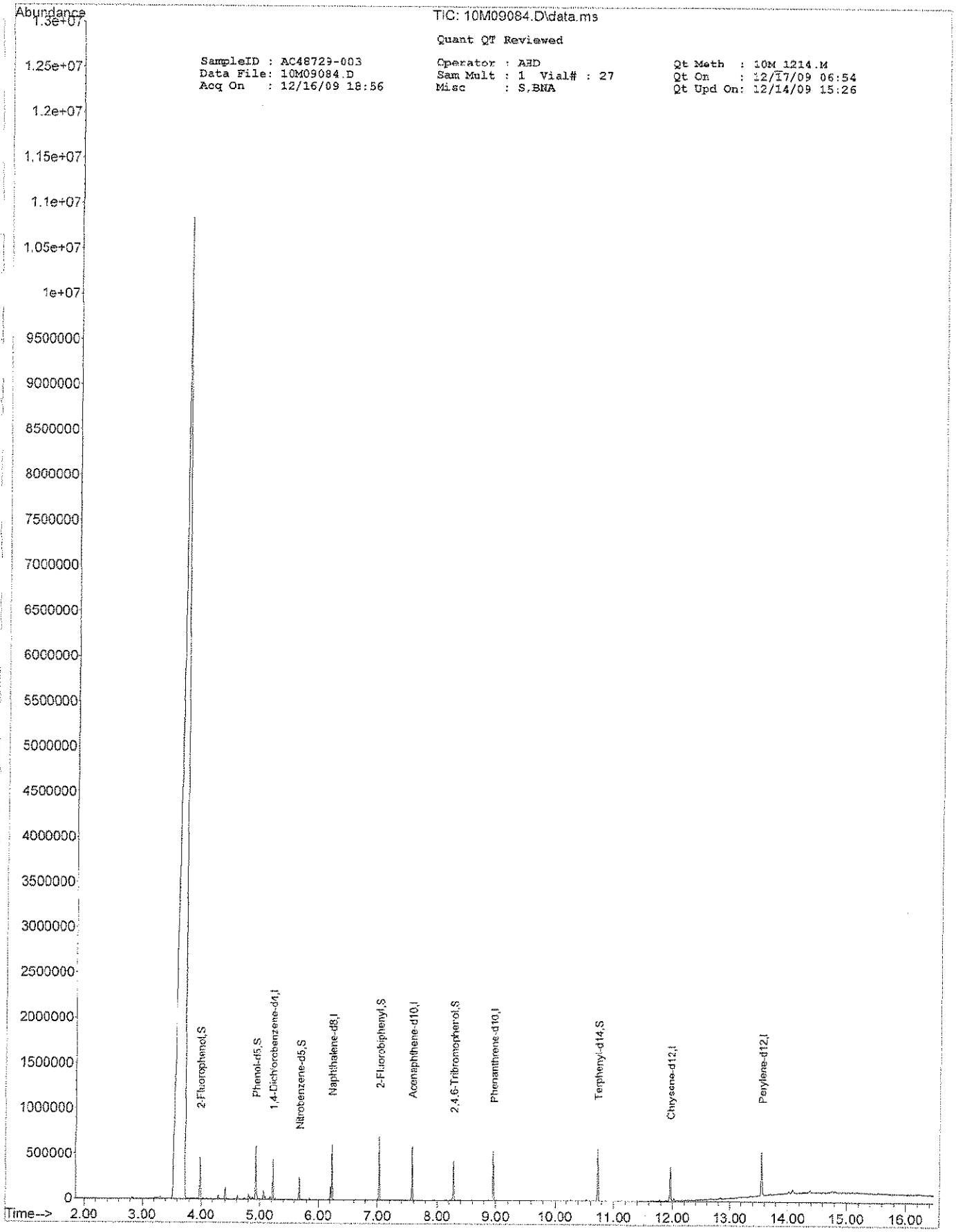
TIC: 10M09084.D\data.ms

Quant QT Reviewed

SampleID : AC48729-003
Data File: 10M09084.D
Acq On : 12/16/09 18:56

Operator : AHD
Sam Mult : 1 Vial# : 27
Misc : S,BNA

Qt Meth : 10M_1214.M
Qt On : 12/17/09 06:54
Qt Upd On: 12/14/09 15:26



Form1

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

Cas #	Compound	RL	Conc	Cas #	Compound	RL	Conc
83-32-9	Acenaphthene	0.077	U	218-01-9	Chrysene	0.077	U
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
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
207-08-9	Benzo[k]fluoranthene	0.077	U	129-00-0	Pyrene	0.077	U

Worksheet #: 138424

Total Target Concentration 0

ColumnID: (^) Indicates results from 2nd column

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 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.

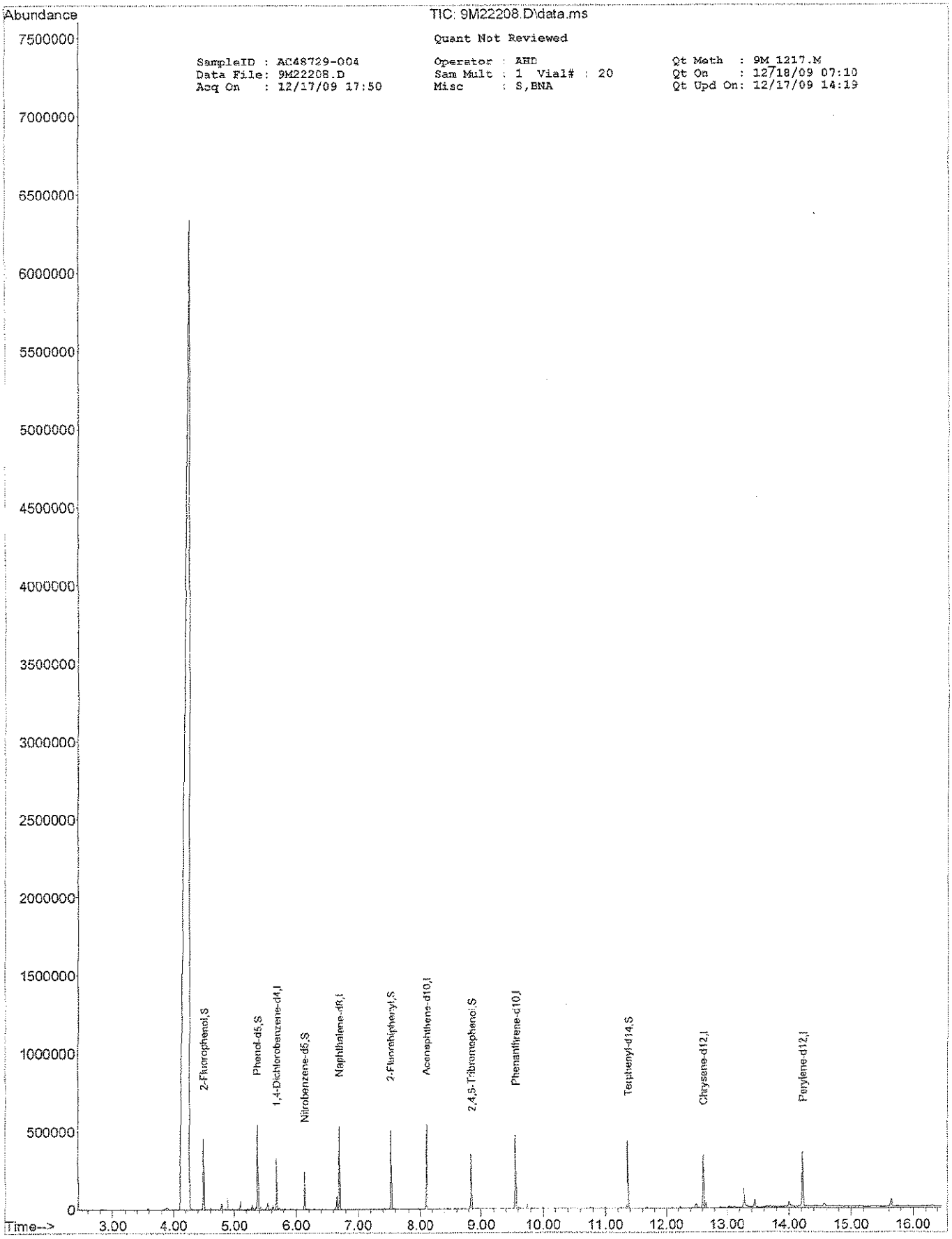
Quantitation Report (Not Reviewed)

SampleID : AC48729-004 Operator : AHD Qt Meth : 9M_1217.M
Data File: 9M22208.D Sam Mult : 1 Vial# : 20 Qt On : 12/18/09 07:10
Acq On : 12/17/09 17:50 Misc : S,BNA 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	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	5.684	152	44008	40.00	ng	0.00
23) Naphthalene-d8	6.689	136	176730	40.00	ng	0.00
41) Acenaphthene-d10	8.102	164	98462	40.00	ng	0.00
67) Phenanthrene-d10	9.556	188	153504	40.00	ng	0.00
81) Chrysene-d12	12.605	240	116197	40.00	ng	0.00
96) Perylene-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			Recovery = 75.45%			
9) Phenol-d5	5.373	99	145197	75.60	ng	0.00
Spiked Amount 100.000			Recovery = 75.60%			
24) Nitrobenzene-d5	6.133	128	27172	35.24	ng	0.00
Spiked Amount 50.000			Recovery = 70.48%			
46) 2-Fluorobiphenyl	7.518	172	123230	36.16	ng	0.00
Spiked Amount 50.000			Recovery = 72.32%			
70) 2,4,6-Tribromophenol	8.839	330	24910	84.31	ng	0.00
Spiked Amount 100.000			Recovery = 84.31%			
84) Terphenyl-d14	11.364	244	128444	41.36	ng	0.00
Spiked Amount 50.000			Recovery = 82.72%			
Target Compounds						Qvalue

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


Abundance
TIC: 9M22208.D\data.ms
Quant Not Reviewed
SampleID : AC48729-004
Data File: 9M22208.D
Acq On : 12/17/09 17:50
Operator : AHD
Sam Mult : 1 Vial# : 20
Misc : S,BNA
Qt Meth : 9M_1217.M
Qt On : 12/18/09 07:10
Qt Upd On: 12/17/09 14:19
7500000
7000000
6500000
6000000
5500000
5000000
4500000
4000000
3500000
3000000
2500000
2000000
1500000
1000000
500000
0
Time-->
3.00
4.00
5.00
6.00
7.00
8.00
9.00
10.00
11.00
12.00
13.00
14.00
15.00
16.00
2-Fluorophenol,S
Phenol-d5,S
1,4-Dichlorobenzene-d4,I
Nitrobenzene-d5,S
Naphthalene-d8,I
2-Fluorobiphenyl,S
Acenaphthene-d10,I
2,4,6-Tribromophenol,S
Phenanthrene-d10,I
Terphenyl-d14,S
Chrysene-d12,I
Perylene-d12,I

Form1

ORGANICS SEMIVOLATILE REPORT

Sample Number: AC48729-005
Client Id: SS03-A
Data File: 10M09113.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

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]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	0.071	U	129-00-0	Pyrene	0.071	U

Worksheet #: 138424

Total Target Concentration 0

ColumnID: (^) Indicates results from 2nd column

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 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.

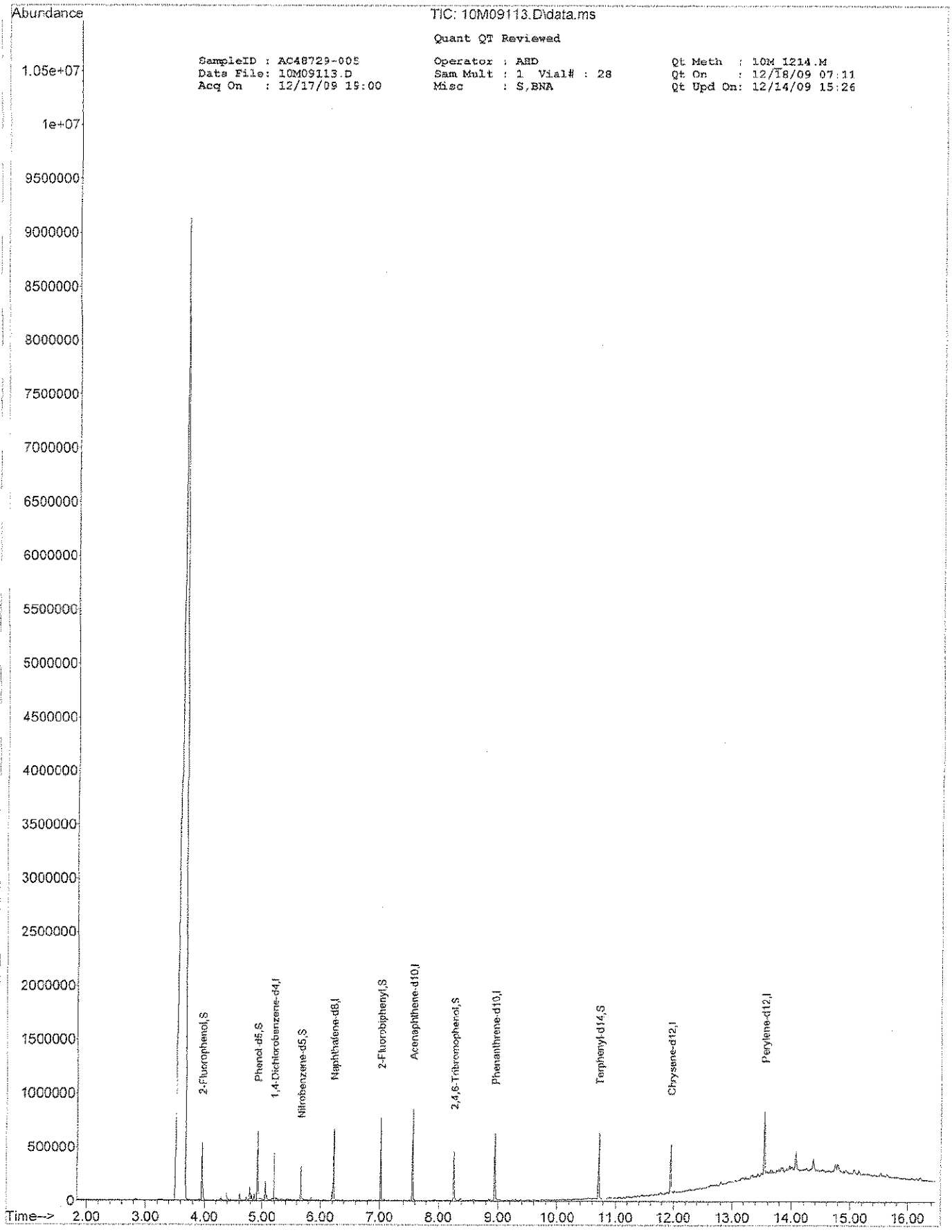
Quantitation Report (QT Reviewed)

SampleID : AC48729-005 Operator : AHD Qt Meth : 10M_1214.M
Data File: 10M09113.D Sam Mult : 1 Vial# : 28 Qt On : 12/18/09 07:11
Acq On : 12/17/09 19:00 Misc : S,BNA 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	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	5.201	152	66635	40.00	ng	-0.03
23) Naphthalene-d8	6.217	136	255203	40.00	ng	-0.03
41) Acenaphthene-d10	7.560	164	145366	40.00	ng	-0.03
67) Phenanthrene-d10	8.945	188	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			Recovery = 81.14%			
9) Phenol-d5	4.918	99	201809	75.04	ng	-0.02
Spiked Amount 100.000			Recovery = 75.04%			
24) Nitrobenzene-d5	5.666	128	38652	36.59	ng	-0.03
Spiked Amount 50.000			Recovery = 73.18%			
46) 2-Fluorobiphenyl	7.020	172	198340	39.57	ng	-0.03
Spiked Amount 50.000			Recovery = 79.14%			
70) 2,4,6-Tribromophenol	8.266	330	52268	80.54	ng	-0.03
Spiked Amount 100.000			Recovery = 80.54%			
84) Terphenyl-d14	10.721	244	219183	40.21	ng	-0.04
Spiked Amount 50.000			Recovery = 80.42%			
Target Compounds						Qvalue

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


Abundance
TIC: 10M09113.D\data.ms
Quant QT Reviewed
SampleID : AC48729-005
Data File: 10M09113.D
Acq On : 12/17/09 19:00
Operator : ABD
Sam Mult : 1 Vial# : 28
Misc : S,BNA
Qt Meth : 10M_1214.M
Qt On : 12/18/09 07:11
Qt Upd On: 12/14/09 15:26
1.05e+07
1e+07
9500000
9000000
8500000
8000000
7500000
7000000
6500000
6000000
5500000
5000000
4500000
4000000
3500000
3000000
2500000
2000000
1500000
1000000
500000
0
Time-->
2.00
3.00
4.00
5.00
6.00
7.00
8.00
9.00
10.00
11.00
12.00
13.00
14.00
15.00
16.00
2-Fluorophenol,S
Phenol-d6,S
1,4-Dichlorobenzene-d4,I
Nitrobenzene-d5,S
Naphthalene-d8,I
2-Fluorobiphenyl,S
Acenaphthene-d10,I
2,4,6-Tribromophenol,S
Phenanthrene-d10,I
Terphenyl-d14,S
Chrysene-d12,I
Perylene-d12,I

Form1

ORGANICS SEMIVOLATILE REPORT

Sample Number: AC48729-006
Client Id: 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: mg/Kg

Cas #	Compound	RL	Conc	Cas #	Compound	RL	Conc
83-32-9	Acenaphthene	0.078	U	218-01-9	Chrysene	0.078	U
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	U	86-73-7	Fluorene	0.078	U
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
191-24-2	Benzo[g,h,i]perylene	0.078	U	85-01-8	Phenanthrene	0.078	U
207-08-9	Benzo[k]fluoranthene	0.078	U	129-00-0	Pyrene	0.078	U

Worksheet #: 138424

Total Target Concentration 0

ColumnID: (^) Indicates results from 2nd column

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 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.

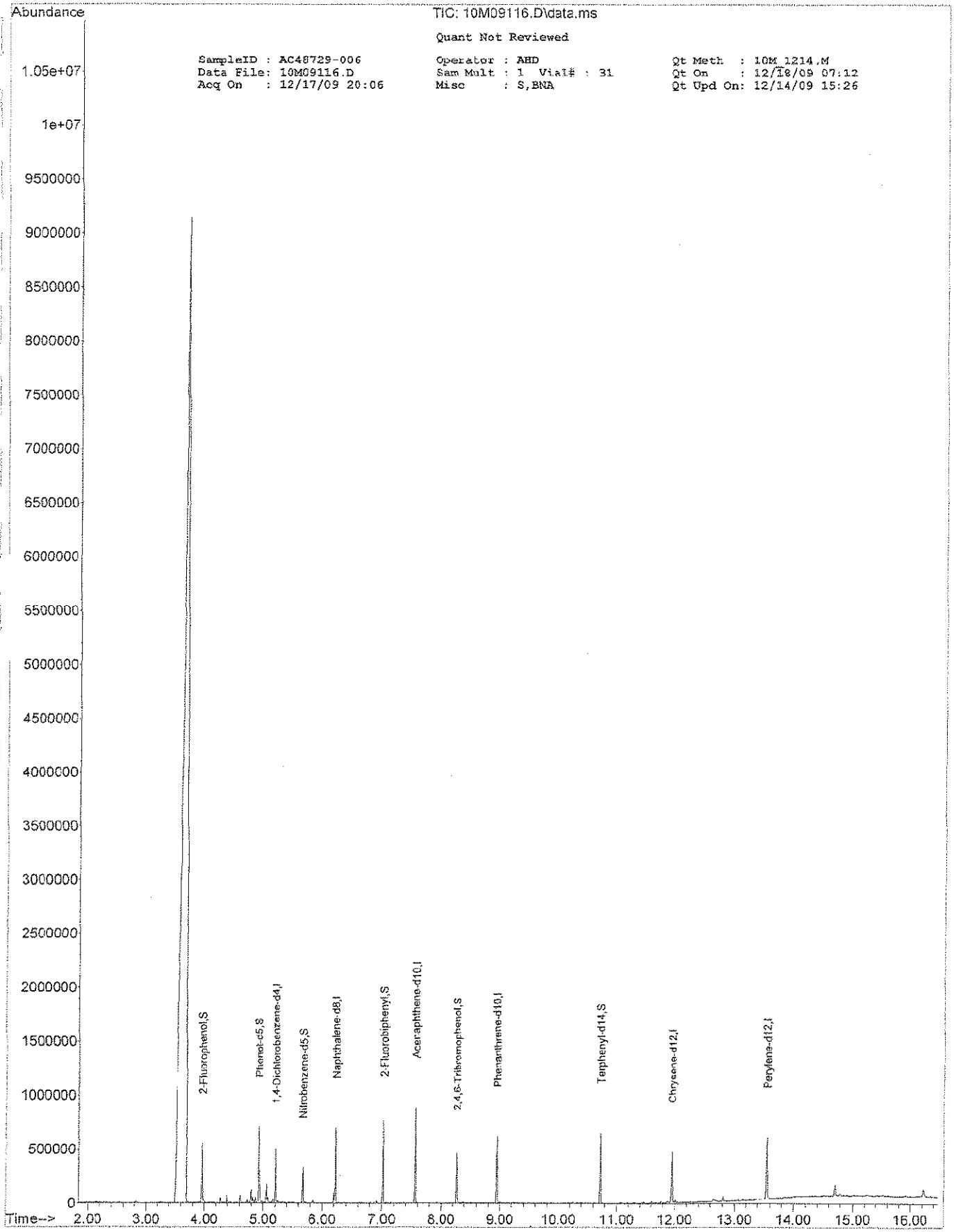
Quantitation Report (Not Reviewed)

Data File: 10M09116.D Sample ID: AC48729-006

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	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	5.207	152	68997	40.00	ng	-0.02
23) Naphthalene-d8	6.217	136	265046	40.00	ng	-0.03
41) Acenaphthene-d10	7.560	164	153288	40.00	ng	-0.03
67) Phenanthrene-d10	8.945	188	229430	40.00	ng	-0.03
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-Fluorophenol	3.960	112	157694	82.14	ng	-0.01
Spiked Amount 100.000			Recovery = 82.14%			
9) Phenol d5	4.918	99	216914	77.89	ng	-0.02
Spiked Amount 100.000			Recovery = 77.89%			
24) Nitrobenzene-d5	5.667	128	40795	37.18	ng	-0.03
Spiked Amount 50.000			Recovery = 74.36%			
45) 2-Fluorobiphenyl	7.025	172	207195	39.25	ng	-0.02
Spiked Amount 50.000			Recovery = 78.50%			
70) 2,4,6-Tribromophenol	8.266	330	54546	82.03	ng	-0.03
Spiked Amount 100.000			Recovery = 82.03%			
84) Terphenyl-d14	10.721	244	227131	41.76	ng	-0.04
Spiked Amount 50.000			Recovery = 83.52%			
Target Compounds						Qvalue

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


Abundance
TIC: 10M09116.D\data.ms
Quant Not Reviewed
SampleID : AC48729-006
Data File: 10M09116.D
Acq On : 12/17/09 20:06
Operator : AHD
Sam Mult : 1 Vial# : 31
Misc : S,BNA
Qt Meth : 10M_1214.M
Qt On : 12/16/09 07:12
Qt Upd On: 12/14/09 15:26
1.05e+07
1e+07
9500000
9000000
8500000
8000000
7500000
7000000
6500000
6000000
5500000
5000000
4500000
4000000
3500000
3000000
2500000
2000000
1500000
1000000
500000
0
2-Fluorophenol,S
Phenol-d5,S
1,4-Dichlorobenzene-d4,I
Nitrobenzene-d5,S
Naphthalene-d8,I
2-Fluorobiphenyl,S
Acenaphthene-d10,I
2,4,6-Tribromophenol,S
Phenanthrene-d10,I
Terphenyl-d14,S
Chrysene-d12,I
Perylene-d12,I
Time-->
2.00
3.00
4.00
5.00
6.00
7.00
8.00
9.00
10.00
11.00
12.00
13.00
14.00
15.00
16.00

Form1

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

Cas #	Compound	RL	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	U
120-12-7	Anthracene	0.072	U	**206-44-0**	**Fluoranthene**	**0.072**	**0.26**
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
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 1.3

ColumnID: (^) Indicates results from 2nd column

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 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.

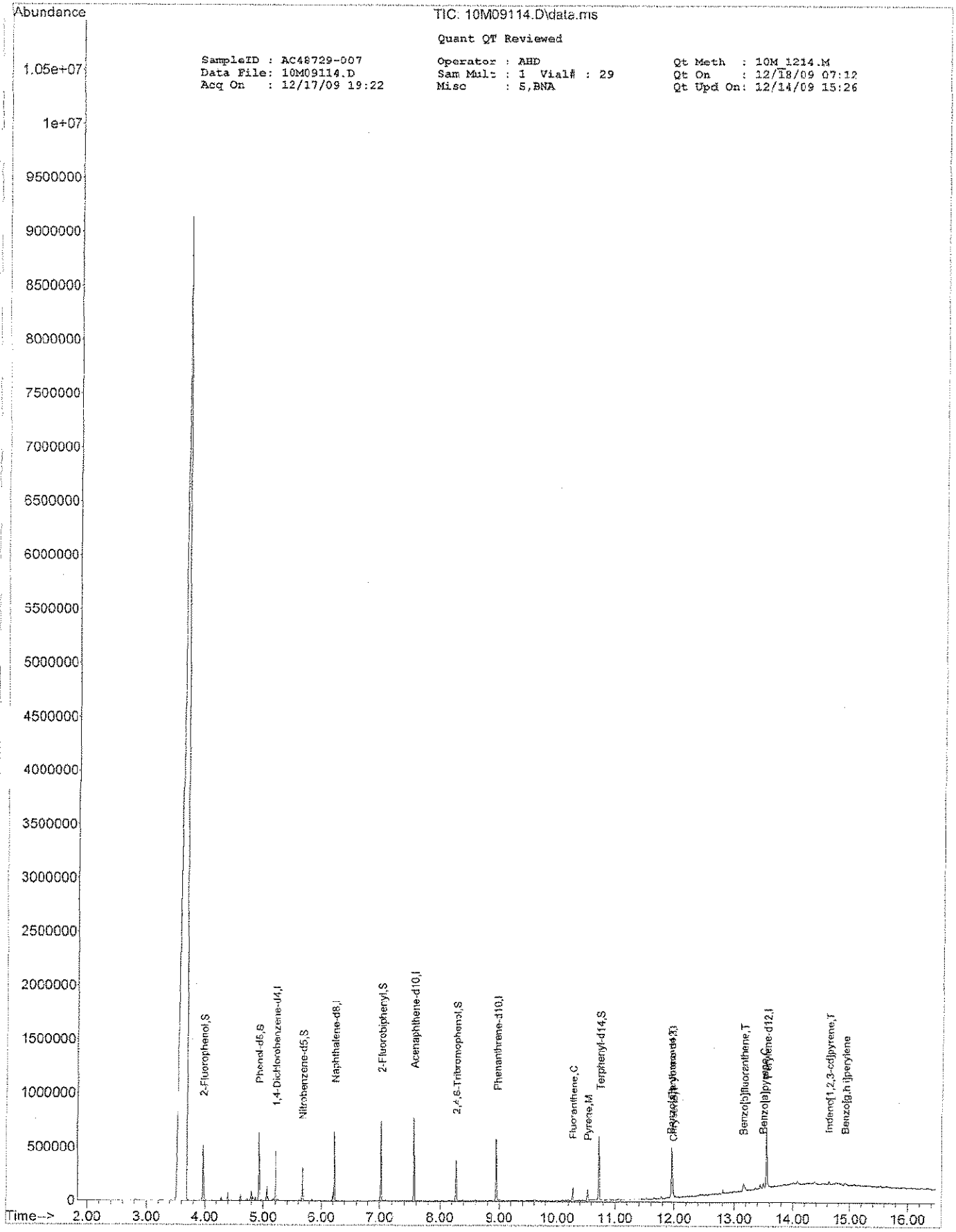
Quantitation Report (QT Reviewed)

SampleID : AC48729-007 Operator : AHD Qt Meth : 10M_1214.M
Data File: 1CMC9114.D Sam Mult : 1 Vial# : 29 Qt On : 12/18/09 07:12
Acq On : 12/17/09 19:22 Misc : S,BNA 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	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	5.205	152	64402	40.00	ng	-0.02
23) Naphthalene-d8	6.217	136	246934	40.00	ng	-0.03
41) Acenaphthene-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
System Monitoring Compounds						
4) 2-Fluorophenol	3.960	112	147695	82.42	ng	-0.01
Spiked Amount 100.000			Recovery = 82.42%			
9) Phenol-d5	4.918	99	199675	76.82	ng	-0.02
Spiked Amount 100.000			Recovery = 76.82%			
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%			
70) 2,4,6-Tribromophenol	8.266	330	45792	73.98	ng	-0.03
Spiked Amount 100.000			Recovery = 73.98%			
84) Terphenyl-d14	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	7.09	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) 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
103) Benzo[g,h,i]perylene	14.914	276	13777	2.41	ng	82

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


Abundance
TIC: 10M09114.D\data.ms
Quant QT Reviewed
SampleID : AC48729-007
Data File: 10M09114.D
Acq On : 12/17/09 19:22
Operator : AHD
Sam Mult : 1 Vial# : 29
Misc : 5,BNA
Qt Meth : 10M_1214.M
Qt On : 12/18/09 07:12
Qt Upd On: 12/14/09 15:26
1.05e+07
1e+07
9500000
9000000
8500000
8000000
7500000
7000000
6500000
6000000
5500000
5000000
4500000
4000000
3500000
3000000
2500000
2000000
1500000
1000000
500000
0
Time-->
2.00
3.00
4.00
5.00
6.00
7.00
8.00
9.00
10.00
11.00
12.00
13.00
14.00
15.00
16.00
2-Fluorophenol,S
Phenol-d6,S
1,4-Dichlorobenzene-d4,I
Nitrobenzene-d5,S
Naphthalene-d8,I
2-Fluorobiphenyl,S
Acenaphthene-d10,I
2,4,6-Tribromophenol,S
Phenanthrene-d10,I
Fluoranthene,C
Pyrene,M
Terphenyl-d14,S
Benzo[b]fluoranthene,T
Benzo[a]pyrene-d12,I
Indeno[1,2,3-cd]pyrene,T
Benzo[g,h,i]perylene

Form1

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

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
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 0

ColumnID: (^) Indicates results from 2nd column

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 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.

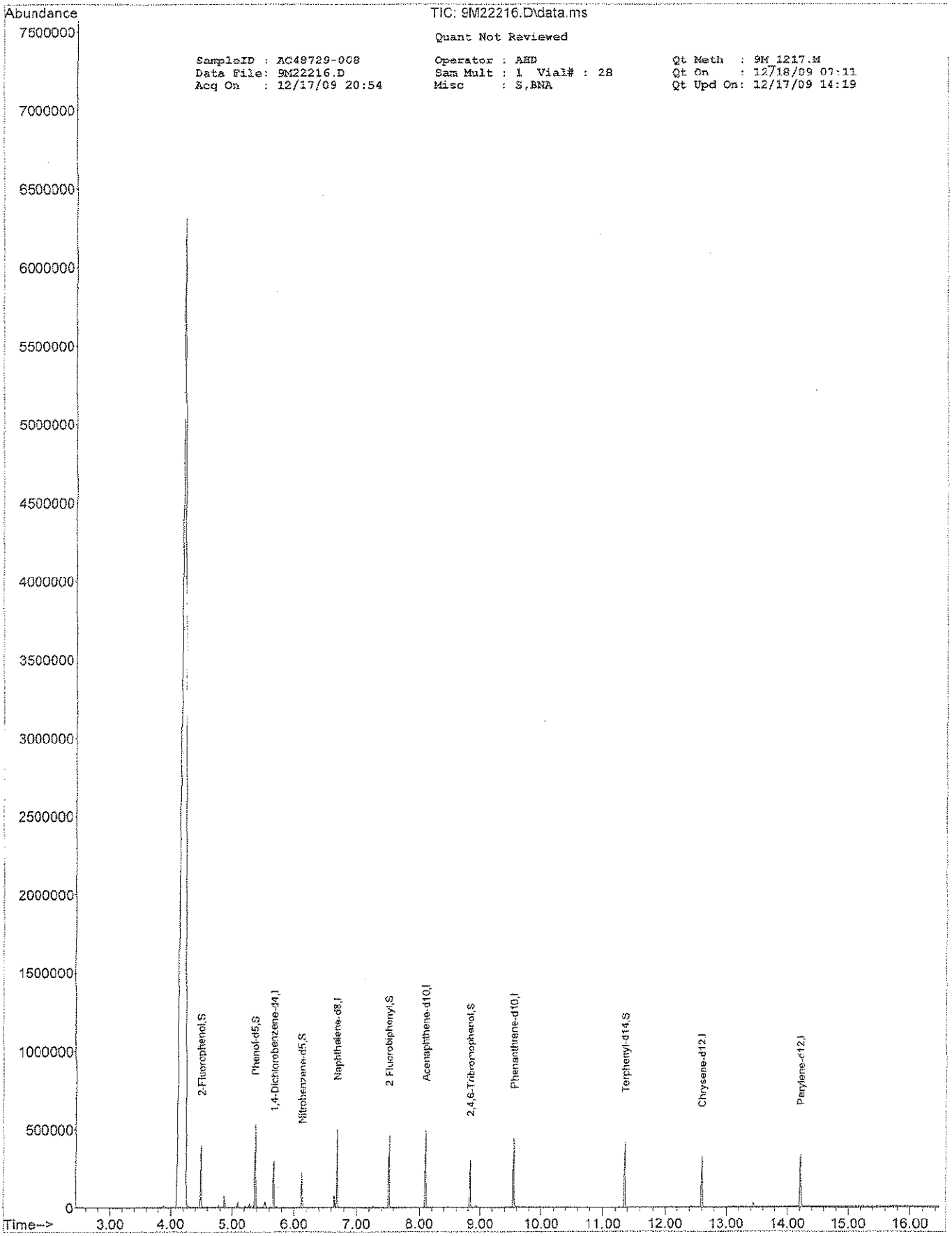
Quantitation Report (Not Reviewed)

SampleID : AC48729-008 Operator : AHD Qt Meth : 9M_1217.M
Data File: 9M22216.D Sam Mult : 1 Vial# : 28 Qt On : 12/18/09 07:11
Acq On : 12/17/09 20:54 Misc : S,BNA 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	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	5.683	152	40025	40.00	ng	0.00
23) Naphthalene-d8	6.689	136	165584	40.00	ng	0.00
41) Acenaphthene-d10	8.101	164	91122	40.00	ng	0.00
67) Phenanthrene-d10	9.556	188	147739	40.00	ng	0.00
81) Chrysene-d12	12.604	240	108749	40.00	ng	0.00
96) Perylene-d12	14.214	264	106883	40.00	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	4.491	112	96249	77.88	ng	0.02
Spiked Amount 100.000			Recovery = 77.88%			
9) Phenol-d5	5.373	99	134364	76.93	ng	0.00
Spiked Amount 100.000			Recovery = 76.93%			
24) Nitrobenzene-d5	6.133	128	26127	36.17	ng	0.00
Spiked Amount 50.000			Recovery = 72.34%			
46) 2-Fluorobiphenyl	7.518	172	115627	36.66	ng	0.00
Spiked Amount 50.000			Recovery = 73.32%			
70) 2,4,6-Tribromophenol	8.839	330	22113	77.77	ng	0.00
Spiked Amount 100.000			Recovery = 77.77%			
84) Terphenyl-d14	11.358	244	118933	40.92	ng	0.00
Spiked Amount 50.000			Recovery = 81.84%			
Target Compounds						Qvalue

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


Abundance
TIC: 9M22216.D\data.ms
Quant Not Reviewed
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
7500000
7000000
6500000
6000000
5500000
5000000
4500000
4000000
3500000
3000000
2500000
2000000
1500000
1000000
500000
0
Time-->
3.00
4.00
5.00
6.00
7.00
8.00
9.00
10.00
11.00
12.00
13.00
14.00
15.00
16.00
2-Fluorophenol,S
Phenol-d5,S
1,4-Dichlorobenzene-d4,I
Nitrobenzene-d5,S
Naphthalene-d8,I
2 Fluorobiphenyl,S
Acenaphthene-d10,I
2,4,6-Tribromophenol,S
Phenanthrene-d10,I
Terphenyl-d14,S
Chrysene-d12,I
Perylene-d12,I

Form1

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

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
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

Worksheet #: 138424

Total Target Concentration 0

ColumnID: (^) Indicates results from 2nd column

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 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 : AC48729-009 Operator : AHD Qt Meth : 10M_1214.M
Data File: 10M09115.D Sam Mult : 1 Vial# : 30 Qt On : 12/18/09 07:12
Acq On : 12/17/09 19:44 Misc : S,BNA 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 Units	Dev(Min)
Internal Standards					
1) 1,4-Dichlorobenzene-d4	5.201	152	65592	40.00 ng	-0.03
23) Naphthalene-d8	6.217	136	252685	40.00 ng	-0.03
41) Acenaphthene-d10	7.560	164	142559	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 ng	-0.03
System Monitoring Compounds					
4) 2-Fluorophenol	3.960	112	129740	71.09 ng	-0.01
Spiked Amount 100.000			Recovery =	71.09%	
9) Phenol-d5	4.918	99	177418	67.02 ng	-0.02
Spiked Amount 100.000			Recovery =	67.02%	
24) Nitrobenzene-d5	5.667	128	33957	32.46 ng	-0.03
Spiked Amount 50.000			Recovery =	64.92%	
45) 2-Fluorobiphenyl	7.025	172	171805	34.97 ng	-0.02
Spiked Amount 50.000			Recovery =	69.94%	
70) 2,4,6-Tribromophenol	8.266	330	41629	66.33 ng	-0.03
Spiked Amount 100.000			Recovery =	66.33%	
84) Terphenyl-d14	10.721	244	185161	36.11 ng	-0.04
Spiked Amount 50.000			Recovery =	72.22%	
Target Compounds					Qvalue

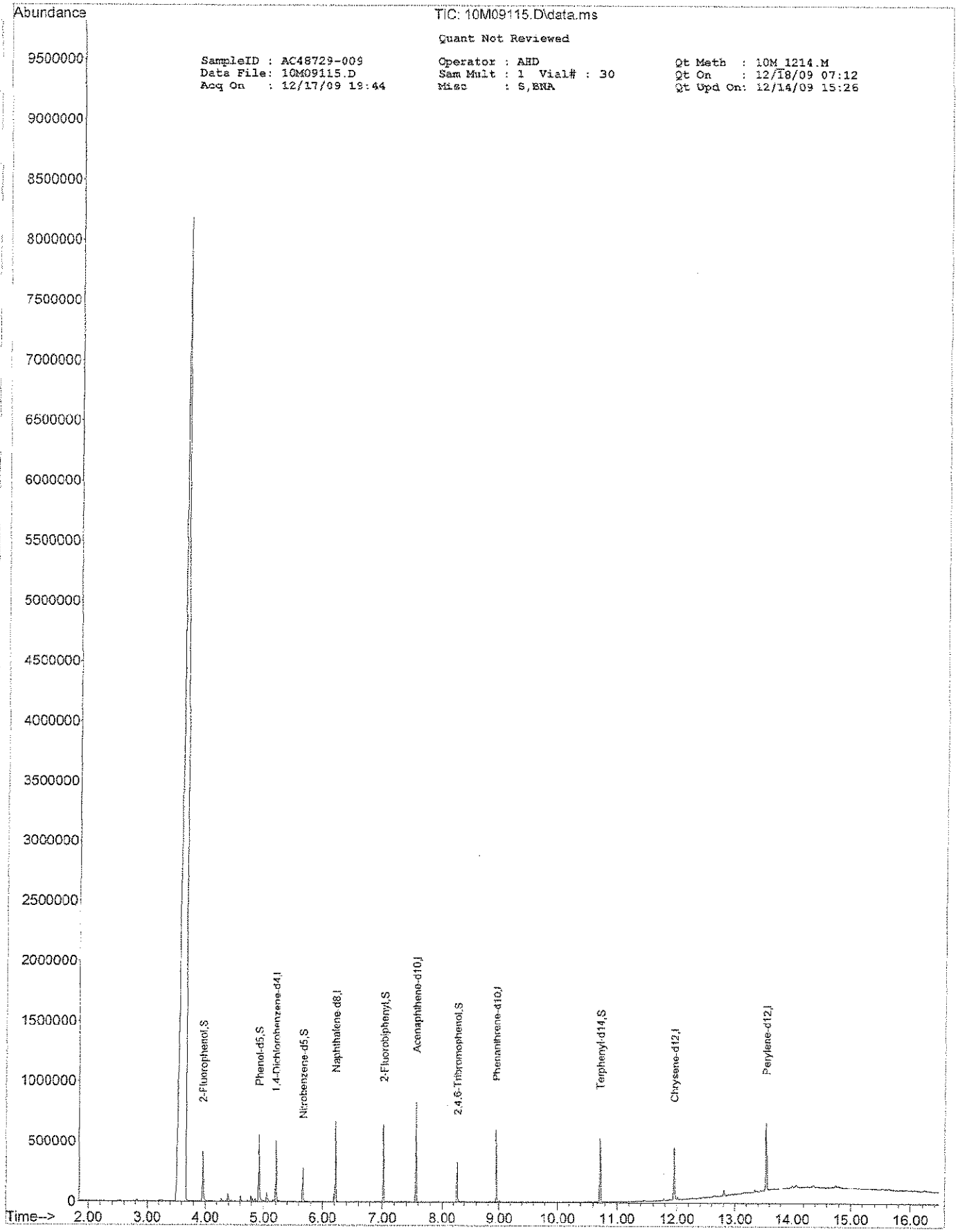
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Ue

TIC: 10M09115.D\data.ms

Quant Not Reviewed

SampleID : AC48729-009 | Operator : AHD | Qt Meth : 10M_1214.M
Data File: 10M09115.D | Sam Mult : 1 Vial# : 30 | Qt On : 12/18/09 07:12
Acq On : 12/17/09 19:44 | Misc : S,BNA | Qt Upd On: 12/14/09 15:26



Form1

ORGANICS SEMIVOLATILE REPORT

Sample Number: AC48729-010
Client Id: SS05-B
Data File: 9M22209.D
Analysis Date: 12/17/09 18:13
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

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
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

Worksheet #: 138424

Total Target Concentration 0

ColumnID: (^) Indicates results from 2nd column

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 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)

Data File: 9M22209.D
Acq On : 12/17/09 18:13
SampleID : AC48729-010
Operator : AHD
Sam Mult : 1 Vial# : 21
Misc : S,BNA
Qt Meth : 9M_1217.M
Qt On : 12/18/09 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	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	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	40.00	ng	0.00
67) Phenanthrene-d10	9.556	188	154569	40.00	ng	0.00
81) Chrysene-d12	12.604	240	109642	40.00	ng	0.00
96) Perylene-d12	14.214	264	106091	40.00	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	4.491	112	94739	69.66	ng	0.02
Spiked Amount 100.000			Recovery = 69.66%			
9) Phenol-d5	5.373	99	133831	69.63	ng	0.00
Spiked Amount 100.000			Recovery = 69.63%			
24) Nitrobenzene-d5	6.133	128	24735	32.44	ng	0.00
Spiked Amount 50.000			Recovery = 64.88%			
46) 2-Fluorobiphenyl	7.518	172	113751	33.45	ng	0.00
Spiked Amount 50.000			Recovery = 66.90%			
70) 2,4,6-Tribromophenol	8.839	330	21765	73.11	ng	0.00
Spiked Amount 100.000			Recovery = 73.11%			
84) Terphenyl-d14	11.358	244	116037	39.60	ng	0.00
Spiked Amount 50.000			Recovery = 79.20%			
Target Compounds						Qvalue

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

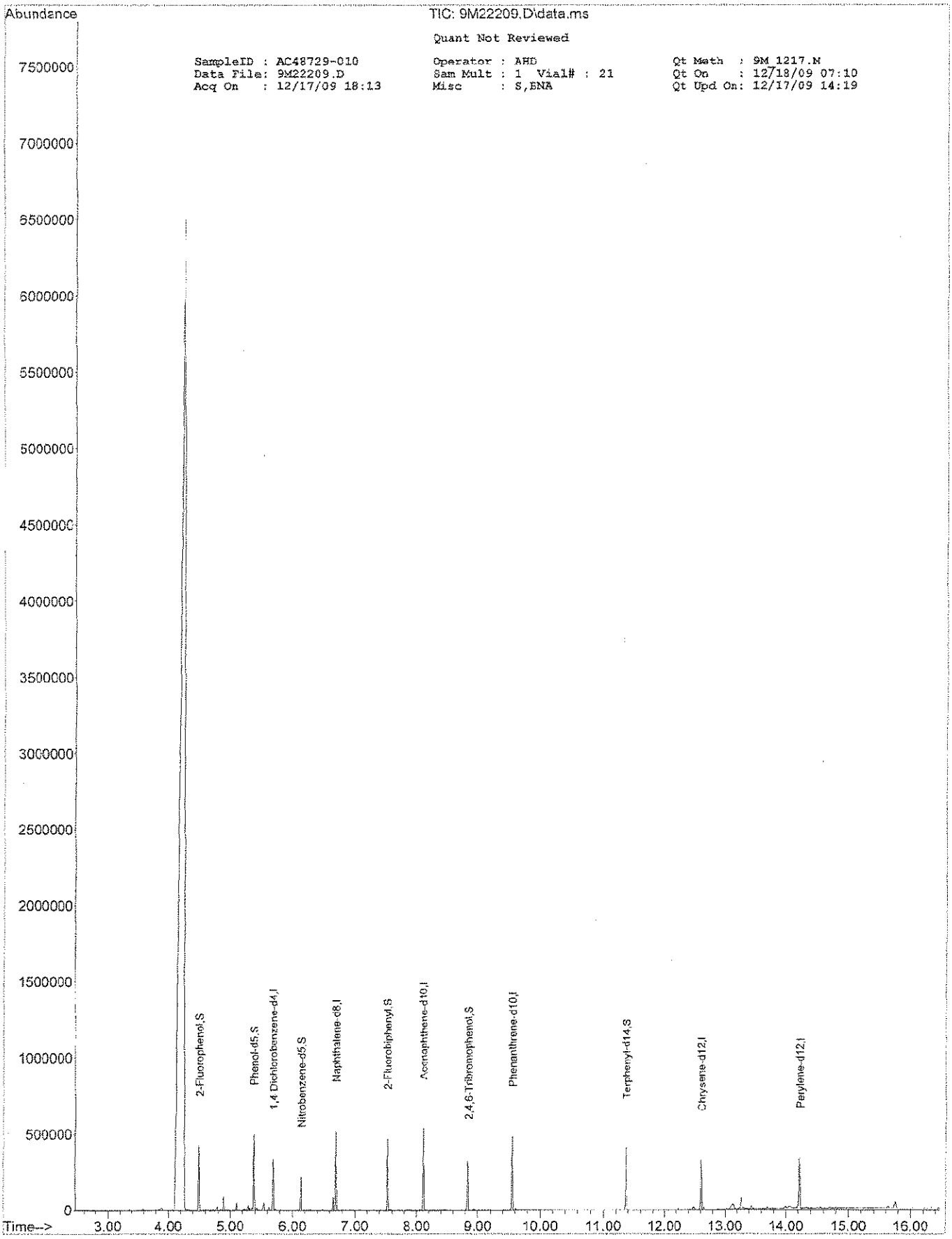
TIC: 9M22209.D\data.ms

Quant Not Reviewed

SampleID : AC48729-010
Data File: 9M22209.D
Acq On : 12/17/09 18:13

Operator : AHD
Sam Mult : 1 Vial# : 21
Misc : S,ENA

Qt Meth : 9M_1217.M
Qt On : 12/18/09 07:10
Qt Upd On: 12/17/09 14:19



Form1

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

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
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 0

ColumnID: (^) Indicates results from 2nd column

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 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.

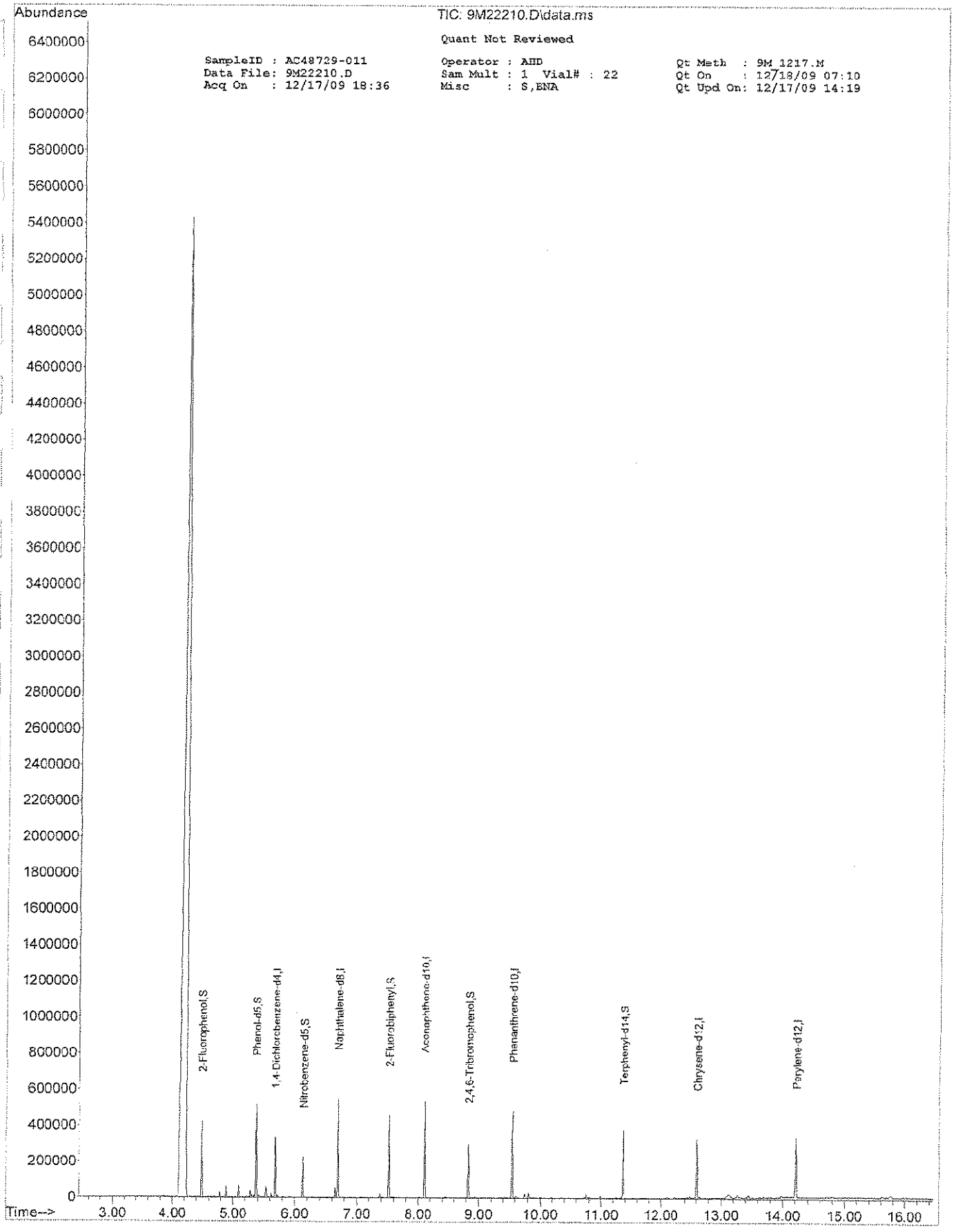
Quantitation Report (Not Reviewed)

SampleID : AC48729-011 Operator : AKD Qt Meth : 9M_1217.M
Data File: 9M22210.D Sam Mult : 1 Vial# : 22 Qt On : 12/18/09 07:10
Acq On : 12/17/09 18:36 Misc : S,BNA 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	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	5.683	152	44733	40.00	ng	0.00
23) Naphthalene-d8	6.689	136	184002	40.00	ng	0.00
41) Acenaphthene-d10	8.101	164	97811	40.00	ng	0.00
67) Phenanthrene-d10	9.556	188	154982	40.00	ng	0.00
81) Chrysene-d12	12.604	240	110703	40.00	ng	0.00
96) Perylene-d12	14.214	264	109369	40.00	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	4.485	112	97363	70.49	ng	0.02
Spiked Amount 100.000			Recovery = 70.49%			
9) Phenol-d5	5.373	99	132445	67.85	ng	0.00
Spiked Amount 100.000			Recovery = 67.85%			
24) Nitrobenzene-d5	6.133	128	24649	30.70	ng	0.00
Spiked Amount 50.000			Recovery = 61.40%			
46) 2-Fluorobiphenyl	7.518	172	114175	33.72	ng	0.00
Spiked Amount 50.000			Recovery = 67.44%			
70) 2,4,6-Tribromophenol	8.839	330	21751	72.92	ng	0.00
Spiked Amount 100.000			Recovery = 72.92%			
84) Terphenyl-d14	11.364	244	110771	37.44	ng	0.00
Spiked Amount 50.000			Recovery = 74.88%			
Target Compounds						Qvalue

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


Abundance
TIC: 9M22210.D\data.ms
Quant Not Reviewed
SampleID : AC48729-011
Data File: 9M22210.D
Acq On : 12/17/09 18:36
Operator : AHD
Sam Mult : 1 Vial# : 22
Misc : S,BNA
Qt Meth : 9M_1217.M
Qt On : 12/18/09 07:10
Qt Upd On: 12/17/09 14:19
6400000
6200000
6000000
5800000
5600000
5400000
5200000
5000000
4800000
4600000
4400000
4200000
4000000
3800000
3600000
3400000
3200000
3000000
2800000
2600000
2400000
2200000
2000000
1800000
1600000
1400000
1200000
1000000
800000
600000
400000
200000
0
Time-->
3.00
4.00
5.00
6.00
7.00
8.00
9.00
10.00
11.00
12.00
13.00
14.00
15.00
16.00
2-Fluorophenol,S
Phenol-d5,S
1,4-Dichlorobenzene-d4,I
Nitrobenzene-d5,S
Naphthalene-d8,I
2-Fluorobiphenyl,S
Acenaphthene-d10,I
2,4,6-Tribromophenol,S
Phenanthrene-d10,I
Terphenyl-d14,S
Chrysene-d12,I
Perylene-d12,I

Form1

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
83-32-9	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
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

Worksheet #: 138424

Total Target Concentration 0

ColumnID: (^) Indicates results from 2nd column

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 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.

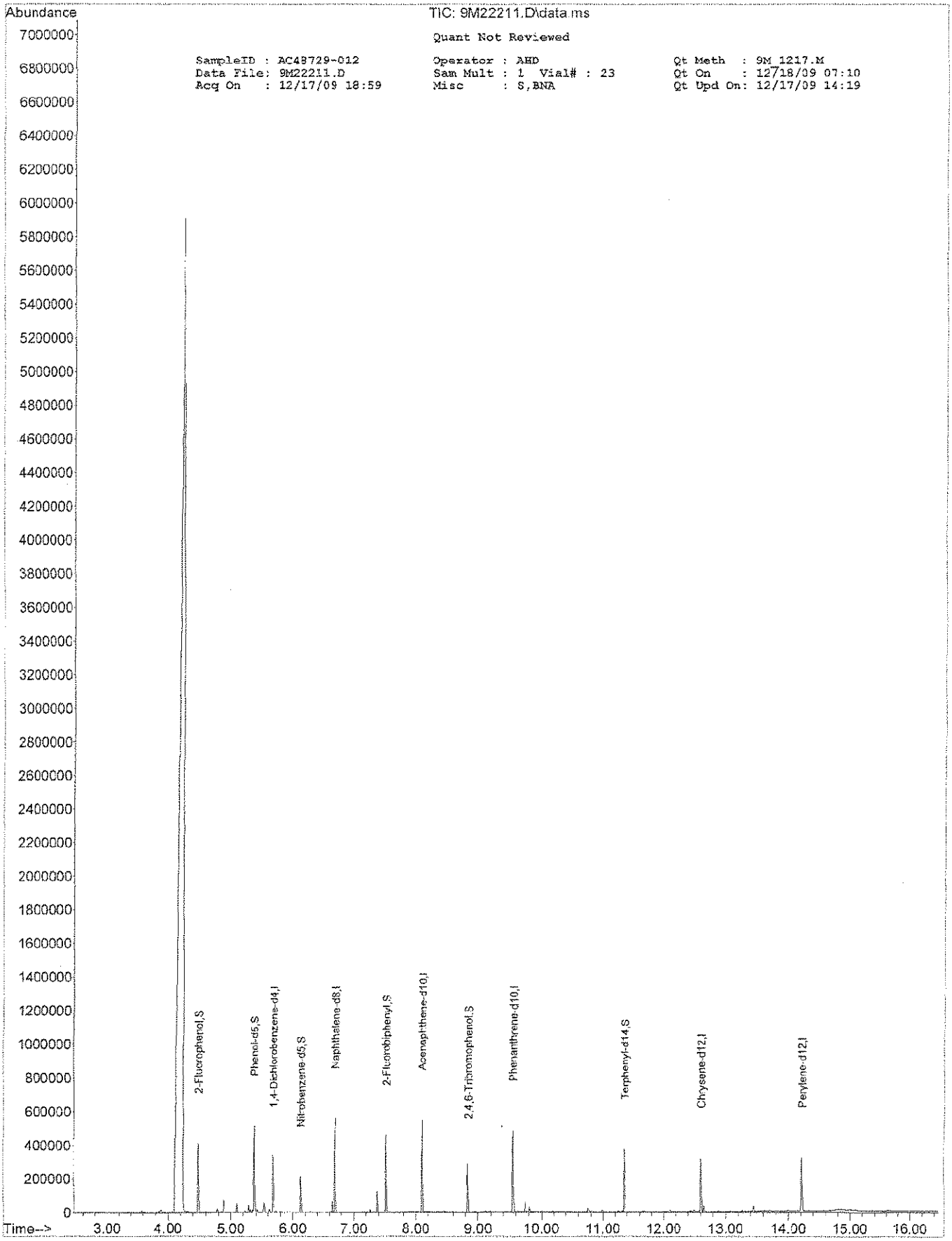
Quantitation Report (Not Reviewed)

SampleID : AC48729-012 Operator : AHD Qt Meth : 9M_1217.M
Data File: 9M22211.D Sam Mult : 1 Vial# : 23 Qt On : 12/18/09 07:10
Acq On : 12/17/09 18:59 Misc : S,BNA 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	Units	Dev(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	ng	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-d12	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 100.000			Recovery = 68.89%			
9) Phenol-d5	5.373	99	133842	67.60	ng	0.00
Spiked Amount 100.000			Recovery = 67.60%			
24) Nitrobenzene-d5	6.133	128	25144	31.28	ng	0.00
Spiked Amount 50.000			Recovery = 62.56%			
46) 2-Fluorobiphenyl	7.518	172	113280	32.29	ng	0.00
Spiked Amount 50.000			Recovery = 64.58%			
70) 2,4,6-Tribromophenol	8.839	330	20813	71.09	ng	0.00
Spiked Amount 100.000			Recovery = 71.09%			
84) Terphenyl-d14	11.358	244	109204	38.02	ng	0.00
Spiked Amount 50.000			Recovery = 76.04%			
Target Compounds						Qvalue

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


Abundance
TIC: 9M22211.D\data.ms
Quant Not Reviewed
SampleID : AC48729-012
Data File: 9M22211.D
Acq On : 12/17/09 18:59
Operator : AHD
Sam Mult : 1 Vial# : 23
Misc : S,BNA
Qt Meth : 9M_1217.M
Qt On : 12/18/09 07:10
Qt Upd On: 12/17/09 14:19
7000000
6800000
6600000
6400000
6200000
6000000
5800000
5600000
5400000
5200000
5000000
4800000
4600000
4400000
4200000
4000000
3800000
3600000
3400000
3200000
3000000
2800000
2600000
2400000
2200000
2000000
1800000
1600000
1400000
1200000
1000000
800000
600000
400000
200000
0
2-Fluorophenol,S
Phenol-d5,S
1,4-Dichlorobenzene-d4,I
Nitrobenzene-d5,S
Naphthalene-d8,I
2-Fluorobiphenyl,S
Acenaphthene-d10,I
2,4,6-Tribromophenol,S
Phenanthrene-d10,I
Terphenyl-d14,S
Chrysene-d12,I
Perylene-d12,I
Time-->
3.00
4.00
5.00
6.00
7.00
8.00
9.00
10.00
11.00
12.00
13.00
14.00
15.00
16.00

Form1

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

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
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

Worksheet #: 138424

Total Target Concentration 0

ColumnID: (^) Indicates results from 2nd column

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 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 : AC48729-013 Operator : AHD Qt Meth : 9M 1217.M
Data File: 9M22212.D Sam Mult : 1 Vial# : 24 Qt On : 12/18/09 07:10
Acq On : 12/17/09 19:22 Misc : S,ENA 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	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	5.683	152	40523	40.00	ng	0.00
23) Naphthalene-d8	6.689	136	159631	40.00	ng	0.00
41) Acenaphthene-d10	8.101	164	85754	40.00	ng	0.00
67) Phenanthrene-d10	9.556	188	133759	40.00	ng	0.00
81) Chrysene-d12	12.605	240	97107	40.00	ng	0.00
95) Perylene-d12	14.214	264	95591	40.00	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	4.491	112	106950	85.47	ng	0.02
Spiked Amount 100.000			Recovery =	85.47%		
9) Phenol-d5	5.373	99	149504	84.54	ng	0.00
Spiked Amount 100.000			Recovery =	84.54%		
24) Nitrobenzene-d5	6.133	128	27918	40.09	ng	0.00
Spiked Amount 50.000			Recovery =	80.18%		
46) 2-Fluorobiphenyl	7.518	172	130198	43.86	ng	0.00
Spiked Amount 50.000			Recovery =	87.72%		
70) 2,4,6-Tribromophenol	8.839	330	23239	90.27	ng	0.00
Spiked Amount 100.000			Recovery =	90.27%		
84) Terphenyl-d14	11.364	244	123299	47.51	ng	0.00
Spiked Amount 50.000			Recovery =	95.02%		
Target Compounds						Qvalue

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

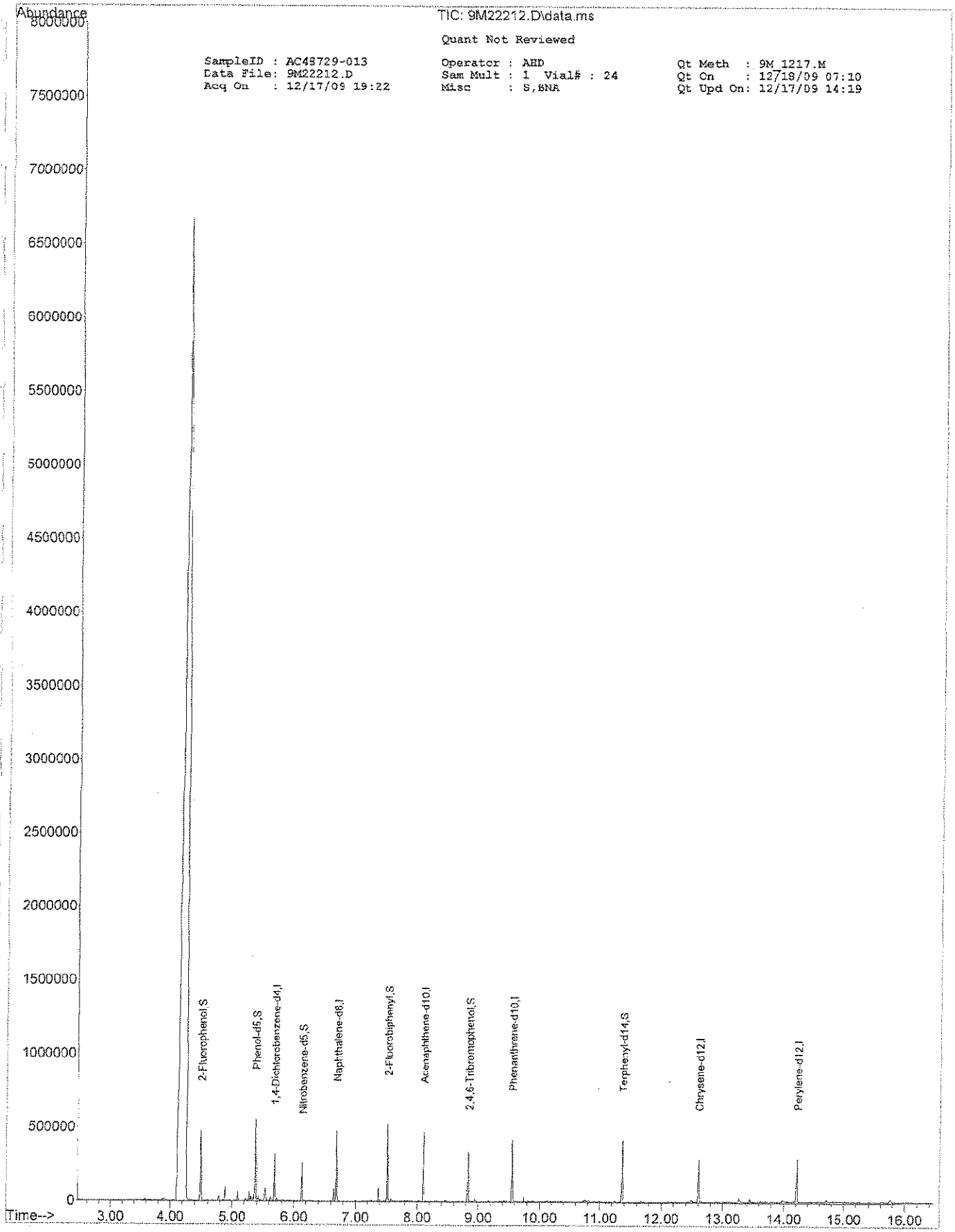
TIC: 9M22212.D\data.ms

Quant Not Reviewed

SampleID : AC48729-013
Data File: 9M22212.D
Acq On : 12/17/09 19:22

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

Qt Meth : 9M_1217.M
Qt On : 12/18/09 07:10
Qt Upd On: 12/17/09 14:19



Form1

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

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]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	0.071	U	129-00-0	Pyrene	0.071	U

Worksheet #: 138424

Total Target Concentration 0

ColumnID: (^) Indicates results from 2nd column

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 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.

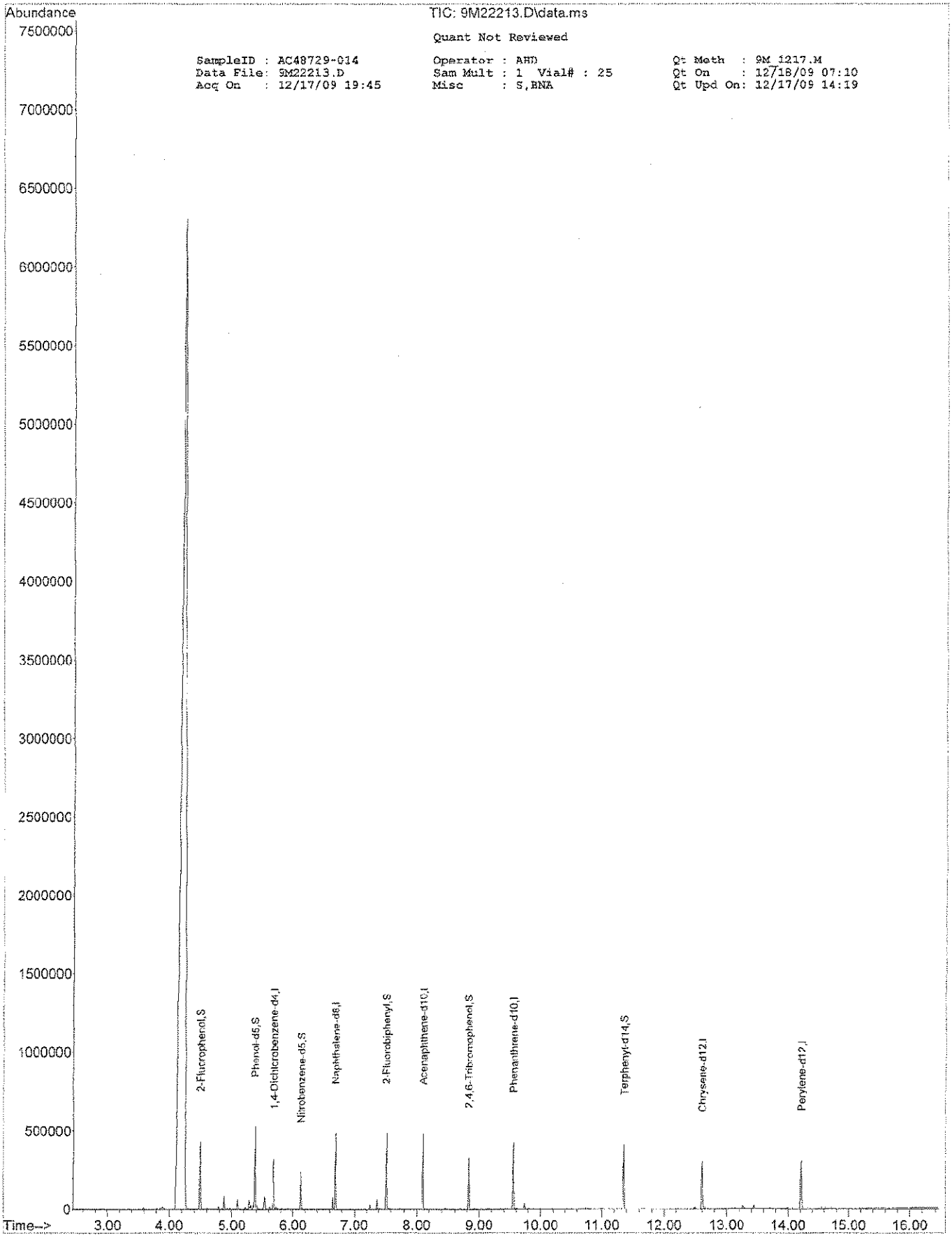
Quantitation Report (Not Reviewed)

Data File: 9M22213.D Sample ID: AC48729-014
Acq On : 12/17/09 19:45 Operator : AHD
Sam Mult : 1 Vial# : 25 Misc : S,BNA
Qt Meth : 9M_1217.M
Qt On : 12/18/09 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	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	5.684	152	40747	40.00	ng	0.00
23) Naphthalene-d8	5.689	136	157750	40.00	ng	0.00
41) Acenaphthene-d10	8.101	164	85796	40.00	ng	0.00
67) Phenanthrene-d10	9.556	188	137822	40.00	ng	0.00
81) Chrysene-d12	12.605	240	101083	40.00	ng	0.00
96) Perylene-d12	14.215	264	98938	40.00	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	4.491	112	100490	79.87	ng	0.02
Spiked Amount 100.000			Recovery = 79.87%			
9) Phenol-d5	5.373	99	139423	78.41	ng	0.00
Spiked Amount 100.000			Recovery = 78.41%			
24) Nitrobenzene-d5	6.133	128	26293	38.20	ng	0.00
Spiked Amount 50.000			Recovery = 76.40%			
46) 2-Fluorobiphenyl	7.518	172	118697	39.97	ng	0.00
Spiked Amount 50.000			Recovery = 79.94%			
70) 2,4,6-Tribromophenol	8.834	330	22162	83.55	ng	0.00
Spiked Amount 100.000			Recovery = 83.55%			
84) Terphenyl-d14	11.358	244	117633	43.54	ng	0.00
Spiked Amount 50.000			Recovery = 87.08%			
Target Compounds						Qvalue

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


Abundance
TIC: 9M22213.D\data.ms
Quant Not Reviewed
SampleID : AC48729-014
Data File: 9M22213.D
Acq On : 12/17/09 19:45
Operator : AHD
Sam Mult : 1 Vial# : 25
Misc : S,BNA
Qt Meth : 9M_1217.M
Qt On : 12/18/09 07:10
Qt Upd On: 12/17/09 14:19
7500000
7000000
6500000
6000000
5500000
5000000
4500000
4000000
3500000
3000000
2500000
2000000
1500000
1000000
500000
0
2-Fluorophenol,S
Phenol-d5,S
1,4-Dichlorobenzene-d4,I
Nitrobenzene-d5,S
Naphthalene-d8,I
2-Fluorobiphenyl,S
Acenaphthene-d10,I
2,4,6-Tribromophenol,S
Phenanthrene-d10,I
Terphenyl-d14,S
Chrysene-d12,I
Perylene-d12,I
Time-->
3.00
4.00
5.00
6.00
7.00
8.00
9.00
10.00
11.00
12.00
13.00
14.00
15.00
16.00

Form1

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

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
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 0

ColumnID: (^) Indicates results from 2nd column

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 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)

SampleID : AC48729-015 Operator : AHD Qt Meth : 9M_1217.M
Data File: 9M22214.D San Mult : 1 Vial# : 26 Qt On : 12/18/09 07:11
Acq On : 12/17/09 20:08 Misc : S,BNA Qt Upd On: 12/17/09 14:19

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.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	5.683	152	38198	40.00	ng	0.00
23) Naphthalene-d8	6.689	136	150529	40.00	ng	0.00
41) Acenaphthene-d10	8.101	164	82396	40.00	ng	0.00
67) Phenanthrene-d10	9.556	188	137225	40.00	ng	0.00
81) Chrysene-d12	12.605	240	99370	40.00	ng	0.00
96) Perylene-d12	14.214	264	94759	40.00	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	4.485	112	98417	83.44	ng	0.02
Spiked Amount 100.000			Recovery =	83.44%		
9) Phenol-d5	5.373	99	138753	83.24	ng	0.00
Spiked Amount 100.000			Recovery =	83.24%		
24) Nitrobenzene-d5	6.133	128	26563	40.45	ng	0.00
Spiked Amount 50.000			Recovery =	80.90%		
46) 2-Fluorobiphenyl	7.518	172	119962	42.06	ng	0.00
Spiked Amount 50.000			Recovery =	84.12%		
70) 2,4,6-Tribromophenol	8.639	330	23971	90.76	ng	0.00
Spiked Amount 100.000			Recovery =	90.76%		
84) Terphenyl-d14	11.364	244	123964	46.68	ng	0.00
Spiked Amount 50.000			Recovery =	93.36%		
Target Compounds						Qvalue

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

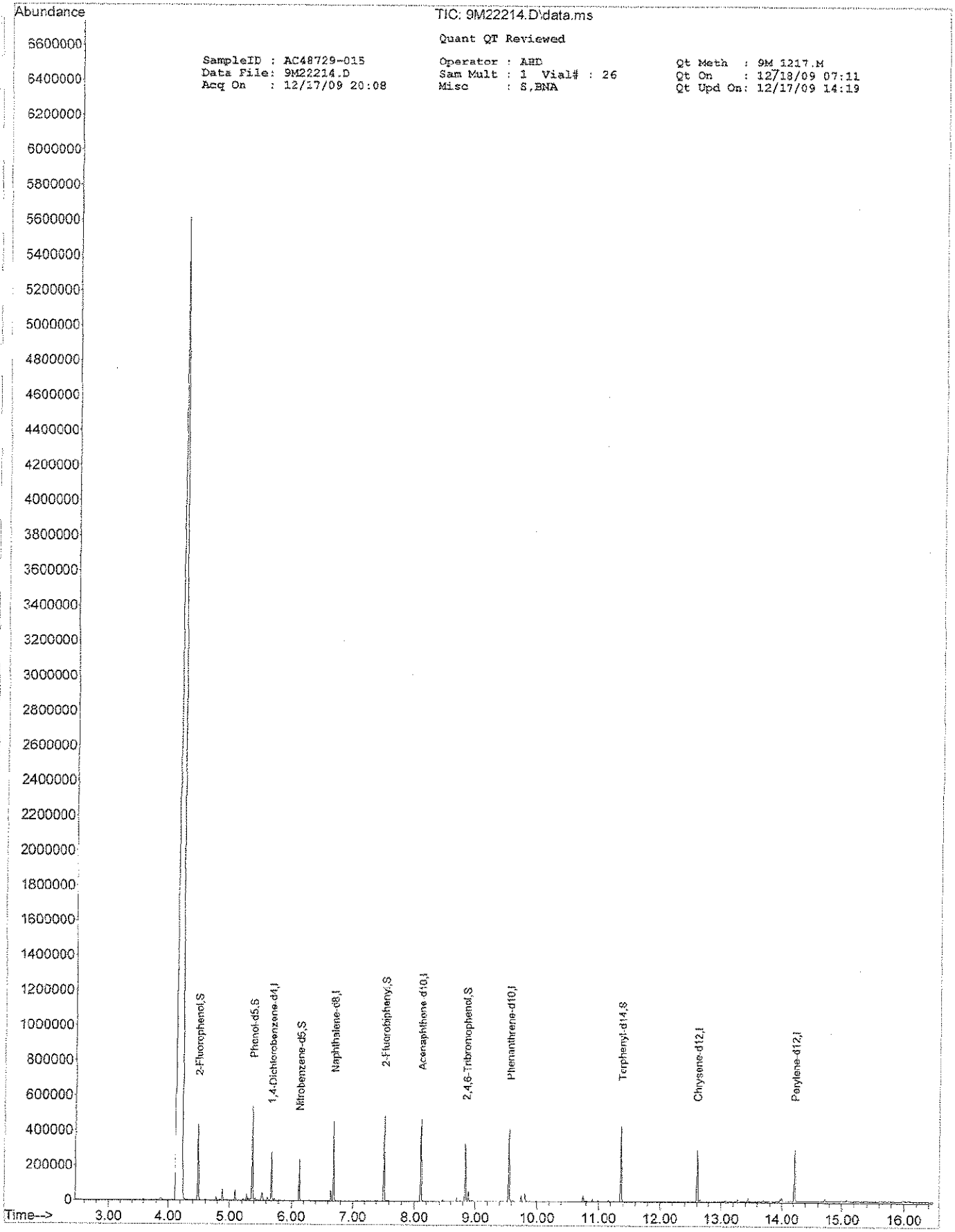
TIC: 9M22214.D\data.ms

Quant QT Reviewed

SampleID : AC48729-015
Data File: 9M22214.D
Acq On : 12/17/09 20:08

Operator : AHD
Sam Mult : 1 Vial# : 26
Misc : S,BNA

Qt Meth : 9M_1217.M
Qt On : 12/18/09 07:11
Qt Upd On: 12/17/09 14:19



Form1

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

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
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	Benzo[g,h,i]perylene	0.098	U	85-01-8	Phenanthrene	0.098	U
207-08-9	Benzo[k]fluoranthene	0.098	U	129-00-0	Pyrene	0.098	U

Worksheet #: 138424

Total Target Concentration 0

ColumnID: (^) Indicates results from 2nd column

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 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 Operator : AHD Qt Meth : 9M_1217.M
Data File: 9M22215.D Sam Mult : 1 Vial# : 27 Qt On : 12/18/09 07:11
Acq On : 12/17/09 20:31 Misc : S,BNA 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 Units	Dev(Min)
Internal Standards					
1) 1,4-Dichlorobenzene-d4	5.684	152	40197	40.00 ng	0.00
23) Naphthalene-d8	6.689	136	153579	40.00 ng	0.00
41) Acenaphthene-d10	8.101	164	84017	40.00 ng	0.00
67) Phenanthrene-d10	9.556	188	139527	40.00 ng	0.00
81) Chrysene-d12	12.605	240	100184	40.00 ng	0.00
96) Perylene-d12	14.215	264	97699	40.00 ng	0.00
System Monitoring Compounds					
4) 2-Fluorophenol	4.491	112	90837	73.18 ng	0.02
Spiked Amount 100.000			Recovery = 73.18%		
9) Phenol-d5	5.373	99	127017	72.41 ng	0.00
Spiked Amount 100.000			Recovery = 72.41%		
24) Nitrobenzene-d5	6.133	128	23623	35.26 ng	0.00
Spiked Amount 50.000			Recovery = 70.52%		
46) 2-Fluorobiphenyl	7.518	172	108475	37.30 ng	0.00
Spiked Amount 50.000			Recovery = 74.60%		
70) 2,4,6-Tribromophenol	8.839	330	21747	80.98 ng	0.00
Spiked Amount 100.000			Recovery = 80.98%		
84) Terphenyl-d14	11.358	244	115878	43.28 ng	0.00
Spiked Amount 50.000			Recovery = 86.56%		
Target Compounds					Qvalue

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

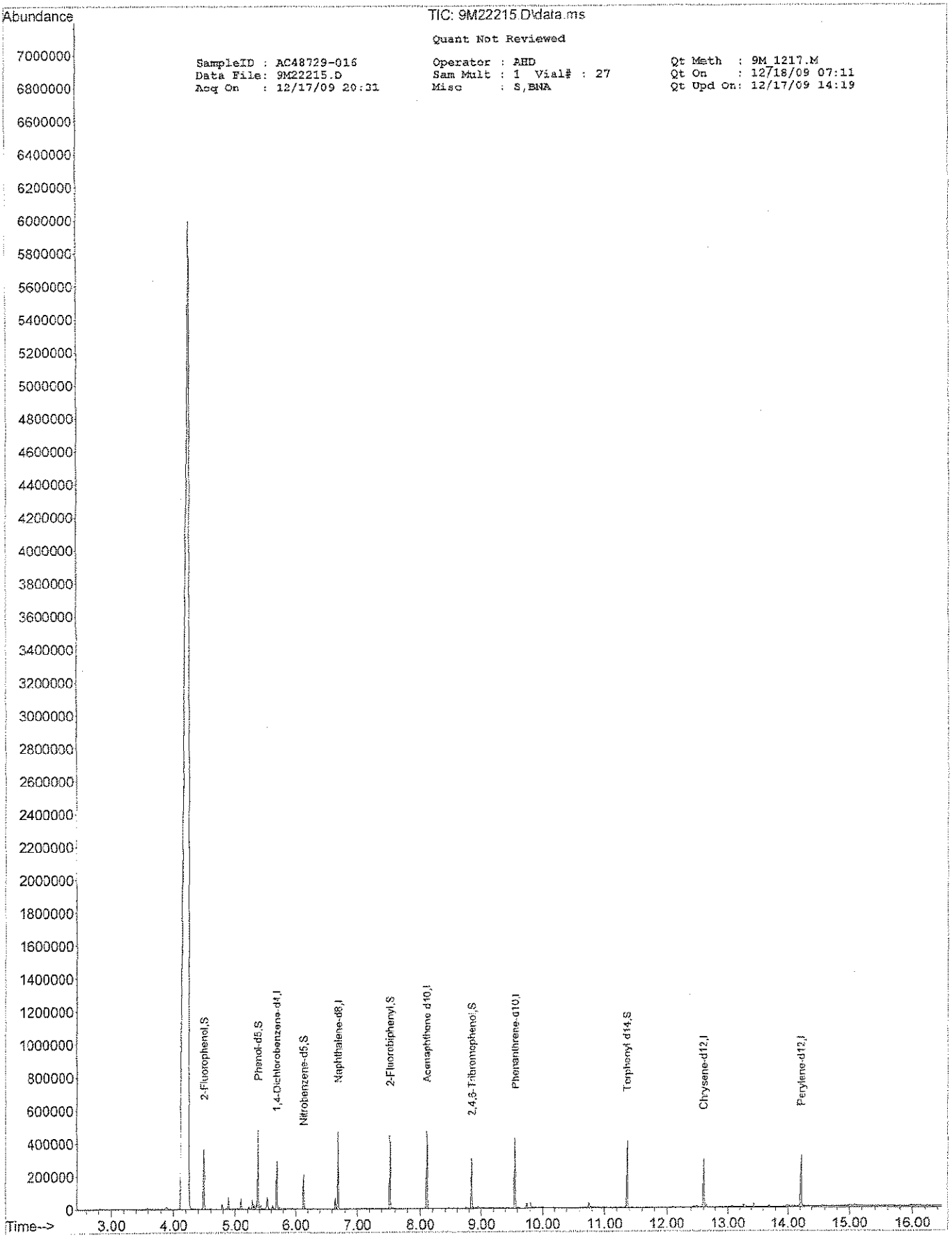
TIC: 9M22215.D\data.ms

Quant 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



Form1

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

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	U	53-70-3	Dibenzo[a,h]anthracene	2.1	U
120-12-7	Anthracene	2.1	U	206-44-0	Fluoranthene	2.1	U
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
191-24-2	Benzo[g,h,i]perylene	2.1	U	85-01-8	Phenanthrene	2.1	U
207-08-9	Benzo[k]fluoranthene	2.1	U	129-00-0	Pyrene	2.1	U

Worksheet #: 138424

Total Target Concentration 0

ColumnID: (^) Indicates results from 2nd column

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 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 : AC48729-017 Operator : AHD Qt Meth : 9M_1116.M
Data File: 9M22092.D Sam Mult : 1 Vial# : 4 Qt On : 12/10/09 12:21
Acq On : 12/10/09 11:01 Misc : A,BN Qt Upd On: 12/09/09 08:36

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 Units	Dev(Min)
Internal Standards					
1) 1,4-Dichlorobenzene-d4	5.717	152	21525	40.00 ng	-0.01
23) Naphthalene-d8	6.728	136	87601	40.00 ng	-0.01
41) Acenaphthene-d10	8.146	164	50748	40.00 ng	-0.02
67) Phenanthrene-d10	9.606	188	85775	40.00 ng	-0.02
81) Chrysene-d12	12.655	240	78674	40.00 ng	-0.02
96) Perylene-d12	14.270	264	83202	40.00 ng	-0.02
System Monitoring Compounds					
4) 2-Fluorophenol	0.000	112	0	0.00 ng	
Spiked Amount 100.000			Recovery =	0.00%	
9) Phenol-d5	0.000	99	0	0.00 ng	
Spiked Amount 100.000			Recovery =	0.00%	
24) Nitrobenzene-d5	6.167	128	15271	38.74 ng	-0.01
Spiked Amount 50.000			Recovery =	77.48%	
46) 2-Fluorobiphenyl	7.557	172	70518	39.82 ng	-0.02
Spiked Amount 50.000			Recovery =	79.64%	
70) 2,4,6-Tribromophenol	0.000	330	0	0.00 ng	
Spiked Amount 100.000			Recovery =	0.00%	
84) Terphenyl-d14	11.408	244	95163	43.23 ng	-0.02
Spiked Amount 50.000			Recovery =	86.46%	

Target Compounds	Qvalue

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

Form1

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	Aroclor-1016	0.25	U	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	Aroclor-1232	0.25	U	37324-23-5	Aroclor-1262	0.25	U
3469-21-9	Aroclor-1242	0.25	U	11100-14-4	Aroclor-1268	0.25	U
2672-29-6	Aroclor-1248	0.25	U				

Worksheet #: 138419

Total Target Concentration 0

ColumnID: (^) Indicates results from 2nd column

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 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 #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	2.959	1357953	1103499	80.288	78.395
4)DCB-Surrogate	9.074	9.441	1641309	1160950	71.355m	77.933m

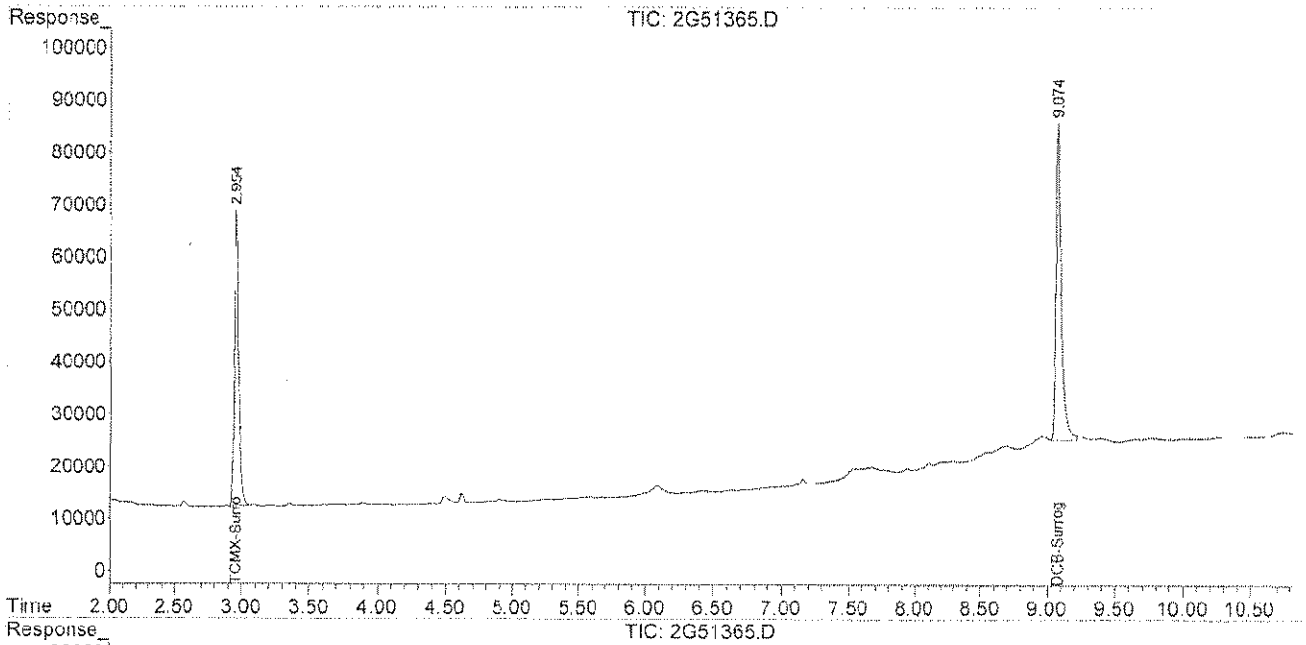
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

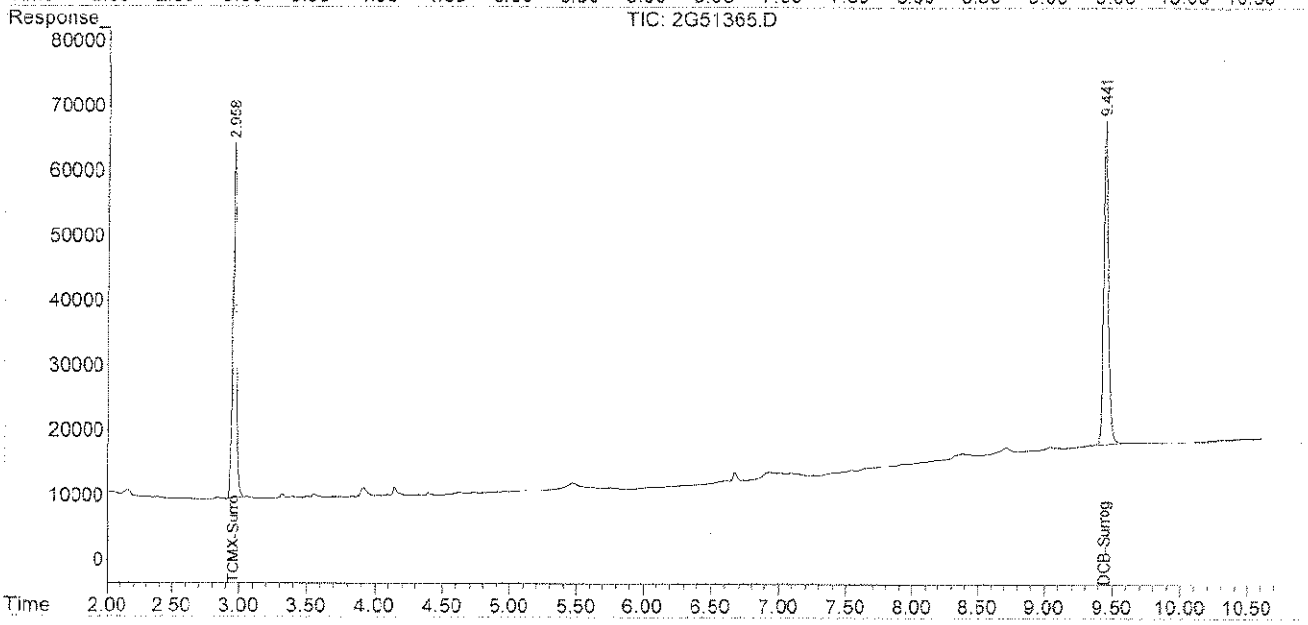
ug

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





Form1

ORGANICS PCB REPORT

Sample Number: SMB2483B
Client Id:
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	Aroclor-1016	0.025	U	11097-69-1	Aroclor-1254	0.025	U
1104-28-2	Aroclor-1221	0.025	U	11096-82-5	Aroclor-1260	0.025	U
11141-16-5	Aroclor-1232	0.025	U	37324-23-5	Aroclor-1262	0.025	U
53469-21-9	Aroclor-1242	0.025	U	11100-14-4	Aroclor-1268	0.025	U
12672-29-6	Aroclor-1248	0.025	U				

Worksheet #: 138419

Total Target Concentration 0

ColumnID: (^) Indicates results from 2nd column

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 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 : 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 :

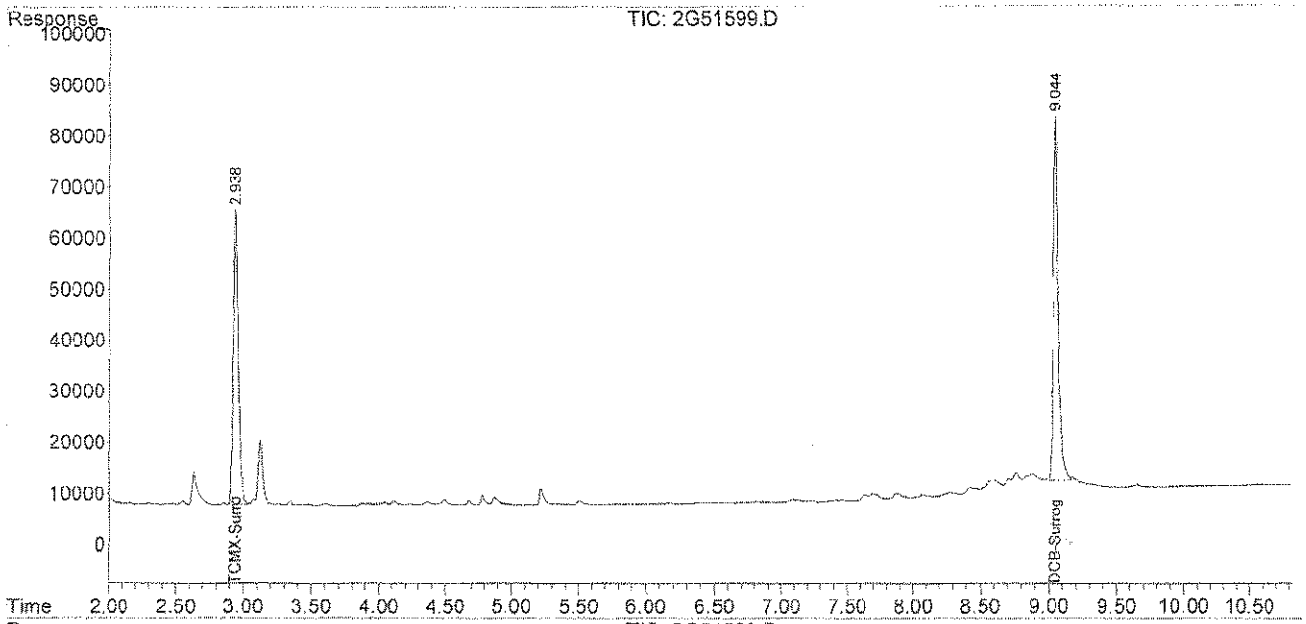
Compound	RT#1	RT#2	Resp#1	Resp#2	pg#1	pg#2
Target Compounds						
1)TCMX-Surrogate	2.938	2.948	1415405	1386449	77.589	104.385 #
4)DCB-Surrogate	9.044	9.422	1827790	1404931	77.598m	95.198

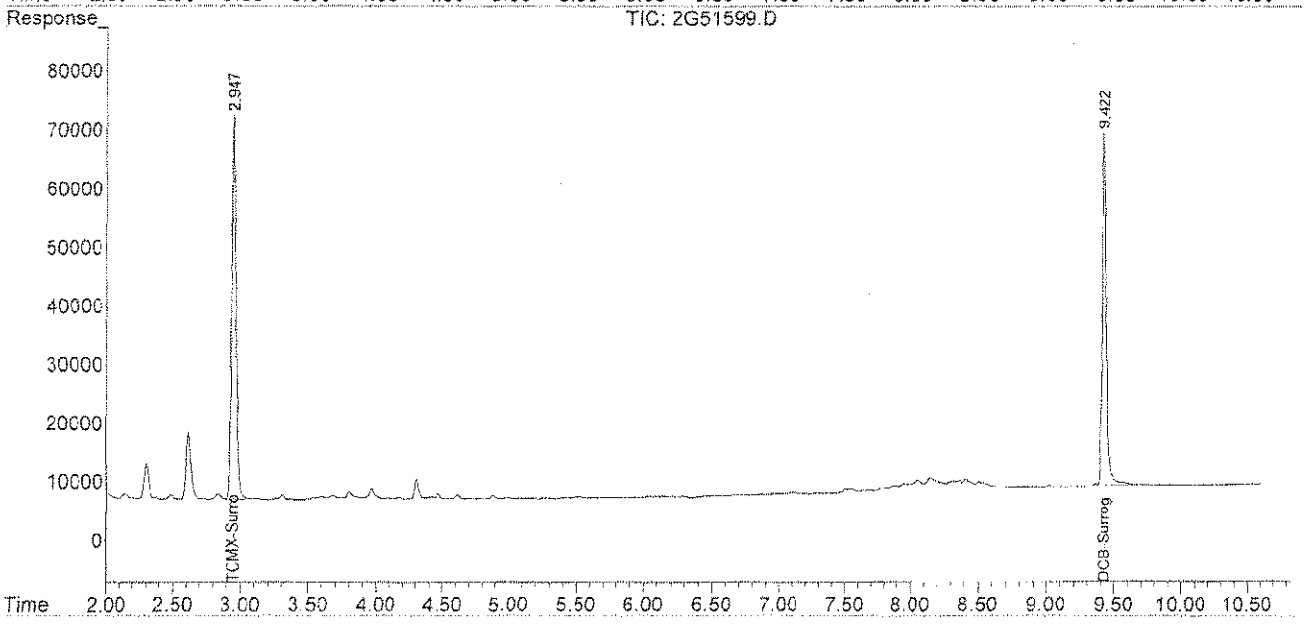
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

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 :





Form1

ORGANICS PCB REPORT

Sample Number: AC48729-001
Client Id: 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
12674-11-2	Aroclor-1016	0.027	U	11097-69-1	Aroclor-1254	0.027	U
11104-28-2	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
53469-21-9	Aroclor-1242	0.027	U	11100-14-4	Aroclor-1268	0.027	U
12672-29-6	Aroclor-1248	0.027	U	1336-36-3	Aroclor (Total)	0.027	U

Worksheet #: 138419

Total Target Concentration 0

ColumnID: (^) Indicates results from 2nd column

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 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
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 #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	1450880	79.891m	98.312

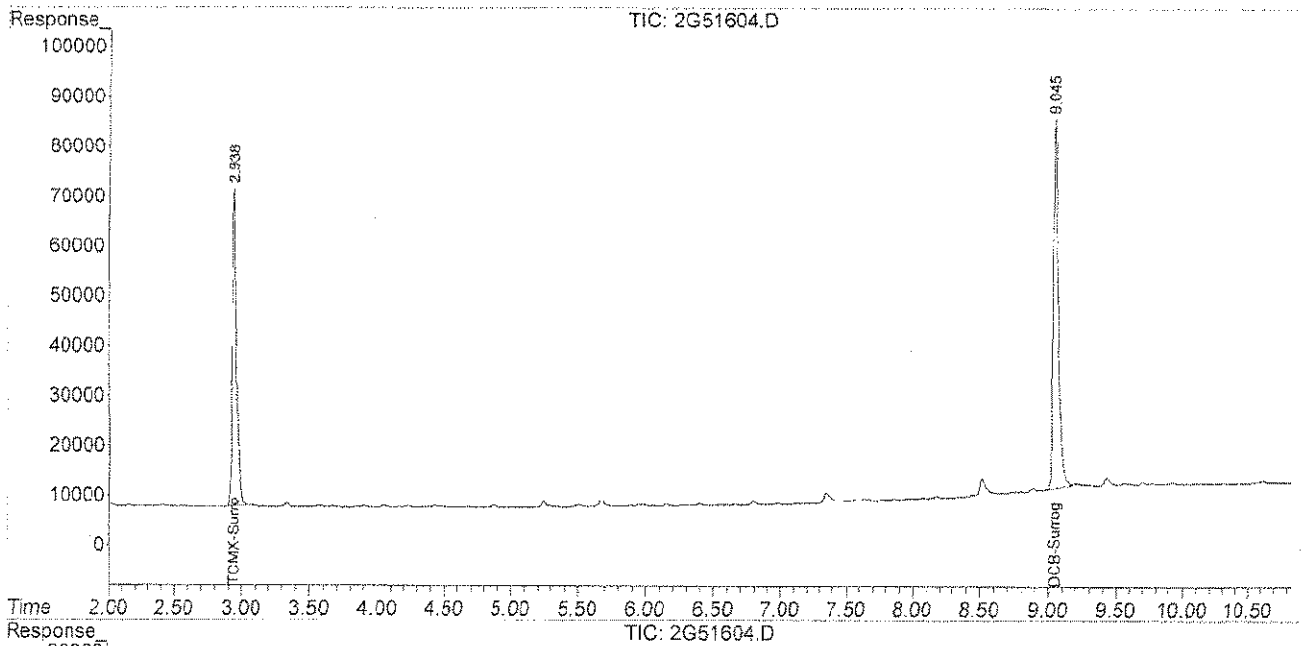
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

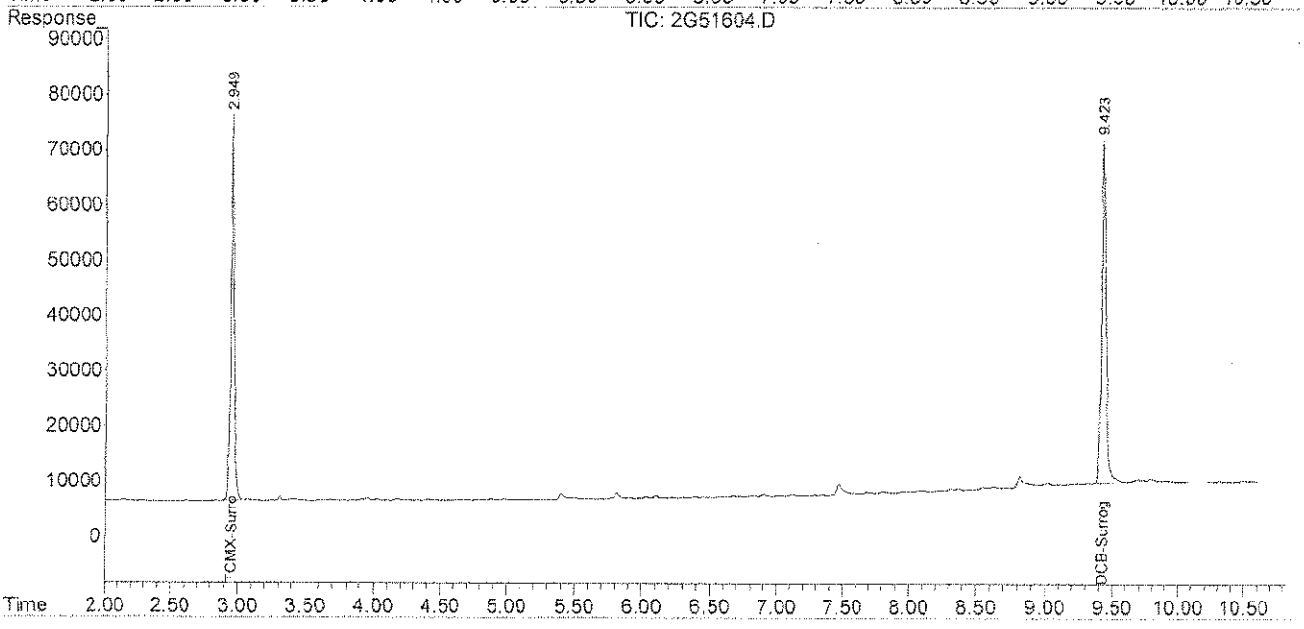
B

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
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 #1 Info : Signal #2 Info :





Form1

ORGANICS PCB REPORT

Sample Number: AC48729-002
Client Id: 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
12674-11-2	Aroclor-1016	0.029	U	11097-69-1	Aroclor-1254	0.029	U
11104-28-2	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
53469-21-9	Aroclor-1242	0.029	U	11100-14-4	Aroclor-1268	0.029	U
12672-29-6	Aroclor-1248	0.029	U	1336-36-3	Aroclor (Total)	0.029	U

Worksheet #: 138419

Total Target Concentration 0

ColumnID: (^) Indicates results from 2nd column

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 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 : 2G51605.D
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 #1 Info : Signal #2 Info :

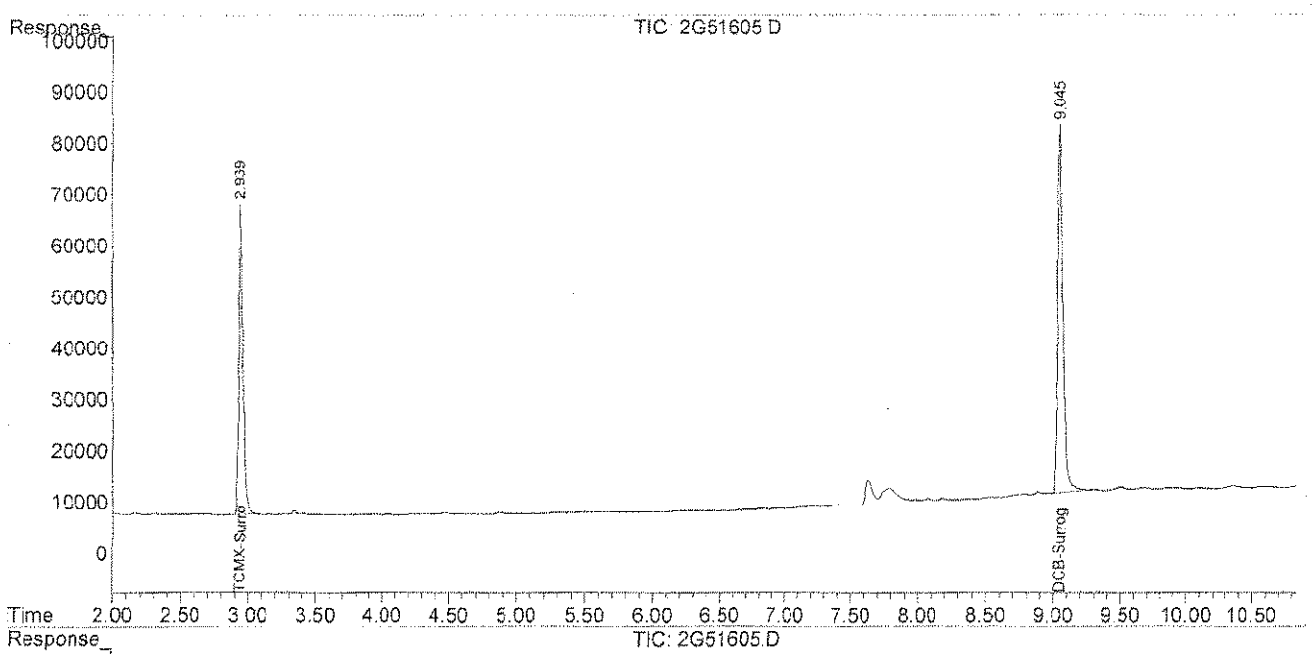
Compound	RT#1	RT#2	Resp#1	Resp#2	pg#1	pg#2
Target Compounds						
1)TCMX-Surrogate	2.940	2.950	1454861	1341911	79.752	101.032 #
4)DCB-Surrogate	9.045	9.423	1867775	1415784	79.295m	95.934m

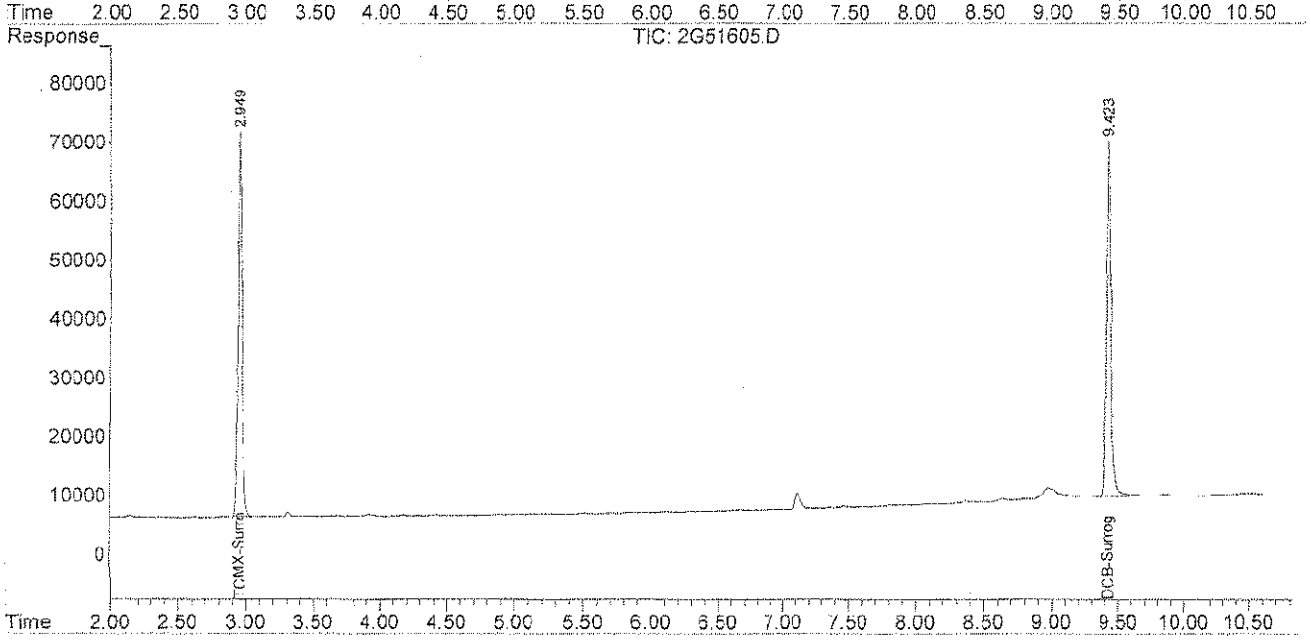
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : G:\Gcdata\2009\GC_2\Data\12-1809\
Data File : 2G51605.D
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 #1 Info : Signal #2 Info :





Form1

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

Cas #	Compound	RL	Conc	Cas #	Compound	RL	Conc
12674-11-2	Aroclor-1016	0.027	U	11097-69-1	Aroclor-1254	0.027	U
11104-28-2	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
53469-21-9	Aroclor-1242	0.027	U	11100-14-4	Aroclor-1268	0.027	U
12672-29-6	Aroclor-1248	0.027	U	1336-36-3	Aroclor (Total)	0.027	U

Worksheet #: 138419

Total Target Concentration 0

ColumnID: (^) Indicates results from 2nd column

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 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 : C:\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						
1)TCMX-Surrogate	2.940	2.951	1606627	1474790	88.071	111.036 #
4)DCB-Surrogate	9.046	9.424	2012737	1501655	85.450m	101.752m

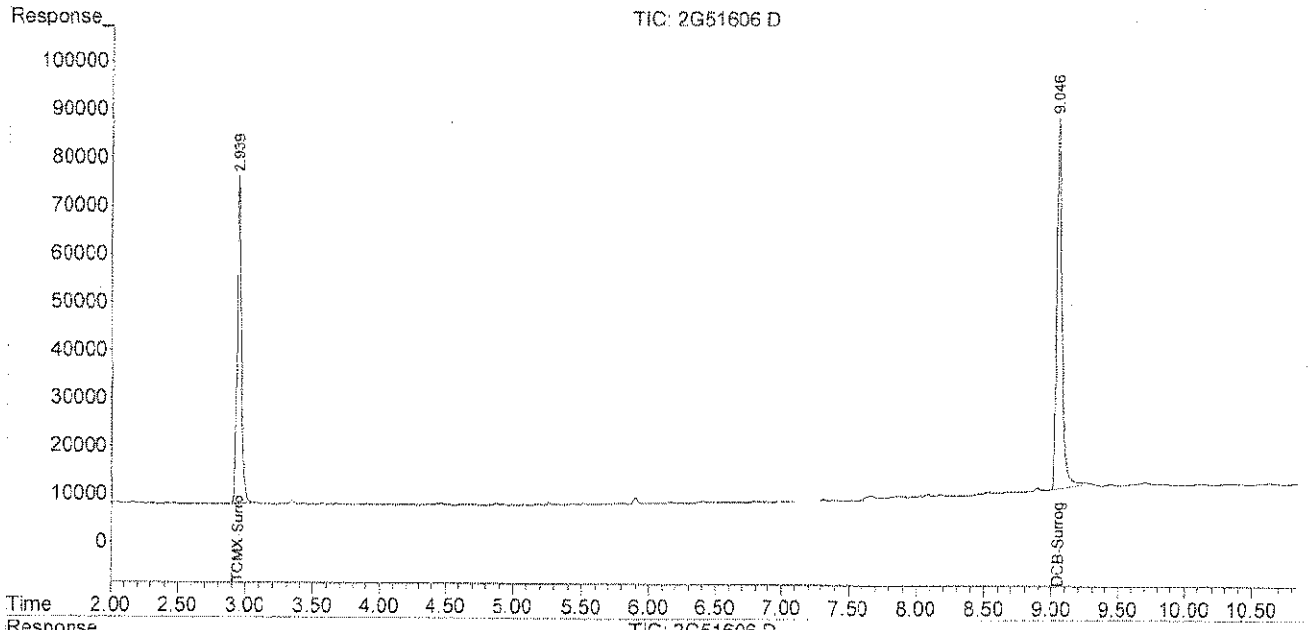
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

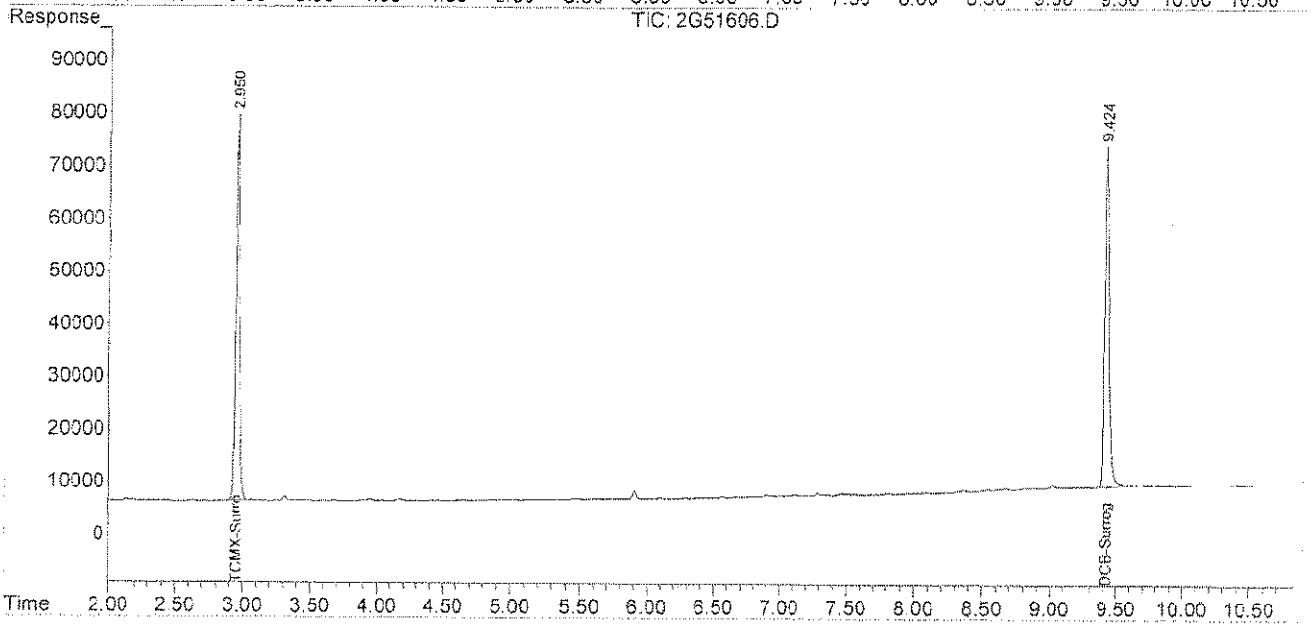
MS

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 :





Form1

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
12674-11-2	Aroclor-1016	0.029	U	11097-69-1	Aroclor-1254	0.029	U
11104-28-2	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
53469-21-9	Aroclor-1242	0.029	U	11100-14-4	Aroclor-1268	0.029	U
12672-29-6	Aroclor-1248	0.029	U	1336-36-3	Aroclor (Total)	0.029	U

Worksheet #: 138419

Total Target Concentration 0

ColumnID: (^) Indicates results from 2nd column

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 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.

Form1

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
12674-11-2	Aroclor-1016	0.027	U	11097-69-1	Aroclor-1254	0.027	U
11104-28-2	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
53469-21-9	Aroclor-1242	0.027	U	11100-14-4	Aroclor-1268	0.027	U
12672-29-6	Aroclor-1248	0.027	U	1336-36-3	Aroclor (Total)	0.027	U

Worksheet #: 138419

Total Target Concentration 0

ColumnID: (^) Indicates results from 2nd column

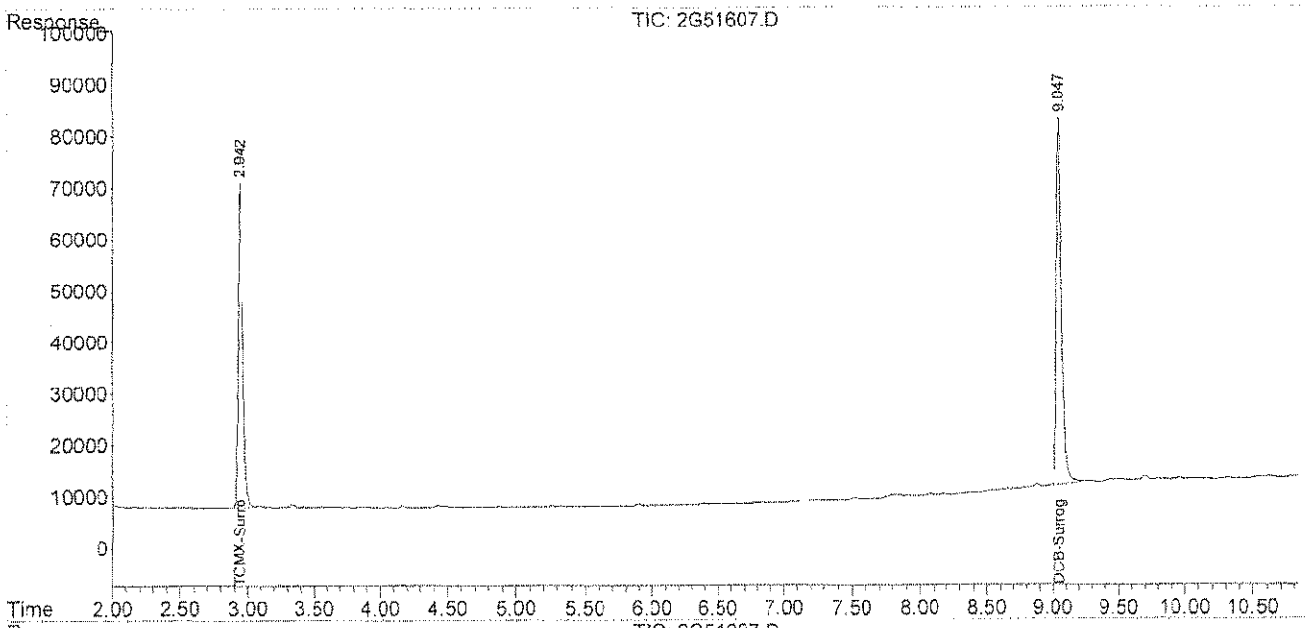
U - Indicates the compound was analyzed but not detected.
B - Indicates the analyte was found in the blank as well as in the sample.
E - Indicates the analyte concentration exceeds the calibration range of the instrument.

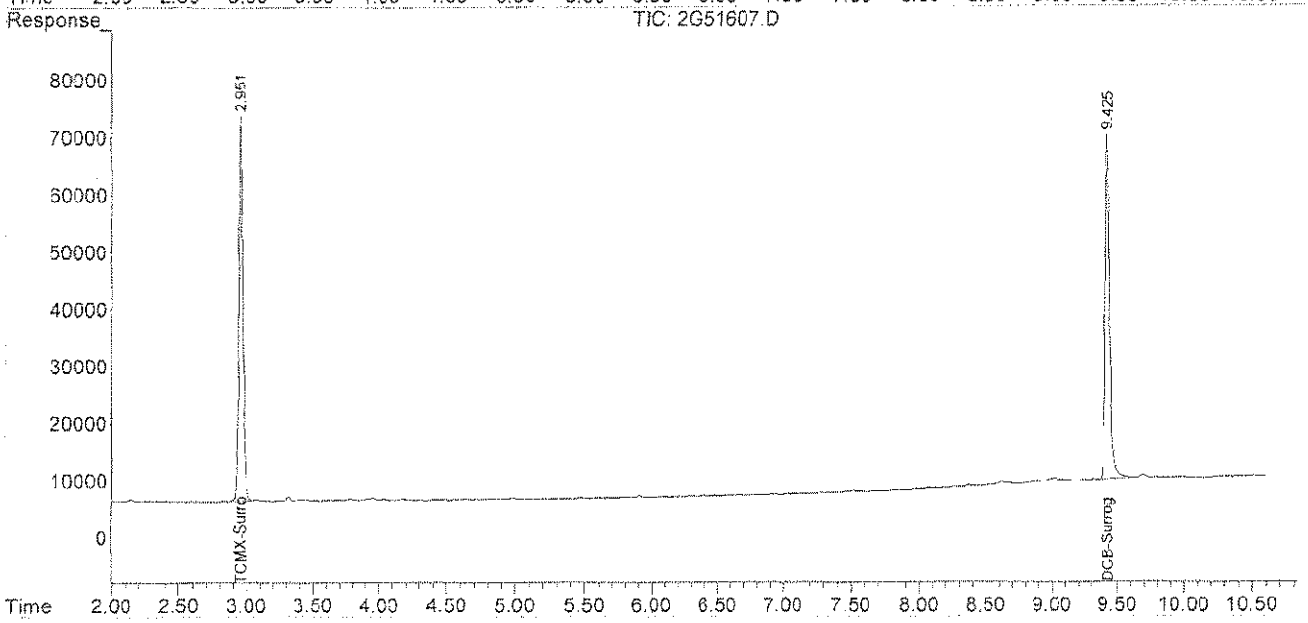
R - Retention Time Out
J - Indicates an estimated value when a compound is detected at less than the specified detection limit.
d - Pesticide %Diff>40% between columns due to coelution. Lower concentration used.

Data Path : G:\Gcdata\2009\GC_2\Data\12-1809\
Data File : 2G51607.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 18 Dec 2009 2:24
Operator : MS
Sample : AC48729-005
Misc : S,PCB
ALS Vial : 11 Sample Multiplier: 1

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





Form1

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

Cas #	Compound	RL	Conc	Cas #	Compound	RL	Conc
12674-11-2	Aroclor-1016	0.029	U	11097-69-1	Aroclor-1254	0.029	U
11104-28-2	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
53469-21-9	Aroclor-1242	0.029	U	11100-14-4	Aroclor-1268	0.029	U
12672-29-6	Aroclor-1248	0.029	U	1336-36-3	Aroclor (Total)	0.029	U

Worksheet #: 138419

Total Target Concentration 0

ColumnID: (^) Indicates results from 2nd column

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 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 : 2G51608.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 18 Dec 2009 2:38
Operator : MS
Sample : 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
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						
)TCMX-Surrogate	2.942	2.951	1442571	1322465	79.078	99.568m#
4)DCB-Surrogate	9.047	9.424	1847922	1367340	78.453	92.651m

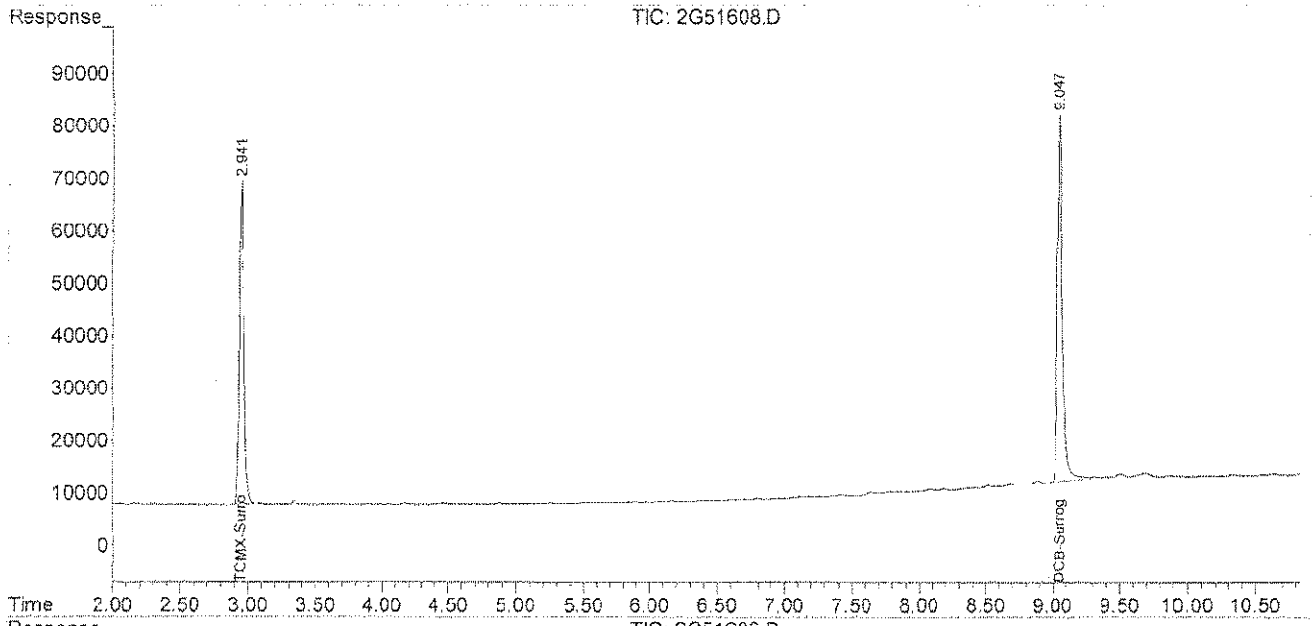
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

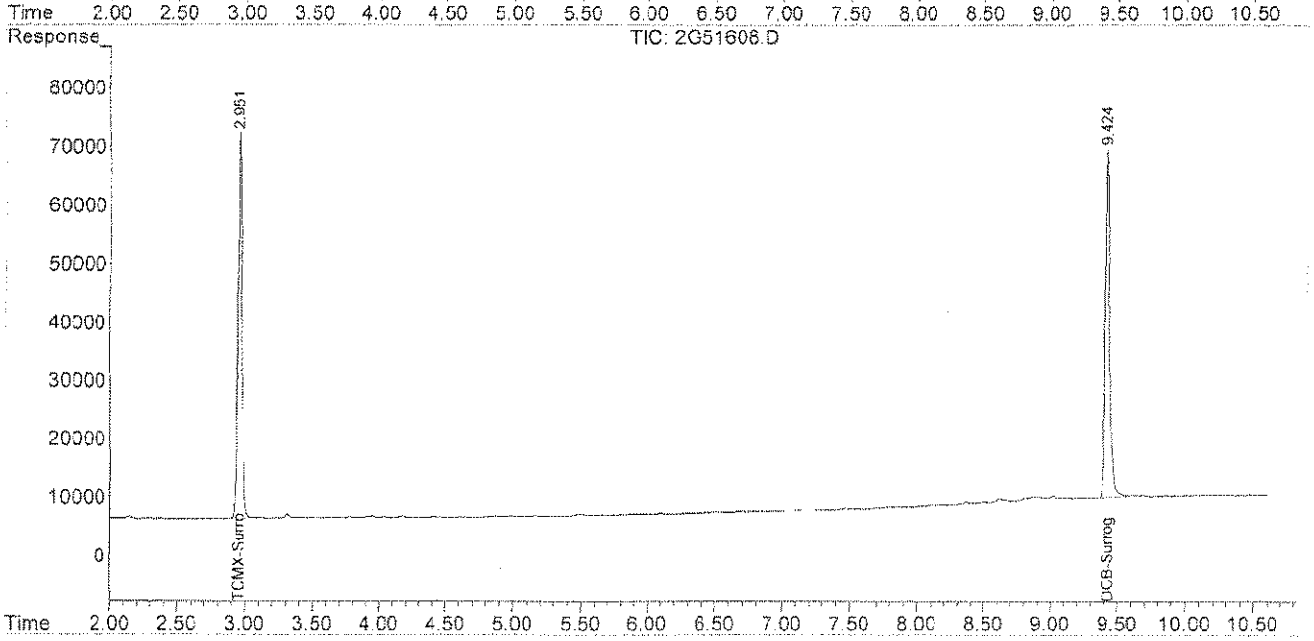
19

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
Sample : 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
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 :





Form1

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: Soil
Initial Vol: 20g
Final Vol: 10ml
Dilution: 1
Solids: 92

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
11104-28-2	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
53469-21-9	Aroclor-1242	0.027	U	11100-14-4	Aroclor-1268	0.027	U
12672-29-6	Aroclor-1248	0.027	U	1336-36-3	Aroclor (Total)	0.027	U

Worksheet #: 138419 *Total Target Concentration* 0 ColumnID: (^) Indicates results from 2nd column

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 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 : 2G51609.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 18 Dec 2009 2:52
Operator : 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 :

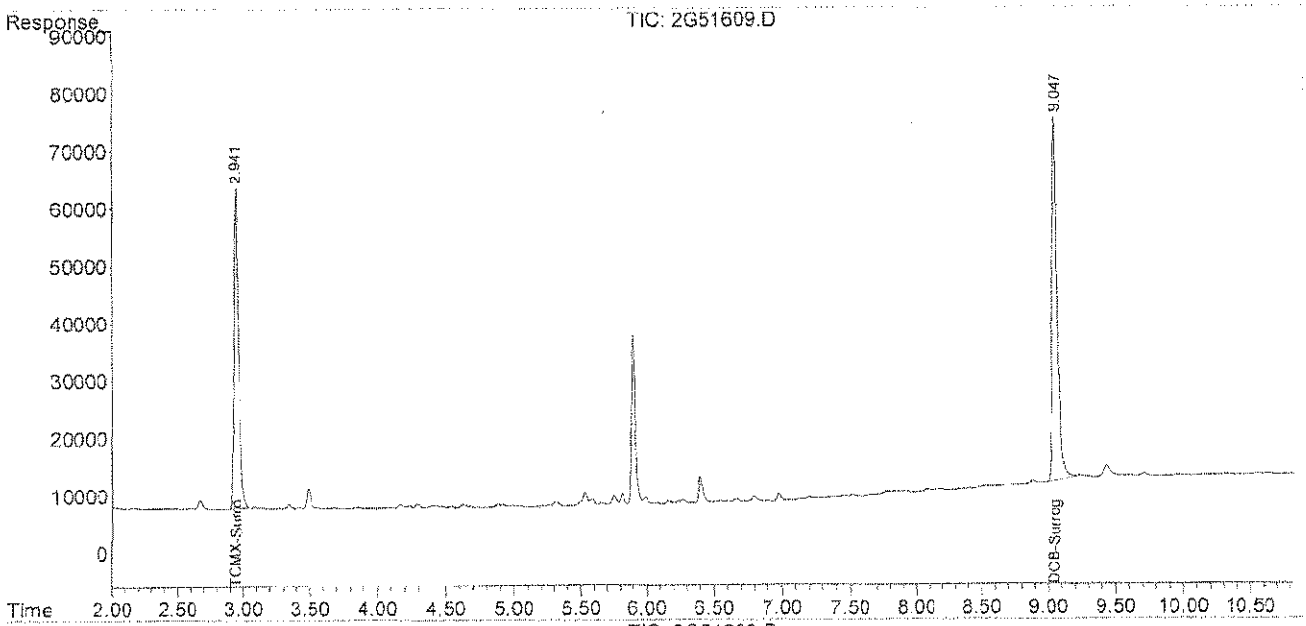
Compound	RT#1	RT#2	Resp#1	Resp#2	pg#1	pg#2
Target Compounds						
1)TCMX-Surrogate	2.941	2.951	1326810	1207750	72.733	90.931m#
4)DCB-Surrogate	9.047	9.424	1641262	1242930	69.679m	84.221m

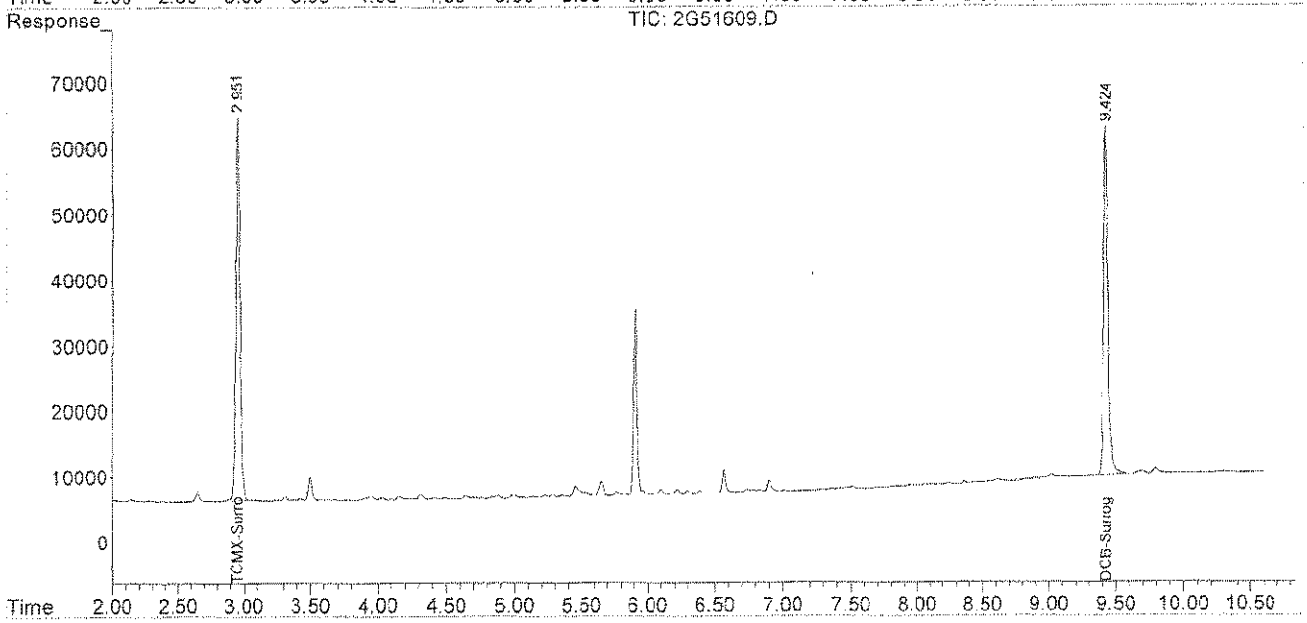
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : G:\Gcdata\2009\GC_2\Data\12-1809\
Data File : 2G51609.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 18 Dec 2009 2:52
Operator : 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 :





Form1

ORGANICS 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
12674-11-2	Aroclor-1016	0.026	U	11097-69-1	Aroclor-1254	0.026	U
11104-28-2	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
53469-21-9	Aroclor-1242	0.026	U	11100-14-4	Aroclor-1268	0.026	U
12672-29-6	Aroclor-1248	0.026	U	1336-36-3	Aroclor (Total)	0.026	U

Worksheet #: 138419

Total Target Concentration 0

ColumnID: (^) Indicates results from 2nd column

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 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 : 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 #1 Info : Signal #2 Info :

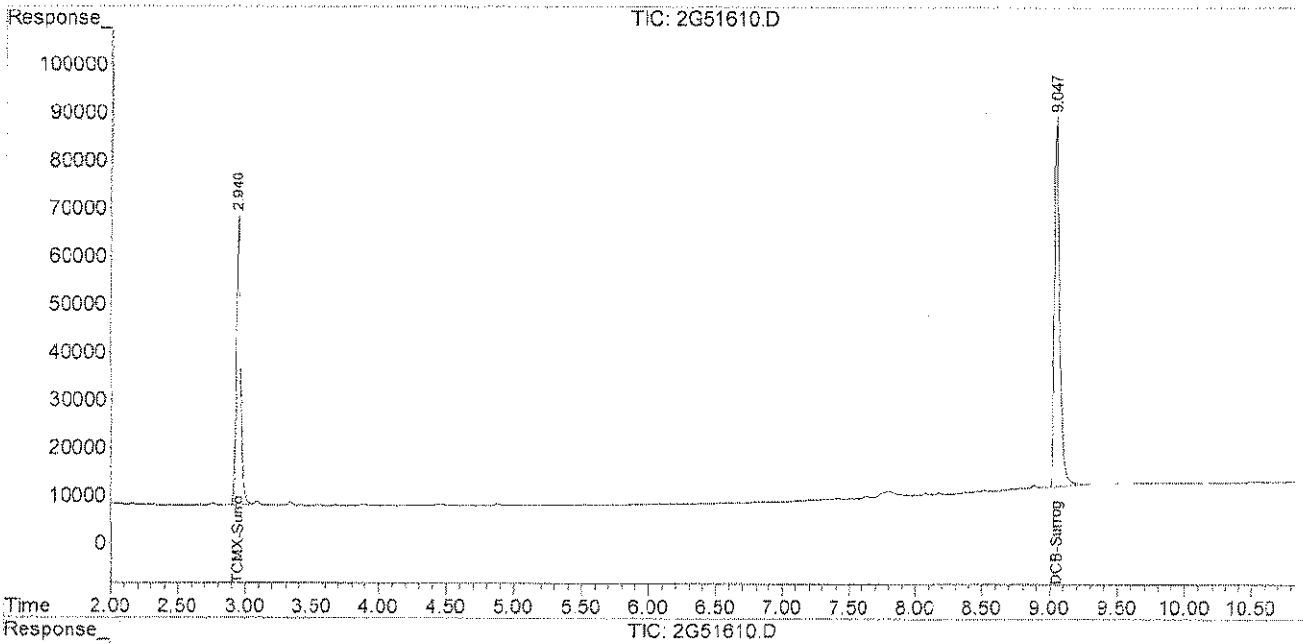
Compound	RT#1	RT#2	Resp#1	Resp#2	pg#1	pg#2
Target Compounds						
)TCMX-Surrogate	2.941	2.951	1459193	1307668	79.989	98.454
4)DCB-Surrogate	9.047	9.424	2047613	1525228	86.930	103.349m

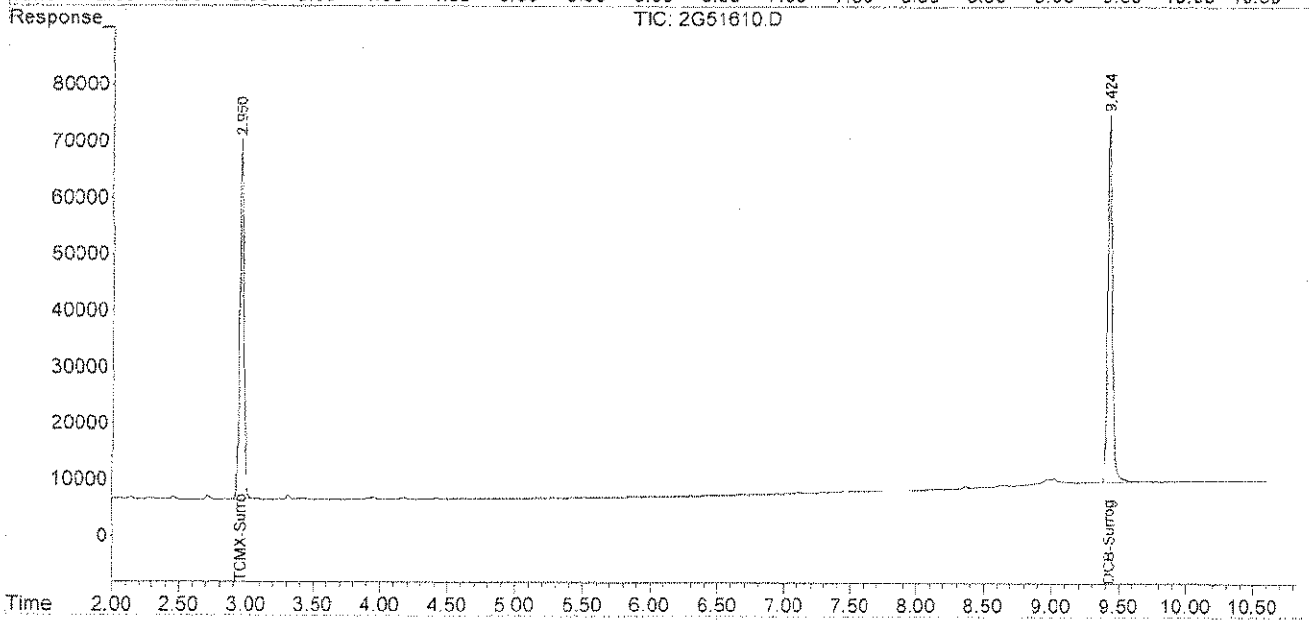
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : G:\Gcdata\2009\GC_2\Data\12-1809\
Data File : 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 15:02:35 2009
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :





Form1

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

Cas #	Compound	RL	Conc	Cas #	Compound	RL	Conc
12674-11-2	Aroclor-1016	0.027	U	11097-69-1	Aroclor-1254	0.027	U
11104-28-2	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
53469-21-9	Aroclor-1242	0.027	U	11100-14-4	Aroclor-1268	0.027	U
12672-29-6	Aroclor-1248	0.027	U	1336-36-3	Aroclor (Total)	0.027	U

Worksheet #: 138419

Total Target Concentration 0

ColumnID: (^) Indicates results from 2nd column

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 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 : 2G51611.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 18 Dec 2009 3:20
Operator : 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
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	1467017	1311731	80.418	98.760
4) DCB-Surrogate	9.047	9.424	1845293	1411100	78.341m	95.616m

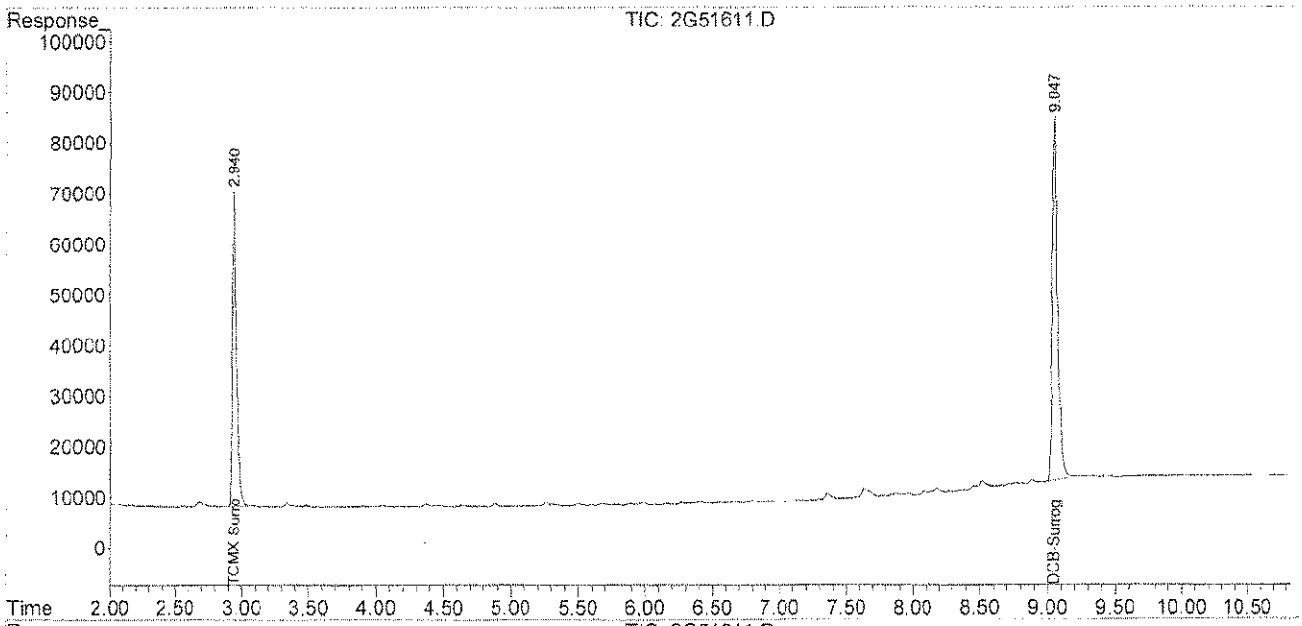
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

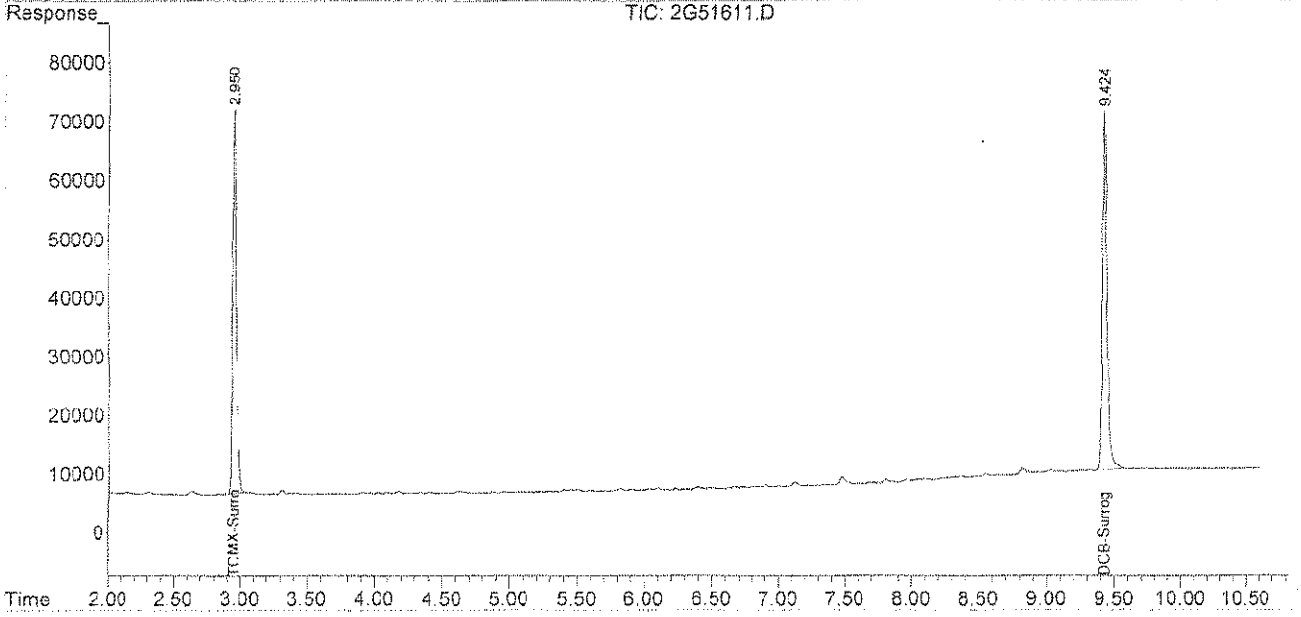
MB

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
Operator : 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
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 :





Form1

ORGANICS 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
2674-11-2	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	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 0

ColumnID: (^) Indicates results from 2nd column

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 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 : 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 :

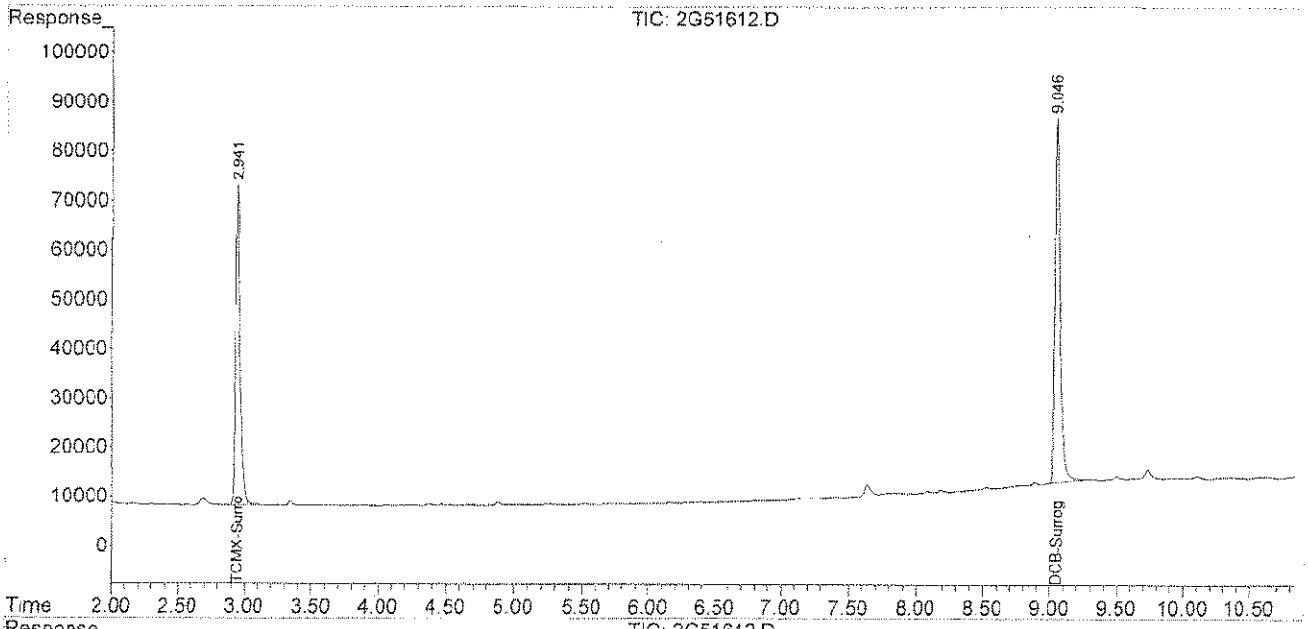
Compound	RT#1	RT#2	Resp#1	Resp#2	pg#1	pg#2
Target Compounds						
1)TCMX-Surrogate	2.941	2.952	1575435	1402276	86.362	105.577
4)DCB-Surrogate	9.046	9.424	1947342	1443115	82.673m	97.785

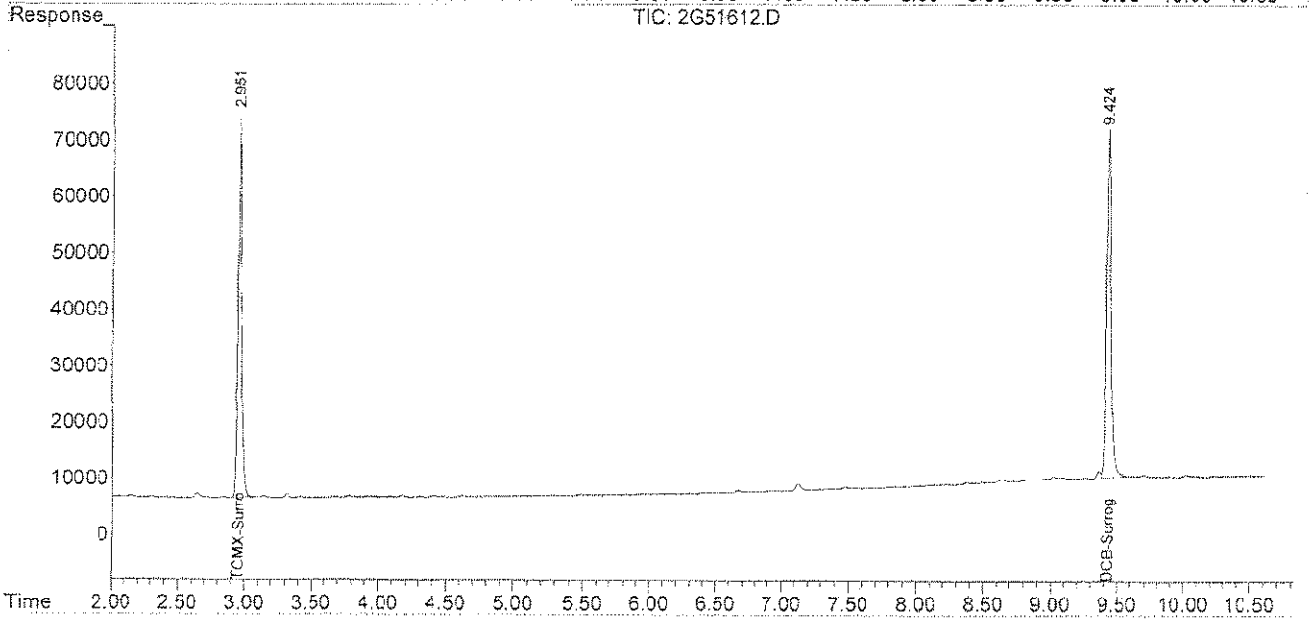
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : G:\Gcdata\2009\GC_2\Data\12-1809\
Data File : 2G51612.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
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 :





Form1

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
12674-11-2	Aroclor-1016	0.026	U	11097-69-1	Aroclor-1254	0.026	U
11104-28-2	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
53469-21-9	Aroclor-1242	0.026	U	11100-14-4	Aroclor-1268	0.026	U
12672-29-6	Aroclor-1248	0.026	U	1336-36-3	Aroclor (Total)	0.026	U

Worksheet #: 138419

Total Target Concentration 0

ColumnID: (^) Indicates results from 2nd column

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 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 : 2G51613.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 18 Dec 2009 3:47
Operator : MS
Sample : AC48729-011
Misc : S,PCB
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 #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	1660388	1471956	91.018	110.823
4) DCB-Surrogate	9.048	9.425	2234946	1623574	94.883m	110.013m

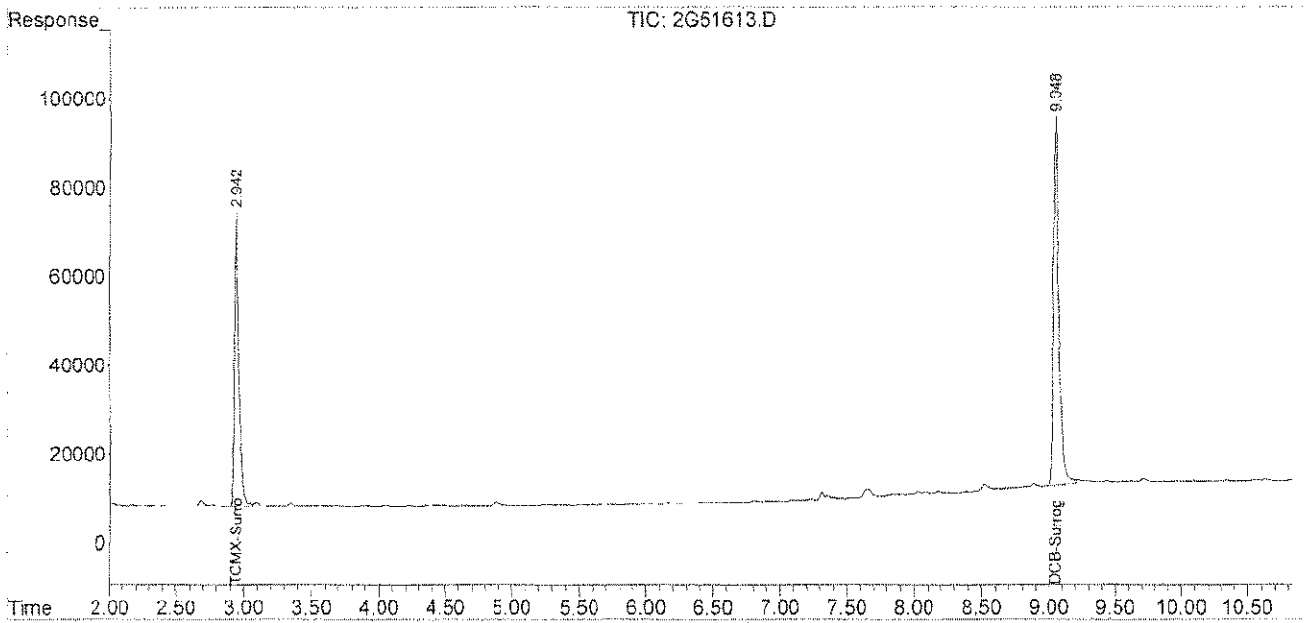
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

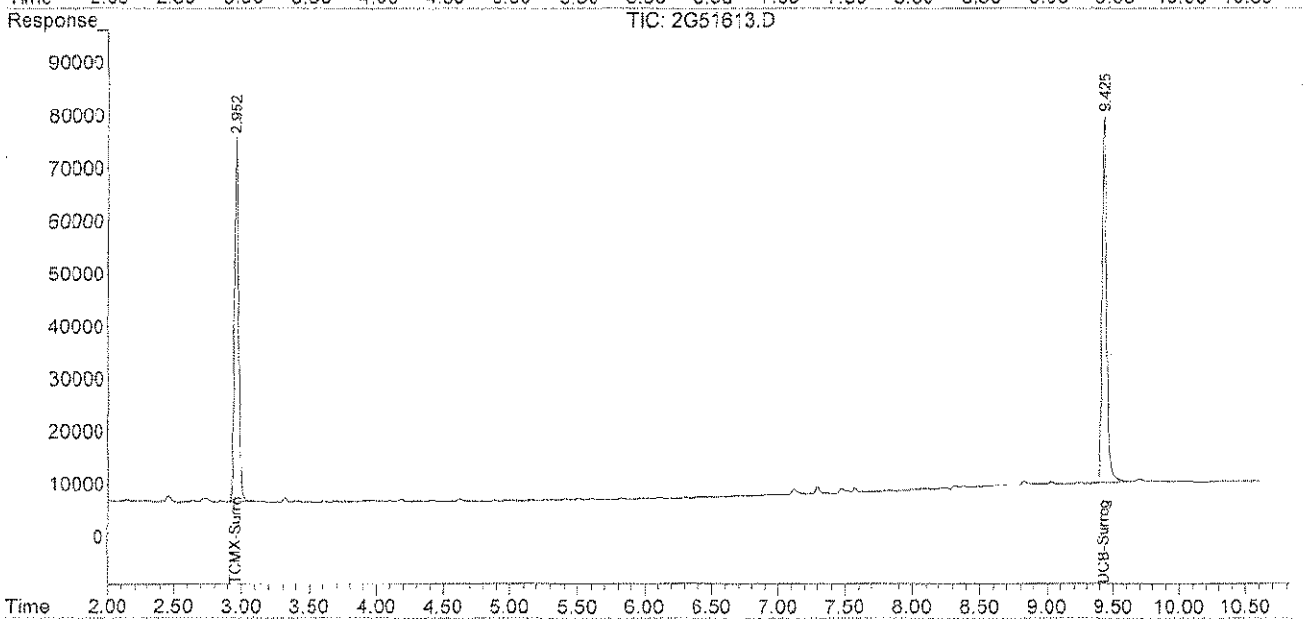
MS

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
Sample : AC48729-01
Misc : S,PCB
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 15:02:35 2009
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :





Form1

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	U
11141-16-5	Aroclor-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

Worksheet #: 138419

Total Target Concentration 0

ColumnID: (^) Indicates results from 2nd column

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

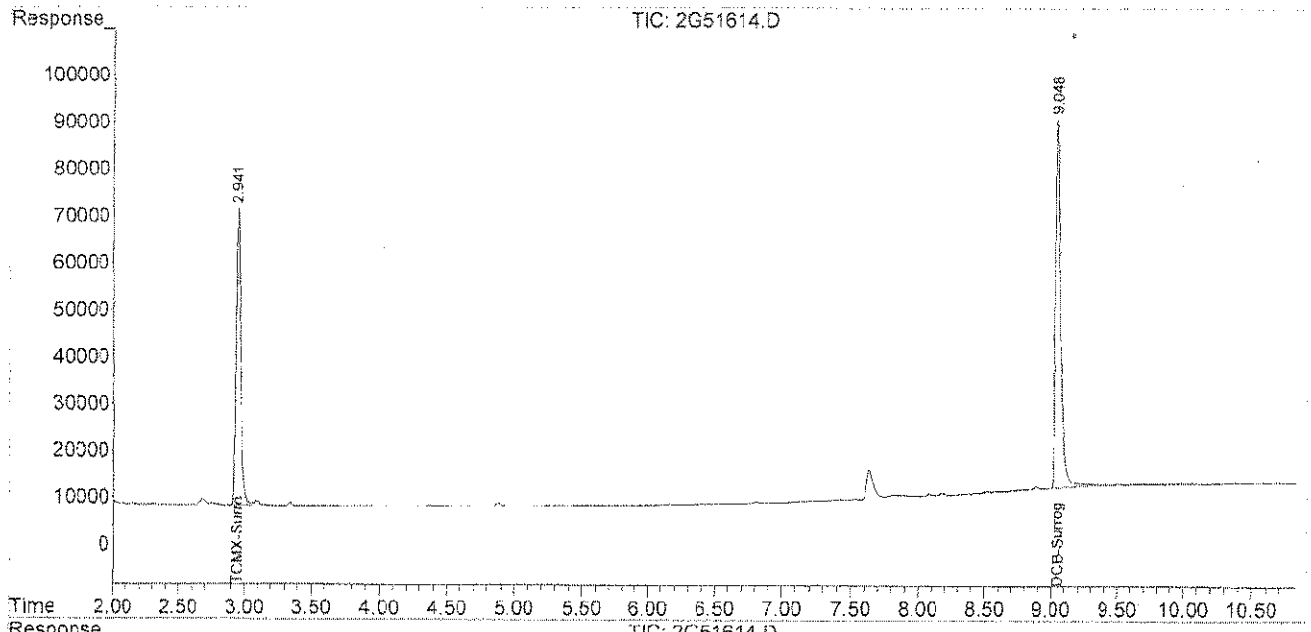
Compound	RT#1	RT#2	Resp#1	Resp#2	pg#1	pg#2
Target Compounds						
1)TCMX-Surrogate	2.942	2.952	1565449	1382027	85.814	104.052
4)DCB Surrogate	9.048	9.426	2114856	1523667	89.785m	103.244

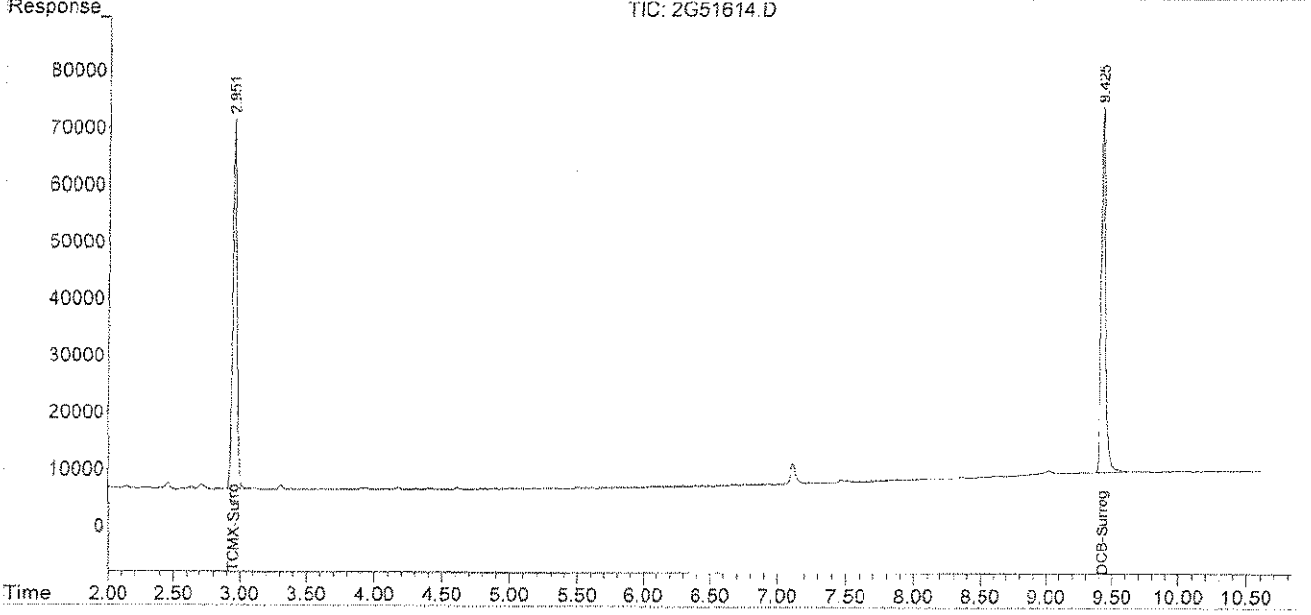
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : G:\Gcdata\2009\GC_2\Data\12-1809\
Data File : 2G51614.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
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 #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :





Form1

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

Cas #	Compound	RL	Conc	Cas #	Compound	RL	Conc
12674-11-2	Aroclor-1016	0.027	U	11097-69-1	Aroclor-1254	0.027	U
11104-28-2	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
53469-21-9	Aroclor-1242	0.027	U	11100-14-4	Aroclor-1268	0.027	U
12672-29-6	Aroclor-1248	0.027	U	1336-36-3	Aroclor (Total)	0.027	U

Worksheet #: 138419

Total Target Concentration 0

ColumnID. (^) Indicates results from 2nd column

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 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 : 2G51615.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 18 Dec 2009 4:15
Operator : MS
Sample : AC48729-013
Misc : S,PCB
ALS 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 :

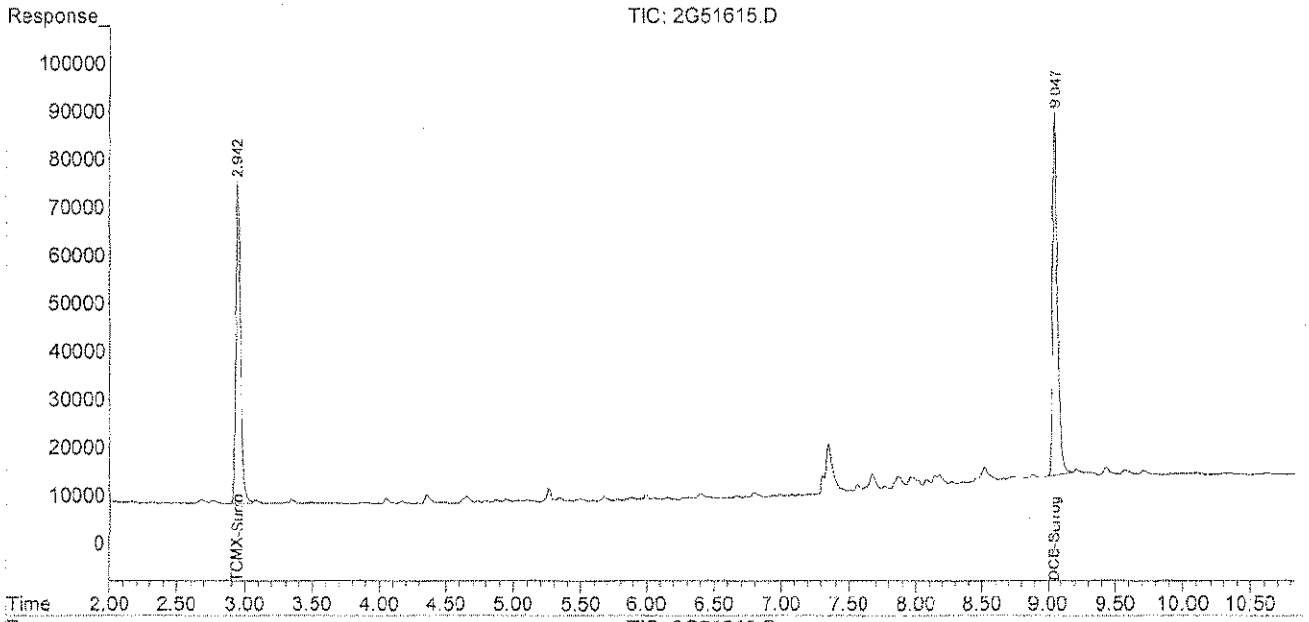
Compound	RT#1	RT#2	Resp#1	Resp#2	pg#1	pg#2
Target Compounds						
1)TCMX-Surrogate	2.942	2.952	1643240	1440381	90.078	108.446m
4)DCB-Surrogate	9.047	9.426	1964230	1500588	83.390m	101.680

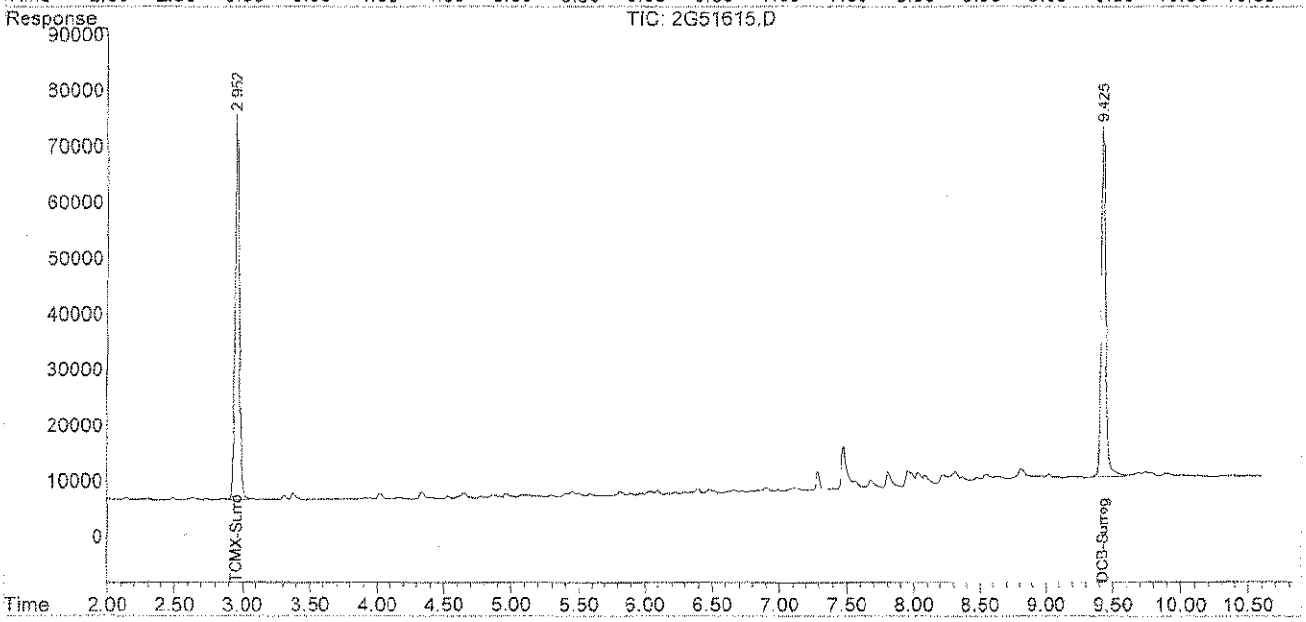
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

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
Sample : AC48729-013
Misc : S,PCB
ALS 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 :





Form1

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
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	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 0

ColumnID: (^) Indicates results from 2nd column

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 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 : 2G51616.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 18 Dec 2009 4:29
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 :

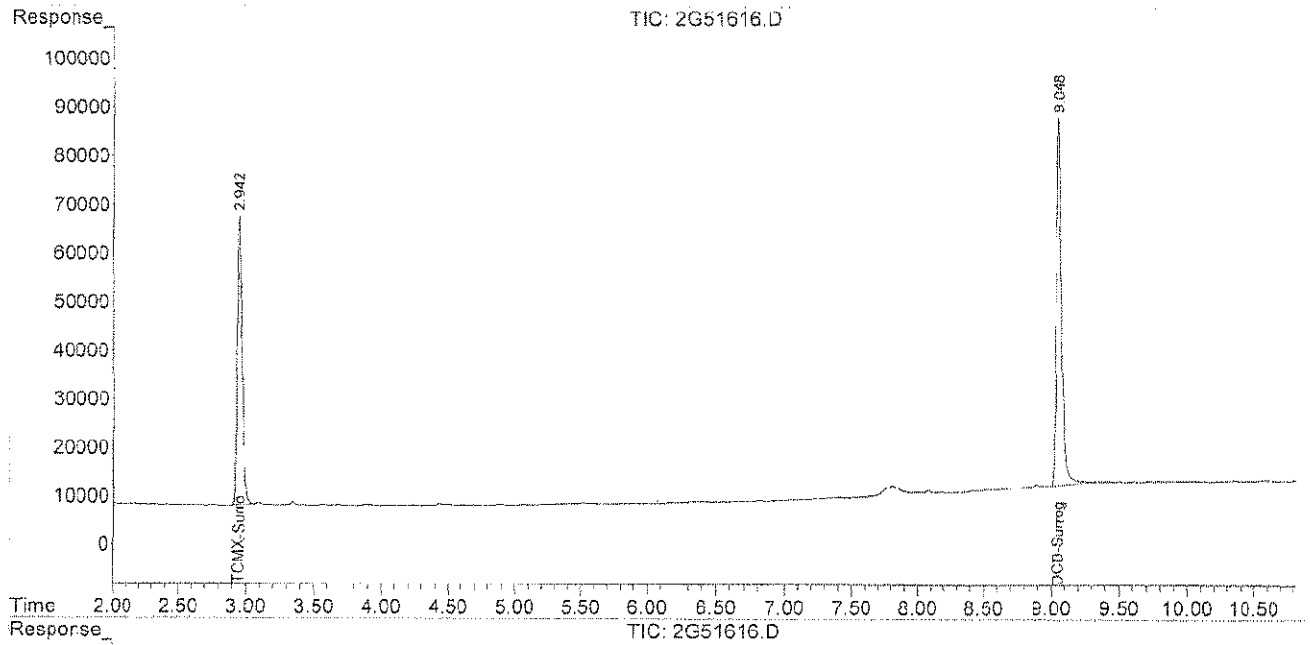
Compound	RT#1	RT#2	Resp#1	Resp#2	pg#1	pg#2
Target Compounds						
1)TCMX-Surrogate	2.943	2.953	1439925	1263537	78.933	95.131
4)DCB-Surrogate	9.049	9.426	2031668	1456066	86.253	98.663

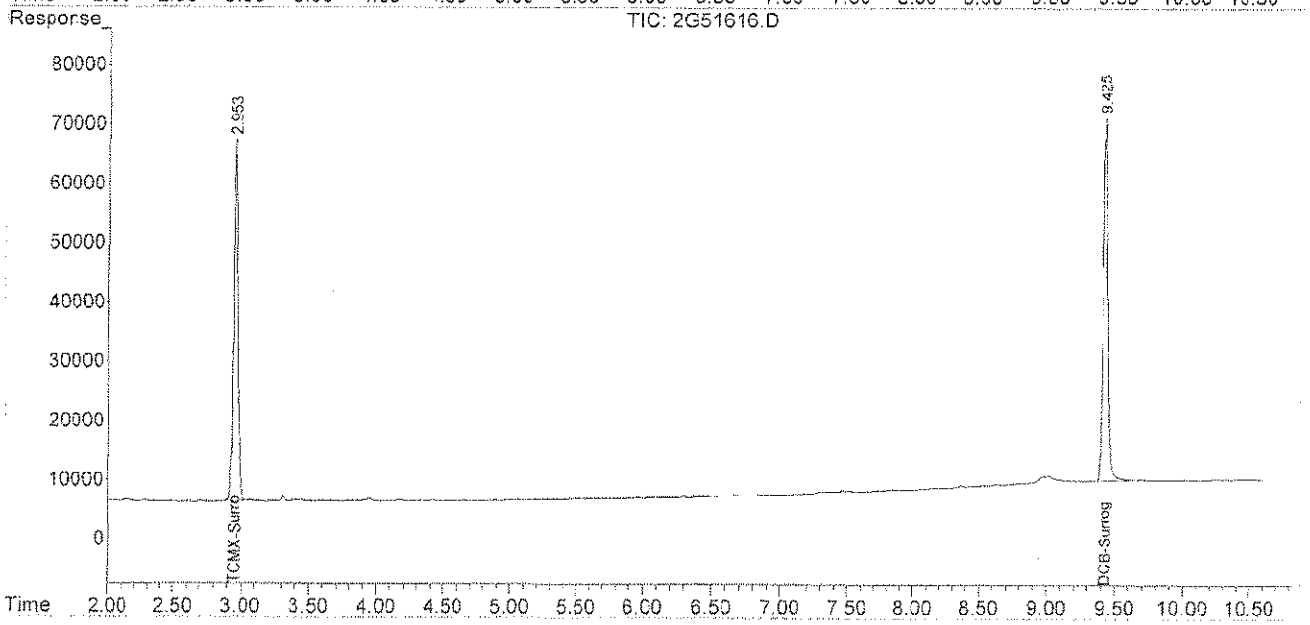
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

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 4:29
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 : @CC_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 :





Form1

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: mg/Kg

Cas #	Compound	RL	Conc	Cas #	Compound	RL	Conc
2674-11-2	Aroclor-1016	0.026	U	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
3469-21-9	Aroclor-1242	0.026	U	11100-14-4	Aroclor-1268	0.026	U
2672-29-6	Aroclor-1248	0.026	U	1336-36-3	Aroclor (Total)	0.026	U

Worksheet #: 138419

Total Target Concentration 0

ColumnID: (^) Indicates results from 2nd column

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

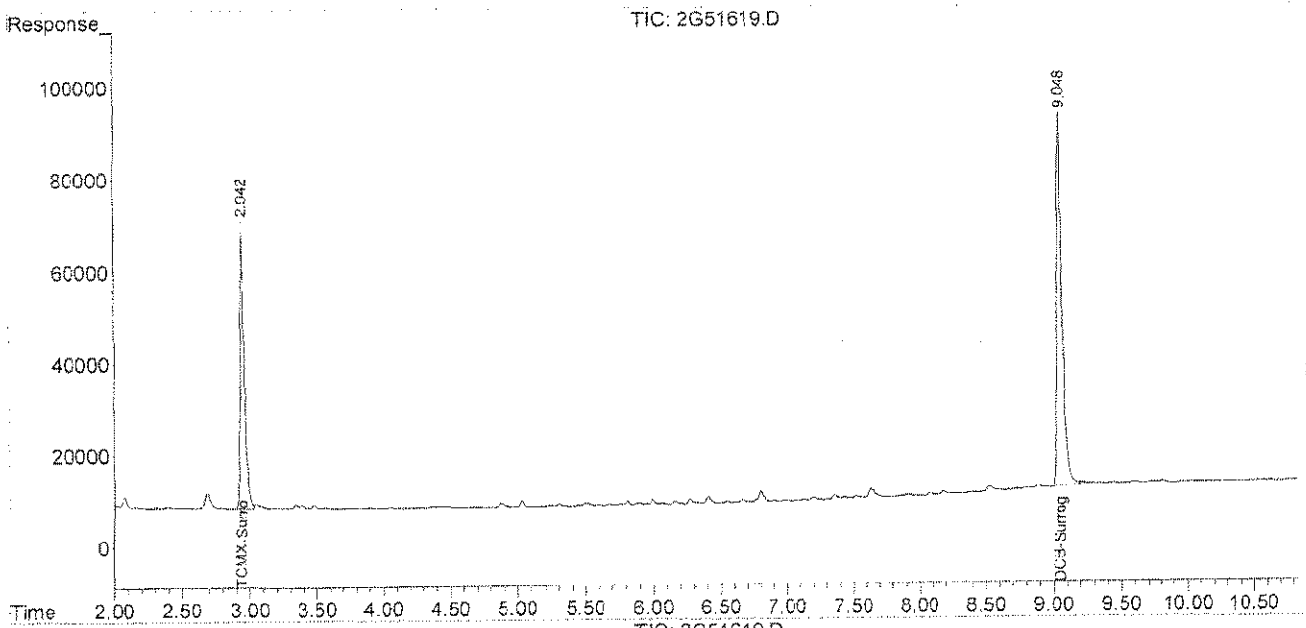
Compound	RT#1	RT#2	Resp#1	Resp#2	pg#1	pg#2
Target Compounds						
1) TCMX-Surrogate	2.943	2.953	1514008	1336021	82.994	100.588m
4) DCB-Surrogate	9.048	9.427	2150180	1551794	91.285	105.150

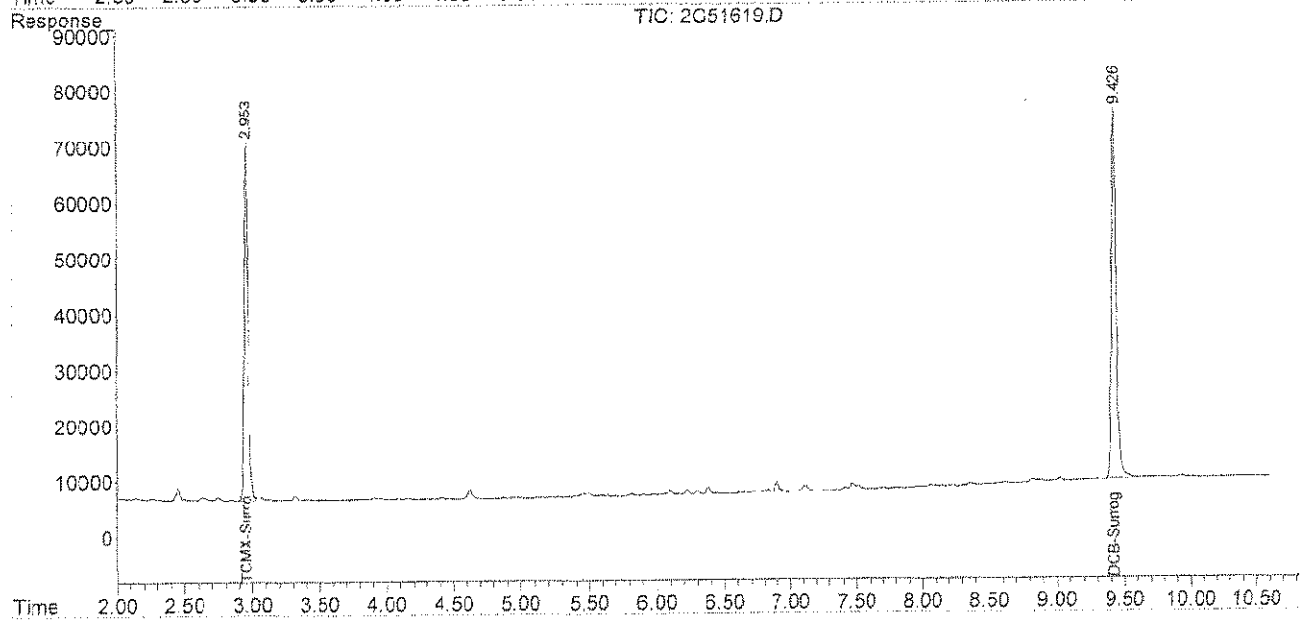
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : G:\Gcdata\2009\GC_2\Data\12-1809\
Data File : 2G51619.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
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: 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 15:02:35 2009
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :





Form1

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	Aroclor-1016	0.037	U	11097-69-1	Aroclor-1254	0.037	U
1104-28-2	Aroclor-1221	0.037	U	11096-82-5	Aroclor-1260	0.037	U
11141-16-5	Aroclor-1232	0.037	U	37324-23-5	Aroclor-1262	0.037	U
53469-21-9	Aroclor-1242	0.037	U	11100-14-4	Aroclor-1268	0.037	U
12672-29-6	Aroclor-1248	0.037	U	1336-36-3	Aroclor (Total)	0.037	U

Worksheet #: 138419

Total Target Concentration 0

ColumnID: (^) Indicates results from 2nd column

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 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 : 2G51620.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq 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
Quant Method : G:\GCDATA\2009\GC_2\METHODQT\2G_C1218.M
Quant Title : @GC 2,ug,608,8C82
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 :

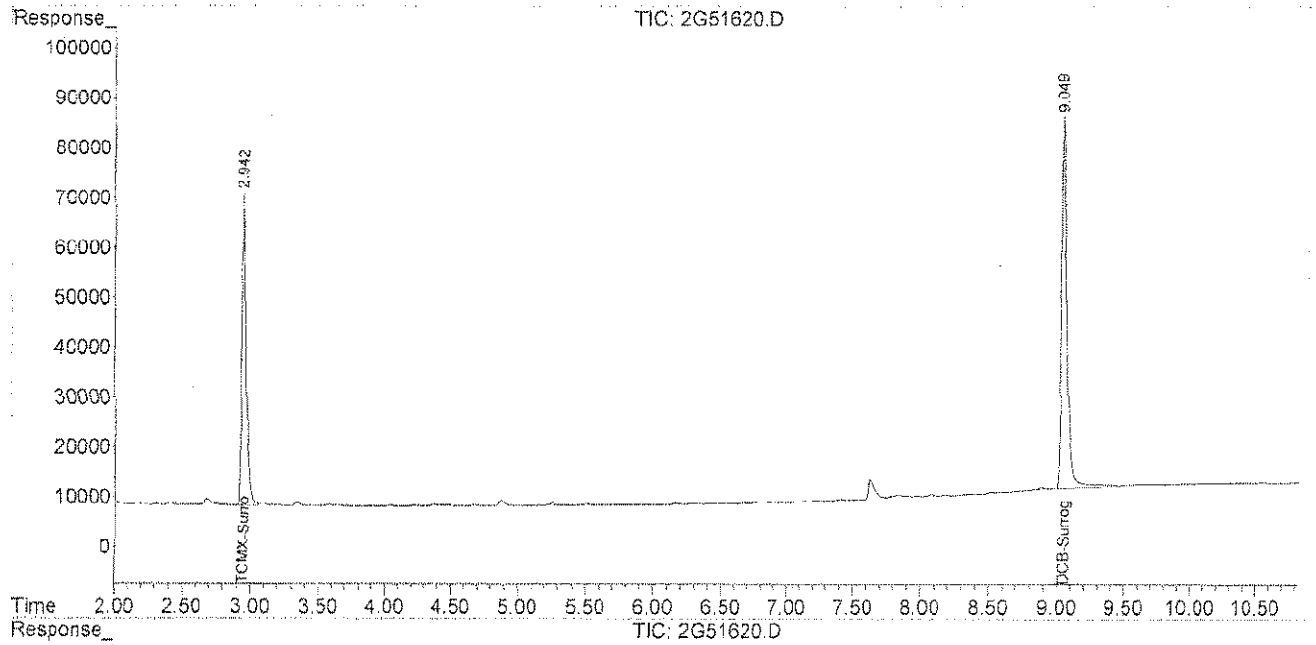
Compound	RT#1	RT#2	Resp#1	Resp#2	pg#1	pg#2
Target Compounds						
1) TCMX-Surrogate	2.943	2.953	1530421	1348057	83.894	101.494
4) DCB-Surrogate	9.049	9.425	2054589	1429507	87.226m	96.863m

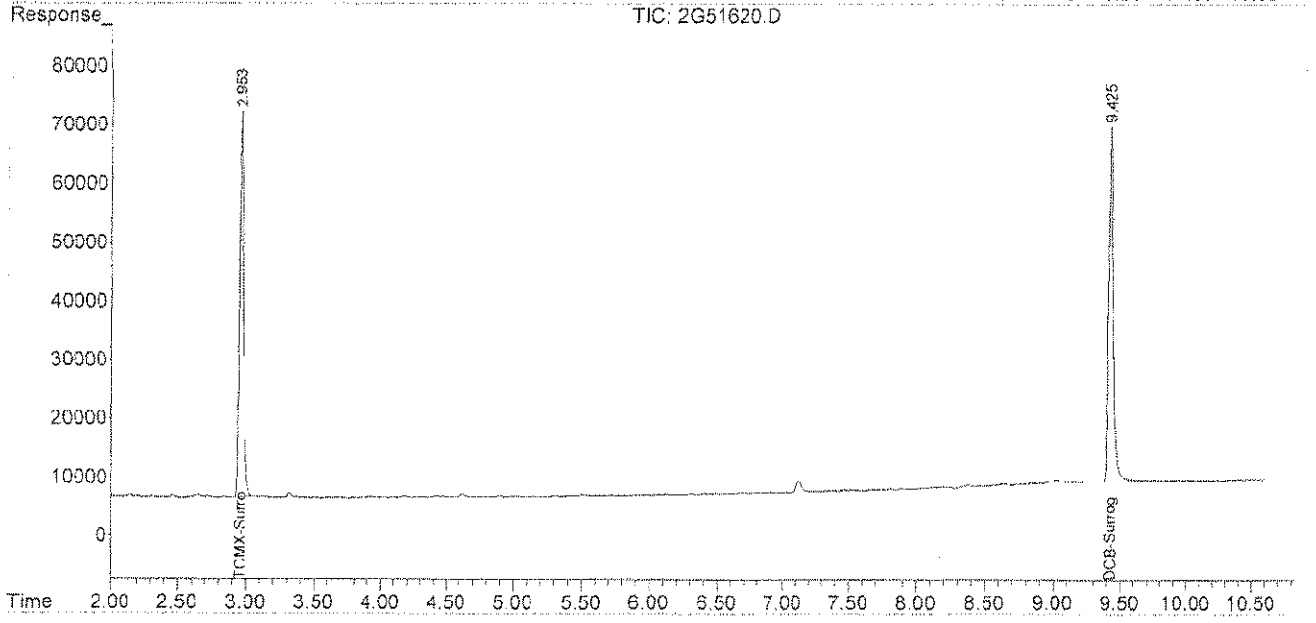
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : G:\Gcdata\2009\GC_2\Data\12-1809\
Data File : 2G51620.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq 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
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 :





Form1

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

Cas #	Compound	RL	Conc	Cas #	Compound	RL	Conc
2674-11-2	Aroclor-1016	0.26	U	11097-69-1	Aroclor-1254	0.26	U
11104-28-2	Aroclor-1221	0.26	U	11096-82-5	Aroclor-1260	0.26	U
11141-16-5	Aroclor-1232	0.26	U	37324-23-5	Aroclor-1262	0.26	U
53469-21-9	Aroclor-1242	0.26	U	11100-14-4	Aroclor-1268	0.26	U
12672-29-6	Aroclor-1248	0.26	U	1336-36-3	Aroclor (Total)	0.26	U

Worksheet #: 138419

Total Target Concentration 0

ColumnID: (^) Indicates results from 2nd column

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 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 :

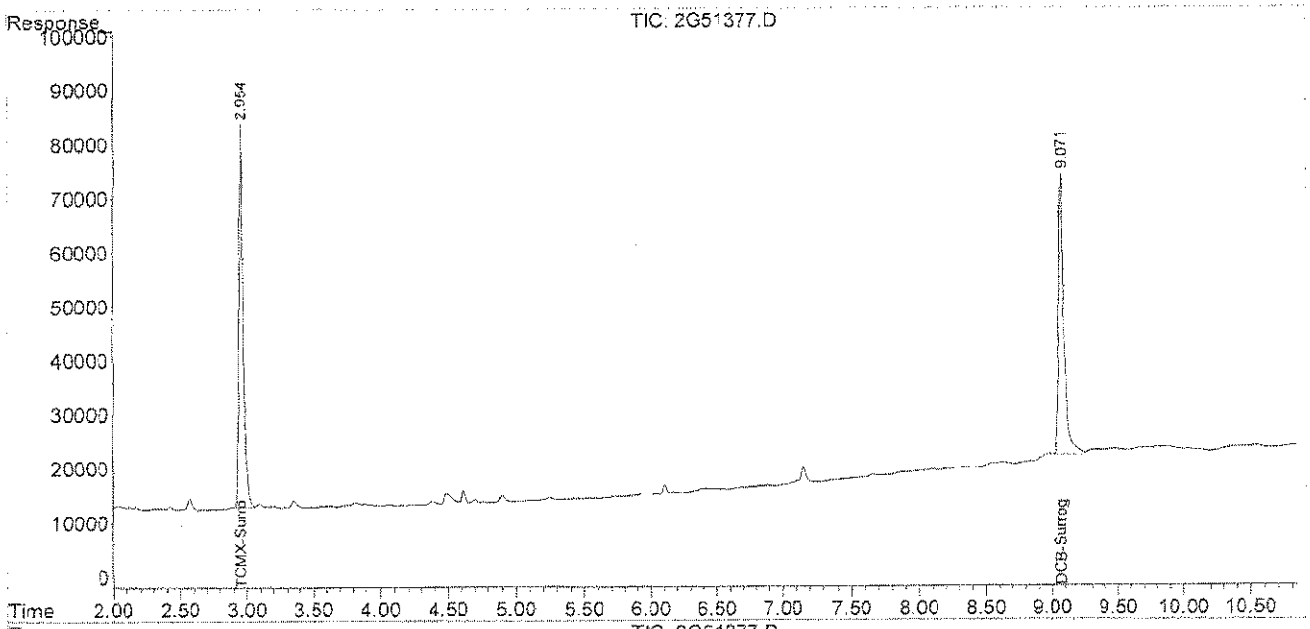
Compound	RT#1	RT#2	Resp#1	Resp#2	pg#1	pg#2
Target Compounds						
1)TCMX-Surrogate	2.954	2.964	1729240	1264750	102.240m	89.850m
4)DCB-Surrogate	9.071	9.443	1434565	896263	52.367m	60.165m

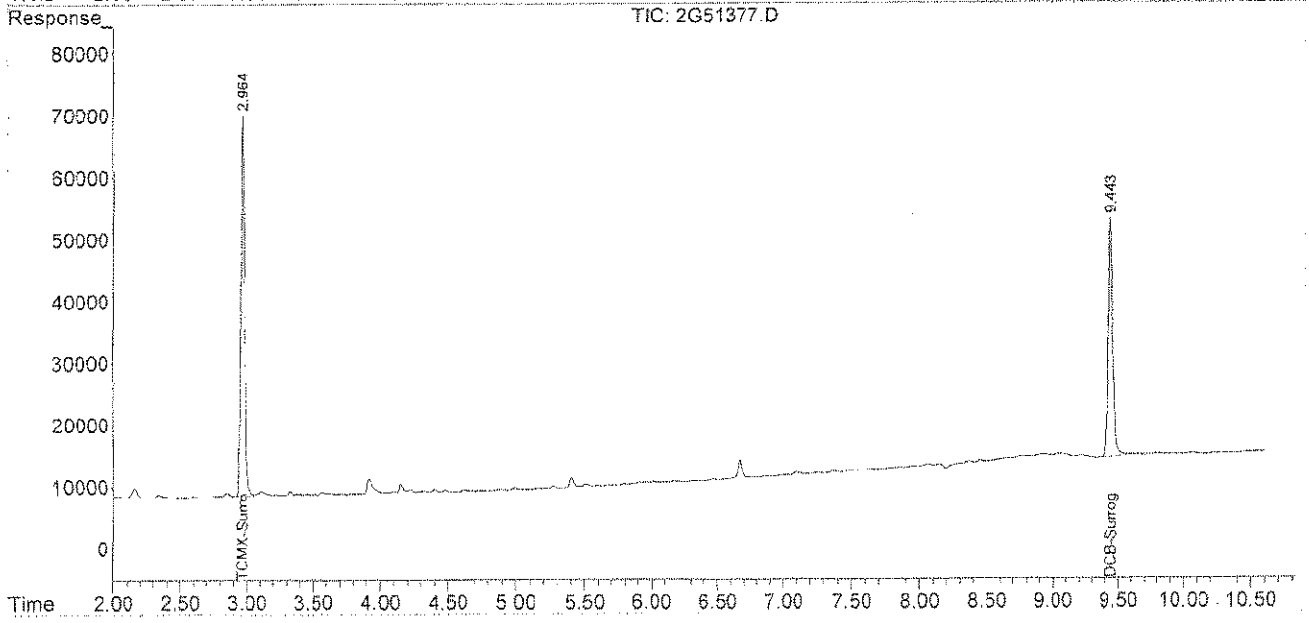
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

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
Acq On : 10 Dec 2009 11:23
Operator : MS
Sample : AC48729-017
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 :





Form1
Inorganic Analysis Data Sheet

Sample ID:	AC48729-001	% Solid:	93	Lab Name:	Veritech	Nras No:	
Client Id:	SS01-A	Units:	MG/KG	Lab Code:		Sdg No:	
Matrix:	SOIL	Date Rec:	12/5/2009	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	1500	100	12/11/09	10826	S10826B	13	P	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	S10826A	14	P	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	PEICP1
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	Iron	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	Magnesium	540	ND	100	12/11/09	10826	S10826B	13	P	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	P	PEICP1
7440-09-7	Potassium	540	ND	100	12/11/09	10826	S10826B	13	P	PEICPRAD1
7782-49-2	Selenium	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	S10826A	14	P	PEICP1
7440-66-6	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
MS - ICP-MS

Form1
Inorganic Analysis Data Sheet

Sample ID:	AC48729-002	% Solid:	85	Lab Name:	Veritech	Nras No:	
Client Id:	SS01-B	Units:	MG/KG	Lab Code:		Sdg No:	
Matrix:	SOIL	Date Rec:	12/5/2009	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	240	1100	100	12/11/09	10826	S10826B	21	P	PEICPRAD1
7440-36-0	Antimony	2.4	ND	100	12/11/09	10826	S10826A	22	P	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	P	PEICP1
7440-41-7	Beryllium	0.71	ND	100	12/11/09	10826	S10826A	22	P	PEICP1
7440-43-9	Cadmium	0.71	ND	100	12/11/09	10826	S10826A	22	P	PEICP1
7440-70-2	Calcium	1200	ND	100	12/11/09	10826	S10826B	21	P	PEICPRAD1
7440-47-3	Chromium	5.9	ND	100	12/11/09	10826	S10826A	22	P	PEICP1
7440-48-4	Cobalt	2.9	ND	100	12/11/09	10826	S10826A	22	P	PEICP1
7440-50-8	Copper	5.9	ND	100	12/11/09	10826	S10826A	22	P	PEICP1
7439-89-6	Iron	240	5200	100	12/11/09	10826	S10826B	21	P	PEICPRAD1
7439-92-1	Lead	5.9	ND	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	P	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	P	PEICP1
7440-09-7	Potassium	590	ND	100	12/11/09	10826	S10826B	21	P	PEICPRAD1
7782-49-2	Selenium	2.1	ND	100	12/11/09	10826	S10826A	22	P	PEICP1
7440-22-4	Silver	1.8	ND	100	12/11/09	10826	S10826A	22	P	PEICP1
7440-23-5	Sodium	290	ND	100	12/11/09	10826	S10826B	21	P	PEICPRAD1
7440-28-0	Thallium	1.4	ND	100	12/11/09	10826	S10826A	22	P	PEICP1
7440-62-2	Vanadium	12	ND	100	12/11/09	10826	S10826A	22	P	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
MS - ICP-MS

Form1
Inorganic Analysis Data Sheet

Sample ID:	AC48729-003	% Solid:	92	Lab Name:	Veritech	Nras No:	
Client Id:	SS02-A	Units:	MG/KG	Lab Code:		Sdg No:	
Matrix:	SOIL	Date Rec:	12/5/2009	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	1300	100	12/11/09	10826	S10826B	22	P	PEICPRAD1
7440-36-0	Antimony	2.2	ND	100	12/11/09	10826	S10826A	23	P	PEICP1
7440-38-2	Arsenic	2.2	3.6	100	12/11/09	10826	S10826A	23	P	PEICP1
7440-39-3	Barium	11	ND	100	12/11/09	10826	S10826A	23	P	PEICP1
7440-41-7	Beryllium	0.65	ND	100	12/11/09	10826	S10826A	23	P	PEICP1
7440-43-9	Cadmium	0.65	ND	100	12/11/09	10826	S10826A	23	P	PEICP1
7440-70-2	Calcium	1100	ND	100	12/11/09	10826	S10826B	22	P	PEICPRAD1
7440-47-3	Chromium	5.4	ND	100	12/11/09	10826	S10826A	23	P	PEICP1
7440-48-4	Cobalt	2.7	ND	100	12/11/09	10826	S10826A	23	P	PEICP1
7440-50-8	Copper	5.4	ND	100	12/11/09	10826	S10826A	23	P	PEICP1
7439-89-6	Iron	220	8200	100	12/11/09	10826	S10826B	22	P	PEICPRAD1
7439-92-1	Lead	5.4	6.5	100	12/11/09	10826	S10826A	23	P	PEICP1
7439-95-4	Magnesium	540	ND	100	12/11/09	10826	S10826B	22	P	PEICPRAD1
7439-96-5	Manganese	11	14	100	12/11/09	10826	S10826A	23	P	PEICP1
7439-97-6	Mercury	0.091	ND	167	12/10/09	10826	H10826S	19	CV	HGCV2
7440-02-0	Nickel	5.4	ND	100	12/11/09	10826	S10826A	23	P	PEICP1
7440-09-7	Potassium	540	ND	100	12/11/09	10826	S10826B	22	P	PEICPRAD1
7782-49-2	Selenium	2.0	ND	100	12/11/09	10826	S10826A	23	P	PEICP1
7440-22-4	Silver	1.6	ND	100	12/11/09	10826	S10826A	23	P	PEICP1
7440-23-5	Sodium	270	ND	100	12/11/09	10826	S10826B	22	P	PEICPRAD1
7440-28-0	Thallium	1.3	ND	100	12/11/09	10826	S10826A	23	P	PEICP1
7440-62-2	Vanadium	11	ND	100	12/11/09	10826	S10826A	23	P	PEICP1
7440-66-6	Zinc	11	ND	100	12/11/09	10826	S10826A	23	P	PEICP1

Comments: _____

_____

Flag Codes:

U or ND - Indicates Compound was not found above the detection/reporting limit
P - ICP-AES
CV -ColdVapor
MS - ICP-MS

Form1
Inorganic Analysis Data Sheet

Sample ID:	AC48729-004	% Solid:	87	Lab Name:	Veritech	Nras No:	
Client Id:	SS02-B	Units:	MG/KG	Lab Code:		Sdg No:	
Matrix:	SOIL	Date Rec:	12/5/2009	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	230	3300	100	12/11/09	10826	S10826B	23	P	PEICPRAD1
7440-36-0	Antimony	2.3	ND	100	12/11/09	10826	S10826A	24	P	PEICP1
7440-38-2	Arsenic	2.3	2.9	100	12/11/09	10826	S10826A	24	P	PEICP1
7440-39-3	Barium	11	ND	100	12/11/09	10826	S10826A	24	P	PEICP1
7440-41-7	Beryllium	0.69	ND	100	12/11/09	10826	S10826A	24	P	PEICP1
7440-43-9	Cadmium	0.69	ND	100	12/11/09	10826	S10826A	24	P	PEICP1
7440-70-2	Calcium	1100	ND	100	12/11/09	10826	S10826B	23	P	PEICPRAD1
7440-47-3	Chromium	5.7	7.1	100	12/11/09	10826	S10826A	24	P	PEICP1
7440-48-4	Cobalt	2.9	ND	100	12/11/09	10826	S10826A	24	P	PEICP1
7440-50-8	Copper	5.7	ND	100	12/11/09	10826	S10826A	24	P	PEICP1
7439-89-6	Iron	230	8500	100	12/11/09	10826	S10826B	23	P	PEICPRAD1
7439-92-1	Lead	5.7	ND	100	12/11/09	10826	S10826A	24	P	PEICP1
7439-95-4	Magnesium	570	ND	100	12/11/09	10826	S10826B	23	P	PEICPRAD1
7439-96-5	Manganese	11	ND	100	12/11/09	10826	S10826A	24	P	PEICP1
7439-97-6	Mercury	0.096	ND	167	12/10/09	10826	H10826S	20	CV	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	PEICPRAD1
7782-49-2	Selenium	2.1	ND	100	12/11/09	10826	S10826A	24	P	PEICP1
7440-22-4	Silver	1.7	ND	100	12/11/09	10826	S10826A	24	P	PEICP1
7440-23-5	Sodium	290	ND	100	12/11/09	10826	S10826B	23	P	PEICPRAD1
7440-28-0	Thallium	1.4	ND	100	12/11/09	10826	S10826A	24	P	PEICP1
7440-62-2	Vanadium	11	12	100	12/11/09	10826	S10826A	24	P	PEICP1
7440-66-6	Zinc	11	ND	100	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
MS - ICP-MS

Form1
Inorganic Analysis Data Sheet

Sample ID:	AC48729-005	% Solid:	94	Lab Name:	Veritech	Nras No:	
Client Id:	SS03-A	Units:	MG/KG	Lab Code:		Sdg No:	
Matrix:	SOIL	Date Rec:	12/5/2009	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	210	2800	100	12/11/09	10826	S10826B	24	P	PEICPRAD1
7440-36-0	Antimony	2.1	ND	100	12/11/09	10826	S10826A	25	P	PEICP1
7440-38-2	Arsenic	2.1	5.9	100	12/11/09	10826	S10826A	25	P	PEICP1
7440-39-3	Barium	11	ND	100	12/11/09	10826	S10826A	25	P	PEICP1
7440-41-7	Beryllium	0.64	ND	100	12/11/09	10826	S10826A	25	P	PEICP1
7440-43-9	Cadmium	0.64	ND	100	12/11/09	10826	S10826A	25	P	PEICP1
7440-70-2	Calcium	1100	ND	100	12/11/09	10826	S10826B	24	P	PEICPRAD1
7440-47-3	Chromium	5.3	9.4	100	12/11/09	10826	S10826A	25	P	PEICP1
7440-48-4	Cobalt	2.7	ND	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	PEICPRAD1
7439-92-1	Lead	5.3	47	100	12/11/09	10826	S10826A	25	P	PEICP1
7439-95-4	Magnesium	530	ND	100	12/11/09	10826	S10826B	24	P	PEICPRAD1
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	P	PEICP1
7440-09-7	Potassium	530	970	100	12/11/09	10826	S10826B	24	P	PEICPRAD1
7782-49-2	Selenium	1.9	ND	100	12/11/09	10826	S10826A	25	P	PEICP1
7440-22-4	Silver	1.6	ND	100	12/11/09	10826	S10826A	25	P	PEICP1
7440-23-5	Sodium	270	ND	100	12/11/09	10826	S10826B	24	P	PEICPRAD1
7440-28-0	Thallium	1.3	ND	100	12/11/09	10826	S10826A	25	P	PEICP1
7440-62-2	Vanadium	11	19	100	12/11/09	10826	S10826A	25	P	PEICP1
7440-66-6	Zinc	11	14	100	12/11/09	10826	S10826A	25	P	PEICP1

Comments: _____

Flag Codes:

U or ND - Indicates Compound was not found above the detection/reporting limit
P - ICP-AES
CV -ColdVapor
MS - ICP-MS

Form1
Inorganic Analysis Data Sheet

Sample ID:	AC48729-006	% Solid:	86	Lab Name:	Veritech	Nras No:	
Client Id:	SS03-B	Units:	MG/KG	Lab Code:		Sdg No:	
Matrix:	SOIL	Date Rec:	12/5/2009	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	230	3500	100	12/11/09	10826	S10826B	25	P	PEICPRAD1
7440-36-0	Antimony	2.3	ND	100	12/11/09	10826	S10826A	26	P	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	P	PEICP1
7440-41-7	Beryllium	0.70	0.76	100	12/11/09	10826	S10826A	26	P	PEICP1
7440-43-9	Cadmium	0.70	ND	100	12/11/09	10826	S10826A	26	P	PEICP1
7440-70-2	Calcium	1200	ND	100	12/11/09	10826	S10826B	25	P	PEICPRAD1
7440-47-3	Chromium	5.8	9.8	100	12/11/09	10826	S10826A	26	P	PEICP1
7440-48-4	Cobalt	2.9	ND	100	12/11/09	10826	S10826A	26	P	PEICP1
7440-50-8	Copper	5.8	ND	100	12/11/09	10826	S10826A	26	P	PEICP1
7439-89-6	Iron	230	44000	100	12/11/09	10826	S10826B	25	P	PEICPRAD1
7439-92-1	Lead	5.8	ND	100	12/11/09	10826	S10826A	26	P	PEICP1
7439-95-4	Magnesium	580	ND	100	12/11/09	10826	S10826B	25	P	PEICPRAD1
7439-96-5	Manganese	12	ND	100	12/11/09	10826	S10826A	26	P	PEICP1
7439-97-6	Mercury	0.097	ND	167	12/10/09	10826	H10826S	24	CV	HGCV2
7440-02-0	Nickel	5.8	ND	100	12/11/09	10826	S10826A	26	P	PEICP1
7440-09-7	Potassium	580	ND	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	P	PEICP1
7440-23-5	Sodium	290	ND	100	12/11/09	10826	S10826B	25	P	PEICPRAD1
7440-28-0	Thallium	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	P	PEICP1
7440-66-6	Zinc	12	ND	100	12/11/09	10826	S10826A	26	P	PEICP1

Comments: _____

Flag Codes:

U or ND - Indicates Compound was not found above the detection/reporting limit
P - ICP-AES
CV -ColdVapor
MS - ICP-MS

Form1
Inorganic Analysis Data Sheet

Sample ID:	AC48729-007	% Solid:	92	Lab Name:	Veritech	Nras No:	
Client Id:	SS04-A	Units:	MG/KG	Lab Code:		Sdg No:	
Matrix:	SOIL	Date Rec:	12/5/2009	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	2900	100	12/11/09	10826	S10826B	26	P	PEICPRAD1
7440-36-0	Antimony	2.2	ND	100	12/11/09	10826	S10826A	27	P	PEICP1
7440-38-2	Arsenic	2.2	6.4	100	12/11/09	10826	S10826A	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	P	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	P	PEICP1
7440-48-4	Cobalt	2.7	ND	100	12/11/09	10826	S10826A	27	P	PEICP1
7440-50-8	Copper	5.4	6.7	100	12/11/09	10826	S10826A	27	P	PEICP1
7439-89-6	Iron	220	14000	100	12/11/09	10826	S10826B	26	P	PEICPRAD1
7439-92-1	Lead	5.4	13	100	12/11/09	10826	S10826A	27	P	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	ND	167	12/10/09	10826	H10826S	25	CV	HGCV2
7440-02-0	Nickel	5.4	ND	100	12/11/09	10826	S10826A	27	P	PEICP1
7440-09-7	Potassium	540	770	100	12/11/09	10826	S10826B	26	P	PEICPRAD1
7782-49-2	Selenium	2.0	ND	100	12/11/09	10826	S10826A	27	P	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	P	PEICPRAD1
7440-28-0	Thallium	1.3	ND	100	12/11/09	10826	S10826A	27	P	PEICP1
7440-62-2	Vanadium	11	17	100	12/11/09	10826	S10826A	27	P	PEICP1
7440-66-6	Zinc	11	18	100	12/11/09	10826	S10826A	27	P	PEICP1

Comments: _____

Flag Codes:

U or ND - Indicates Compound was not found above the detection/reporting limit
P - ICP-AES
CV -ColdVapor
MS - ICP-MS

Form1
Inorganic Analysis Data Sheet

Sample ID:	AC48729-008	% Solid:	95	Lab Name:	Veritech	Nras No:	
Client Id:	SS04-B	Units:	MG/KG	Lab Code:		Sdg No:	
Matrix:	SOIL	Date Rec:	12/5/2009	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	210	1800	100	12/11/09	10826	S10826B	31	P	PEICPRAD1
7440-36-0	Antimony	2.1	ND	100	12/11/09	10826	S10826A	32	P	PEICP1
7440-38-2	Arsenic	2.1	5.8	100	12/11/09	10826	S10826A	32	P	PEICP1
7440-39-3	Barium	11	ND	100	12/11/09	10826	S10826A	32	P	PEICP1
7440-41-7	Beryllium	0.63	ND	100	12/11/09	10826	S10826A	32	P	PEICP1
7440-43-9	Cadmium	0.63	ND	100	12/11/09	10826	S10826A	32	P	PEICP1
7440-70-2	Calcium	1100	ND	100	12/11/09	10826	S10826B	31	P	PEICPRAD1
7440-47-3	Chromium	5.3	8.1	100	12/11/09	10826	S10826A	32	P	PEICP1
7440-48-4	Cobalt	2.6	ND	100	12/11/09	10826	S10826A	32	P	PEICP1
7440-50-8	Copper	5.3	ND	100	12/11/09	10826	S10826A	32	P	PEICP1
7439-89-6	Iron	210	14000	100	12/11/09	10826	S10826B	31	P	PEICPRAD1
7439-92-1	Lead	5.3	ND	100	12/11/09	10826	S10826A	32	P	PEICP1
7439-95-4	Magnesium	530	ND	100	12/11/09	10826	S10826B	31	P	PEICPRAD1
7439-96-5	Manganese	11	ND	100	12/11/09	10826	S10826A	32	P	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	P	PEICP1
7440-09-7	Potassium	530	730	100	12/11/09	10826	S10826B	31	P	PEICPRAD1
7782-49-2	Selenium	1.9	ND	100	12/11/09	10826	S10826A	32	P	PEICP1
7440-22-4	Silver	1.6	ND	100	12/11/09	10826	S10826A	32	P	PEICP1
7440-23-5	Sodium	260	ND	100	12/11/09	10826	S10826B	31	P	PEICPRAD1
7440-28-0	Thallium	1.3	ND	100	12/11/09	10826	S10826A	32	P	PEICP1
7440-62-2	Vanadium	11	16	100	12/11/09	10826	S10826A	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
MS - ICP-MS

Form1
Inorganic Analysis Data Sheet

Sample ID:	AC48729-009	% Solid:	93	Lab Name:	Veritech	Nras No:	
Client Id:	SS05-A	Units:	MG/KG	Lab Code:		Sdg No:	
Matrix:	SOIL	Date Rec:	12/5/2009	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	2000	100	12/11/09	10826	S10826B	32	P	PEICPRAD1
7440-36-0	Antimony	2.2	ND	100	12/11/09	10826	S10826A	33	P	PEICP1
7440-38-2	Arsenic	2.2	5.2	100	12/11/09	10826	S10826A	33	P	PEICP1
7440-39-3	Barium	11	ND	100	12/11/09	10826	S10826A	33	P	PEICP1
7440-41-7	Beryllium	0.65	ND	100	12/11/09	10826	S10826A	33	P	PEICP1
7440-43-9	Cadmium	0.65	ND	100	12/11/09	10826	S10826A	33	P	PEICP1
7440-70-2	Calcium	1100	ND	100	12/11/09	10826	S10826B	32	P	PEICPRAD1
7440-47-3	Chromium	5.4	8.3	100	12/11/09	10826	S10826A	33	P	PEICP1
7440-48-4	Cobalt	2.7	ND	100	12/11/09	10826	S10826A	33	P	PEICP1
7440-50-8	Copper	5.4	ND	100	12/11/09	10826	S10826A	33	P	PEICP1
7439-89-6	Iron	220	12000	100	12/11/09	10826	S10826B	32	P	PEICPRAD1
7439-92-1	Lead	5.4	8.1	100	12/11/09	10826	S10826A	33	P	PEICP1
7439-95-4	Magnesium	540	ND	100	12/11/09	10826	S10826B	32	P	PEICPRAD1
7439-96-5	Manganese	11	27	100	12/11/09	10826	S10826A	33	P	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	P	PEICPRAD1
7782-49-2	Selenium	1.9	ND	100	12/11/09	10826	S10826A	33	P	PEICP1
7440-22-4	Silver	1.6	ND	100	12/11/09	10826	S10826A	33	P	PEICP1
7440-23-5	Sodium	270	ND	100	12/11/09	10826	S10826B	32	P	PEICPRAD1
7440-28-0	Thallium	1.3	ND	100	12/11/09	10826	S10826A	33	P	PEICP1
7440-62-2	Vanadium	11	16	100	12/11/09	10826	S10826A	33	P	PEICP1
7440-66-6	Zinc	11	20	100	12/11/09	10826	S10826A	33	P	PEICP1

Comments: _____

Flag Codes:

U or ND - Indicates Compound was not found above the detection/reporting limit
P - ICP-AES
CV -ColdVapor
MS - ICP-MS

Form1
Inorganic Analysis Data Sheet

Sample ID:	AC48729-010	% Solid:	92	Lab Name:	Veritech	Nras No:	
Client Id:	SS05-B	Units:	MG/KG	Lab Code:		Sdg No:	
Matrix:	SOIL	Date Rec:	12/5/2009	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	P	PEICPRAD1
7440-36-0	Antimony	2.2	ND	100	12/11/09	10826	S10826A	34	P	PEICP1
7440-38-2	Arsenic	2.2	7.7	100	12/11/09	10826	S10826A	34	P	PEICP1
7440-39-3	Barium	11	ND	100	12/11/09	10826	S10826A	34	P	PEICP1
7440-41-7	Beryllium	0.65	ND	100	12/11/09	10826	S10826A	34	P	PEICP1
7440-43-9	Cadmium	0.65	ND	100	12/11/09	10826	S10826A	34	P	PEICP1
7440-70-2	Calcium	1100	ND	100	12/11/09	10826	S10826B	33	P	PEICPRAD1
7440-47-3	Chromium	5.4	12	100	12/11/09	10826	S10826A	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	S10826A	34	P	PEICP1
7439-89-6	Iron	220	22000	100	12/11/09	10826	S10826B	33	P	PEICPRAD1
7439-92-1	Lead	5.4	ND	100	12/11/09	10826	S10826A	34	P	PEICP1
7439-95-4	Magnesium	540	ND	100	12/11/09	10826	S10826B	33	P	PEICPRAD1
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	CV	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	S10826B	33	P	PEICPRAD1
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	P	PEICP1
7440-23-5	Sodium	270	ND	100	12/11/09	10826	S10826B	33	P	PEICPRAD1
7440-28-0	Thallium	1.3	ND	100	12/11/09	10826	S10826A	34	P	PEICP1
7440-62-2	Vanadium	11	ND	100	12/11/09	10826	S10826A	34	P	PEICP1
7440-66-6	Zinc	11	ND	100	12/11/09	10826	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
MS - ICP-MS

Form1
Inorganic Analysis Data Sheet

Sample ID:	AC48729-011	% Solid:	95	Lab Name:	Veritech	Nras No:	
Client Id:	SS06-A	Units:	MG/KG	Lab Code:		Sdg No:	
Matrix:	SOIL	Date Rec:	12/5/2009	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	210	1200	100	12/11/09	10826	S10826B	34	P	PEICPRAD1
7440-36-0	Antimony	2.1	ND	100	12/11/09	10826	S10826A	35	P	PEICP1
7440-38-2	Arsenic	2.1	3.0	100	12/11/09	10826	S10826A	35	P	PEICP1
7440-39-3	Barium	11	ND	100	12/11/09	10826	S10826A	35	P	PEICP1
7440-41-7	Beryllium	0.63	ND	100	12/11/09	10826	S10826A	35	P	PEICP1
7440-43-9	Cadmium	0.63	ND	100	12/11/09	10826	S10826A	35	P	PEICP1
7440-70-2	Calcium	1100	ND	100	12/11/09	10826	S10826B	34	P	PEICPRAD1
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	Copper	5.3	ND	100	12/11/09	10826	S10826A	35	P	PEICP1
7439-89-6	Iron	210	6200	100	12/11/09	10826	S10826B	34	P	PEICPRAD1
7439-92-1	Lead	5.3	9.2	100	12/11/09	10826	S10826A	35	P	PEICP1
7439-95-4	Magnesium	530	ND	100	12/11/09	10826	S10826B	34	P	PEICPRAD1
7439-96-5	Manganese	11	22	100	12/11/09	10826	S10826A	35	P	PEICP1
7439-97-6	Mercury	0.088	ND	167	12/10/09	10826	H10826S	29	CV	HGCV2
7440-02-0	Nickel	5.3	ND	100	12/11/09	10826	S10826A	35	P	PEICP1
7440-09-7	Potassium	530	ND	100	12/11/09	10826	S10826B	34	P	PEICPRAD1
7782-49-2	Selenium	1.9	ND	100	12/11/09	10826	S10826A	35	P	PEICP1
7440-22-4	Silver	1.6	ND	100	12/11/09	10826	S10826A	35	P	PEICP1
7440-23-5	Sodium	260	ND	100	12/11/09	10826	S10826B	34	P	PEICPRAD1
7440-28-0	Thallium	1.3	ND	100	12/11/09	10826	S10826A	35	P	PEICP1
7440-62-2	Vanadium	11	ND	100	12/11/09	10826	S10826A	35	P	PEICP1
7440-66-6	Zinc	11	ND	100	12/11/09	10826	S10826A	35	P	PEICP1

Comments: _____

_____

Flag Codes:

U or ND - Indicates Compound was not found above the detection/reporting limit
P - ICP-AES
CV -ColdVapor
MS - ICP-MS

Form1
Inorganic Analysis Data Sheet

Sample ID:	AC48729-012	% Solid:	93	Lab Name:	Veritech	Nras No:	
Client Id:	SS06-B	Units:	MG/KG	Lab Code:		Sdg No:	
Matrix:	SOIL	Date Rec:	12/5/2009	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	1700	100	12/11/09	10826	S10826B	35	P	PEICPRAD1
7440-36-0	Antimony	2.2	ND	100	12/11/09	10826	S10826A	36	P	PEICP1
7440-38-2	Arsenic	2.2	ND	100	12/11/09	10826	S10826A	36	P	PEICP1
7440-39-3	Barium	11	ND	100	12/11/09	10826	S10826A	36	P	PEICP1
7440-41-7	Beryllium	0.65	ND	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	P	PEICP1
7440-50-8	Copper	5.4	ND	100	12/11/09	10826	S10826A	36	P	PEICP1
7439-89-6	Iron	220	7700	100	12/11/09	10826	S10826B	35	P	PEICPRAD1
7439-92-1	Lead	5.4	ND	100	12/11/09	10826	S10826A	36	P	PEICP1
7439-95-4	Magnesium	540	ND	100	12/11/09	10826	S10826B	35	P	PEICPRAD1
7439-96-5	Manganese	11	ND	100	12/11/09	10826	S10826A	36	P	PEICP1
7439-97-6	Mercury	0.090	ND	167	12/10/09	10826	H10826S	30	CV	HGCV2
7440-02-0	Nickel	5.4	ND	100	12/11/09	10826	S10826A	36	P	PEICP1
7440-09-7	Potassium	540	ND	100	12/11/09	10826	S10826B	35	P	PEICPRAD1
7782-49-2	Selenium	1.9	ND	100	12/11/09	10826	S10826A	36	P	PEICP1
7440-22-4	Silver	1.6	ND	100	12/11/09	10826	S10826A	36	P	PEICP1
7440-23-5	Sodium	270	ND	100	12/11/09	10826	S10826B	35	P	PEICPRAD1
7440-28-0	Thallium	1.3	ND	100	12/11/09	10826	S10826A	36	P	PEICP1
7440-62-2	Vanadium	11	ND	100	12/11/09	10826	S10826A	36	P	PEICP1
7440-66-6	Zinc	11	ND	100	12/11/09	10826	S10826A	36	P	PEICP1

Comments: _____

Flag Codes:

U or ND - Indicates Compound was not found above the detection/reporting limit
P - ICP-AES
CV - ColdVapor
MS - ICP-MS

Form1
Inorganic Analysis Data Sheet

Sample ID:	AC48729-013	% Solid:	92	Lab Name:	Veritech	Nras No:	
Client Id:	SS07-A	Units:	MG/KG	Lab Code:		Scg No:	
Matrix:	SOIL	Date Rec:	12/5/2009	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	1200	100	12/11/09	10826	S10826B	36	P	PEICPRAD1
7440-36-0	Antimony	2.2	ND	100	12/11/09	10826	S10826A	37	P	PEICP1
7440-38-2	Arsenic	2.2	2.9	100	12/11/09	10826	S10826A	37	P	PEICP1
7440-39-3	Barium	11	13	100	12/11/09	10826	S10826A	37	P	PEICP1
7440-41-7	Beryllium	0.65	ND	100	12/11/09	10826	S10826A	37	P	PEICP1
7440-43-9	Cadmium	0.65	ND	100	12/11/09	10826	S10826A	37	P	PEICP1
7440-70-2	Calcium	1100	ND	100	12/11/09	10826	S10826B	36	P	PEICPRAD1
7440-47-3	Chromium	5.4	16	100	12/11/09	10826	S10826A	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	S10826A	37	P	PEICP1
7439-89-6	Iron	220	6000	100	12/11/09	10826	S10826B	36	P	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	S10826A	37	P	PEICP1
7440-09-7	Potassium	540	ND	100	12/11/09	10826	S10826B	36	P	PEICPRAD1
7782-49-2	Selenium	2.0	ND	100	12/11/09	10826	S10826A	37	P	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	S10826A	37	P	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
MS - ICP-MS

Form1
Inorganic Analysis Data Sheet

Sample ID:	AC48729-014	% Solid:	94	Lab Name:	Veritech	Nras No:	
Client Id:	SS07-B	Units:	MG/KG	Lab Code:		Sdg No:	
Matrix:	SOIL	Date Rec:	12/5/2009	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	210	1800	100	12/11/09	10826	S10826B	37	P	PEICPRAD1
7440-36-0	Antimony	2.1	ND	100	12/11/09	10826	S10826A	38	P	PEICP1
7440-38-2	Arsenic	2.1	ND	100	12/11/09	10826	S10826A	38	P	PEICP1
7440-39-3	Barium	11	ND	100	12/11/09	10826	S10826A	38	P	PEICP1
7440-41-7	Beryllium	0.64	ND	100	12/11/09	10826	S10826A	38	P	PEICP1
7440-43-9	Cadmium	0.64	ND	100	12/11/09	10826	S10826A	38	P	PEICP1
7440-70-2	Calcium	1100	ND	100	12/11/09	10826	S10826B	37	P	PEICPRAD1
7440-47-3	Chromium	5.3	ND	100	12/11/09	10826	S10826A	38	P	PEICP1
7440-48-4	Cobalt	2.7	ND	100	12/11/09	10826	S10826A	38	P	PEICP1
7440-50-8	Copper	5.3	ND	100	12/11/09	10826	S10826A	38	P	PEICP1
7439-89-6	Iron	210	6200	100	12/11/09	10826	S10826B	37	P	PEICPRAD1
7439-92-1	Lead	5.3	ND	100	12/11/09	10826	S10826A	38	P	PEICP1
7439-95-4	Magnesium	530	ND	100	12/11/09	10826	S10826B	37	P	PEICPRAD1
7439-96-5	Manganese	11	ND	100	12/11/09	10826	S10826A	38	P	PEICP1
7439-97-6	Mercury	0.089	ND	167	12/10/09	10826	H10826S	32	CV	HGCV2
7440-02-0	Nickel	5.3	ND	100	12/11/09	10826	S10826A	38	P	PEICP1
7440-09-7	Potassium	530	ND	100	12/11/09	10826	S10826B	37	P	PEICPRAD1
7782-49-2	Selenium	1.9	ND	100	12/11/09	10826	S10826A	38	P	PEICP1
7440-22-4	Silver	1.6	ND	100	12/11/09	10826	S10826A	38	P	PEICP1
7440-23-5	Sodium	270	ND	100	12/11/09	10826	S10826B	37	P	PEICPRAD1
7440-28-0	Thallium	1.3	ND	100	12/11/09	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	100	12/11/09	10826	S10826A	38	P	PEICP1

Comments: _____

_____

Flag Codes:

U or ND - Indicates Compound was not found above the detection/reporting limit
P - ICP-AES
CV -ColdVapor
MS - ICP-MS

Form1
Inorganic Analysis Data Sheet

Sample ID:	AC48729-015	% Solid:	95	Lab Name:	Veritech	Nras No:	
Client Id:	SS08-A	Units:	MG/KG	Lab Code:		Sdg No:	
Matrix:	SOIL	Date Rec:	12/5/2009	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	210	940	100	12/11/09	10826	S10826B	40	P	PEICPRAD1
7440-36-0	Antimony	2.1	ND	100	12/11/09	10826	S10826A	41	P	PEICP1
7440-38-2	Arsenic	2.1	3.0	100	12/11/09	10826	S10826A	41	P	PEICP1
7440-39-3	Barium	11	ND	100	12/11/09	10826	S10826A	41	P	PEICP1
7440-41-7	Beryllium	0.63	ND	100	12/11/09	10826	S10826A	41	P	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	S10826A	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	S10826A	41	P	PEICP1
7439-89-6	Iron	210	6000	100	12/11/09	10826	S10826B	40	P	PEICPRAD1
7439-92-1	Lead	5.3	5.6	100	12/11/09	10826	S10826A	41	P	PEICP1
7439-95-4	Magnesium	530	ND	100	12/11/09	10826	S10826B	40	P	PEICPRAD1
7439-96-5	Manganese	11	33	100	12/11/09	10826	S10826A	41	P	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	P	PEICP1
7440-09-7	Potassium	530	ND	100	12/11/09	10826	S10826B	40	P	PEICPRAD1
7782-49-2	Selenium	1.9	ND	100	12/11/09	10826	S10826A	41	P	PEICP1
7440-22-4	Silver	1.6	ND	100	12/11/09	10826	S10826A	41	P	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	S10826A	41	P	PEICP1
7440-62-2	Vanadium	11	ND	100	12/11/09	10826	S10826A	41	P	PEICP1
7440-66-6	Zinc	11	26	100	12/11/09	10826	S10826A	41	P	PEICP1

Comments: _____

Flag Codes:

U or ND - Indicates Compound was not found above the detection/reporting limit
P - ICP-AES
CV -ColdVapor
MS - ICP-MS

Form1
Inorganic Analysis Data Sheet

Sample ID:	AC48729-016	% Solid:	68	Lab Name:	Veritech	Nras No:	
Client Id:	SS08-B	Units:	MG/KG	Lab Code:		Sdg No:	
Matrix:	SOIL	Date Rec:	12/5/2009	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	290	2800	100	12/12/09	10826	S10826B	41	P	PEICPRAD1
7440-36-0	Antimony	2.9	ND	100	12/11/09	10826	S10826A	42	P	PEICP1
7440-38-2	Arsenic	2.9	4.2	100	12/11/09	10826	S10826A	42	P	PEICP1
7440-39-3	Barium	15	ND	100	12/11/09	10826	S10826A	42	P	PEICP1
7440-41-7	Beryllium	0.88	ND	100	12/11/09	10826	S10826A	42	P	PEICP1
7440-43-9	Cadmium	0.68	ND	100	12/11/09	10826	S10826A	42	P	PEICP1
7440-70-2	Calcium	1500	ND	100	12/12/09	10826	S10826B	41	P	PEICPRAD1
7440-47-3	Chromium	7.4	8.9	100	12/11/09	10826	S10826A	42	P	PEICP1
7440-48-4	Cobalt	3.7	ND	100	12/11/09	10826	S10826A	42	P	PEICP1
7440-50-8	Copper	7.4	ND	100	12/11/09	10826	S10826A	42	P	PEICP1
7439-89-6	Iron	290	9200	100	12/12/09	10826	S10826B	41	P	PEICPRAD1
7439-92-1	Lead	7.4	ND	100	12/11/09	10826	S10826A	42	P	PEICP1
7439-95-4	Magnesium	740	ND	100	12/12/09	10826	S10826B	41	P	PEICPRAD1
7439-96-5	Manganese	15	ND	100	12/11/09	10826	S10826A	42	P	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	Potassium	740	ND	100	12/12/09	10826	S10826B	41	P	PEICPRAD1
7782-49-2	Selenium	2.6	ND	100	12/11/09	10826	S10826A	42	P	PEICP1
7440-22-4	Silver	2.2	ND	100	12/11/09	10826	S10826A	42	P	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	P	PEICP1
7440-66-6	Zinc	15	ND	100	12/11/09	10826	S10826A	42	P	PEICP1

Comments: _____

_____

Flag Codes:

U or ND - Indicates Compound was not found above the detection/reporting limit
P - ICP-AES
CV - ColdVapor
MS - ICP-MS

Form1
Inorganic Analysis Data Sheet

Sample ID:	AC48729-017	% Solid:	0	Lab Name:	Veritech	Nras No:	
Client Id:	FB	Units:	UG/L	Lab Code:		Scg No:	
Matrix:	AQUEOUS	Date Rec:	12/5/2009	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	2000	ND	1	12/12/09	10826	S10826B	42	P	PEICPRAD1
7440-36-0	Antimony	20	ND	1	12/11/09	10826	S10826A	43	P	PEICP1
7440-38-2	Arsenic	20	ND	1	12/11/09	10826	S10826A	43	P	PEICP1
7440-39-3	Barium	100	ND	1	12/11/09	10826	S10826A	43	P	PEICP1
7440-41-7	Beryllium	6.0	ND	1	12/11/09	10826	S10826A	43	P	PEICP1
7440-43-9	Cadmium	6.0	ND	1	12/11/09	10826	S10826A	43	P	PEICP1
7440-70-2	Calcium	10000	ND	1	12/12/09	10826	S10826B	42	P	PEICPRAD1
7440-47-3	Chromium	50	ND	1	12/11/09	10826	S10826A	43	P	PEICP1
7440-48-4	Cobalt	25	ND	1	12/11/09	10826	S10826A	43	P	PEICP1
7440-50-8	Copper	50	ND	1	12/11/09	10826	S10826A	43	P	PEICP1
7439-89-6	Iron	2000	ND	1	12/12/09	10826	S10826B	42	P	PEICPRAD1
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	P	PEICPRAD1
7439-96-5	Manganese	100	ND	1	12/11/09	10826	S10826A	43	P	PEICP1
7439-97-6	Mercury	0.50	ND	1	12/10/09	10826	H10826S	37	CV	HGCV2
7440-02-0	Nickel	50	ND	1	12/11/09	10826	S10826A	43	P	PEICP1
7440-09-7	Potassium	5000	ND	1	12/12/09	10826	S10826B	42	P	PEICPRAD1
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	P	PEICP1
7440-23-5	Sodium	2500	ND	1	12/12/09	10826	S10826B	42	P	PEICPRAD1
7440-28-0	Thallium	12	ND	1	12/11/09	10826	S10826A	43	P	PEICP1
7440-62-2	Vanadium	100	ND	1	12/11/09	10826	S10826A	43	P	PEICP1
7440-66-6	Zinc	100	ND	1	12/11/09	10826	S10826A	43	P	PEICP1

Comments: _____

Flag Codes:

U or ND - Indicates Compound was not found above the detection/reporting limit
P - ICP-AES
CV -ColdVapor
MS - ICP-MS

Form1
Inorganic Analysis Data Sheet

Sample ID:	AC48729-007	% Solid:	0	Lab Name:	Veritech	Nras No:	
Client Id:	SS04-A	Units:	MG/L	Lab Code:		Sdg No:	
Matrix:	SPLP	Date Rec:	12/5/2009	Contract:		Case No:	
Level:	LOW						

Cas No.	Analyte	RL	Conc	Dil Fact	Analysis Date:	Prep Batch	File:	Seq Num:	M	Instr
7439-96-5	Manganese	0.20	ND	1	01/04/10	10877	SP10877A2	16	P	PEICP2

Comments: _____

_____

Flag Codes:

U or ND - Indicates Compound was not found above the detection/reporting limit
P - ICP-AES
CV -ColdVapor
MS - ICP-MS

VERITECH Wet Chem Form1 Analysis Summary
% Solids

TestGroupName: % Solids SM2540G **Project #: 9120444**

TestGroup: %SOLIDS

Lab#	Client SampleID	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	1	92	Percent			12/07/09	12/04/09	12/04/09
AC48729-004	SS02-B	Soil	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			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	Soil	1	95	Percent			12/08/09	12/04/09	12/04/09
AC48729-012	SS06-B	Soil	1	93	Percent			12/08/09	12/04/09	12/04/09
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
AC48729-016	SS08-B	Soil	1	68	Percent			12/08/09	12/04/09	12/04/09

FORM2

Surrogate Recovery

Method: EPA 8270C

D	Sample#	Matrix	Date/Time	Surr	Dilute Out Flag	Column1 S1 Recov	Column1 S2 Recov	Column1 S3 Recov	Column1 S4 Recov	Column1 S5 Recov	Column1 S6 Recov
10M09080.D	SMB4358	Soil	12/16/09 17:28	1		NA	NA	88	93	NA	97
9M22091.D	WMB4345	Aqueous	12/10/09 10:39	1		NA	NA	78	85	NA	88
9[illegible]2199.D	SMB4360	Soil	12/17/09 14:25	1		NA	NA	72	73	NA	83
1[illegible]09083.D	AC48729-001	Soil	12/16/09 18:34	1		NA	NA	75	81	NA	86
9M22187.D	AC48729-002	Soil	12/16/09 21:16	1		NA	NA	81	90	NA	97
10M09084.D	AC48729-003	Soil	12/16/09 18:56	1		NA	NA	78	84	NA	87
9M22208.D	AC48729-004	Soil	12/17/09 17:50	1		NA	NA	70	72	NA	83
1[illegible]09113.D	AC48729-005	Soil	12/17/09 19:00	1		NA	NA	73	79	NA	80
1[illegible]09116.D	AC48729-006	Soil	12/17/09 20:06	1		NA	NA	74	78	NA	84
10M09114.D	AC48729-007	Soil	12/17/09 19:22	1		NA	NA	75	83	NA	82
9M22216.D	AC48729-008	Soil	12/17/09 20:54	1		NA	NA	72	73	NA	82
1[illegible]09115.D	AC48729-009	Soil	12/17/09 19:44	1		NA	NA	65	70	NA	72
9[illegible]2209.D	AC48729-010	Soil	12/17/09 18:13	1		NA	NA	65	67	NA	79
9M22210.D	AC48729-011	Soil	12/17/09 18:36	1		NA	NA	61	67	NA	75
9M22211.D	AC48729-012	Soil	12/17/09 18:59	1		NA	NA	63	65	NA	76
9M22212.D	AC48729-013	Soil	12/17/09 19:22	1		NA	NA	80	88	NA	95
9[illegible]2213.D	AC48729-014	Soil	12/17/09 19:45	1		NA	NA	76	80	NA	87
9[illegible]2214.D	AC48729-015	Soil	12/17/09 20:08	1		NA	NA	81	84	NA	93
9M22215.D	AC48729-016	Soil	12/17/09 20:31	1		NA	NA	71	75	NA	87
9M22092.D	AC48729-017	Aqueous	12/10/09 11:01	1		NA	NA	77	80	NA	86
5[illegible]4233.D	WMB4345(MS	Aqueous	12/10/09 09:26	1		NA	NA	85	80	NA	88
9[illegible]2175.D	SMB4358(MS)	Soil	12/16/09 16:41	1		NA	NA	93	95	NA	105
9M22176.D	AC48751-013(	Soil	12/16/09 17:04	1		NA	NA	77	86	NA	86
9M22177.D	AC48751-014(	Soil	12/16/09 17:27	1		NA	NA	77	88	NA	94
9M22178.D	AC48751-012	Soil	12/16/09 17:49	1		NA	NA	73	77	NA	81
9[illegible]2203.D	SMB4360(MS)	Soil	12/17/09 15:56	1		NA	NA	65	68	NA	85
9[illegible]2204.D	AC48721-002	Soil	12/17/09 16:19	1		NA	NA	80	79	NA	87
9M22205.D	AC48721-002(	Soil	12/17/09 16:42	1		NA	NA	71	72	NA	82
9M22206.D	AC48721-002(	Soil	12/17/09 17:05	1		NA	NA	80	76	NA	86

[illegible]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=Terphenyl-d14	50	40-158

Aqueous Limits

Compound	Spike 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

Data File:==>					5M54233.D														
Data/Batch/Sample ID:==>					WMB4345(MS)-Aq														
Date/Time:==>					12/10/09 09:26														
Compound	Limit(s) Soil	Limit(s) Aq	Col	Mr	Conc	Conc Exp	% Rec	Conc	Conc Exp	% Rec	Conc	Conc Exp	% Rec	Conc	Conc Exp	% Rec	Conc	Conc Exp	% Rec
1,2,4-Trichlorobenz		52-120	1	0	82.98	100	83												
1,4-Dichlorobenzen		52-110	1	0	77.76	100	78												
4-Dimethylphenol		54-122	1	0	83	100	83												
4-Dinitrotoluene		64-120	1	0	96.51	100	97												
2-Chlorophenol		64-108	1	0	80.93	100	81												
2-Methylphenol		58-113	1	0	73.33	100	73												
Chloro-3-methylph		71-119	1	0	90.69	100	91												
Nitrophenol		35-116	1	0	37.13	100	37												
Acenaphthene		75-110	1	0	90.48	100	90												
Butylbenzylphthalat		66-127	1	0	97.64	100	98												
luorene		73-113	1	0	93.4	100	93												
aphthalene		61-116	1	0	85.66	100	86												
N-Nitroso-di-n-propy		49-118	1	0	88.47	100	88												
entachlorophenol		76-140	1	0	93.1	100	93												
henol		32-98	1	0	36.09	100	36												
yrene		76-118	1	0	85.6	100	86												

Flags/Notes: ** - Values outside of limits for this column/run*

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

Mbs Date: 12/16/09 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 Lim	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	0	50	23	147	39	46.75	0.00	42.72	43.81	94	85	88	2.5
1,2,4-Trichlorobenzen	32	1	0	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	86	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
Butylbenzylphthalate	88	1	0	50	45	157	40	59.47	0.00	53.01	56.85	119	106	114	7

Note:

Rp = Failed Rpd Criteria **Mo = Failed Recovery Criteria**

^ - Both Ms and Msd Recoveries = 0 ... no valid information can be calculated

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

Compound	C#	Co	Mr	Conc Exp	Lo Lim	Hi Lim	Rpd Lim	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	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-Trichlorobenzen	32	1	0	50	40	129	39	34.93	0.00	39.97	42.82	70	80	86	6.9
Naphthalene	33	1	0	50	44	132	41	35.94	0.00	41.06	44.36	72	82	89	7.7
Acenaphthene	55	1	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

Note:

Rp = Failed Rpd Criteria **Mo = Failed Recovery Criteria**

^ - Both Ms and Msd Recoveries = 0 ... no valid information can be calculated

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

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

Form 5

Tune 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

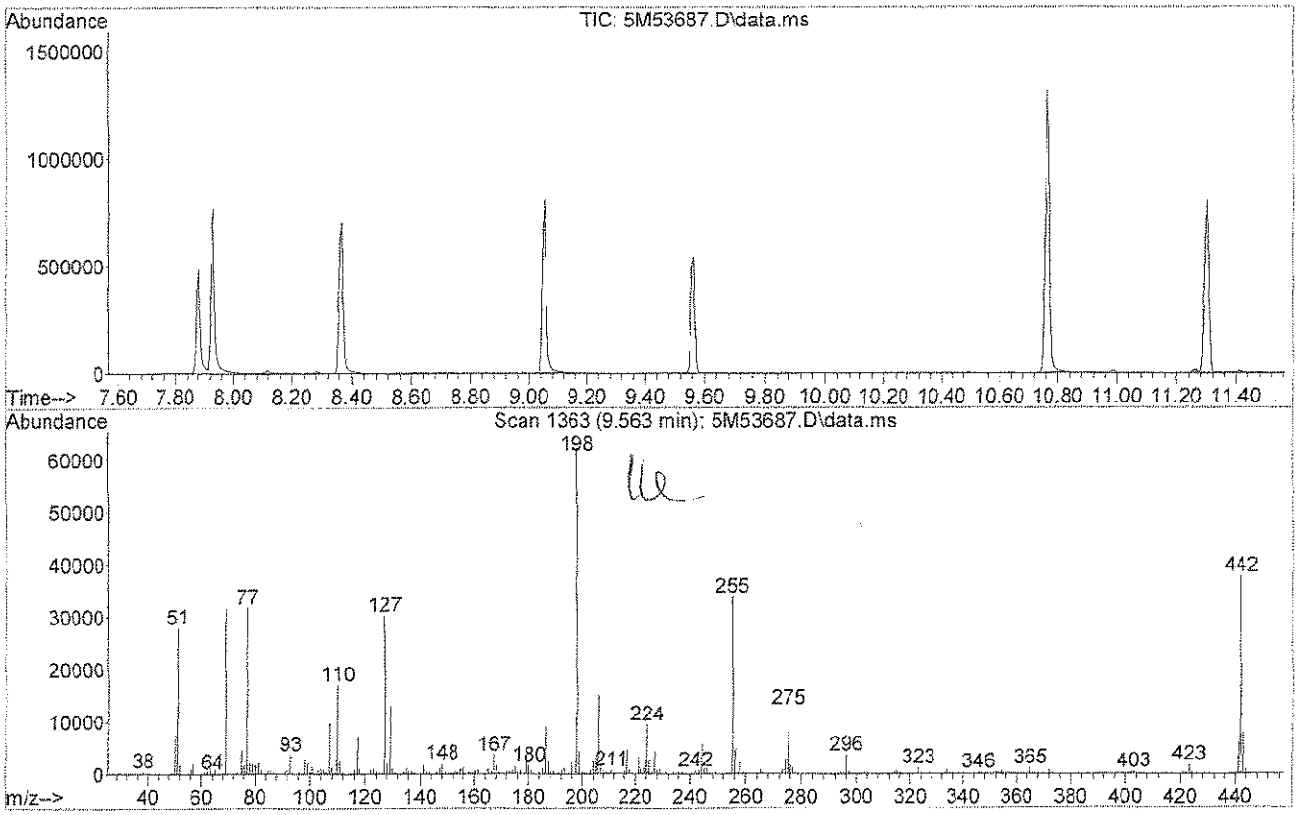
Tgt Mass	Rel Mass	Lo Lim	Hi Lim	Rel Abund	Raw Abund	Pass/ Fail
51	198	30	60	44.8	27904	PASS
68	69	0.00	2	0.0	0	PASS
69	198	0.00	100	50.5	31456	PASS
70	69	0.00	2	0.0	0	PASS
127	198	40	60	48.6	30232	PASS
197	198	0.00	1	0.0	0	PASS
198	198	100	100	100.0	62264	PASS
199	198	5	9	7.0	4336	PASS
275	198	10	30	20.0	12422	PASS
365	198	1	100	1.7	1037	PASS
441	443	0.01	100	74.0	5756	PASS
442	198	40	100	60.6	37728	PASS
443	442	17	23	20.6	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@10PPM	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@120PP	11/16/09 10:35
5M53694.D	CAL BNA@160PP	11/16/09 10:57
5M53695.D	CAL BNA@196PP	11/16/09 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:\GcMsData\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	198	30	60	44.8	27904	PASS
68	69	0.00	2	0.0	0	PASS
69	198	0.00	100	50.5	31456	PASS
70	69	0.00	2	0.0	0	PASS
127	198	40	60	48.6	30232	PASS
197	198	0.00	1	0.0	0	PASS
198	198	100	100	100.0	62264	PASS
199	198	5	9	7.0	4335	PASS
275	198	10	30	20.0	12422	PASS
365	198	1	100	1.7	1037	PASS
441	443	0.01	100	74.0	5756	PASS
442	198	40	100	60.6	37728	PASS
443	442	17	23	20.6	7779	PASS

Form 5

Tune Name: CAL DFTPP
Instrument: GCMS 9

Data File: 9M21687.D
Analysis Date: 11/16/09 07:52
Method: EPA 8270C

Tune Scan/Time Range: Scan 1418

Tgt Mass	Rel Mass	Lo Lim	Hi Lim	Rel Abund	Raw Abund	Pass/ 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.D	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

Form 5

Tune Name: CAL DFTPP **Data File:** 9M22124.D
Instrument: GCMS 9 **Analysis Date:** 12/14/09 11:02
Method: EPA 8270C

Tune Scan/Time Range: Average of 9.911 to 9.927 min

Tgt Mass	Rel Mass	Lo Lim	Hi Lim	Rel Abund	Raw Abund	Pass/ Fail
51	198	30	60	39.5	6383	PASS
68	69	0.00	2	1.3	87	PASS
69	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

Form 5

Tune Name: CAL DFTPP **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

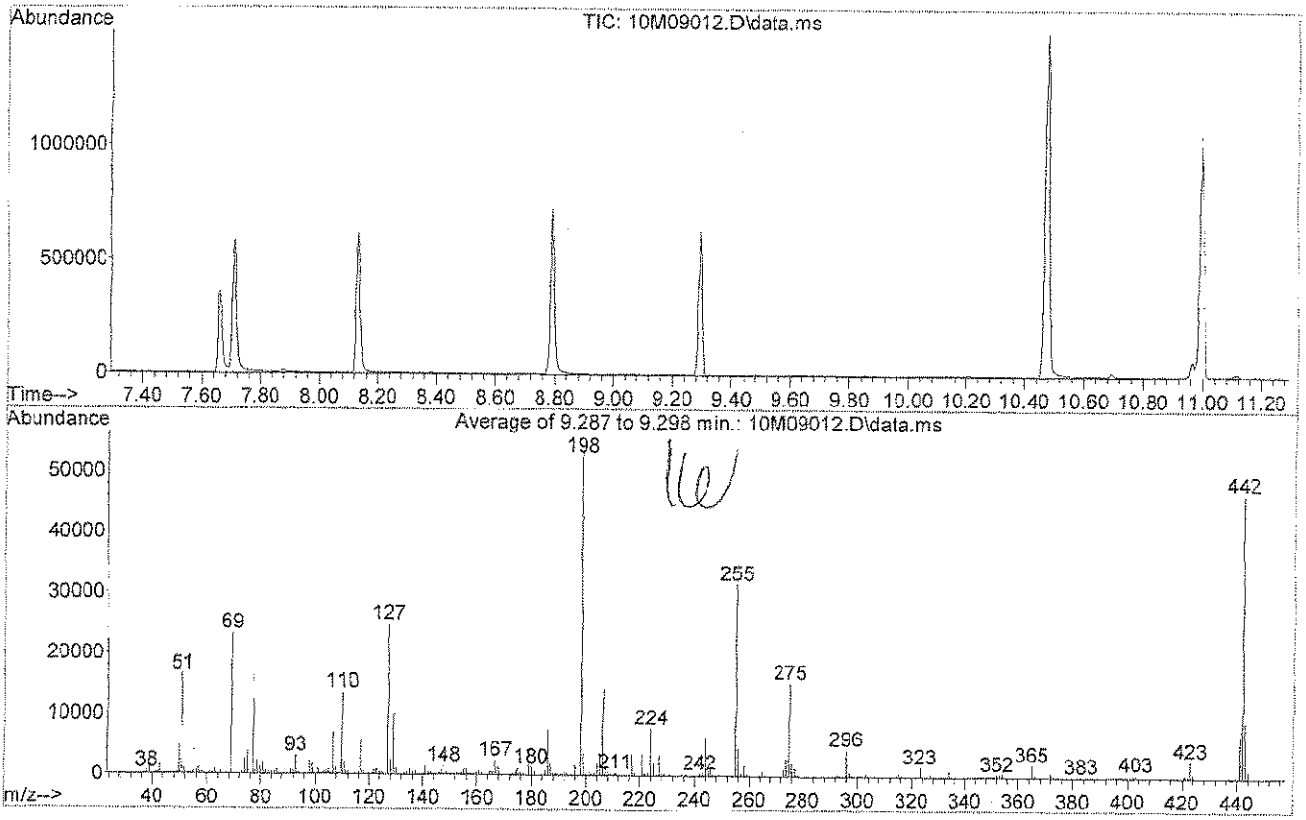
Tgt Mass	Rel Mass	Lo Lim	Hi Lim	Rel Abund	Raw Abund	Pass/ Fail
51	198	30	60	30.6	16462	PASS
68	69	0.00	2	0.0	0	PASS
69	198	0.00	100	43.2	23257	PASS
70	69	0.00	2	0.6	138	PASS
127	198	40	60	46.1	24814	PASS
197	198	0.00	1	0.0	0	PASS
198	198	100	100	100.0	53832	PASS
199	198	5	9	6.9	3688	PASS
275	198	10	30	28.6	15411	PASS
365	198	1	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 : 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_1113.M
Title : @GCMS_10,mg,625,8270
Last Update : Fri Nov 13 11:05:00 2009



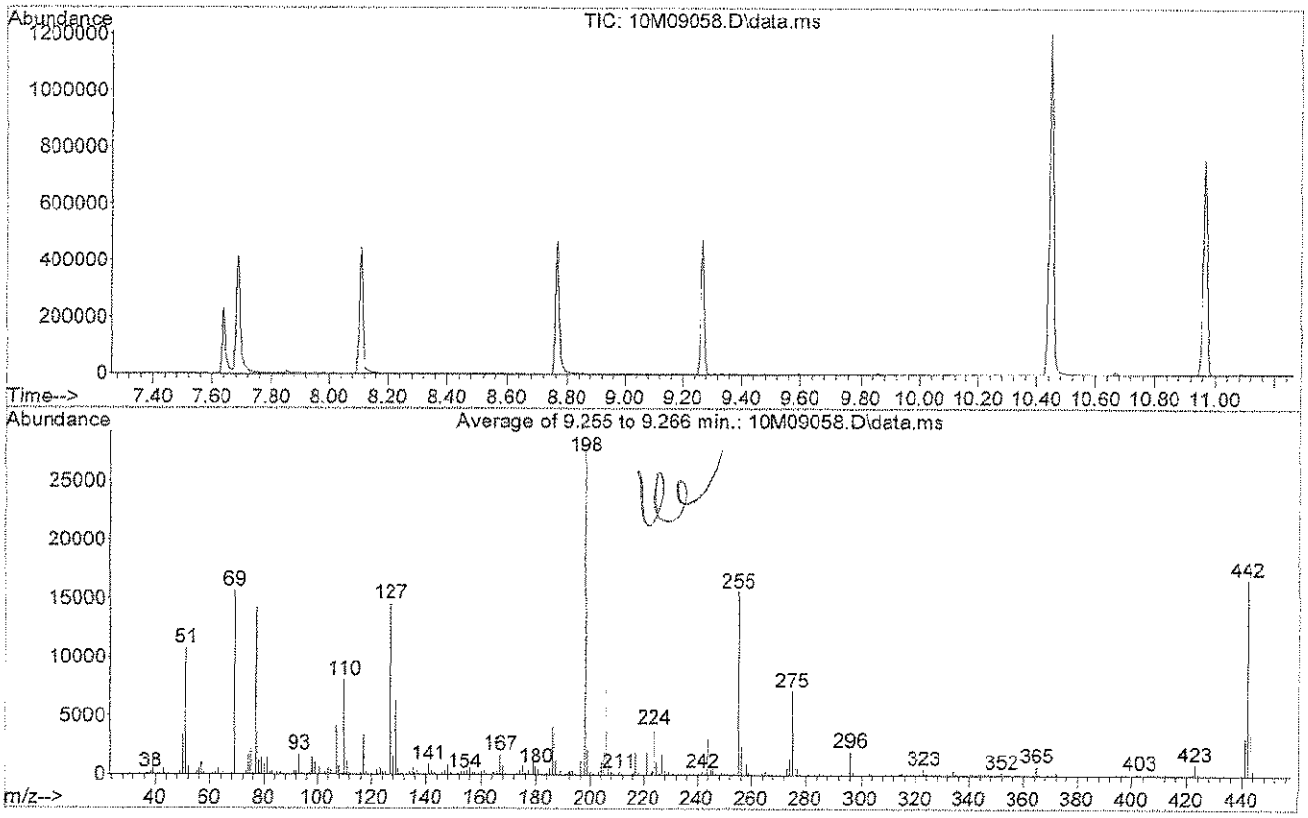
Spectrum Information: Average of 9.287 to 9.298 min.

Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
51	198	30	60	30.6	16462	PASS
68	69	0.00	2	0.0	0	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	5.9	3688	PASS
275	198	10	30	28.6	15411	PASS
365	198	1	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 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 Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
51	198	30	60	38.6	10748	PASS
68	69	0.00	2	0.5	75	PASS
69	198	0.00	100	56.3	15666	PASS
70	69	0.00	2	0.0	0	PASS
127	198	40	60	52.5	14610	PASS
197	198	0.00	1	0.0	0	PASS
198	198	100	100	100.0	27811	PASS
199	198	5	9	7.7	2136	PASS
275	198	10	30	25.7	7149	PASS
365	198	1	100	2.7	757	PASS
441	443	0.01	100	92.2	3156	PASS
442	198	40	100	60.0	16700	PASS
443	442	17	23	20.5	3424	PASS

Form 5

Tune 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

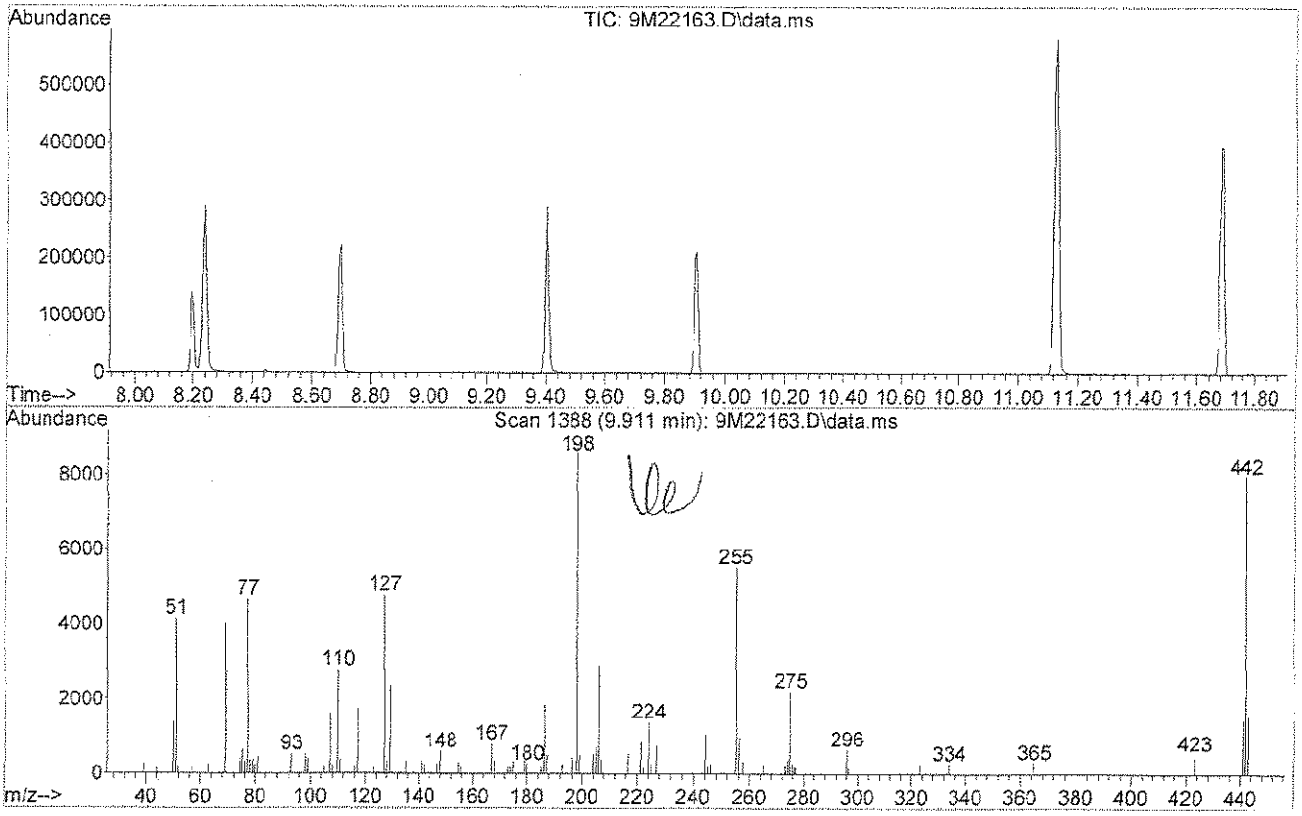
Tgt Mass	Rel Mass	Lo Lim	Hi Lim	Rel Abund	Raw Abund	Pass/ Fail
51	198	30	60	47.4	4139	PASS
68	69	0.00	2	0.0	0	PASS
69	198	0.00	100	46.0	4014	PASS
70	69	0.00	2	0.0	0	PASS
127	198	40	60	54.8	4782	PASS
197	198	0.00	1	0.0	0	PASS
198	198	100	100	100.0	8727	PASS
199	198	5	9	5.6	485	PASS
275	198	10	30	25.2	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
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

Form 5

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

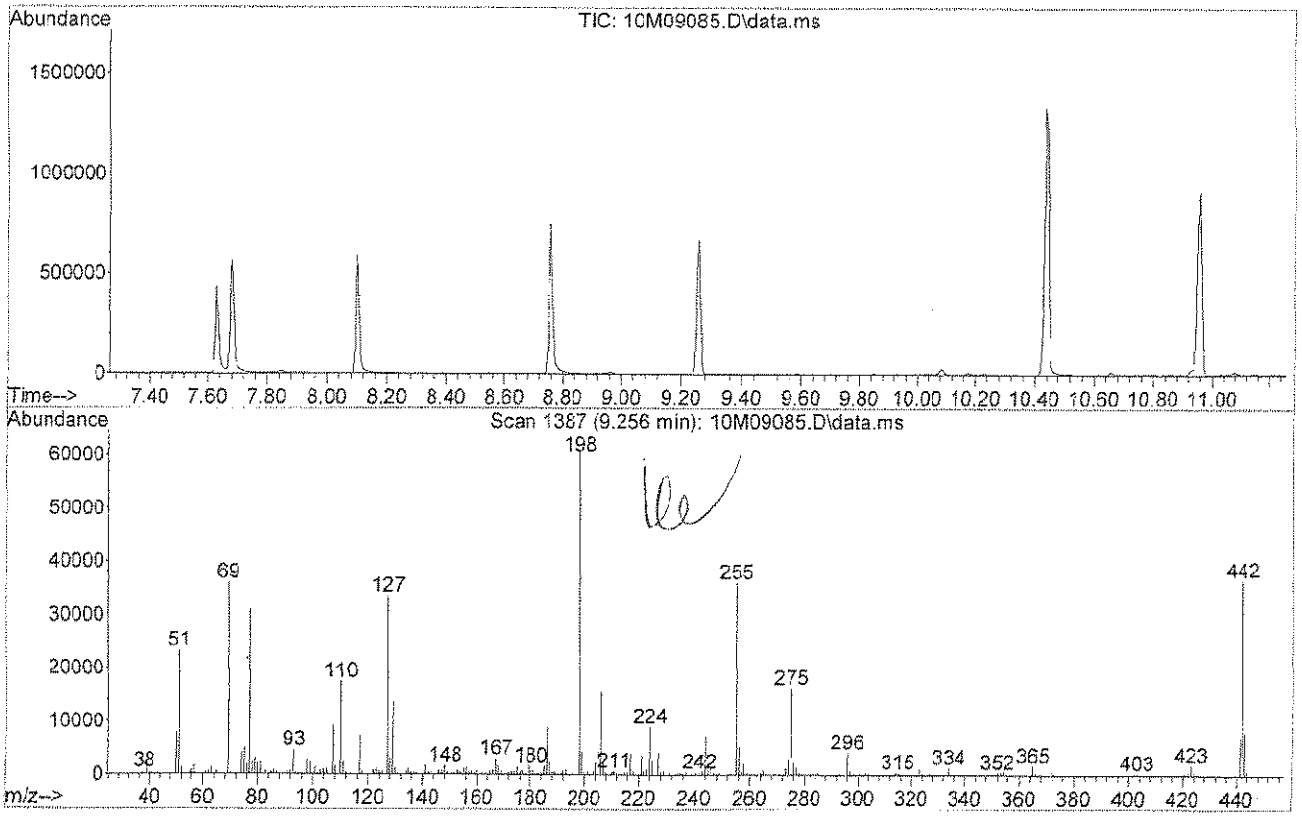
Tgt Mass	Rel Mass	Lo Lim	Hi Lim	Rel Abund	Raw Abund	Pass/ Fail
51	198	30	60	37.8	23136	PASS
68	69	0.00	2	0.0	0	PASS
69	198	0.00	100	58.7	35936	PASS
70	69	0.00	2	0.6	231	PASS
127	198	40	60	54.6	33424	PASS
197	198	0.00	1	0.0	0	PASS
198	198	100	100	100.0	61208	PASS
199	198	5	9	6.9	4201	PASS
275	198	10	30	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

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	AC48837-001	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	12/17/09 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

Form 5

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

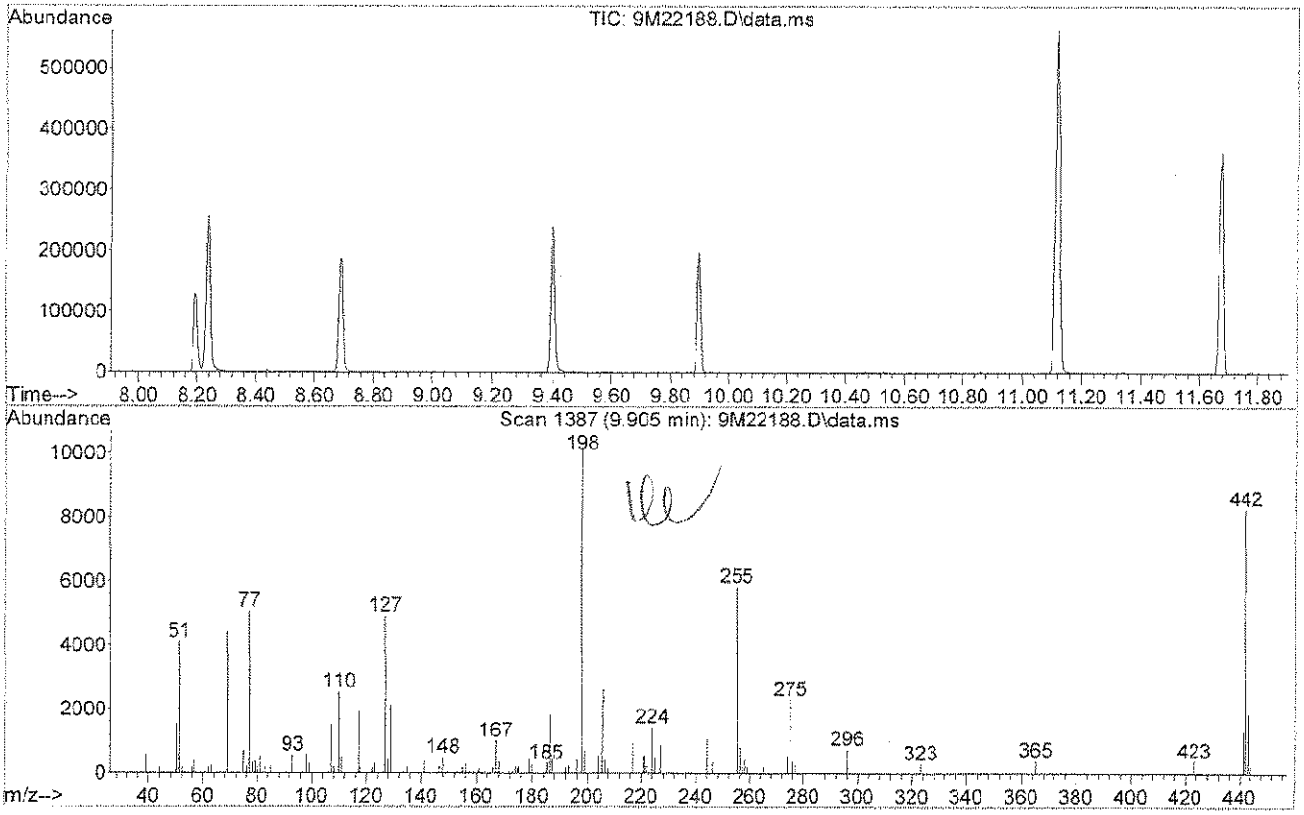
Tgt Mass	Rel Mass	Lo Lim	Hi Lim	Rel Abund	Raw Abund	Pass/ Fail
51	198	30	60	40.2	4103	PASS
68	69	0.00	2	0.0	0	PASS
69	198	0.00	100	43.3	4418	PASS
70	69	0.00	2	0.0	0	PASS
127	198	40	60	48.1	4904	PASS
197	198	0.00	1	0.0	0	PASS
198	198	100	100	100.0	10205	PASS
199	198	5	9	6.8	689	PASS
275	198	10	30	22.4	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



Spectrum Information: Scan 1387

Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/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	0	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

Form 6
Initial Calibration

Method: EPA 8270C

Instrument: GCMS_5

Level #:	Data File:	Cal Identifier:	Analysis Date/Time	Level #:	Data File:	Cal Identifier:	Analysis Date/Time
1	5M53688.	CAL BNA@50PPM	11/16/09 08:23	2	5M53689.	CAL BNA@2PPM	11/16/09 09:06
3	5M53690.	CAL BNA@10PPM	11/16/09 09:28	4	5M53691.	CAL BNA@20PPM	11/16/09 09:50
5	5M53692.	CAL BNA@80PPM	11/16/09 10:13	6	5M53693.	CAL BNA@120PPM	11/16/09 10:35
7	5M53694.	CAL BNA@160PPM	11/16/09 10:57	8	5M53695.	CAL BNA@196PPM	11/16/09 11:20

Compound	Col	Mr	Fit:	RF1	RF2	RF3	RF4	RF5	RF6	RF7	RF8	RF9	AvgRf	RT	Corr1	Corr2	%Rsd		Calibration Level Concentrations Lvl1	Lvl2	Lvl3	Lvl4	Lvl5	Lvl6	Lvl7	Lvl8	Lvl9
Pyridine	1	0	Qua	1.9923	1.2564	1.6272	1.6661	2.0010	2.0583	2.0705	2.2092	-----	1.86	2.41	0.997	0.999	17		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
N-Nitrosodimethylamin	1	0	Qua	1.2173	0.6457	0.9727	0.9824	1.1728	1.1525	1.1882	1.2691	-----	1.08	2.36	0.997	0.999	19		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
2-Fluorophenol	1	0	Qua	1.6347	1.0886	1.2675	1.3710	1.6436	1.6175	1.7219	1.7853	-----	1.52	4.18	0.998	0.999	16		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
Benzaldehyde	1	0	Qua	1.8214	1.8629	1.7329	1.7515	1.4030	0.9064	-----	-----	-----	1.58	5.04	0.911	0.992	23		50.00	2.00	10.00	20.00	80.00	120.0			
Aniline	1	0	Avg	2.8359	2.8117	2.6400	2.7271	2.7275	2.4008	2.4926	2.4802	-----	2.64	5.14	0.997	0.998	6.2		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
Pentachloroethane	1	0	Avg	0.7452	0.7273	0.7092	0.7001	0.7119	0.6588	0.6871	0.6898	-----	0.704	5.18	0.999	0.999	3.7		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
bis(2-Chloroethyl)ether	1	0	Avg	1.7040	2.1537	1.7362	1.6252	1.6677	1.5229	1.5916	1.5750	-----	1.70	5.21	0.999	0.999	12		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
Phenol-d5	1	0	Avg	2.3880	2.2395	2.0601	2.1520	2.4136	2.2824	2.4261	2.5115	-----	2.31	5.12	0.998	0.999	6.6		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
Phenol	1	0	Avg	2.5872	2.5826	2.2722	2.3079	2.5346	2.3002	2.4616	2.5126	-----	2.44	5.13	0.998	0.998	5.4	*(30)	50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
2-Chlorophenol	1	0	Avg	1.5642	1.5658	1.4060	1.4461	1.5338	1.3825	1.4690	1.4641	-----	1.48	5.25	0.998	0.998	4.7		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
N-Decane	1	0	Avg	2.8454	3.2842	2.7942	2.7353	2.7965	2.4422	2.5029	2.3912	-----	2.72	5.30	0.996	0.998	11		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
1,3-Dichlorobenzene	1	0	Avg	1.5288	1.6968	1.4889	1.5327	1.4961	1.4214	1.4957	1.4896	-----	1.52	5.38	0.999	0.999	5.2		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
1,4-Dichlorobenzene	1	0	Avg	1.6332	1.9085	1.5887	1.5766	1.5775	1.4713	1.5089	1.5106	-----	1.60	5.44	0.999	0.999	8.5	*(30)	50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
1,2-Dichlorobenzene	1	0	Avg	1.4826	1.7116	1.4655	1.4335	1.4292	1.3333	1.3844	1.4139	-----	1.46	5.57	0.999	0.999	7.8		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
Benzyl alcohol	1	0	Avg	1.0730	0.9995	0.9538	1.0130	1.0790	1.0282	1.0669	1.1141	-----	1.04	5.55	0.998	0.999	5.0		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
bis(2-chloroisopropyl)et	1	0	Avg	2.5314	2.9537	2.6669	2.5708	2.3931	2.1334	2.2550	2.2109	-----	2.46	5.66	0.998	0.998	11		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
2-Methylphenol	1	0	Avg	1.5345	1.5747	1.4565	1.4649	1.4824	1.3349	1.4851	1.5202	-----	1.48	5.65	0.996	0.997	4.8		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
Acetophenone	1	0	Avg	2.6332	2.8269	2.6076	2.5255	2.5914	2.4306	2.5378	2.5758	-----	2.59	5.77	0.999	0.999	4.4		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
Hexachloroethane	1	0	Avg	0.6514	0.7687	0.5949	0.6362	0.6391	0.6095	0.6429	0.6316	-----	0.647	5.85	0.999	0.999	8.1		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
N-Nitroso-di-n-propyla	1	0	Avg	1.3899	1.5113	1.3432	1.3539	1.3470	1.2302	1.2821	1.3013	-----	1.34	5.77	0.998	0.998	6.2	**(0.050)	50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
3&4-Methylphenol	1	0	Avg	1.5241	1.5506	1.4368	1.4712	1.4661	1.3834	1.4369	1.4802	-----	1.47	5.78	0.998	0.999	3.6		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
Nitrobenzene-d5	1	0	Avg	0.1843	0.1675	0.1600	0.1693	0.1776	0.1739	0.1727	0.1776	-----	0.173	5.89	0.999	0.999	4.3		25.00	1.00	5.00	10.00	40.00	60.00	80.00	98.00	
Nitrobenzene	1	0	Avg	0.5261	0.6147	0.5385	0.5035	0.5026	0.4732	0.4845	0.4782	-----	0.515	5.90	0.999	0.999	9.0		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
Isophorone	1	0	Avg	0.9592	0.9341	0.9042	0.8828	0.9140	0.8867	0.8893	0.9073	-----	0.910	6.10	0.999	0.999	2.9		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
2-Nitrophenol	1	0	Avg	0.2073	0.1459	0.1870	0.1798	0.1972	0.1961	0.1938	0.2021	-----	0.189	6.16	0.999	0.999	10	*(30)	50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
2,4-Dimethylphenol	1	0	Avg	0.4642	0.4627	0.4365	0.4194	0.4415	0.4197	0.4107	0.4282	-----	0.435	6.19	0.998	0.998	4.6		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
Benzoic Acid	1	0	LinF	0.2620	-----	0.1064	0.1492	0.2741	0.2917	0.3196	0.3413	-----	0.249	6.28	0.994	0.999	35		50.00		10.00	20.00	80.00	120.0	160.0	196.0	
bis(2-Chloroethoxy)met	1	0	Avg	0.5354	0.5963	0.5302	0.5035	0.5053	0.4871	0.4873	0.4988	-----	0.518	6.27	0.999	0.999	7.0		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
2,4-Dichlorophenol	1	0	Avg	0.3119	0.2945	0.2986	0.2861	0.2983	0.2842	0.2802	0.2960	-----	0.294	6.34	0.998	0.998	3.4	*(30)	50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
1,2,4-Trichlorobenzene	1	0	Avg	0.3422	0.3926	0.3402	0.3295	0.3283	0.3075	0.3107	0.3178	-----	0.334	6.41	0.999	0.999	8.1		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
Naphthalene	1	0	Avg	1.0968	1.2976	1.1023	1.0668	1.0666	1.0105	0.9948	1.0210	-----	1.08	6.46	0.999	0.999	8.8		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
4-Chloroaniline	1	0	Avg	0.4223	0.4156	0.4441	0.4293	0.3978	0.3446	0.3153	-----	-----	0.396	6.51	0.983	0.999	12		50.00	2.00	10.00	20.00	80.00	120.0	160.0		
Hexachlorobutadiene	1	0	Avg	0.1869	0.2067	0.1803	0.1730	0.1792	0.1733	0.1730	0.1757	-----	0.181	6.56	1.00	1.00	6.3	*(30)	50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
Caprolactam	1	0	Avg	0.1567	0.0926	0.1322	0.1345	0.1507	0.1473	0.1507	0.1569	-----	0.140	6.77	0.999	0.999	15		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
4-Chloro-3-methylphen	1	0	Avg	0.3974	0.3446	0.3666	0.3578	0.3871	0.3796	0.3805	0.3881	-----	0.375	6.87	1.00	1.00	4.7	*(30)	50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
2-Methylnaphthalene	1	0	Avg	0.7423	0.8332	0.7000	0.6846	0.7185	0.6805	0.6895	0.6890	-----	0.717	6.98	0.999	0.999	7.1		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
Methylnaphthalenes (T	1	0	Avg	0.7423	0.8332	0.7000	0.6846	0.7185	0.6805	0.6895	0.6890	-----	0.717	6.98	0.999	0.999	7.1		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
1,1'-Biphenyl	1	0	Avg	1.0337	1.1656	1.0479	0.9801	0.9785	0.9491	0.9498	0.9816	-----	1.01	7.35	0.999	0.999	7.1		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
1,2,4,5-Tetrachloroben	1	0	Avg	0.6680	0.7137	0.6776	0.6684	0.6495	0.5825	0.6182	0.6213	-----	0.650	7.12	0.998	0.998	6.3		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
Hexachlorocyclopentac	1	0	Qua	0.2119	-----	0.1109	0.1571	0.2408	0.2494	0.2707	0.2821	-----	0.218	7.11	0.996	1.00	29	**(0.050)	50.00		10.00	20.00	80.00	120.0	160.0	196.0	
2,4,6-Trichlorophenol	1	0	Avg	0.3652	0.3182	0.3428	0.3540	0.3892	0.3473	0.3710	0.3737	-----	0.358	7.20	0.998	0.999	6.1	*(30)	50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	

Flags
a - failed the spcc criteria ** - ccc compound*
b - failed the ccc criteria *** - spcc compound*
c - failed the minimum correlation coeff criteria(if applicable)

Note: Avg Rsd: 8.56
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.

Form 6
Initial Calibration

Method: EPA 8270C

Instrument: GCMS_5

Level #:	Data File:	Cal Identifier:	Analysis Date/Time	Level #:	Data File:	Cal Identifier:	Analysis Date/Time
1	5M53688.	CAL BNA@50PPM	11/16/09 08:23	2	5M53689.	CAL BNA@2PPM	11/16/09 09:06
3	5M53690.	CAL BNA@10PPM	11/16/09 09:28	4	5M53691.	CAL BNA@20PPM	11/16/09 09:50
5	5M53692.	CAL BNA@80PPM	11/16/09 10:13	6	5M53693.	CAL BNA@120PPM	11/16/09 10:35
7	5M53694.	CAL BNA@160PPM	11/16/09 10:57	8	5M53695.	CAL BNA@196PPM	11/16/09 11:20

Compound	Col	Mr	Fit:	RF1	RF2	RF3	RF4	RF5	RF6	RF7	RF8	RF9	AvgRf	RT	Corr1	Corr2	%Rsd		Calibration Level Concentrations Lvl1	Lvl2	Lvl3	Lvl4	Lvl5	Lvl6	Lvl7	Lvl8	Lvl9
2.4.5-Trichlorophenol	1	0	Avg	0.4250	0.3566	0.3874	0.3804	0.4035	0.3645	0.3868	0.3997	-----	0.388	7.23	0.997	0.997	5.6		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
2-Fluorobiphenyl	1	0	Avg	1.3620	1.4996	1.4006	1.3195	1.3185	1.2142	1.2703	1.2757	-----	1.33	7.27	0.998	0.999	6.6		25.00	1.00	5.00	10.00	40.00	60.00	80.00	98.00	
2-Chloronaphthalene	1	0	Avg	1.1894	1.3465	1.2413	1.2052	1.1444	1.0545	1.0826	1.0857	-----	1.17	7.37	0.999	0.999	8.3		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
1.4-Dimethylnaphthalei	1	0	Avg	1.1753	1.2481	1.2319	1.1843	1.1654	1.0443	1.1017	1.1061	-----	1.16	7.64	0.998	0.998	6.0		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
Dimethylnaphthalenes	1	0	Avg	1.1753	1.2481	1.2319	1.1843	1.1654	1.0443	1.1017	1.1061	-----	1.16	7.64	0.998	0.998	6.0		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
Diphenyl Ether	1	0	Avg	0.9413	1.0694	0.9736	0.9659	0.9335	0.8604	0.8757	0.9005	-----	0.940	7.43	0.999	0.999	7.0		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
2-Nitroaniline	1	0	Avg	0.6256	0.4374	0.6041	0.6191	0.6248	0.5648	0.5855	0.5840	-----	0.581	7.45	0.999	0.999	11		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
Acenaphthylene	1	0	Avg	1.8478	1.9450	1.8649	1.8330	1.8086	1.6603	1.7584	1.7406	-----	1.81	7.71	0.999	0.999	4.8		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
Dimethylphthalate	1	0	Avg	1.4008	1.3740	1.4447	1.3705	1.3721	1.2877	1.3178	1.3527	-----	1.37	7.59	0.999	0.999	3.5		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
2.6-Dinitrotoluene	1	0	Avg	0.3073	0.2407	0.3083	0.3058	0.3028	0.2730	0.2899	0.2883	-----	0.290	7.65	0.998	0.998	8.0		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
Acenaphthene	1	0	Avg	1.1705	1.2181	1.1639	1.1279	1.1140	1.0504	1.1089	1.0936	-----	1.13	7.86	0.999	0.999	4.6	*(30)	50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
3-Nitroaniline	1	0	Avg	0.3490	0.2790	0.3215	0.3326	0.3250	0.2888	0.2928	0.2759	-----	0.308	7.79	0.994	0.998	8.9		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
2.4-Dinitrophenol	1	0	Qua	0.1355	-----	0.0516	0.0932	0.1472	0.1596	0.1665	0.1849	-----	0.134	7.89	0.994	0.999	35	**(0.050)	50.00		10.00	20.00	80.00	120.0	160.0	196.0	
Dibenzofuran	1	0	Avg	1.7173	1.7783	1.6890	1.6881	1.6237	1.5575	1.5974	1.5787	-----	1.65	8.01	0.999	0.999	4.6		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
2.4-Dinitrotoluene	1	0	Avg	0.4430	0.3596	0.3862	0.4057	0.4213	0.4150	0.4331	0.4274	-----	0.411	8.00	0.999	0.999	6.6		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
4-Nitrophenol	1	0	LinF	0.3346	0.1678	0.2733	0.2776	0.3382	0.3199	0.3528	0.3644	-----	0.304	7.93	0.996	0.998	21	**(0.050)	50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
2.3.4.6-Tetrachlorophe	1	0	Avg	0.3289	0.2543	0.2811	0.2987	0.3055	0.2864	0.3047	0.3066	-----	0.296	8.12	0.998	0.998	7.5		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
Fluorene	1	0	Avg	1.4392	1.5097	1.4089	1.3641	1.3876	1.2817	1.3545	1.3621	-----	1.39	8.32	0.999	0.999	4.8		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
4-Chlorophenyl-phenyl	1	0	Avg	0.6668	0.7029	0.6469	0.6459	0.6556	0.6200	0.6524	0.6534	-----	0.656	8.32	0.999	0.999	3.6		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
Diethylphthalate	1	0	Avg	1.4544	1.5171	1.4221	1.3798	1.3924	1.3042	1.3752	1.3606	-----	1.40	8.21	0.999	0.999	4.6		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
4-Nitroaniline	1	0	Avg	0.3986	0.2251	0.3357	0.3589	0.3729	0.3481	0.3686	0.3481	-----	0.345	8.34	0.997	0.998	15		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
Atrazine	1	0	Avg	0.4884	0.3816	0.4103	0.4435	0.4587	0.4391	0.4521	0.4582	-----	0.442	8.96	0.999	0.999	7.4		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
4.6-Dinitro-2-methylphe	1	0	Avg	0.1460	-----	0.0985	0.1198	0.1416	0.1459	0.1471	0.1536	-----	0.136	8.37	0.999	0.999	14		50.00		10.00	20.00	80.00	120.0	160.0	196.0	
n-Nitrosodiphenylamine	1	0	Avg	0.7141	0.7627	0.6901	0.6879	0.6590	0.6635	0.6374	0.6604	-----	0.684	8.43	0.999	0.999	5.8	*(30)	50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
2.4.6-Tribromophenol	1	0	Avg	0.0788	0.0535	0.0694	0.0732	0.0793	0.0779	0.0782	0.0797	-----	0.0738	8.55	1.00	1.00	12		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
1.2-Diphenylhydrazine	1	0	Avg	1.0871	1.1327	1.0819	1.1318	1.0650	1.0062	1.0226	0.9803	-----	1.06	8.47	0.999	1.00	5.3		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
4-Bromophenyl-phenyl	1	0	Avg	0.2122	0.2204	0.1992	0.1992	0.2102	0.2059	0.2089	0.2090	-----	0.208	8.79	1.00	1.00	3.3		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
Hexachlorobenzene	1	0	Avg	0.1933	0.2115	0.1881	0.1917	0.1912	0.1884	0.1899	0.1885	-----	0.193	8.86	1.00	1.00	4.0		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
N-Octadecane	1	0	Avg	0.9878	1.0247	0.9757	0.9624	0.9337	0.8819	0.8443	0.8193	-----	0.929	9.14	0.996	1.00	7.9		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
Pentachlorophenol	1	0	Qua	0.1116	-----	0.0736	0.0873	0.1151	0.1218	0.1222	0.1267	-----	0.108	9.06	0.999	1.00	19	*(30)	50.00		10.00	20.00	80.00	120.0	160.0	196.0	
Phenanthrene	1	0	Avg	1.1884	1.3427	1.2125	1.1638	1.1335	1.1090	1.1041	1.1151	-----	1.17	9.28	1.00	1.00	6.8		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
Anthracene	1	0	Avg	1.1926	1.2784	1.1767	1.1359	1.1224	1.1063	1.0914	1.0997	-----	1.15	9.33	1.00	1.00	5.5		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
Carbazole	1	0	Avg	1.2409	1.1992	1.1817	1.1798	1.1398	1.1423	1.1467	1.1478	-----	1.17	9.51	1.00	1.00	3.0		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
Di-n-butylphthalate	1	0	Avg	1.5117	1.2399	1.3370	1.3945	1.4616	1.4744	1.4661	1.4617	-----	1.42	9.90	1.00	1.00	6.4		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
Fluoranthene	1	0	Avg	1.4470	1.3274	1.3565	1.3644	1.3862	1.3922	1.3597	1.3729	-----	1.38	10.60	1.00	1.00	2.5	*(30)	50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
Pyrene	1	0	Avg	1.7492	1.6747	1.6484	1.6064	1.6717	1.6837	1.6657	1.7932	-----	1.69	10.86	0.997	0.998	3.5		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
Benzidine	1	0	Qua	0.7150	0.3041	0.5037	0.5855	0.5470	0.3899	-----	-----	-----	0.508	10.77	0.886	0.992	29		50.00	2.00	10.00	20.00	80.00	120.0			
Terphenyl-d14	1	0	Avg	1.0816	1.0736	0.9844	1.0027	1.0375	1.0272	1.0199	1.1342	-----	1.05	11.05	0.994	0.997	4.7		25.00	1.00	5.00	10.00	40.00	60.00	80.00	96.00	
4.4'-DDE	1	0	Avg	0.3307	0.3329	0.3256	0.3104	0.3325	0.3293	0.3249	0.3462	-----	0.329	11.00	0.998	0.999	3.0		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
Endrin	1	0	Avg	0.0962	0.0821	0.0900	0.0879	0.0988	0.1038	0.1029	0.1089	-----	0.0964	11.30	0.998	1.00	9.4		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
4.4'-DDD	1	0	Avg	0.5815	0.4858	0.5214	0.5222	0.5683	0.5753	0.5738	0.5973	-----	0.553	11.39	0.999	1.00	7.0		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	

Flags
a - failed the spcc criteria ** - ccc compound*
b - failed the ccc criteria *** - spcc compound*
c - failed the minimum correlation coeff criteria(if applicable)

Note: Avg Rsd: 8.56
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.

Form 6
Initial Calibration

Method: EPA 8270C

Instrument: GCMS_5

Level #:	Data File:	Cal Identifier:	Analysis Date/Time	Level #:	Data File:	Cal Identifier:	Analysis Date/Time
1	5M53688.	CAL BNA@50PPM	11/16/09 08:23	2	5M53689.	CAL BNA@2PPM	11/16/09 09:06
3	5M53690.	CAL BNA@10PPM	11/16/09 09:28	4	5M53691.	CAL BNA@20PPM	11/16/09 09:50
5	5M53692.	CAL BNA@80PPM	11/16/09 10:13	6	5M53693.	CAL BNA@120PPM	11/16/09 10:35
7	5M53694.	CAL BNA@160PPM	11/16/09 10:57	8	5M53695.	CAL BNA@196PPM	11/16/09 11:20

Compound	Col	Mr	Fit:	RF1	RF2	RF3	RF4	RF5	RF6	RF7	RF8	RF9	AvgRf	RT	Corr1	Corr2	%Rsd		Calibration Level Concentrations Lvl1	Lvl2	Lvl3	Lvl4	Lvl5	Lvl6	Lvl7	Lvl8	Lvl9
Butylbenzylphthalate	1	0	Avg	0.8053	0.5877	0.6674	0.6796	0.7791	0.7866	0.7965	0.8319	-----	0.742	11.66	0.999	0.999	12		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	0.0534	0.0529	0.0505	0.0542	-----	0.0516	11.30	0.998	0.998	5.3		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
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	0.999	9.3		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	0.998	7.9		50.00		10.00	20.00	80.00	120.0	160.0	196.0	
3,3'-Dichlorobenzidine	1	0	Qua	0.4688	0.3517	0.4305	0.4248	0.4428	0.3895	0.3783	0.3604	-----	0.406	12.26	0.991	0.999	10		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
Benzo[a]anthracene	1	0	Avg	1.5282	1.6220	1.5090	1.4760	1.5160	1.4730	1.4998	1.5245	-----	1.52	12.28	1.00	1.00	3.0		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
Chrysene	1	0	Avg	1.4393	1.5574	1.4034	1.3523	1.4111	1.3450	1.3737	1.4454	-----	1.42	12.33	0.998	0.999	4.8		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
bis(2-Ethylhexyl)phthal	1	0	Avg	0.9761	0.8379	0.9190	0.9049	0.9977	0.9705	0.9696	1.0236	-----	0.950	12.36	0.999	0.999	6.3		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
Di-n-octylphthalate	1	0	LinF	1.7764	1.0746	1.3551	1.4883	1.8183	1.8188	1.9142	1.9172	-----	1.65	13.11	0.998	0.999	19	*(30)	50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
Benzo[b]fluoranthene	1	0	Avg	1.4115	1.2298	1.2472	1.2521	1.4221	1.3546	1.3520	1.4042	-----	1.33	13.50	0.999	0.999	6.0		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
Benzo[k]fluoranthene	1	0	Avg	1.3444	1.4138	1.2794	1.2832	1.2561	1.2618	1.3296	1.2593	-----	1.30	13.53	0.998	0.998	4.2		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
Benzo[a]pyrene	1	0	Avg	1.2967	1.1545	1.1949	1.1903	1.3155	1.2575	1.3127	1.3048	-----	1.25	13.84	0.999	1.00	5.1	*(30)	50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
Indeno[1,2,3-cd]pyrene	1	0	Avg	1.3797	1.2062	1.2188	1.2052	1.3520	1.3011	1.3716	1.3256	-----	1.30	15.05	0.999	0.999	5.8		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
Dibenzo[a,h]anthracene	1	0	Avg	1.1171	1.0513	1.0316	1.0450	1.1188	1.0623	1.1255	1.0696	-----	1.08	15.07	0.998	0.999	3.5		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
Benzo[g,h,i]perylene	1	0	Avg	1.1323	1.0915	1.0476	1.0518	1.1232	1.0476	1.1039	1.0462	-----	1.08	15.38	0.998	0.999	3.4		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	

Flags
a - failed the spcc criteria ** - ccc compound*
b - failed the ccc criteria *** - spcc compound*
c - failed the minimum correlation coeff criteria(if applicable)

Note: Avg Rsd: 8.56
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.

Method: EPA 8270C

Form 6
Initial Calibration

Instrument: GCMS_9

Level #:	Data File:	Cal Identifier:	Analysis Date/Time	Level #:	Data File:	Cal Identifier:	Analysis Date/Time
1	9M21689.	CAL BNA@50PPM	11/16/09 08:59	2	9M21690.	CAL BNA@2PPM	11/16/09 09:22
3	9M21691.	CAL BNA@10PPM	11/16/09 09:45	4	9M21692.	CAL BNA@20PPM	11/16/09 10:08
5	9M21693.	CAL BNA@80PPM	11/16/09 10:32	6	9M21694.	CAL BNA@120PPM	11/16/09 10:55
7	9M21695.	CAL BNA@160PPM	11/16/09 11:18	8	9M21696.	CAL BNA@196PPM	11/16/09 11:41

Compound	Col	Mr	Fit:	RF1	RF2	RF3	RF4	RF5	RF6	RF7	RF8	RF9	AvgRf	RT	Corr1	Corr2	%Rsd		Calibration Level Concentrations Lvl1	Lvl2	Lvl3	Lvl4	Lvl5	Lvl6	Lvl7	Lvl8	Lvl9
Pyridine	1	0	Avg	1.3747	0.8233	1.1213	1.3262	1.3533	1.2671	1.3076	1.3951	-----	1.25	3.19	0.997	0.998	15		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
N-Nitrosodimethylamin	1	0	Avg	0.8165	0.7316	0.7134	0.7737	0.8014	0.7353	0.8046	0.8086	-----	0.773	3.13	0.997	0.998	5.3		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
2-Fluorophenol	1	0	Avg	1.2643	1.3958	1.1700	1.1126	1.2583	1.1560	1.2527	1.3359	-----	1.24	4.71	0.995	0.997	7.6		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
Benzaldehyde	1	0	Qua	1.2117	1.7331	1.3143	1.2495	0.9277	0.5887	-----	-----	-----	1.17	5.52	0.902	0.995	33		50.00	2.00	10.00	20.00	80.00	120.0			
Aniline	1	0	Avg	2.1003	2.3678	2.1876	1.9395	2.0881	1.8173	1.9745	1.9027	-----	2.05	5.62	0.997	0.997	8.6		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
Pentachloroethane	1	0	Avg	0.6259	0.5482	0.6353	0.5833	0.5883	0.5669	0.5925	0.6252	-----	0.596	5.66	0.997	0.998	5.2		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
bis(2-Chloroethyl)ether	1	0	Avg	1.3019	1.4791	1.3180	1.2214	1.2763	1.1914	1.2328	1.2838	-----	1.29	5.67	0.998	0.999	6.9		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
Phenol-d5	1	0	Avg	1.7743	1.7395	1.7669	1.6317	1.7802	1.6329	1.6240	1.8113	-----	1.75	5.57	0.997	0.998	4.3		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
Phenol	1	0	Avg	1.8310	2.0294	1.7377	1.7438	1.7865	1.6502	1.9713	1.9826	-----	1.84	5.58	0.991	0.996	7.5	*(30)	50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
2-Chlorophenol	1	0	Avg	1.4826	1.5275	1.4583	1.3515	1.4048	1.3067	1.4203	1.4736	-----	1.43	5.72	0.996	0.998	5.1		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
N-Decane	1	0	Avg	1.5202	1.6309	1.4286	1.4121	1.4156	1.3363	1.3989	1.5019	-----	1.46	5.76	0.995	0.997	6.3		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
1,3-Dichlorobenzene	1	0	Avg	1.5218	1.7932	1.5874	1.4758	1.5454	1.4036	1.4691	1.5091	-----	1.54	5.85	0.998	0.998	7.6		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
1,4-Dichlorobenzene	1	0	Avg	1.5746	1.7152	1.5796	1.4985	1.5560	1.4601	1.5311	1.5804	-----	1.56	5.91	0.998	0.999	4.8	*(30)	50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
1,2-Dichlorobenzene	1	0	Avg	1.5117	1.6414	1.5276	1.4500	1.4403	1.3282	1.4205	1.4747	-----	1.47	6.04	0.997	0.998	6.2		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
Benzyl alcohol	1	0	Avg	0.9581	1.1343	1.0160	0.8961	0.9591	0.8869	0.9688	0.9860	-----	0.976	6.01	0.997	0.998	7.9		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
bis(2-chlorcisopropyl)et	1	0	Avg	1.5894	1.8828	1.7533	1.6665	1.6465	1.4982	1.6240	1.6550	-----	1.68	6.12	0.997	0.998	6.6		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
2-Methylphenol	1	0	Avg	1.3639	1.4717	1.3698	1.2749	1.2719	1.2217	1.3140	1.3198	-----	1.33	6.09	0.998	0.999	5.8		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
Acetophenone	1	0	Avg	2.2776	2.6155	2.2436	2.2502	2.3050	2.1060	2.3140	2.3251	-----	2.30	6.22	0.997	0.998	6.2		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
Hexachloroethane	1	0	Avg	0.5935	0.7084	0.6232	0.5748	0.5974	0.5608	0.5877	0.6175	-----	0.608	6.31	0.997	0.999	7.5		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
N-Nitroso-di-n-propyla	1	0	Avg	1.1549	1.2397	1.2489	1.0852	1.1361	1.0569	1.1389	1.1383	-----	1.15	6.22	0.998	0.999	5.8	**(0.050)	50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
3&4-Methylphenol	1	0	Avg	1.4456	1.4928	1.4394	1.3802	1.3955	1.2782	1.4116	1.4229	-----	1.41	6.21	0.997	0.998	4.5		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
Nitrobenzene-d5	1	0	Avg	0.1747	0.2297	0.1646	0.1687	0.1826	0.1729	0.1656	0.1810	-----	0.180	6.34	0.996	0.997	12		25.00	1.00	5.00	10.00	40.00	60.00	80.00	98.00	
Nitrobenzene	1	0	Avg	0.4044	0.4807	0.3792	0.3962	0.3957	0.3810	0.3770	0.3988	-----	0.402	6.36	0.998	0.999	8.3		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
Isophorone	1	0	Avg	0.8046	0.7962	0.7745	0.7419	0.7551	0.7316	0.7362	0.7493	-----	0.761	6.54	0.999	0.999	3.6		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
2-Nitrophenol	1	0	LinF	0.1945	0.3012	0.1834	0.1915	0.1973	0.1910	0.1927	0.1970	-----	0.206	6.61	1.00	1.00	19	*(30)	50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
2,4-Dimethylphenol	1	0	Avg	0.4092	0.4241	0.3801	0.3794	0.3953	0.3796	0.3866	0.4033	-----	0.395	6.63	0.999	0.999	4.2		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
Benzoic Acid	1	0	LinF	0.2926	-----	0.1526	0.2050	0.3030	0.2823	0.2869	0.3119	-----	0.262	6.70	0.997	0.997	23		50.00		10.00	20.00	80.00	120.0	160.0	196.0	
bis(2-Chloroethoxy)met	1	0	Avg	0.4143	0.4721	0.3906	0.3902	0.4098	0.4005	0.3845	0.4018	-----	0.408	6.70	0.999	0.999	6.8		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
2,4-Dichlorophenol	1	0	Avg	0.3065	0.3550	0.2987	0.2897	0.3039	0.2976	0.3009	0.3090	-----	0.308	6.79	0.999	1.00	6.5	*(30)	50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
1,2,4-Trichlorobenzene	1	0	Avg	0.3519	0.3829	0.3534	0.3418	0.3418	0.3237	0.3209	0.3398	-----	0.345	6.85	0.998	0.998	5.6		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
Naphthalene	1	0	Avg	1.1140	1.2463	1.0822	1.0469	1.0899	1.0321	1.0307	1.0756	-----	1.09	6.92	0.999	0.999	6.4		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
4-Chloroaniline	1	0	Avg	0.4323	0.4318	0.4185	0.4331	0.3797	0.3253	-----	-----	-----	0.403	6.95	0.979	1.00	11		50.00	2.00	10.00	20.00	80.00	120.0			
Hexachlorobutadiene	1	0	Avg	0.1884	0.1858	0.1747	0.1806	0.1797	0.1741	0.1730	0.1765	-----	0.179	7.01	0.999	0.999	3.2	*(30)	50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
Caprolactam	1	0	Avg	0.1442	0.1336	0.1375	0.1389	0.1431	0.1324	0.1181	0.1202	-----	0.134	7.23	0.992	0.997	7.3		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
4-Chloro-3-methylphen	1	0	Avg	0.3477	0.3614	0.3365	0.3283	0.3408	0.3163	0.3341	0.3342	-----	0.338	7.31	0.999	0.999	3.9	*(30)	50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
2-Methylnaphthalene	1	0	Avg	0.7654	0.9020	0.7521	0.7324	0.7525	0.7123	0.7222	0.7453	-----	0.761	7.46	0.999	0.999	7.9		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
Methylnaphthalenes (T	1	0	Avg	0.7633	0.9023	0.7522	0.7309	0.7453	0.7131	0.7159	0.7383	-----	0.758	7.46	0.999	0.999	8.0		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
1,1'-Biphenyl	1	0	Avg	1.1136	1.2526	1.1008	1.0540	1.1091	1.0592	1.0527	1.0531	-----	1.10	7.83	1.00	1.00	6.1		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
1,2,4,5-Tetrachloroben	1	0	Avg	0.6990	0.7813	0.6696	0.6401	0.6338	0.6063	0.6106	0.6165	-----	0.657	7.59	0.999	0.999	9.0		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
Hexachlorocyclopentac	1	0	Avg	0.3687	0.3756	0.3040	0.3228	0.3653	0.3506	0.3628	0.3674	-----	0.352	7.58	0.999	0.999	7.2	**(0.050)	50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
2,4,6-Trichlorophenol	1	0	Avg	0.3909	0.4576	0.3879	0.3762	0.3813	0.3541	0.3594	0.3703	-----	0.385	7.68	0.999	0.999	8.3	*(30)	50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	

Flags
a - failed the spcc criteria ** - ccc compound*
b - failed the ccc criteria *** - spcc compound*
c - failed the minimum correlation coeff criteria(if applicable)

Note: Avg Rsd: 7.74
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.

Form 6
Initial Calibration

Method: EPA 8270C

Instrument: GCMS_9

Level #:	Data File:	Cal Identifier:	Analysis Date/Time	Level #:	Data File:	Cal Identifier:	Analysis Date/Time
1	9M21689.	CAL BNA@50PPM	11/16/09 08:59	2	9M21690.	CAL BNA@2PPM	11/16/09 09:22
3	9M21691.	CAL BNA@10PPM	11/16/09 09:45	4	9M21692.	CAL BNA@20PPM	11/16/09 10:08
5	9M21693.	CAL BNA@80PPM	11/16/09 10:32	6	9M21694.	CAL BNA@120PPM	11/16/09 10:55
7	9M21695.	CAL BNA@160PPM	11/16/09 11:18	8	9M21696.	CAL BNA@196PPM	11/16/09 11:41

Compound	Col	Mr	Fit:	RF1	RF2	RF3	RF4	RF5	RF6	RF7	RF8	RF9	AvgRf	RT	Corr1	Corr2	%Rsd		Calibration Level Concentrations Lvl1	Lvl2	Lvl3	Lvl4	Lvl5	Lvl6	Lvl7	Lvl8	Lvl9
2.4.5-Trichlorophenol	1	0	Avg	0.4117	0.4557	0.4263	0.3876	0.3931	0.3884	0.3972	0.4050	-----	0.408	7.71	0.999	1.00	5.7		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
2-Fluorobiphenyl	1	0	Avg	1.4389	1.5490	1.3753	1.3792	1.3912	1.3240	1.3400	1.3684	-----	1.40	7.74	0.999	0.999	5.1		25.00	1.00	5.00	10.00	40.00	60.00	80.00	98.00	
2-Chloronaphthalene	1	0	Avg	1.2212	1.4433	1.1597	1.1572	1.1578	1.1280	1.1379	1.1582	-----	1.20	7.86	0.999	1.00	8.7		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
1.4-Dimethylnaphthaler	1	0	Avg	1.2994	1.3746	1.2772	1.2869	1.2390	1.1710	1.2092	1.2344	-----	1.26	8.14	0.999	0.999	4.9		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
Dimethylnaphthalenes	1	0	Avg	1.2994	1.3746	1.2772	1.2869	1.2390	1.1710	1.2092	1.2344	-----	1.26	8.14	0.999	0.999	4.9		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
Diphenyl Ether	1	0	Avg	1.0273	0.9957	1.0175	0.9992	0.9555	0.9264	0.9618	0.9586	-----	0.980	7.92	0.999	0.999	3.6		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
2-Nitroaniline	1	0	Avg	0.5084	0.5887	0.4983	0.5109	0.4911	0.4730	0.4890	0.4877	-----	0.506	7.93	1.00	1.00	7.0		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
Acenaphthylene	1	0	Avg	2.0309	2.0940	2.0209	1.9754	1.9699	1.8654	1.8785	1.9447	-----	1.97	8.22	0.999	0.999	3.9		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
Dimethylphthalate	1	0	Avg	1.4570	1.5786	1.4576	1.4313	1.3946	1.3534	1.3646	1.3873	-----	1.43	8.08	1.00	1.00	5.1		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
2.6-Dinitrotoluene	1	0	Avg	0.3301	0.3537	0.3102	0.3090	0.3071	0.2962	0.3040	0.3172	-----	0.316	8.14	0.998	0.999	5.8		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
Acenaphthene	1	0	Avg	1.2851	1.3427	1.2986	1.2484	1.2290	1.1884	1.2143	1.2472	-----	1.26	8.38	0.999	0.999	4.0	*(30)	50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
3-Nitroaniline	1	0	Avg	0.3421	0.3114	0.3339	0.3348	0.3137	0.2720	0.2694	0.2495	-----	0.303	8.29	0.989	0.998	12		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
2.4-Dinitrophenol	1	0	LinF	0.2111	-----	0.1386	0.1771	0.2002	0.1928	0.1988	0.2012	-----	0.189	8.38	0.999	0.999	13	**(0.050)	50.00		10.00	20.00	80.00	120.0	160.0	196.0	
Dibenzofuran	1	0	Avg	1.7764	1.7716	1.8019	1.6906	1.6551	1.6255	1.6341	1.6755	-----	1.70	8.53	0.999	0.999	4.1		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
2.4-Dinitrotoluene	1	0	Avg	0.4488	0.4831	0.3891	0.4219	0.4157	0.4104	0.4307	0.4305	-----	0.429	8.50	0.999	0.999	6.5		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
4-Nitrophenol	1	0	Avg	0.2853	0.2636	0.2723	0.2869	0.2730	0.2685	0.2757	0.2861	-----	0.276	8.41	0.999	0.999	3.2	**(0.050)	50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
2.3.4.6-Tetrachlorophe	1	0	Avg	0.3439	0.2864	0.3438	0.3225	0.3384	0.3209	0.3188	0.3195	-----	0.324	8.64	0.999	1.00	5.8		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
Fluorene	1	0	Avg	1.4905	1.6145	1.4052	1.4427	1.4304	1.3347	1.3476	1.3948	-----	1.43	8.86	0.999	0.999	6.2		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
4-Chlorophenyl-phenyl	1	0	Avg	0.6434	0.7517	0.6359	0.6559	0.6309	0.6197	0.6060	0.6189	-----	0.645	8.85	1.00	1.00	7.1		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
Diethylphthalate	1	0	Avg	1.5485	1.8335	1.5173	1.4686	1.4669	1.4102	1.4450	1.4736	-----	1.52	8.72	0.999	0.999	8.8		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
4-Nitroaniline	1	0	Avg	0.3928	0.3774	0.3857	0.3656	0.3762	0.3509	0.3455	0.3574	-----	0.369	8.86	0.998	0.998	4.6		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
Atrazine	1	0	Avg	0.4851	0.4557	0.5095	0.4691	0.4636	0.4407	0.4350	0.4579	-----	0.465	9.49	0.998	0.998	5.2		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
4.6-Dinitro-2-methylphe	1	0	Avg	0.1429	-----	0.1201	0.1347	0.1557	0.1414	0.1522	0.1494	-----	0.142	8.89	0.998	0.998	8.5		50.00		10.00	20.00	80.00	120.0	160.0	196.0	
n-Nitrosodiphenylamine	1	0	Avg	0.7670	0.8123	0.7400	0.7137	0.7239	0.6793	0.7221	0.6994	-----	0.732	8.96	0.998	0.999	5.7	*(30)	50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
2.4.6-Tribromophenol	1	0	Avg	0.0791	0.0537	0.0764	0.0775	0.0730	0.0713	0.0778	0.0730	-----	0.0728	9.09	0.997	0.997	11		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
1.2-Diphenylhydrazine	1	0	Avg	0.9093	0.9333	0.9178	0.9003	0.8975	0.8457	0.8845	0.8748	-----	0.895	9.00	0.999	0.999	3.0		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
4-Bromophenyl-phenyl	1	0	Avg	0.2183	0.2674	0.1995	0.2195	0.2089	0.2017	0.2134	0.2056	-----	0.217	9.34	0.999	0.999	10		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
Hexachlorobenzene	1	0	Avg	0.2038	0.1943	0.1970	0.1961	0.1899	0.1854	0.1921	0.1897	-----	0.194	9.41	0.999	0.999	2.9		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
N-Octadecane	1	0	Avg	0.5874	0.6544	0.5555	0.5416	0.5685	0.5399	0.5626	0.5594	-----	0.571	9.68	0.999	0.999	6.5		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
Pentachlorophenol	1	0	Avg	0.1469	-----	0.1184	0.1302	0.1418	0.1371	0.1438	0.1425	-----	0.137	9.61	0.999	0.999	7.2	*(30)	50.00		10.00	20.00	80.00	120.0	160.0	196.0	
Phenanthrene	1	0	Avg	1.2550	1.3812	1.2651	1.2101	1.1862	1.1311	1.1770	1.1488	-----	1.22	9.85	0.999	0.999	6.6		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
Anthracene	1	0	Avg	1.2784	1.4777	1.2594	1.2208	1.2238	1.1612	1.1934	1.1775	-----	1.25	9.91	0.999	0.999	8.0		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
Carbazole	1	0	Avg	1.2445	1.2427	1.1708	1.2220	1.1799	1.1345	1.1773	1.1422	-----	1.19	10.07	0.999	0.999	3.6		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
Di-n-butylphthalate	1	0	Avg	1.5986	1.7197	1.6235	1.5330	1.5617	1.4849	1.5624	1.5198	-----	1.58	10.45	0.999	0.999	4.6		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
Fluoranthene	1	0	Avg	1.3121	1.4989	1.3784	1.3004	1.2871	1.2148	1.2343	1.2222	-----	1.31	11.18	0.999	1.00	7.3	*(30)	50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
Pyrene	1	0	Avg	1.7001	1.7920	1.5910	1.5534	1.6693	1.5603	1.6185	1.6627	-----	1.64	11.45	0.999	0.999	4.9		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
Benzidine	1	0	Qua	0.6753	0.7953	0.7400	0.6982	0.4870	0.3056	0.2008	-----	-----	0.557	11.33	0.781	0.992	41		50.00	2.00	10.00	20.00	80.00	120.0	160.0		
Terphenyl-d14	1	0	Avg	1.1395	1.2805	1.0489	1.0594	1.0918	1.0704	1.1043	1.1582	-----	1.12	11.63	0.998	0.999	6.7		25.00	1.00	5.00	10.00	40.00	60.00	80.00	96.00	
o.p'-DDE	1	0	Avg	0.3635	0.4312	0.3507	0.3123	0.3482	0.3287	0.3526	0.3525	-----	0.355	11.57	0.998	0.999	9.8		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
Endrin	1	0	Avg	0.1030	0.1010	0.1120	0.0889	0.1006	0.0937	0.0973	0.1016	-----	0.0998	11.91	0.998	0.998	6.8		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
o.p'-DDD	1	0	Avg	0.6208	0.7034	0.5764	0.5707	0.6042	0.5737	0.5878	0.6203	-----	0.607	11.96	0.998	0.999	7.2		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	

Flags

a - failed the spcc criteria ** - ccc compound*

b - failed the ccc criteria *** - spcc compound*

c - failed the minimum correlation coeff criteria(if applicable)

Note: Avg Rsd: 7.74

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.

Method: EPA 8270C

Form 6
Initial Calibration

Instrument: GCMS_9

Level #:	Data File:	Cal Identifier:	Analysis Date/Time	Level #:	Data File:	Cal Identifier:	Analysis Date/Time
1	9M21689.	CAL BNA@50PPM	11/16/09 08:59	2	9M21690.	CAL BNA@2PPM	11/16/09 09:22
3	9M21691.	CAL BNA@10PPM	11/16/09 09:45	4	9M21692.	CAL BNA@20PPM	11/16/09 10:08
5	9M21693.	CAL BNA@80PPM	11/16/09 10:32	6	9M21694.	CAL BNA@120PPM	11/16/09 10:55
7	9M21695.	CAL BNA@160PPM	11/16/09 11:18	8	9M21696.	CAL BNA@196PPM	11/16/09 11:41

Compound	Col	Mr	Fit:	RF1	RF2	RF3	RF4	RF5	RF6	RF7	RF8	RF9	AvgRf	RT	Corr1	Corr2	%Rsd		Calibration Level Concentrations Lvl1	Lvl2	Lvl3	Lvl4	Lvl5	Lvl6	Lvl7	Lvl8	Lvl9
Butylbenzylphthalate	1	0	Avg	0.8992	0.9213	0.8224	0.8213	0.8795	0.8452	0.8505	0.8973	-----	0.867	12.22	0.998	0.999	4.3		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
Endrin aldehyde	1	0	Avg	0.0342	-----	0.0331	0.0366	0.0348	0.0331	0.0361	0.0368	-----	0.0350	11.91	0.997	0.999	4.5		50.00		10.00	20.00	80.00	120.0	160.0	196.0	
p,p'-DDT	1	0	Avg	0.5779	0.6168	0.5152	0.5120	0.5445	0.5099	0.5161	0.5314	-----	0.541	12.32	0.998	0.998	7.1		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
Endrin ketone	1	0	Avg	0.0582	-----	0.0355	0.0513	0.0540	0.0554	0.0563	0.0577	-----	0.0527	12.82	0.999	0.999	15		50.00		10.00	20.00	80.00	120.0	160.0	196.0	
3,3'-Dichlorobenzidine	1	0	Qua	0.4878	0.5510	0.5016	0.4737	0.4132	0.3541	0.3332	0.3429	-----	0.432	12.84	0.975	0.997	19		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
Benzo(a)anthracene	1	0	Avg	1.5250	1.7189	1.4111	1.4227	1.4467	1.3608	1.3837	1.4091	-----	1.46	12.87	0.999	0.999	7.9		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
Chrysene	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	0.999	8.0		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
bis(2-Ethylhexyl)phthal	1	0	Avg	1.2675	1.5178	1.2231	1.1625	1.2172	1.1902	1.2132	1.2829	-----	1.26	12.91	0.999	0.999	8.8		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
Di-n-octylphthalate	1	0	Avg	2.1583	2.1240	1.8609	1.9791	2.1505	2.1048	2.2858	2.1440	-----	2.10	13.65	0.998	0.998	6.1	*(30)	50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
Benzo(b)fluoranthene	1	0	Avg	1.4114	1.4828	1.3947	1.3982	1.3708	1.3345	1.4287	1.3834	-----	1.40	14.09	0.999	0.999	3.1		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
Benzo(k)fluoranthene	1	0	Avg	1.4090	1.4603	1.2064	1.2481	1.3306	1.2221	1.2251	1.1990	-----	1.29	14.12	0.997	0.999	7.8		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
Benzo(a)pyrene	1	0	Avg	1.3294	1.4625	1.2138	1.2697	1.2774	1.1981	1.2419	1.2284	-----	1.28	14.46	0.999	0.999	6.7	*(30)	50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
Indeno(1,2,3-cd)pyrene	1	0	Avg	1.3007	1.3729	1.3345	1.2439	1.2364	1.1690	1.1883	1.2384	-----	1.26	15.89	0.998	0.999	5.6		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
Dibenzo(a,h)anthracene	1	0	Avg	1.0620	1.2776	1.1069	1.0089	1.0185	0.9646	0.9576	0.9977	-----	1.05	15.91	0.999	0.999	10		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
Benzo(g,h,i)perylene	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	0.998	5.7		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	

Flags
a - failed the spcc criteria ** - ccc compound*
b - failed the ccc criteria *** - spcc compound*
c - failed the minimum correlation coeff criteria(if applicable)

Note: Avg Rsd: 7.74
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.

Form 6
Initial Calibration

Method: EPA 8270C

Instrument: GCMS_10

Level #:	Data File:	Cal Identifier:	Analysis Date/Time	Level #:	Data File:	Cal Identifier:	Analysis Date/Time
1	10M09017.	CAL BNA@50PPM	12/14/09 12:56	2	10M09020.	CAL BNA@2PPM	12/14/09 14:02
3	10M09019.	CAL BNA@10PPM	12/14/09 13:40	4	10M09018.	CAL BNA@20PPM	12/14/09 13:18
5	10M09016.	CAL BNA@80PPM	12/14/09 12:34	6	10M09015.	CAL BNA@120PPM	12/14/09 12:11
7	10M09014.	CAL BNA@160PPM	12/14/09 11:49	8	10M09013.	CAL BNA@196PPM	12/14/09 11:27

Compound	Col	Mr	Fit:	RF1	RF2	RF3	RF4	RF5	RF6	RF7	RF8	RF9	AvgRf	RT	Corr1	Corr2	%Rsd		Calibration Level Concentrations Lvl1	Lvl2	Lvl3	Lvl4	Lvl5	Lvl6	Lvl7	Lvl8	Lvl9
Pyridine	1	0	Avg	1.2820	1.2290	1.1182	1.2067	1.2691	1.3112	1.2809	1.3599	-----	1.26	2.14	0.998	0.999	5.8		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
N-Nitrosodimethylamin	1	0	Avg	0.7144	0.6255	0.7082	0.7027	0.6943	0.7298	0.7438	0.7647	-----	0.710	2.09	0.999	1.00	5.8		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
2-Fluorophenol	1	0	Avg	1.1170	0.9168	1.0400	1.0958	1.1286	1.1794	1.2001	1.2261	-----	1.11	3.97	0.999	1.00	8.9		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
Benzaldehyde	1	0	LinF	1.1166	1.3363	1.1398	1.1206	1.1470	1.0990	1.0773	1.0569	-----	1.14	4.84	0.999	1.00	7.6		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
Aniline	1	0	Qua	1.6471	1.2368	1.2309	1.4204	1.6084	1.8322	1.9508	1.9747	-----	1.61	4.94	0.996	0.999	18		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
Pentachloroethane	1	0	Avg	0.5593	0.6766	0.5719	0.5499	0.5724	0.5958	0.5995	0.5917	-----	0.590	4.98	1.00	1.00	6.7		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
bis(2-Chloroethyl)ether	1	0	Avg	1.0922	1.3368	1.1959	1.1793	1.0994	1.1205	1.1499	1.1518	-----	1.17	5.01	0.999	1.00	6.7		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
Phenol-d5	1	0	Avg	1.5501	1.6268	1.5324	1.5402	1.5760	1.6496	1.7031	1.7372	-----	1.61	4.93	0.998	1.00	4.8		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
Phenol	1	0	Avg	1.7516	1.8541	1.7073	1.6928	1.7339	1.8246	1.8584	1.8967	-----	1.79	4.94	0.999	1.00	4.3	*(30)	50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
2-Chlorophenol	1	0	Avg	1.3130	1.4207	1.3027	1.3147	1.3127	1.3883	1.4006	1.4140	-----	1.36	5.05	0.999	1.00	3.8		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
N-Decane	1	0	Avg	1.1726	1.4026	1.1588	1.1858	1.2085	1.2029	1.2868	1.2928	-----	1.24	5.10	0.998	1.00	6.7		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
1,3-Dichlorobenzene	1	0	Avg	1.4287	1.7064	1.4374	1.4345	1.4263	1.4856	1.5139	1.5178	-----	1.49	5.17	0.999	1.00	6.3		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
1,4-Dichlorobenzene	1	0	Avg	1.4745	1.8212	1.5548	1.5054	1.4896	1.4957	1.5447	1.5849	-----	1.56	5.24	0.999	1.00	7.2	*(30)	50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
1,2-Dichlorobenzene	1	0	Avg	1.4006	1.7004	1.4752	1.3686	1.4182	1.4499	1.4978	1.4928	-----	1.48	5.37	0.999	1.00	6.9		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
Benzyl alcohol	1	0	Avg	0.8477	0.8095	0.8327	0.8407	0.8327	0.8934	0.9180	0.9293	-----	0.863	5.36	0.999	1.00	5.1		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
bis(2-chloroisopropyl)et	1	0	Avg	1.1422	1.3956	1.1738	1.1565	1.1389	1.1720	1.2120	1.2334	-----	1.20	5.47	0.999	1.00	7.0		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
2-Methylphenol	1	0	Avg	1.1723	1.3874	1.2256	1.2211	1.1873	1.2366	1.2576	1.2781	-----	1.25	5.46	0.999	1.00	5.4		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
Acetophenone	1	0	Avg	2.2001	2.5385	2.1195	2.1910	2.1611	2.2253	2.3265	2.3451	-----	2.26	5.57	0.999	1.00	6.0		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
Hexachloroethane	1	0	Avg	0.5700	0.6290	0.5738	0.5642	0.5602	0.5818	0.5831	0.5838	-----	0.581	5.64	1.00	1.00	3.7		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
N-Nitroso-di-n-propyla	1	0	Avg	0.9898	1.1722	0.9954	0.9805	0.9816	1.0259	1.0508	1.0592	-----	1.03	5.58	0.999	1.00	6.2	**(0.050)	50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
3&4-Methylphenol	1	0	Avg	1.2593	1.4454	1.2906	1.2752	1.2521	1.3053	1.3290	1.3313	-----	1.31	5.59	0.999	1.00	4.7		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
Nitrobenzene-d5	1	0	Avg	0.1642	0.1771	0.1568	0.1525	0.1618	0.1673	0.1724	0.1722	-----	0.166	5.69	0.999	1.00	5.1		25.00	1.00	5.00	10.00	40.00	60.00	80.00	98.00	
Nitrobenzene	1	0	Avg	0.3655	0.4134	0.3555	0.3580	0.3531	0.3509	0.3747	0.3812	-----	0.369	5.71	0.998	0.999	5.7		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
Isophorone	1	0	Avg	0.6630	0.7646	0.6530	0.6610	0.6479	0.6560	0.6845	0.6845	-----	0.677	5.90	0.999	1.00	5.6		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
2-Nitrophenol	1	0	Avg	0.1955	0.2083	0.1920	0.1787	0.1961	0.1943	0.2065	0.2115	-----	0.198	5.96	0.998	1.00	5.4	*(30)	50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
2,4-Dimethylphenol	1	0	Avg	0.3658	0.4048	0.3433	0.3526	0.3597	0.3563	0.3760	0.3858	-----	0.368	6.00	0.998	1.00	5.4		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
Benzoic Acid	1	0	Qua	0.2442	-----	0.1588	0.1991	0.2415	0.2595	0.2630	0.2661	-----	0.233	6.09	0.999	1.00	17		50.00		10.00	20.00	80.00	120.0	160.0	196.0	
bis(2-Chloroethoxy)met	1	0	Avg	0.3808	0.4612	0.3715	0.3741	0.3762	0.3786	0.3903	0.4058	-----	0.392	6.07	0.998	1.00	7.6		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
2,4-Dichlorophenol	1	0	Avg	0.3070	0.3558	0.2863	0.2930	0.3083	0.3051	0.3189	0.3250	-----	0.312	6.15	0.999	1.00	6.9	*(30)	50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
1,2,4-Trichlorobenzene	1	0	Avg	0.3517	0.4167	0.3385	0.3432	0.3523	0.3465	0.3662	0.3728	-----	0.361	6.21	0.998	1.00	7.0		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
Naphthalene	1	0	Avg	1.0429	1.2855	1.0528	1.0275	1.0400	1.0310	1.0807	1.1130	-----	1.08	6.26	0.998	1.00	8.0		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
4-Chloroaniline	1	0	Qua	0.3578	0.3231	0.2870	0.3096	0.3455	0.3300	0.3075	0.2839	-----	0.318	6.31	0.989	1.00	8.2		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
Hexachlorobutadiene	1	0	Avg	0.2022	0.2538	0.1994	0.1993	0.2022	0.1993	0.2069	0.2129	-----	0.210	6.35	0.999	1.00	8.8	*(30)	50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
Caprolactam	1	0	Avg	0.1243	0.1423	0.1139	0.1244	0.1232	0.1265	0.1311	0.1307	-----	0.127	6.58	0.999	1.00	6.4		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
4-Chloro-3-methylphen	1	0	Avg	0.3249	0.3543	0.3251	0.3137	0.3220	0.3217	0.3361	0.3342	-----	0.329	6.68	0.999	1.00	3.8	*(30)	50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
2-Methylnaphthalene	1	0	Avg	0.7323	0.9089	0.6909	0.7105	0.7228	0.7312	0.7658	0.7806	-----	0.755	6.77	0.999	1.00	9.0		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
Methylnaphthalenes (T	1	0	Avg	0.7323	0.9089	0.6909	0.7105	0.7228	0.7312	0.7658	0.7806	-----	0.755	6.77	0.999	1.00	9.0		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
1,1'-Biphenyl	1	0	Avg	1.0688	1.2712	1.0411	1.0541	1.0608	1.0827	1.1310	1.1483	-----	1.11	7.13	0.999	1.00	6.9		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
1,2,4,5-Tetrachloroben	1	0	Avg	0.7534	0.8217	0.7236	0.7291	0.7236	0.7297	0.7705	0.8037	-----	0.757	6.90	0.997	1.00	5.1		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
Hexachlorocyclopentac	1	0	Qua	0.0802	-----	0.0063	0.0264	0.0750	0.1043	0.1483	0.1549	-----	0.0851	6.89	0.959	0.993	66	**(0.050)	50.00		10.00	20.00	80.00	120.0	160.0	196.0	
2,4,6-Trichlorophenol	1	0	Avg	0.3704	0.3945	0.3508	0.3512	0.3662	0.3675	0.3973	0.4099	-----	0.376	6.99	0.996	1.00	5.9	*(30)	50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	

Flags
a - failed the spcc criteria ** - ccc compound*
b - failed the ccc criteria *** - spcc compound*
c - failed the minimum correlation coeff criteria(if applicable)

Note: Avg Rsd: 8.38
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.

Method: EPA 8270C

Form 6
Initial Calibration

Instrument: GCMS_10

Level #:	Data File:	Cal Identifier:	Analysis Date/Time	Level #:	Data File:	Cal Identifier:	Analysis Date/Time
1	10M09017.	CAL BNA@50PPM	12/14/09 12:56	2	10M09020.	CAL BNA@2PPM	12/14/09 14:02
3	10M09019.	CAL BNA@10PPM	12/14/09 13:40	4	10M09018.	CAL BNA@20PPM	12/14/09 13:18
5	10M09016.	CAL BNA@80PPM	12/14/09 12:34	6	10M09015.	CAL BNA@120PPM	12/14/09 12:11
7	10M09014.	CAL BNA@160PPM	12/14/09 11:49	8	10M09013.	CAL BNA@196PPM	12/14/09 11:27

Compound	Col	Mr	Fit:	RF1	RF2	RF3	RF4	RF5	RF6	RF7	RF8	RF9	AvgRf	RT	Corr1	Corr2	%Rsd		Calibration Level Concentrations Lvl1	Lvl2	Lvl3	Lvl4	Lvl5	Lvl6	Lvl7	Lvl8	Lvl9
2,4,5-Trichlorophenol	1	0	Avg	0.4084	0.4401	0.3765	0.3889	0.3968	0.3964	0.4219	0.4360	-----	0.408	7.03	0.997	1.00	5.6		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
2-Fluorobiphenyl	1	0	Avg	1.3432	1.5143	1.3236	1.3484	1.3414	1.3208	1.4013	1.4256	-----	1.36	7.05	0.999	1.00	4.8		25.00	1.00	5.00	10.00	40.00	60.00	80.00	98.00	
2-Chloronaphthalene	1	0	Avg	1.1669	1.3914	1.1015	1.1608	1.1371	1.1387	1.2060	1.2345	-----	1.19	7.14	0.998	1.00	7.6		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
1,4-Dimethylnaphthalei	1	0	Avg	1.2424	1.5646	1.1803	1.2242	1.2339	1.2418	1.3217	1.3538	-----	1.30	7.40	0.998	1.00	9.4		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
Dimethylnaphthalenes	1	0	Avg	1.2424	1.5646	1.1803	1.2242	1.2339	1.2418	1.3217	1.3538	-----	1.30	7.40	0.998	1.00	9.4		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
Diphenyl Ether	1	0	Avg	0.9813	1.1173	0.9420	0.9707	0.9491	0.9539	1.0212	1.0601	-----	1.00	7.21	0.997	0.999	6.2		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
2-Nitroaniline	1	0	Avg	0.4196	0.3377	0.3278	0.4095	0.4055	0.3252	0.3304	0.3379	-----	0.362	7.23	0.990	0.992	12		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
Acenaphthylene	1	0	Avg	1.9429	2.2566	1.8643	1.8983	1.8793	1.8948	2.0246	2.0893	-----	1.98	7.47	0.997	1.00	6.9		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
Dimethylphthalate	1	0	Avg	1.3818	1.7019	1.3670	1.3242	1.3299	1.3414	1.4091	1.4344	-----	1.41	7.37	0.998	1.00	8.8		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
2,6-Dinitrotoluene	1	0	Avg	0.3234	0.3693	0.3105	0.3157	0.3097	0.3086	0.3290	0.3341	-----	0.325	7.42	0.998	0.999	6.2		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
Acenaphthene	1	0	Avg	1.2189	1.4679	1.1815	1.1912	1.2238	1.2185	1.2745	1.3238	-----	1.26	7.62	0.998	1.00	7.5	*(30)	50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
3-Nitroaniline	1	0	Avg	0.2888	0.2978	0.2697	0.2837	0.2762	0.2724	0.2590	0.2617	-----	0.276	7.56	0.999	0.999	4.8		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
2,4-Dinitrophenol	1	0	Qua	0.1336	-----	0.0436	0.0720	0.1332	0.1556	0.1817	0.1833	-----	0.129	7.66	0.989	0.998	41	**(0.050)	50.00		10.00	20.00	80.00	120.0	160.0	196.0	
Dibenzofuran	1	0	Avg	1.7074	2.1456	1.6800	1.6845	1.6649	1.6947	1.8115	1.8502	-----	1.78	7.77	0.997	1.00	9.1		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
2,4-Dinitrotoluene	1	0	Avg	0.4350	0.3902	0.3925	0.4250	0.4255	0.4329	0.4638	0.4657	-----	0.429	7.76	0.998	1.00	6.5		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
4-Nitrophenol	1	0	Avg	0.1837	0.1393	0.1441	0.1773	0.1775	0.1823	0.2027	0.2041	-----	0.176	7.71	0.996	0.999	13	**(0.050)	50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
2,3,4,6-Tetrachlorophe	1	0	Avg	0.3431	0.3281	0.2904	0.3221	0.3327	0.3384	0.3686	0.3770	-----	0.338	7.88	0.996	0.999	8.0		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
Fluorene	1	0	Avg	1.4807	1.6243	1.3728	1.4071	1.4447	1.4454	1.5402	1.5574	-----	1.48	8.07	0.999	1.00	5.7		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
4-Chlorophenyl-phenyl	1	0	Avg	0.7258	0.8620	0.6856	0.7029	0.7067	0.7118	0.7585	0.7667	-----	0.740	8.07	0.998	1.00	7.6		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
Diethylphthalate	1	0	Avg	1.3939	1.7126	1.3603	1.3578	1.3468	1.3703	1.4364	1.4337	-----	1.43	7.96	0.999	1.00	8.4		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
4-Nitroaniline	1	0	Avg	0.3480	0.3435	0.3218	0.3283	0.3310	0.3209	0.3293	0.3399	-----	0.333	8.09	0.999	0.999	3.0		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
Atrazine	1	0	Avg	0.4636	0.5786	0.4773	0.4756	0.4600	0.4775	0.4830	0.5006	-----	0.490	8.70	0.999	1.00	7.8		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
4,6-Dinitro-2-methylphe	1	0	Qua	0.1404	-----	0.0836	0.1136	0.1401	0.1527	0.1605	0.1598	-----	0.136	8.13	0.998	1.00	21		50.00		10.00	20.00	80.00	120.0	160.0	196.0	
n-Nitrosodiphenylamine	1	0	Avg	0.7198	0.8142	0.7136	0.6952	0.7045	0.7012	0.7499	0.7301	-----	0.729	8.18	0.999	0.999	5.3	*(30)	50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
2,4,6-Tribromophenol	1	0	Avg	0.1190	0.1034	0.1081	0.1108	0.1180	0.1188	0.1258	0.1231	-----	0.116	8.29	0.999	0.999	6.7		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
1,2-Diphenylhydrazine	1	0	Avg	0.7580	0.8250	0.7158	0.7488	0.7432	0.7315	0.7869	0.7730	-----	0.760	8.21	0.999	0.999	4.5		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
4-Bromophenyl-phenyl	1	0	Avg	0.2494	0.2753	0.2375	0.2477	0.2472	0.2469	0.2629	0.2644	-----	0.254	8.53	0.998	1.00	4.9		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
Hexachlorobenzene	1	0	Avg	0.2622	0.3012	0.2510	0.2596	0.2564	0.2556	0.2756	0.2713	-----	0.267	8.59	0.998	0.999	6.1		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
N-Octadecane	1	0	Avg	0.4397	0.4891	0.4007	0.4307	0.4402	0.4412	0.4866	0.4828	-----	0.451	8.88	0.997	0.999	7.0		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
Pentachlorophenol	1	0	Qua	0.1017	-----	0.0540	0.0795	0.0986	0.1080	0.1227	0.1259	-----	0.0987	8.79	0.993	0.999	25	*(30)	50.00		10.00	20.00	80.00	120.0	160.0	196.0	
Phenanthrene	1	0	Avg	1.1864	1.4547	1.1448	1.1680	1.1633	1.1813	1.2322	1.2202	-----	1.22	9.00	0.999	1.00	8.2		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
Anthracene	1	0	Avg	1.2184	1.4319	1.1593	1.1984	1.1974	1.2095	1.2674	1.2556	-----	1.24	9.06	0.999	1.00	6.7		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
Carbazole	1	0	Avg	1.1538	1.2875	1.0835	1.1356	1.1473	1.1512	1.1992	1.1843	-----	1.17	9.23	1.00	1.00	5.1		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
Di-n-butylphthalate	1	0	Avg	1.4011	1.5518	1.3214	1.3467	1.3570	1.3716	1.4253	1.4184	-----	1.40	9.62	0.999	1.00	5.1		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
Fluoranthene	1	0	Avg	1.3319	1.5136	1.2946	1.3084	1.3216	1.3498	1.3886	1.3445	-----	1.36	10.30	0.999	0.999	5.1	*(30)	50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
Pyrene	1	0	Avg	1.5008	1.6884	1.4269	1.4470	1.4810	1.4783	1.5622	1.6302	-----	1.53	10.56	0.997	1.00	6.0		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
Benzidine	1	0	Qua	0.4535	0.2544	0.2791	0.3670	0.4523	0.4631	0.4536	0.4450	-----	0.396	10.47	0.998	0.998	22		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
Terphenyl-d14	1	0	Avg	1.1439	1.2229	1.0515	1.0880	1.0787	1.1137	1.1467	1.2037	-----	1.13	10.76	0.997	0.999	5.3		25.00	1.00	5.00	10.00	40.00	60.00	80.00	96.00	
4,4'-DDE	1	0	Avg	0.3461	0.4150	0.3391	0.3482	0.3450	0.3433	0.3580	0.3727	-----	0.358	10.69	0.998	1.00	7.0		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
Endrin	1	0	Avg	0.0651	0.0778	0.0652	0.0637	0.0660	0.0655	0.0688	0.0716	-----	0.0680	10.99	0.998	1.00	6.9		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
4,4'-DDD	1	0	Avg	0.5745	0.6097	0.5435	0.5565	0.5524	0.5567	0.5925	0.6111	-----	0.575	11.09	0.997	1.00	4.6		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	

Flags
a - failed the spec criteria ** - ccc compound*
b - failed the ccc criteria *** - spcc compound*
c - failed the minimum correlation coeff criteria(if applicable)

Note: Avg Rsd: 8.38
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.

Method: EPA 8270C

Form 6
Initial Calibration

Instrument: GCMS_10

Level #:	Data File:	Cal Identifier:	Analysis Date/Time	Level #:	Data File:	Cal Identifier:	Analysis Date/Time
1	10M09017.	CAL BNA@50PPM	12/14/09 12:56	2	10M09020.	CAL BNA@2PPM	12/14/09 14:02
3	10M09019.	CAL BNA@10PPM	12/14/09 13:40	4	10M09018.	CAL BNA@20PPM	12/14/09 13:18
5	10M09016.	CAL BNA@80PPM	12/14/09 12:34	6	10M09015.	CAL BNA@120PPM	12/14/09 12:11
7	10M09014.	CAL BNA@160PPM	12/14/09 11:49	8	10M09013.	CAL BNA@196PPM	12/14/09 11:27

Compound	Col	Mr	Fit:	RF1	RF2	RF3	RF4	RF5	RF6	RF7	RF8	RF9	AvgRf	RT	Corr1	Corr2	%Rsd		Calibration Level Concentrations Lvl1	Lvl2	Lvl3	Lvl4	Lvl5	Lvl6	Lvl7	Lvl8	Lvl9
Butylbenzylphthalate	1	0	Avg	0.6535	0.7403	0.6028	0.6418	0.6338	0.6382	0.6711	0.6840	-----	0.658	11.35	0.998	1.00	6.3		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
Endrin aldehyde	1	0	Avg	0.0279	0.0372	0.0264	0.0287	0.0279	0.0265	0.0269	0.0273	-----	0.0286	10.99	1.00	1.00	12		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
4,4'-DDT	1	0	Avg	0.5042	0.4476	0.4458	0.4765	0.4998	0.5077	0.5358	0.5556	-----	0.497	11.44	0.998	1.00	7.8		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
Endrin ketone	1	0	Avg	0.0737	0.0829	0.0706	0.0718	0.0730	0.0719	0.0728	0.0751	-----	0.0740	11.90	0.999	1.00	5.2		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
3,3'-Dichlorobenzidine	1	0	Qua	0.3570	0.4336	0.3613	0.3271	0.3290	0.3423	0.3482	0.3254	-----	0.353	11.96	0.999	0.999	10		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
Benzo(a)anthracene	1	0	Avg	1.4524	1.7508	1.4144	1.3997	1.4134	1.4029	1.4692	1.4739	-----	1.47	11.97	0.999	1.00	7.9		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
Chrysene	1	0	Avg	1.3426	1.6498	1.3630	1.3230	1.3286	1.3436	1.3992	1.3924	-----	1.39	12.02	0.999	1.00	7.7		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
bis(2-Ethylhexyl)phthal	1	0	Avg	0.9038	0.9892	0.8461	0.8685	0.8895	0.8939	0.9427	0.9543	-----	0.911	12.05	0.999	1.00	5.2		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
Di-n-octylphthalate	1	0	Avg	1.3992	1.5483	1.3061	1.3540	1.3779	1.4768	1.5151	1.5367	-----	1.44	12.80	0.999	1.00	6.4	*(30)	50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
Benzo(b)fluoranthene	1	0	Avg	1.1830	1.3973	1.1654	1.1972	1.1558	1.2417	1.3571	1.2593	-----	1.24	13.18	0.995	0.996	7.2		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
Benzo(k)fluoranthene	1	0	Avg	1.2714	1.4610	1.1862	1.1940	1.2584	1.2558	1.2579	1.3034	-----	1.27	13.21	0.999	1.00	6.7		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
Benzo(a)pyrene	1	0	Avg	1.1817	1.3469	1.1267	1.1326	1.1583	1.1836	1.2576	1.2131	-----	1.20	13.52	0.999	0.999	6.1	*(30)	50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
Indeno(1,2,3-cd)pyrene	1	0	Avg	1.2981	1.4594	1.2433	1.2496	1.2448	1.2293	1.3764	1.3423	-----	1.31	14.65	0.997	0.998	6.3		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
Dibenzo(a,h)anthracene	1	0	Avg	1.0604	1.2146	1.0056	1.0510	1.0395	1.0206	1.1530	1.1369	-----	1.09	14.66	0.996	0.998	6.8		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
Benzo(g,h,i)perylene	1	0	Avg	1.0604	1.2617	1.0673	1.0718	1.0438	0.9998	1.1366	1.1010	-----	1.09	14.94	0.996	0.997	7.2		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	

Flags
a - failed the spcc criteria ** - ccc compound*
b - failed the ccc criteria *** - spcc compound*
c - failed the minimum correlation coeff criteria(if applicable)

Note: Avg Rsd: 8.38
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.

Method: EPA 8270C

Form 6
Initial Calibration

Instrument: GCMS_9

Level #:	Data File:	Cal Identifier:	Analysis Date/Time	Level #:	Data File:	Cal Identifier:	Analysis Date/Time
1	9M22129.	CAL BNA@50PPM	12/14/09 13:00	2	9M22132.	CAL BNA@2PPM	12/14/09 14:13
3	9M22131.	CAL BNA@10PPM	12/14/09 13:50	4	9M22130.	CAL BNA@20PPM	12/14/09 13:25
5	9M22128.	CAL BNA@80PPM	12/14/09 12:37	6	9M22126.	CAL BNA@120PPM	12/14/09 11:50
7	9M22125.	CAL BNA@160PPM	12/14/09 11:28	8	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		Calibration Level Concentrations Lvl1	Lvl2	Lvl3	Lvl4	Lvl5	Lvl6	Lvl7	Lvl8	Lvl9
Pyridine	1	0	Avg	1.1442	0.7880	0.8797	1.1308	1.0199	1.1981	1.1968	1.2151	-----	1.07	2.90	0.997	0.998	15		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
N-Nitrosodimethylamin	1	0	Qua	0.6673	0.4365	0.5194	0.6651	0.6310	0.7158	0.7026	0.7230	-----	0.633	2.82	0.998	0.999	16		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
2-Fluorophenol	1	0	Avg	1.1908	1.0644	1.0605	1.0895	1.0938	1.2742	1.2936	1.3363	-----	1.18	4.52	0.996	0.999	9.6		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
Benzaldehyde	1	0	Avg	1.2040	1.4177	1.1066	1.2335	1.0761	1.1799	1.1787	1.0303	-----	1.18	5.35	0.995	0.996	10		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
Aniline	1	0	Qua	1.7799	1.3994	1.4301	1.5597	1.6359	2.0622	2.0758	2.1591	-----	1.76	5.44	0.993	0.998	17		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
Pentachloroethane	1	0	Avg	0.5603	0.6095	0.5479	0.5876	0.5693	0.5825	0.5968	0.5931	-----	0.581	5.49	1.00	1.00	3.5		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
bis(2-Chloroethyl)ether	1	0	Avg	1.3019	1.6649	1.2916	1.3272	1.1842	1.2641	1.2923	1.2934	-----	1.33	5.50	0.999	0.999	11		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
Phenol-d5	1	0	Avg	1.8279	1.8031	1.5668	1.7858	1.6239	1.7997	1.8588	1.9346	-----	1.78	5.41	0.996	0.999	6.8		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
Phenol	1	0	Avg	1.9261	1.8562	1.8127	1.8576	1.7290	1.9397	1.9887	2.0147	-----	1.89	5.43	0.997	0.999	5.0	*(30)	50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
2-Chlorophenol	1	0	Avg	1.4959	1.4113	1.4343	1.4646	1.3591	1.5047	1.5401	1.5418	-----	1.47	5.55	0.998	0.999	4.4		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
N-Decane	1	0	Avg	1.1176	1.4544	1.1779	1.1605	1.1270	1.1609	1.1698	1.1457	-----	1.19	5.59	1.00	1.00	9.2		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
1,3-Dichlorobenzene	1	0	Avg	1.4612	1.5532	1.4555	1.4439	1.3657	1.4620	1.4750	1.4736	-----	1.46	5.68	0.999	1.00	3.5		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
1,4-Dichlorobenzene	1	0	Avg	1.5224	1.7610	1.4490	1.5886	1.4424	1.5328	1.5307	1.5140	-----	1.54	5.74	0.999	0.999	6.5	*(30)	50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
1,2-Dichlorobenzene	1	0	Avg	1.4214	1.6328	1.4844	1.5015	1.3649	1.4502	1.4715	1.4709	-----	1.47	5.87	0.999	1.00	5.2		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
Benzyl alcohol	1	0	Avg	0.9573	0.8036	0.9011	0.9494	0.9147	0.9636	0.9857	1.0068	-----	0.935	5.85	0.999	1.00	6.8		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
bis(2-chloroisopropyl)et	1	0	Avg	1.7912	1.9742	1.7524	1.7698	1.5937	1.7223	1.7191	1.7412	-----	1.76	5.95	0.999	0.999	6.0		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
2-Methylphenol	1	0	Avg	1.3425	1.3811	1.2927	1.3563	1.2597	1.3180	1.3500	1.3652	-----	1.33	5.94	0.999	1.00	3.0		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
Acetophenone	1	0	Avg	2.4666	3.0900	2.4593	2.4843	2.3367	2.4153	2.4457	2.4831	-----	2.52	6.06	0.999	1.00	9.3		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
Hexachloroethane	1	0	Avg	0.5827	0.7981	0.6534	0.5949	0.5691	0.6034	0.5917	0.6000	-----	0.624	6.15	0.999	1.00	12		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
N-Nitroso-di-n-propyla	1	0	Avg	1.1149	1.3820	0.9307	1.0919	1.0532	1.0764	1.0758	1.0990	-----	1.10	6.06	1.00	1.00	11	**(0.050)	50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
3&4-Methylphenol	1	0	Avg	1.4853	1.8122	1.4004	1.5143	1.3992	1.4319	1.4806	1.5052	-----	1.50	6.06	0.999	1.00	8.8		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
Nitrobenzene-d5	1	0	Avg	0.1705	0.1933	0.1532	0.1467	0.1718	0.1669	0.1668	0.1760	-----	0.168	6.18	0.998	0.999	8.4		25.00	1.00	5.00	10.00	40.00	60.00	80.00	98.00	
Nitrobenzene	1	0	Avg	0.3338	0.4023	0.3205	0.3241	0.3173	0.3213	0.3221	0.3333	-----	0.334	6.19	0.999	1.00	8.4		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
Isophorone	1	0	Avg	0.6608	0.8104	0.6720	0.6332	0.6673	0.6586	0.6760	0.6748	-----	0.682	6.38	1.00	1.00	7.9		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
2-Nitrophenol	1	0	Avg	0.1834	0.1877	0.1586	0.1753	0.1778	0.1817	0.1879	0.1941	-----	0.181	6.44	0.998	1.00	6.0	*(30)	50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
2,4-Dimethylphenol	1	0	Avg	0.3487	0.4246	0.3416	0.3501	0.3512	0.3587	0.3563	0.3653	-----	0.362	6.47	1.00	1.00	7.2		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
Benzoic Acid	1	0	Qua	0.2195	-----	0.0990	0.1597	0.2119	0.2497	0.2606	0.2880	-----	0.213	6.54	0.991	0.999	30		50.00		10.00	20.00	80.00	120.0	160.0	196.0	
bis(2-Chloroethoxy)met	1	0	Avg	0.3852	0.4495	0.3698	0.3876	0.3898	0.3782	0.3951	0.3959	-----	0.394	6.55	0.999	1.00	6.1		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
2,4-Dichlorophenol	1	0	Avg	0.2970	0.3183	0.2794	0.2757	0.2829	0.2855	0.2933	0.3016	-----	0.292	6.63	0.999	1.00	4.8	*(30)	50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
1,2,4-Trichlorobenzene	1	0	Avg	0.3125	0.3551	0.3134	0.3222	0.3100	0.3101	0.3174	0.3175	-----	0.320	6.69	1.00	1.00	4.7		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
Naphthalene	1	0	Avg	1.0144	1.1747	1.0584	1.0174	1.0197	1.0098	1.0266	1.0312	-----	1.04	6.76	1.00	1.00	5.3		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
4-Chloroaniline	1	0	Qua	0.3635	0.3780	0.3304	0.3252	0.3847	0.3073	0.2850	0.2995	-----	0.334	6.79	0.985	0.990	11		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
Hexachlorobutadiene	1	0	Avg	0.1592	0.2217	0.1617	0.1482	0.1532	0.1574	0.1594	0.1620	-----	0.165	6.84	0.999	1.00	14	*(30)	50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
Caprolactam	1	0	Avg	0.1572	0.1679	0.1632	0.1412	0.1522	0.1455	0.1486	0.1470	-----	0.153	7.06	0.999	1.00	6.0		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
4-Chloro-3-methylphen	1	0	Avg	0.3218	0.4035	0.3105	0.3236	0.3193	0.3140	0.3271	0.3261	-----	0.331	7.15	1.00	1.00	9.1	*(30)	50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
2-Methylnaphthalene	1	0	Avg	0.7151	0.8872	0.7255	0.7312	0.7210	0.7006	0.7358	0.7154	-----	0.742	7.28	0.999	0.999	8.1		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
Methylnaphthalenes (T	1	0	Avg	0.7151	0.8872	0.7255	0.7312	0.7210	0.7006	0.7358	0.7154	-----	0.742	7.28	0.999	0.999	8.1		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
1,1'-Biphenyl	1	0	Avg	1.0637	1.3259	1.0674	1.0585	1.0509	1.0473	1.0601	1.0591	-----	1.09	7.65	1.00	1.00	8.7		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
1,2,4,5-Tetrachloroben	1	0	Avg	0.6117	0.6750	0.5882	0.6003	0.5996	0.5911	0.6078	0.5848	-----	0.607	7.42	0.999	0.999	4.8		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
Hexachlorocyclopentac	1	0	Qua	0.1850	-----	0.1059	0.1519	0.1776	0.2203	0.2329	0.2436	-----	0.188	7.41	0.992	0.998	26	**(0.050)	50.00		10.00	20.00	80.00	120.0	160.0	196.0	
2,4,6-Trichlorophenol	1	0	Avg	0.3445	0.3160	0.3474	0.3381	0.3298	0.3327	0.3520	0.3432	-----	0.338	7.50	0.999	0.999	3.4	*(30)	50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	

Flags
a - failed the spcc criteria ** - ccc compound*
b - failed the ccc criteria *** - spcc compound*
c - failed the minimum correlation coeff criteria(if applicable

Note: Avg Rsd: 9.23
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.

Form 6
Initial Calibration

Method: EPA 8270C

Instrument: GCMS_9

Level #:	Data File:	Cal Identifier:	Analysis Date/Time	Level #:	Data File:	Cal Identifier:	Analysis Date/Time
1	9M22129.	CAL BNA@50PPM	12/14/09 13:00	2	9M22132.	CAL BNA@2PPM	12/14/09 14:13
3	9M22131.	CAL BNA@10PPM	12/14/09 13:50	4	9M22130.	CAL BNA@20PPM	12/14/09 13:25
5	9M22128.	CAL BNA@80PPM	12/14/09 12:37	6	9M22126.	CAL BNA@120PPM	12/14/09 11:50
7	9M22125.	CAL BNA@160PPM	12/14/09 11:28	8	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		Calibration Level Concentrations Lvl1	Lvl2	Lvl3	Lvl4	Lvl5	Lvl6	Lvl7	Lvl8	Lvl9
2,4,5-Trichlorophenol	1	0	Avg	0.3808	0.3940	0.3652	0.3817	0.3670	0.3724	0.3847	0.3787	-----	0.378	7.54	1.00	1.00	2.5		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
2-Fluorobiphenyl	1	0	Avg	1.2765	1.5893	1.3315	1.2578	1.2192	1.2352	1.2582	1.2234	-----	1.30	7.57	1.00	1.00	9.4		25.00	1.00	5.00	10.00	40.00	60.00	80.00	98.00	
2-Chloronaphthalene	1	0	Avg	1.1081	1.3521	1.1050	1.1359	1.1117	1.1002	1.1358	1.1118	-----	1.15	7.68	1.00	1.00	7.4		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
1,4-Dimethylnaphthalen	1	0	Avg	1.2102	1.5383	1.2299	1.2288	1.2234	1.1579	1.2087	1.1669	-----	1.25	7.96	0.999	0.999	9.7		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
Dimethylnaphthalenes	1	0	Avg	1.2102	1.5383	1.2299	1.2288	1.2234	1.1579	1.2087	1.1669	-----	1.25	7.96	0.999	0.999	9.7		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
Diphenyl Ether	1	0	Avg	0.8967	1.1890	0.9139	0.9334	0.8954	0.8693	0.8951	0.8923	-----	0.936	7.74	1.00	1.00	11		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
2-Nitroaniline	1	0	Avg	0.4109	0.4702	0.4040	0.4186	0.4069	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	
Acenaphthylene	1	0	Avg	1.9098	2.2848	1.8897	1.9535	1.9282	1.8341	1.9021	1.8381	-----	1.94	8.04	0.999	0.999	7.4		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
Dimethylphthalate	1	0	Avg	1.4439	1.5849	1.4429	1.4401	1.4757	1.3320	1.4241	1.3741	-----	1.44	7.90	0.998	0.998	5.2		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
2,6-Dinitrotoluene	1	0	Avg	0.3136	0.3645	0.3082	0.3144	0.3188	0.3052	0.3183	0.3124	-----	0.320	7.96	1.00	1.00	5.9		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
Acenaphthene	1	0	Avg	1.2281	1.4006	1.2646	1.2469	1.2081	1.1712	1.2153	1.1751	-----	1.24	8.19	0.999	0.999	5.9	*(30)	50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
3-Nitroaniline	1	0	Avg	0.3194	0.3017	0.3196	0.3277	0.3231	0.2936	0.3137	0.3026	-----	0.313	8.11	0.998	0.998	3.9		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
2,4-Dinitrophenol	1	0	Qua	0.1525	-----	0.0710	0.1165	0.1429	0.1691	0.1769	0.1878	-----	0.145	8.20	0.994	0.999	28	**(0.050)	50.00		10.00	20.00	80.00	120.0	160.0	196.0	
Dibenzofuran	1	0	Avg	1.7090	2.1151	1.6851	1.6912	1.6777	1.5918	1.6487	1.5997	-----	1.71	8.34	0.999	0.999	9.8		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
2,4-Dinitrotoluene	1	0	Avg	0.4609	0.4071	0.4328	0.4210	0.4640	0.4241	0.4661	0.4487	-----	0.441	8.32	0.998	0.998	5.1		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
4-Nitrophenol	1	0	Avg	0.2395	0.1929	0.2185	0.2333	0.2390	0.2310	0.2423	0.2411	-----	0.230	8.24	1.00	1.00	7.3	**(0.050)	50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
2,3,4,6-Tetrachlorophe	1	0	Avg	0.3159	0.4158	0.2946	0.3296	0.3272	0.2997	0.3285	0.3164	-----	0.329	8.45	0.998	0.998	11		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
Fluorene	1	0	Avg	1.4084	1.8220	1.4331	1.4576	1.4426	1.3412	1.4142	1.3645	-----	1.46	8.66	0.999	0.999	10		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
4-Chlorophenyl-phenyl	1	0	Avg	0.6284	0.8412	0.6553	0.6693	0.6630	0.6154	0.6315	0.6185	-----	0.665	8.65	0.999	0.999	11		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
Diethylphthalate	1	0	Avg	1.5290	2.0449	1.4920	1.5205	1.5680	1.4313	1.5026	1.4415	-----	1.57	8.53	0.998	0.999	13		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
4-Nitroaniline	1	0	Avg	0.4082	0.3735	0.4002	0.3858	0.4147	0.3887	0.4104	0.3954	-----	0.397	8.67	0.999	0.999	3.5		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
Atrazine	1	0	Avg	0.4892	0.5715	0.5060	0.5151	0.5225	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	1	0	Qua	0.1343	-----	0.0901	0.1111	0.1215	0.1417	0.1415	0.1489	-----	0.127	8.70	0.996	0.998	16		50.00		10.00	20.00	80.00	120.0	160.0	196.0	
n-Nitrosodiphenylamine	1	0	Avg	0.6774	0.8301	0.6748	0.6855	0.6382	0.6666	0.6610	0.6680	-----	0.688	8.77	1.00	1.00	8.6	*(30)	50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
2,4,6-Tribromophenol	1	0	Avg	0.0632	0.0565	0.0657	0.0594	0.0575	0.0645	0.0636	0.0663	-----	0.0621	8.89	0.997	0.999	6.1		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
1,2-Diphenylhydrazine	1	0	Avg	0.7744	0.9517	0.7654	0.7872	0.7016	0.7733	0.7552	0.7698	-----	0.785	8.81	0.999	0.999	9.2		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
4-Bromophenyl-phenyl	1	0	Avg	0.2005	0.2354	0.1785	0.1992	0.1863	0.1953	0.1954	0.2035	-----	0.199	9.14	0.999	0.999	8.4		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
Hexachlorobenzene	1	0	Avg	0.1869	0.2213	0.1901	0.1841	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	
N-Octadecane	1	0	Avg	0.4573	0.5686	0.4335	0.4387	0.4105	0.4733	0.4581	0.4775	-----	0.465	9.48	0.997	0.998	10		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
Pentachlorophenol	1	0	Qua	0.0996	-----	0.0646	0.0800	0.0966	0.1154	0.1233	0.1237	-----	0.100	9.41	0.994	0.998	22	*(30)	50.00		10.00	20.00	80.00	120.0	160.0	196.0	
Phenanthrene	1	0	Avg	1.1910	1.5687	1.2072	1.1882	1.1330	1.1489	1.1550	1.1492	-----	1.22	9.64	1.00	1.00	12		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
Anthracene	1	0	Avg	1.2182	1.5002	1.1922	1.1988	1.1639	1.1872	1.1793	1.1826	-----	1.23	9.70	1.00	1.00	9.1		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
Carbazole	1	0	Avg	1.2014	1.5389	1.2285	1.2257	1.2064	1.1718	1.1923	1.1829	-----	1.24	9.87	1.00	1.00	9.7		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
Di-n-butylphthalate	1	0	Avg	1.5912	1.8772	1.5286	1.5686	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	
Fluoranthene	1	0	Avg	1.3746	1.6835	1.3368	1.3630	1.3843	1.3067	1.3321	1.3012	-----	1.39	10.98	0.999	1.00	9.0	*(30)	50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
Pyrene	1	0	Avg	1.5490	1.8644	1.5034	1.5723	1.4233	1.5674	1.5440	1.5989	-----	1.58	11.24	0.998	0.999	8.1		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
Benzidine	1	0	LinF	0.5594	0.4076	0.3509	0.4946	0.5049	0.5646	0.5460	0.5033	-----	0.493	11.13	0.994	0.996	16		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
Terphenyl-d14	1	0	Avg	1.0686	1.3122	1.0549	1.0629	0.9669	1.0767	1.0629	1.1199	-----	1.09	11.42	0.997	0.999	9.1		25.00	1.00	5.00	10.00	40.00	60.00	80.00	96.00	
o,p'-DDE	1	0	Avg	0.3198	0.4034	0.2897	0.3236	0.2909	0.3232	0.3230	0.3343	-----	0.326	11.36	0.998	0.999	11		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
Endrin	1	0	Avg	0.0926	0.1249	0.0906	0.0931	0.0815	0.0916	0.0922	0.0955	-----	0.0953	11.69	0.997	0.999	13		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
o,p'-DDD	1	0	Avg	0.5768	0.6953	0.5629	0.5715	0.5397	0.5721	0.5665	0.5823	-----	0.583	11.76	0.999	1.00	8.1		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	

Flags

a - failed the spcc criteria ** - ccc compound*

b - failed the ccc criteria *** - spcc compound*

c - failed the minimum correlation coeff criteria(if applicable)

Note: Avg Rsd: 9.23

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.

Method: EPA 8270C

Form 6
Initial Calibration

Instrument: GCMS_9

Level #:	Data File:	Cal Identifier:	Analysis Date/Time	Level #:	Data File:	Cal Identifier:	Analysis Date/Time
1	9M22129.	CAL BNA@50PPM	12/14/09 13:00	2	9M22132.	CAL BNA@2PPM	12/14/09 14:13
3	9M22131.	CAL BNA@10PPM	12/14/09 13:50	4	9M22130.	CAL BNA@20PPM	12/14/09 13:25
5	9M22128.	CAL BNA@80PPM	12/14/09 12:37	6	9M22126.	CAL BNA@120PPM	12/14/09 11:50
7	9M22125.	CAL BNA@160PPM	12/14/09 11:28	8	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		Calibration Level Concentrations Lvl1	Lvl2	Lvl3	Lvl4	Lvl5	Lvl6	Lvl7	Lvl8	Lvl9
Butylbenzylphthalate	1	0	Avg	0.8246	0.9722	0.7525	0.8136	0.7821	0.8275	0.8417	0.8496	-----	0.833	12.01	0.999	1.00	7.8		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
Endrin aldehyde	1	0	Avg	0.0311	0.0222	0.0273	0.0312	0.0274	0.0306	0.0296	0.0306	-----	0.0288	11.69	0.998	0.998	11		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
p,p'-DDT	1	0	Avg	0.5017	0.5442	0.4270	0.4844	0.4712	0.5063	0.4988	0.5116	-----	0.493	12.11	0.999	0.999	6.9		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
Endrin ketone	1	0	Avg	0.0493	0.0537	0.0501	0.0506	0.0477	0.0500	0.0502	0.0524	-----	0.0505	12.60	0.998	1.00	3.6		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
3,3'-Dichlorobenzidine	1	0	Qua	0.3600	0.5306	0.3817	0.3495	0.3436	0.3571	0.3394	0.3546	-----	0.377	12.63	0.999	0.999	17		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
Benzo[a]anthracene	1	0	Avg	1.4957	1.9232	1.4931	1.5344	1.4505	1.4522	1.4647	1.4973	-----	1.54	12.67	1.00	1.00	10		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
Chrysene	1	0	Avg	1.4173	1.8086	1.4666	1.4352	1.3567	1.3090	1.3111	1.3121	-----	1.43	12.71	1.00	1.00	12		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
bis(2-Ethylhexyl)phthal	1	0	Avg	1.1758	1.4530	1.1353	1.1634	1.1220	1.1429	1.1396	1.1755	-----	1.19	12.71	1.00	1.00	9.1		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
Di-n-octylphthalate	1	0	Avg	1.8957	2.1283	1.7940	1.8661	1.7808	1.9416	1.9830	1.9586	-----	1.92	13.46	0.999	0.999	5.8	*(30)	50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
Benzo[b]fluoranthene	1	0	Avg	1.3674	1.6817	1.2733	1.3110	1.2824	1.2894	1.3072	1.3805	-----	1.36	13.88	0.998	0.999	9.9		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
Benzo[k]fluoranthene	1	0	Avg	1.2116	1.4796	1.2272	1.3210	1.2338	1.2487	1.2551	1.1414	-----	1.26	13.91	0.995	0.998	7.9		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
Benzo[a]pyrene	1	0	Avg	1.2710	1.4411	1.2175	1.2496	1.2437	1.2362	1.2515	1.2376	-----	1.27	14.23	1.00	1.00	5.6	*(30)	50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
Indeno[1,2,3-cd]pyrene	1	0	Avg	1.3531	1.6592	1.2739	1.2877	1.3450	1.2906	1.3148	1.2738	-----	1.35	15.58	0.999	1.00	9.5		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
Dibenzo[a,h]anthracene	1	0	Avg	1.0540	1.3420	1.0410	1.0374	1.0550	1.0171	1.0480	1.0267	-----	1.08	15.60	1.00	1.00	10		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
Benzo[g,h,i]perylene	1	0	Avg	1.1120	1.3894	1.0777	1.0705	1.1266	1.0618	1.0898	1.0611	-----	1.12	15.95	0.999	1.00	9.8		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	

Flags
a - failed the spcc criteria ** - ccc compound*
b - failed the ccc criteria *** - spcc compound*
c - failed the minimum correlation coeff criteria(if applicable)

Note: Avg Rsd: 9.23
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.

Form 6
Initial Calibration

Method: EPA 8270C

Instrument: GCMS_9

Level #:	Data File:	Cal Identifier:	Analysis Date/Time	Level #:	Data File:	Cal Identifier:	Analysis Date/Time
1	9M22189.	CAL BNA@50PPM	12/17/09 10:22	2	9M22196.	CAL BNA@2PPM	12/17/09 13:02
3	9M22197.	CAL BNA@10PPM	12/17/09 13:27	4	9M22194.	CAL BNA@20PPM	12/17/09 12:16
5	9M22193.	CAL BNA@80PPM	12/17/09 11:53	6	9M22192.	CAL BNA@120PPM	12/17/09 11:31
7	9M22191.	CAL BNA@160PPM	12/17/09 11:08	8	9M22190.	CAL BNA@196PPM	12/17/09 10:45

Compound	Col	Mr	Fit:	RF1	RF2	RF3	RF4	RF5	RF6	RF7	RF8	RF9	AvgRf	RT	Corr1	Corr2	%Rsd		Calibration Level Concentrations Lvl1	Lvl2	Lvl3	Lvl4	Lvl5	Lvl6	Lvl7	Lvl8	Lvl9
Pyridine	1	0	Avg	1.3541	1.2749	1.0920	1.3170	1.4429	1.4062	1.4477	1.4065	-----	1.34	2.82	0.999	0.999	8.8		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
N-Nitrosodimethylamin	1	0	Qua	0.8231	0.6631	0.7191	0.8073	0.8762	0.8535	0.8636	0.8504	-----	0.807	2.75	1.00	1.00	9.5		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
2-Fluorophenol	1	0	Avg	1.2287	1.2821	1.0382	1.1300	1.2774	1.2784	1.3298	1.3161	-----	1.24	4.47	0.999	1.00	8.2		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
Benzaldehyde	1	0	Qua	1.1623	1.4716	1.2795	1.3058	1.0535	0.6207	0.4791	0.4169	-----	0.974	5.30	0.854	0.992	42		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
Aniline	1	0	Avg	2.1121	2.1480	1.9732	2.0234	2.0718	2.0393	2.0813	2.0518	-----	2.06	5.40	1.00	1.00	2.6		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
Pentachloroethane	1	0	Avg	0.6082	0.7277	0.6372	0.6156	0.6383	0.6195	0.6379	0.6028	-----	0.636	5.44	0.998	0.999	6.2		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
bis(2-Chloroethyl)ether	1	0	Avg	1.3747	1.6474	1.2936	1.3043	1.3155	1.2928	1.3111	1.2948	-----	1.35	5.46	1.00	1.00	9.0		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
Phenol-d5	1	0	Avg	1.7360	1.7796	1.6219	1.7419	1.7116	1.7272	1.8356	1.8104	-----	1.75	5.37	0.999	0.999	3.8		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
Phenol	1	0	Avg	1.9575	2.2915	1.7889	1.7674	1.8657	1.8664	1.9479	1.9258	-----	1.93	5.38	0.999	1.00	8.5	*(30)	50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
2-Chlorophenol	1	0	Avg	1.4422	1.5631	1.3794	1.3866	1.4107	1.4025	1.4360	1.4359	-----	1.43	5.50	1.00	1.00	4.0		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
N-Decane	1	0	Avg	1.6956	2.0523	1.6624	1.6191	1.7764	1.6795	1.6889	1.6146	-----	1.72	5.55	0.998	0.999	8.2		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
1,3-Dichlorobenzene	1	0	Avg	1.4945	1.7019	1.5012	1.4890	1.4915	1.4555	1.4656	1.4366	-----	1.50	5.63	1.00	1.00	5.5		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
1,4-Dichlorobenzene	1	0	Avg	1.5394	2.0493	1.5042	1.4972	1.5827	1.5243	1.5359	1.4795	-----	1.59	5.69	0.999	1.00	12	*(30)	50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
1,2-Dichlorobenzene	1	0	Avg	1.4535	1.6953	1.4194	1.4407	1.4375	1.4092	1.4421	1.4045	-----	1.46	5.82	1.00	1.00	6.5		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
Benzyl alcohol	1	0	Avg	0.9754	0.8898	0.8959	0.9126	0.9078	0.9134	0.9603	0.9464	-----	0.925	5.80	0.999	0.999	3.4		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
bis(2-chloroisopropyl)et	1	0	Avg	2.1454	2.6551	2.1465	2.1459	2.0526	2.0425	2.1288	2.0719	-----	2.17	5.91	0.999	0.999	9.2		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
2-Methylphenol	1	0	Avg	1.3193	1.3969	1.2190	1.3254	1.2223	1.2421	1.3072	1.2746	-----	1.29	5.89	0.999	0.999	4.7		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
Acetophenone	1	0	Avg	2.3454	2.8931	2.3148	2.3434	2.2380	2.2083	2.2663	2.2366	-----	2.36	6.01	1.00	1.00	9.5		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
Hexachloroethane	1	0	Avg	0.6154	0.7074	0.6262	0.5932	0.6271	0.6073	0.6168	0.6216	-----	0.627	6.10	1.00	1.00	5.5		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
N-Nitroso-di-n-propyla	1	0	Avg	1.1619	1.4662	1.1247	1.1670	1.0925	1.0817	1.1237	1.1059	-----	1.17	6.01	0.999	0.999	11	**(0.050)	50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
3&4-Methylphenol	1	0	Avg	1.3964	1.5769	1.3551	1.4028	1.2917	1.3225	1.3489	1.3262	-----	1.38	6.02	1.00	1.00	6.4		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
Nitrobenzene-d5	1	0	Avg	0.1653	0.2158	0.1626	0.1627	0.1688	0.1674	0.1800	0.1732	-----	0.175	6.13	0.998	0.999	10		25.00	1.00	5.00	10.00	40.00	60.00	80.00	98.00	
Nitrobenzene	1	0	Avg	0.3844	0.4882	0.3726	0.3848	0.3874	0.3699	0.3850	0.3902	-----	0.395	6.15	0.999	1.00	9.7		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
Isophorone	1	0	Avg	0.7315	0.9621	0.7209	0.7373	0.7132	0.7020	0.7417	0.7502	-----	0.757	6.34	0.999	1.00	11		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
2-Nitrophenol	1	0	Avg	0.1863	0.1957	0.1752	0.1810	0.1878	0.1865	0.2001	0.2006	-----	0.189	6.40	0.998	1.00	4.8	*(30)	50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
2,4-Dimethylphenol	1	0	Avg	0.3753	0.4548	0.3436	0.3676	0.3662	0.3602	0.3853	0.3873	-----	0.380	6.43	0.998	0.999	6.8		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
Benzoic Acid	1	0	Qua	0.2231	0.1673	0.1078	0.1778	0.2378	0.2505	0.2578	0.2692	-----	0.211	6.50	0.998	1.00	26		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
bis(2-Chloroethoxy)met	1	0	Avg	0.4221	0.5165	0.4339	0.4232	0.4102	0.4101	0.4206	0.4303	-----	0.433	6.50	0.999	1.00	8.0		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
2,4-Dichlorophenol	1	0	Avg	0.2841	0.3406	0.2671	0.2742	0.2806	0.2807	0.2892	0.2940	-----	0.289	6.58	0.999	1.00	7.8	*(30)	50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
1,2,4-Trichlorobenzene	1	0	Avg	0.3086	0.3955	0.3163	0.3074	0.3152	0.3082	0.3186	0.3177	-----	0.323	6.65	1.00	1.00	9.1		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
Naphthalene	1	0	Avg	1.0425	1.3263	1.0669	1.0509	1.0313	1.0037	1.0392	1.0503	-----	1.08	6.71	0.999	1.00	9.5		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
4-Chloroaniline	1	0	Avg	0.4153	0.4275	0.3781	0.4210	0.3777	0.3617	0.3453	0.3347	-----	0.383	6.74	0.996	1.00	9.2		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
Hexachlorobutadiene	1	0	Avg	0.1494	0.1988	0.1610	0.1464	0.1530	0.1495	0.1488	0.1496	-----	0.157	6.80	1.00	1.00	11	*(30)	50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
Caprolactam	1	0	Avg	0.1354	0.1456	0.1158	0.1335	0.1320	0.1318	0.1346	0.1243	-----	0.132	7.02	0.997	0.998	6.6		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
4-Chloro-3-methylphen	1	0	Avg	0.3299	0.3650	0.3106	0.3030	0.3110	0.3040	0.3305	0.3394	-----	0.324	7.11	0.997	0.999	6.6	*(30)	50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
2-Methylnaphthalene	1	0	Avg	0.7251	0.9262	0.7251	0.7077	0.6889	0.6919	0.7171	0.7307	-----	0.739	7.23	0.999	1.00	10		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
Methylnaphthalenes (T	1	0	Avg	0.7251	0.9262	0.7251	0.7077	0.6889	0.6919	0.7171	0.7307	-----	0.739	7.23	0.999	1.00	10		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
1,1'-Biphenyl	1	0	Avg	1.0406	1.2355	1.0510	1.0651	1.0010	0.9699	1.0187	1.0461	-----	1.05	7.60	0.998	0.999	7.6		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
1,2,4,5-Tetrachloroben	1	0	Avg	0.6189	0.7354	0.6145	0.6174	0.6051	0.5996	0.6150	0.5987	-----	0.626	7.37	1.00	1.00	7.2		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
Hexachlorocyclopentac	1	0	Qua	0.1994	0.0801	0.1269	0.1771	0.2321	0.2412	0.2633	0.2553	-----	0.197	7.36	0.997	0.998	33	**(0.050)	50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
2,4,6-Trichlorophenol	1	0	Avg	0.3230	0.3977	0.3165	0.3290	0.3208	0.3309	0.3462	0.3344	-----	0.337	7.45	0.999	0.999	7.7	*(30)	50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	

Flags	
a - failed the spcc criteria	** - ccc compound*
b - failed the ccc criteria	*** - spcc compound*
c - failed the minimum correlation coeff criteria(if applicable)	

Avg Rsd: 9.38

Note:

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.

Method: EPA 8270C

Form 6
Initial Calibration

Instrument: GCMS_9

Level #:	Data File:	Cal Identifier:	Analysis Date/Time	Level #:	Data File:	Cal Identifier:	Analysis Date/Time
1	9M22189.	CAL BNA@50PPM	12/17/09 10:22	2	9M22196.	CAL BNA@2PPM	12/17/09 13:02
3	9M22197.	CAL BNA@10PPM	12/17/09 13:27	4	9M22194.	CAL BNA@20PPM	12/17/09 12:16
5	9M22193.	CAL BNA@80PPM	12/17/09 11:53	6	9M22192.	CAL BNA@120PPM	12/17/09 11:31
7	9M22191.	CAL BNA@160PPM	12/17/09 11:08	8	9M22190.	CAL BNA@196PPM	12/17/09 10:45

Compound	Col	Mr	Fit:	RF1	RF2	RF3	RF4	RF5	RF6	RF7	RF8	RF9	AvgRf	RT	Corr1	Corr2	%Rsd		Calibration Level Concentrations Lvl1	Lvl2	Lvl3	Lvl4	Lvl5	Lvl6	Lvl7	Lvl8	Lvl9
2,4,5-Trichlorophenol	1	0	Avg	0.3686	0.4199	0.3537	0.3592	0.3506	0.3483	0.3779	0.3645	-----	0.368	7.49	0.998	0.998	6.3		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
2-Fluorobiphenyl	1	0	Avg	1.3778	1.7486	1.3634	1.3415	1.2986	1.2954	1.3583	1.2920	-----	1.38	7.52	0.999	0.999	11		25.00	1.00	5.00	10.00	40.00	60.00	80.00	98.00	
2-Chloronaphthalene	1	0	Avg	1.1486	1.4746	1.2091	1.1638	1.1517	1.1180	1.1716	1.1374	-----	1.20	7.63	0.999	0.999	9.6		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
1,4-Dimethylnaphthalei	1	0	Avg	1.2604	1.6342	1.2972	1.2604	1.2204	1.2005	1.2445	1.1940	-----	1.29	7.91	0.999	0.999	11		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
Dimethylnaphthalenes	1	0	Avg	1.2604	1.6342	1.2972	1.2604	1.2204	1.2005	1.2445	1.1940	-----	1.29	7.91	0.999	0.999	11		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
Diphenyl Ether	1	0	Avg	0.9420	1.1929	0.9631	0.9774	0.9195	0.9114	0.9454	0.9266	-----	0.972	7.69	1.00	1.00	9.4		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
2-Nitroaniline	1	0	Avg	0.5272	0.5843	0.4996	0.5178	0.5174	0.5118	0.5337	0.5151	-----	0.526	7.71	0.999	0.999	4.9		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
Acenaphthylene	1	0	Avg	1.9802	2.5972	1.9785	1.9814	1.9077	1.8976	1.9701	1.9042	-----	2.03	7.98	0.999	0.999	12		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
Dimethylphthalate	1	0	Avg	1.3858	1.6460	1.3978	1.3926	1.3183	1.2999	1.3920	1.3434	-----	1.40	7.85	0.999	0.999	7.7		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
2,6-Dinitrotoluene	1	0	Avg	0.3077	0.3892	0.2913	0.3005	0.3021	0.2952	0.3082	0.2968	-----	0.311	7.91	0.999	0.999	10		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
Acenaphthene	1	0	Avg	1.2411	1.6512	1.2198	1.2607	1.1842	1.2056	1.2509	1.2163	-----	1.28	8.13	0.999	0.999	12	*(30)	50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
3-Nitroaniline	1	0	Avg	0.3436	0.3276	0.3359	0.3459	0.3187	0.3222	0.3107	0.2951	-----	0.325	8.06	0.997	1.00	5.3		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
2,4-Dinitrophenol	1	0	Qua	0.1448	-----	0.0674	0.1141	0.1545	0.1600	0.1777	0.1780	-----	0.142	8.15	0.997	0.999	28	**(0.050)	50.00		10.00	20.00	80.00	120.0	160.0	196.0	
Dibenzofuran	1	0	Avg	1.6731	2.1734	1.6532	1.6606	1.5855	1.5945	1.6433	1.6084	-----	1.70	8.29	1.00	1.00	11		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
2,4-Dinitrotoluene	1	0	Avg	0.4348	0.5039	0.3757	0.4050	0.4166	0.4177	0.4409	0.4120	-----	0.426	8.27	0.998	0.998	8.7		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
4-Nitrophenol	1	0	Avg	0.2816	0.2765	0.2700	0.2818	0.2718	0.2637	0.2831	0.2746	-----	0.275	8.19	0.999	0.999	2.5	**(0.050)	50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
2,3,4,6-Tetrachlorophe	1	0	Avg	0.2659	0.3090	0.2358	0.2679	0.2751	0.2734	0.2981	0.2852	-----	0.276	8.40	0.998	0.998	8.0		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
Fluorene	1	0	Avg	1.3982	1.7401	1.3769	1.4108	1.3307	1.3348	1.3817	1.3422	-----	1.41	8.61	1.00	1.00	9.5		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
4-Chlorophenyl-phenyl	1	0	Avg	0.6117	0.8194	0.5987	0.5996	0.5788	0.5715	0.5842	0.5835	-----	0.618	8.60	1.00	1.00	13		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
Diethylphthalate	1	0	Avg	1.4766	1.9621	1.5459	1.4974	1.4309	1.4054	1.4655	1.4143	-----	1.52	8.48	0.999	0.999	12		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
4-Nitroaniline	1	0	Avg	0.3782	0.4124	0.3797	0.3711	0.3706	0.3669	0.3836	0.3662	-----	0.379	8.62	0.999	0.999	4.0		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
Atrazine	1	0	Avg	0.4404	0.5511	0.4502	0.4180	0.4137	0.4203	0.4238	0.4093	-----	0.441	9.25	0.999	1.00	11		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
4,6-Dinitro-2-methylphe	1	0	Avg	0.1297	-----	0.0864	0.1181	0.1272	0.1321	0.1413	0.1401	-----	0.125	8.65	0.998	0.999	15		50.00		10.00	20.00	80.00	120.0	160.0	196.0	
n-Nitrosodiphenylamine	1	0	Avg	0.7367	0.9149	0.7061	0.7463	0.7075	0.6795	0.7165	0.7124	-----	0.740	8.71	0.999	0.999	9.9	*(30)	50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
2,4,6-Tribromophenol	1	0	Avg	0.0806	0.0714	0.0743	0.0751	0.0760	0.0760	0.0809	0.0813	-----	0.0770	8.84	0.999	0.999	4.7		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
1,2-Diphenylhydrazine	1	0	Avg	0.9729	1.2084	0.9771	0.9809	0.9426	0.9150	0.9537	0.9568	-----	0.988	8.75	0.999	1.00	9.2		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
4-Bromophenyl-phenyl	1	0	Avg	0.1950	0.1961	0.2015	0.1958	0.1840	0.1861	0.1917	0.1956	-----	0.193	9.09	0.999	1.00	3.0		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
Hexachlorobenzene	1	0	Avg	0.1874	0.2173	0.1931	0.1795	0.1823	0.1795	0.1866	0.1828	-----	0.189	9.15	1.00	1.00	6.6		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
N-Octadecane	1	0	Avg	0.6900	0.7461	0.6591	0.6761	0.6737	0.6557	0.6837	0.6914	-----	0.685	9.43	0.999	1.00	4.1		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
Pentachlorophenol	1	0	Qua	0.1037	-----	0.0586	0.0891	0.1045	0.1084	0.1179	0.1214	-----	0.101	9.35	0.997	0.999	21	*(30)	50.00		10.00	20.00	80.00	120.0	160.0	196.0	
Phenanthrene	1	0	Avg	1.2018	1.4597	1.1992	1.2338	1.1545	1.1531	1.1912	1.1735	-----	1.22	9.58	1.00	1.00	8.2		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
Anthracene	1	0	Avg	1.2555	1.6526	1.2204	1.2444	1.1974	1.1837	1.2152	1.1968	-----	1.27	9.64	1.00	1.00	12		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
Carbazole	1	0	Avg	1.2313	1.5449	1.1930	1.2394	1.1586	1.1643	1.1910	1.1825	-----	1.24	9.81	1.00	1.00	10		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
Di-n-butylphthalate	1	0	Avg	1.6220	1.9770	1.5705	1.5742	1.5562	1.5345	1.5739	1.5838	-----	1.62	10.19	1.00	1.00	8.9		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
Fluoranthene	1	0	Avg	1.2799	1.5049	1.2236	1.2456	1.2215	1.2145	1.2478	1.2491	-----	1.27	10.91	1.00	1.00	7.5	*(30)	50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
Pyrene	1	0	Avg	1.6833	1.9908	1.6282	1.6513	1.6193	1.6031	1.6864	1.7162	-----	1.70	11.18	0.999	1.00	7.3		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
Benzidine	1	0	Qua	0.6243	0.5546	0.5847	0.6548	0.5451	0.3844	0.3019	-----	-----	0.521	11.06	0.908	0.996	25		50.00	2.00	10.00	20.00	80.00	120.0	160.0		
Terphenyl-d14	1	0	Avg	1.0468	1.2896	1.0328	1.0161	1.0046	0.9995	1.0607	1.1020	-----	1.07	11.36	0.997	0.999	8.9		25.00	1.00	5.00	10.00	40.00	60.00	80.00	96.00	
p,p'-DDE	1	0	Avg	0.3208	0.3340	0.3170	0.3097	0.3029	0.3091	0.3219	0.3319	-----	0.318	11.30	0.998	1.00	3.5		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
Endrin	1	0	Avg	0.1197	0.1470	0.1118	0.1160	0.1137	0.1136	0.1216	0.1224	-----	0.121	11.62	0.998	0.999	9.4		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
p,p'-DDD	1	0	Avg	0.5627	0.6631	0.5280	0.5703	0.5606	0.5581	0.5770	0.5851	-----	0.576	11.70	0.999	1.00	6.8		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	

Flags
a - failed the spcc criteria ** - ccc compound*
b - failed the ccc criteria *** - spcc compound*
c - failed the minimum correlation coeff criteria(if applicable)

Note: Avg Rsd: 9.38
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.

Form 6
Initial Calibration

Method: EPA 8270C

Instrument: GCMS_9

Level #:	Data File:	Cal Identifier:	Analysis Date/Time	Level #:	Data File:	Cal Identifier:	Analysis Date/Time
1	9M22189.	CAL BNA@50PPM	12/17/09 10:22	2	9M22196.	CAL BNA@2PPM	12/17/09 13:02
3	9M22197.	CAL BNA@10PPM	12/17/09 13:27	4	9M22194.	CAL BNA@20PPM	12/17/09 12:16
5	9M22193.	CAL BNA@80PPM	12/17/09 11:53	6	9M22192.	CAL BNA@120PPM	12/17/09 11:31
7	9M22191.	CAL BNA@160PPM	12/17/09 11:08	8	9M22190.	CAL BNA@196PPM	12/17/09 10:45

Compound	Col	Mr	Fit:	RF1	RF2	RF3	RF4	RF5	RF6	RF7	RF8	RF9	AvgRf	RT	Corr1	Corr2	%Rsd		Calibration Level Concentrations Lvl1	Lvl2	Lvl3	Lvl4	Lvl5	Lvl6	Lvl7	Lvl8	Lvl9
Butylbenzylphthalate	1	0	Avg	0.9071	1.0948	0.8697	0.8821	0.8952	0.9024	0.9327	0.9461	-----	0.929	11.95	0.999	1.00	7.7		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
Endrin aldehyde	1	0	Avg	0.0415	-----	0.0469	0.0381	0.0405	0.0408	0.0415	0.0444	-----	0.0420	11.62	0.996	0.999	6.9		50.00		10.00	20.00	80.00	120.0	160.0	196.0	
p,p'-DDT	1	0	Avg	0.5045	0.5409	0.4772	0.4936	0.4930	0.4928	0.5103	0.5193	-----	0.504	12.05	0.999	1.00	3.9		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
Endrin ketone	1	0	Avg	0.0581	0.0518	0.0628	0.0602	0.0599	0.0577	0.0595	0.0590	-----	0.0587	12.54	1.00	1.00	5.4		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
3,3'-Dichlorobenzidine	1	0	Qua	0.4333	0.4970	0.4293	0.4444	0.4207	0.3635	0.3453	0.3489	-----	0.410	12.57	0.990	0.998	13		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
Benzo(a)anthracene	1	0	Avg	1.4456	1.7295	1.3870	1.3963	1.3818	1.4038	1.4133	1.4282	-----	1.45	12.60	1.00	1.00	8.0		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
Chrysene	1	0	Avg	1.3679	1.5893	1.3551	1.3201	1.3188	1.2992	1.3200	1.3126	-----	1.36	12.64	1.00	1.00	7.0		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
bis(2-Ethylhexyl)phthal	1	0	Avg	1.3238	1.5839	1.2808	1.3012	1.2700	1.2577	1.2642	1.2739	-----	1.32	12.65	1.00	1.00	8.3		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
Di-n-octylphthalate	1	0	Avg	2.1959	2.3835	2.0766	2.0925	2.1454	2.1425	2.2489	2.3087	-----	2.20	13.40	0.998	1.00	4.9	*(30)	50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
Benzo(b)fluoranthene	1	0	Avg	1.3216	1.4573	1.3039	1.2832	1.2581	1.3124	1.3734	1.3225	-----	1.33	13.81	0.999	0.999	4.6		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
Benzo(k)fluoranthene	1	0	Avg	1.2339	1.4959	1.2316	1.1850	1.2348	1.1570	1.1576	1.2199	-----	1.24	13.85	0.998	0.998	8.8		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
Benzo(a)pyrene	1	0	Avg	1.2202	1.4647	1.1785	1.1943	1.1929	1.1898	1.2233	1.2140	-----	1.23	14.16	1.00	1.00	7.6	*(30)	50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
Indeno(1,2,3-cd)pyrene	1	0	Avg	1.2146	1.5013	1.1828	1.1928	1.2247	1.2198	1.2113	1.2304	-----	1.25	15.48	1.00	1.00	8.3		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
Dibenzo(a,h)anthracene	1	0	Avg	1.0185	1.1602	0.9919	0.9692	1.0117	1.0030	0.9990	1.0150	-----	1.02	15.50	1.00	1.00	5.7		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
Benzo(g,h,i)perylene	1	0	Avg	0.9995	1.3089	0.9783	0.9523	1.0090	0.9940	0.9996	1.0163	-----	1.03	15.85	1.00	1.00	11		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	

Flags

a - failed the spcc criteria * - ccc compound
b - failed the ccc criteria ** - spcc compound
c - failed the minimum correlation coeff criteria(if applicable)

Avg Rsd: 9.38

Note:

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.

Form7

Continuing Calibration

Calibration Name: CAL BNA@50PPM **Data File:** 5M54231.D **Instrument:** GCMS 5

Cont Calibration Date/Time 12/10/2009 8:33:00 Method: EPA 8270C

TxtCompd:	Col#	Multi Num	Type	RT	Conc	Conc Exp	Lo Lim	Hi Lim	Initial RF	RF	%Diff	Flag
1,4-Dichlorobenzene-d4	1	0	I	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	1	0		2.23	48.26	50			1.075	1.070	3.48	
2-Fluorophenol	1	0	S	4.09	46.70	50			1.516	1.446	6.60	
Benzaldehyde	1	0		4.95	29.84	50			1.580	1.102	40.32	
Aniline	1	0		5.05	50.25	50			2.640	2.653	0.50	
Pentachloroethane	1	0		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			2.309	2.193	5.02	
Phenol	1	0	CC	5.05	51.10	50	20		2.445	2.499	2.20	
2-Chlorophenol	1	0		5.15	51.11	50			1.479	1.512	2.22	
N-Decane	1	0		5.21	51.31	50			2.724	2.795	2.62	
1,3-Dichlorobenzene	1	0		5.28	49.21	50			1.519	1.495	1.58	
1,4-Dichlorobenzene	1	0	CC	5.35	49.38	50	20		1.597	1.577	1.24	
1,2-Dichlorobenzene	1	0		5.48	49.79	50			1.457	1.451	0.42	
Benzyl alcohol	1	0		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	1	0		5.57	50.37	50			1.482	1.493	0.74	
Acetophenone	1	0		5.68	49.71	50			2.591	2.576	0.58	
Hexachloroethane	1	0		5.75	52.55	50			0.647	0.680	5.10	
N-Nitroso-di-n-propylamine	1	0	CP	5.68	50.96	50	0.05		1.345	1.371	1.92	
3&4-Methylphenol	1	0		5.70	51.37	50			1.469	1.509	2.74	
Naphthalene-d8	1	0	I	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	1	0		5.81	50.51	50			0.515	0.520	1.02	
Isophorone	1	0		6.01	51.12	50			0.910	0.930	2.24	
2-Nitrophenol	1	0	CC	6.07	52.36	50	20		0.189	0.198	4.72	
2,4-Dimethylphenol	1	0		6.11	51.05	50			0.435	0.445	2.10	
Benzoic Acid	1	0		6.20	27.27	50			0.249	0.165	45.46	
bis(2-Chloroethoxy)methane	1	0		6.18	47.82	50			0.518	0.495	4.36	
2,4-Dichlorophenol	1	0	CC	6.26	51.46	50	20		0.294	0.302	2.92	
1,2,4-Trichlorobenzene	1	0		6.32	50.95	50			0.334	0.340	1.90	
Naphthalene	1	0		6.37	49.40	50			1.082	1.069	1.20	
4-Chloroaniline	1	0		6.42	55.17	50			0.396	0.436	10.34	
Hexachlorobutadiene	1	0	CC	6.46	53.81	50	20		0.181	0.195	7.62	
Caprolactam	1	0		6.68	50.53	50			0.140	0.142	1.06	
4-Chloro-3-methylphenol	1	0	CC	6.79	51.26	50	20		0.375	0.385	2.52	
2-Methylnaphthalene	1	0		6.89	50.15	50			0.717	0.719	0.30	
Methylnaphthalenes	1	0		6.89	50.15	50	20			0.719	0.30	
1,1'-Biphenyl	1	0		7.26	50.65	50			1.011	1.024	1.30	
Acenaphthene-d10	1	0	I	7.73	40.00	40				0.000	0.00	
1,2,4,5-Tetrachlorobenzene	1	0		7.02	53.14	50			0.650	0.691	6.28	
Hexachlorocyclopentadiene	1	0	CP	7.01	50.83	50	0.05		0.218	0.210	1.66	
2,4,6-Trichlorophenol	1	0	CC	7.11	52.45	50	20		0.358	0.375	4.90	
2,4,5-Trichlorophenol	1	0		7.15	53.21	50			0.388	0.413	6.42	
2-Fluorobiphenyl	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	0		7.54	51.85	50			1.157	1.200	3.70	
Dimethylnaphthalenes	1	0		7.54	51.85	50	20			1.200	3.70	
Diphenyl Ether	1	0		7.34	50.00	50			0.940	0.940	0.00	
2-Nitroaniline	1	0		7.36	59.27	50			0.581	0.688	18.54	
Acenaphthylene	1	0		7.61	50.37	50			1.807	1.821	0.74	
Dimethylphthalate	1	0		7.50	52.52	50			1.365	1.434	5.04	
2,6-Dinitrotoluene	1	0		7.55	52.40	50			0.290	0.303	4.80	
Acenaphthene	1	0	CC	7.76	50.17	50	20		1.131	1.135	0.34	
3-Nitroaniline	1	0		7.70	56.56	50			0.308	0.349	13.12	
2,4-Dinitrophenol	1	0	CP	7.79	52.62	50	0.05		0.134	0.133	5.24	
Dibenzofuran	1	0		7.91	49.86	50			1.654	1.649	0.28	
2,4-Dinitrotoluene	1	0		7.90	52.27	50			0.411	0.430	4.54	
4-Nitrophenol	1	0	CP	7.84	46.44	50	0.05		0.304	0.326	7.12	
2,3,4,6-Tetrachlorophenol	1	0		8.02	51.24	50			0.296	0.303	2.48	
Fluorene	1	0		8.22	51.54	50			1.389	1.431	3.08	
4-Chlorophenyl-phenylether	1	0		8.22	52.22	50			0.656	0.685	4.44	
Diethylphthalate	1	0		8.11	51.93	50			1.401	1.455	3.86	
4-Nitroaniline	1	0		8.24	53.75	50			0.345	0.370	7.50	
Atrazine	1	0		8.85	52.87	50			0.442	0.467	5.74	
Phenanthrene-d10	1	0	I	9.15	40.00	40				0.000	0.00	
4,6-Dinitro-2-methylphenol	1	0		8.28	50.48	50			0.136	0.137	0.96	
n-Nitrosodiphenylamine	1	0	CC	8.33	51.53	50	20		0.684	0.705	3.06	
2,4,6-Tribromophenol	1	0	S	8.45	55.17	50			0.074	0.081	10.34	

CC - Continuing Calibration Check Compound CP - System Performance Check Compound I - Internal Standard

N/O or N/O - Not applicable for this run * - Failed the C or P Criteria ** - No limit specified in method

Note:

8260/8270 limits are compared against the %DIFF/R.F. **625 limits are compared against the %DIFF.**

624 limits are compared against the concentration found. **524.2 limits are compared against the %DIFF**

Form7

Continuing Calibration

Calibration Name: CAL BNA@50PPM **Data File:** 5M54231.D **Instrument:** GCMS 5

Cont Calibration Date/Time 12/10/2009 8:33:00 Method: EPA 8270C

TxtCompd:	Col#	Multi Num	Type	RT	Conc	Conc Exp	Lo Lim	Hi Lim	Initial RF	RF	%Diff	Flag
1,2-Diphenylhydrazine	1	0		8.37	52.02	50			1.063	1.106	4.04	
4-Bromophenyl-phenylether	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-butylphthalate	1	0		9.79	52.25	50			1.418	1.482	4.50	
Fluoranthene	1	0	CC	10.48	50.39	50	20		1.376	1.387	0.78	
Chrysene-d12	1	0	I	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				0.329			
Endrin	1	0		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 aldehyde	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	46.62	50			0.406	0.434	2.76	
Benzo[a]anthracene	1	0		12.16	49.34	50			1.519	1.499	1.32	
Chrysene	1	0		12.20	48.44	50			1.416	1.372	3.12	
bis(2-Ethylhexyl)phthalate	1	0		12.24	51.55	50			0.950	0.979	3.10	
Perylene-d12	1	0	I	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	
Benzo[k]fluoranthene	1	0		13.40	53.17	50			1.304	1.386	6.34	
Benzo[a]pyrene	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	
Dibenzo[a,h]anthracene	1	0		14.91	53.00	50			1.078	1.142	6.00	
Benzo[g,h,i]perylene	1	0		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				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	
Methylnaphthalenes (Total)	1	100		0.00	0.00	50			0.717	0.000	100.00	
Toluene Diisocyanate	1	100		0.00	0.00	50				0.000	100.00	
Diaminotoluene Dihydrochloride	1	100		0.00	0.00	50				0.000	100.00	

CC - Continuing Calibration Check Compound CP - System Performance Check Compound I - Internal Standard

N/O or N/O - Not applicable for this run * - Failed the C or P Criteria ** - No limit specified in method

Note:

8260/8270 limits are compared against the %DIFF/R.F. **625 limits are compared against the %DIFF.**

624 limits are compared against the concentration found. **524.2 limits are compared against the %DIFF**

Form7

Continuing Calibration

Calibration Name: CAL BNA@50PPM **Data File:** 9M22090.D **Instrument:** GCMS 9

Cont Calibration Date/Time 12/10/2009 9:40:00 Method: EPA 8270C

TxtCompd:	Col#	Multi Num	Type	RT	Conc	Conc Exp	Lo Lim	Hi Lim	Initial RF	RF	%Diff	Flag
1,4-Dichlorobenzene-d4	1	0	I	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	43.44	50			0.773	0.672	13.12	
2-Fluorophenol	1	0	S	4.51	49.34	50			1.243	1.227	1.32	
Benzaldehyde	1	0		5.34	20.49	50			1.171	0.558	59.02	
Aniline	1	0		5.43	52.02	50			2.047	2.130	4.04	
Pentachloroethane	1	0		5.48	51.00	50			0.596	0.608	2.00	
bis(2-Chloroethyl)ether	1	0		5.49	49.88	50			1.288	1.285	0.24	
Phenol-d5	1	0	S	5.41	49.60	50			1.745	1.731	0.80	
Phenol	1	0	CC	5.42	50.78	50	20		1.842	1.870	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			1.474	1.544	4.74	
Benzyl alcohol	1	0		5.84	48.83	50			0.976	0.953	2.34	
bis(2-chloroisopropyl)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	1	0		6.13	51.59	50			0.608	0.627	3.18	
N-Nitroso-di-n-propylamine	1	0	CP	6.05	45.48	50	0.05		1.150	1.046	9.04	
3&4-Methylphenol	1	0		6.05	50.51	50			1.408	1.423	1.02	
Naphthalene-d8	1	0	I	6.73	40.00	40				0.000	0.00	
Nitrobenzene-d5	1	0	S	6.17	23.12	25			0.180	0.166	7.52	
Nitrobenzene	1	0		6.18	41.10	50			0.402	0.330	17.80	
Isophorone	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	1	0		6.54	47.20	50			0.408	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	1	0		6.68	48.25	50			0.345	0.332	3.50	
Naphthalene	1	0		6.74	47.91	50			1.090	1.044	4.18	
4-Chloroaniline	1	0		6.78	52.57	50			0.403	0.424	5.14	
Hexachlorobutadiene	1	0	CC	6.83	48.48	50	20		0.179	0.174	3.04	
Caprolactam	1	0		7.05	51.67	50			0.134	0.138	3.34	
4-Chloro-3-methylphenol	1	0	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'-Biphenyl	1	0		7.65	47.64	50			1.099	1.048	4.72	
Acenaphthene-d10	1	0	I	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	1	0	CC	7.49	46.05	50	20		0.385	0.354	7.90	
2,4,5-Trichlorophenol	1	0		7.53	45.05	50			0.408	0.368	9.90	
2-Fluorobiphenyl	1	0	S	7.56	23.68	25			1.396	1.322	5.28	
2-Chloronaphthalene	1	0		7.67	48.54	50			1.195	1.161	2.92	
1,4-Dimethylnaphthalene	1	0		7.95	48.58	50			1.262	1.226	2.84	
Dimethylnaphthalenes	1	0		7.95	48.58	50	20			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	
Dimethylphthalate	1	0		7.89	49.31	50			1.428	1.408	1.38	
2,6-Dinitrotoluene	1	0		7.95	51.15	50			0.316	0.323	2.30	
Acenaphthene	1	0	CC	8.18	49.68	50	20		1.257	1.249	0.64	
3-Nitroaniline	1	0		8.10	57.62	50			0.303	0.350	15.24	
2,4-Dinitrophenol	1	0	CP	8.19	37.18	50	0.05		0.189	0.148	25.64	
Dibenzofuran	1	0		8.33	48.04	50			1.704	1.637	3.92	
2,4-Dinitrotoluene	1	0		8.31	49.48	50			0.429	0.424	1.04	
4-Nitrophenol	1	0	CP	8.23	41.03	50	0.05		0.276	0.227	17.94	
2,3,4,6-Tetrachlorophenol	1	0		8.44	47.84	50			0.324	0.310	4.32	
Fluorene	1	0		8.65	48.52	50			1.433	1.390	2.96	
4-Chlorophenyl-phenylether	1	0		8.64	50.19	50			0.645	0.648	0.38	
Diethylphthalate	1	0		8.53	47.58	50			1.521	1.447	4.84	
4-Nitroaniline	1	0		8.66	51.63	50			0.369	0.381	3.26	
Atrazine	1	0		9.28	49.95	50			0.465	0.464	0.10	
Phenanthrene-d10	1	0	I	9.61	40.00	40				0.000	0.00	
4,6-Dinitro-2-methylphenol	1	0		8.69	47.63	50			0.142	0.136	4.74	
n-Nitrosodiphenylamine	1	0	CC	8.76	50.15	50	20		0.732	0.734	0.30	
2,4,6-Tribromophenol	1	0	S	8.88	45.66	50			0.073	0.066	8.68	

CC - Continuing Calibration Check Compound CP - System Performance Check Compound I - Internal Standard

N/O or N/O - Not applicable for this run * - Failed the C or P Criteria ** - No limit specified in method

Note:

8260/8270 limits are compared against the %DIFF/R.F. **625 limits are compared against the %DIFF.**

624 limits are compared against the concentration found. **524.2 limits are compared against the %DIFF**

Form7

Continuing Calibration

Calibration Name: CAL BNA@50PPM **Data File:** 9M22090.D **Instrument:** GCMS 9

Cont Calibration Date/Time 12/10/2009 9:40:00 Method: EPA 8270C

TxtCompd:	Col#	Multi Num	Type	RT	Conc	Conc Exp	Lo Lim	Hi Lim	Initial RF	RF	%Diff	Flag
1,2-Diphenylhydrazine	1	0		8.80	46.13	50			0.895	0.826	7.74	
4-Bromophenyl-phenylether	1	0		9.13	48.47	50			0.217	0.210	3.06	
Hexachlorobenzene	1	0		9.20	45.82	50			0.194	0.177	8.36	
N-Octadecane	1	0		9.47	44.87	50			0.571	0.513	10.26	
Pentachlorophenol	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	0		9.86	52.69	50			1.189	1.253	5.38	
Di-n-butylphthalate	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	I	12.67	40.00	40				0.000	0.00	
Pyrene	1	0		11.23	49.64	50			1.643	1.632	0.72	
Benzidine	1	0		11.11	25.99	50			0.557	0.367	48.02	
Terphenyl-d14	1	0	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	0		11.75	47.44				0.607			
Butylbenzylphthalate	1	0		12.00	47.75	50			0.867	0.828	4.50	
Endrin aldehyde	1	0		11.68	42.72				0.035			
p,p'-DDT	1	0		12.10	47.66				0.541			
Endrin ketone	1	0		12.58	44.90				0.053			
3,3'-Dichlorobenzidine	1	0		12.62	42.34	50			0.432	0.400	15.32	
Benzo[a]anthracene	1	0		12.65	51.88	50			1.460	1.515	3.76	
Chrysene	1	0		12.69	54.07	50			1.346	1.456	8.14	
bis(2-Ethylhexyl)phthalate	1	0		12.70	48.14	50			1.259	1.212	3.72	
Perylene-d12	1	0	I	14.28	40.00	40				0.000	0.00	
Di-n-octylphthalate	1	0	CC	13.45	46.86	50	20		2.101	1.969	6.28	
Benzo[b]fluoranthene	1	0		13.87	46.71	50			1.401	1.308	6.58	
Benzo[k]fluoranthene	1	0		13.90	50.73	50			1.288	1.306	1.46	
Benzo[a]pyrene	1	0	CC	14.22	49.78	50	20		1.278	1.272	0.44	
Indeno[1,2,3-cd]pyrene	1	0		15.56	50.28	50			1.261	1.268	0.56	
Dibenzo[a,h]anthracene	1	0		15.58	47.80	50			1.049	1.003	4.40	
Benzo[g,h,i]perylene	1	0		15.93	50.22	50			1.030	1.035	0.44	
4-Methylphenol	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	
2,2'-oxybis-(1-Chloropropane)	1	100		0.00	0.00	50				0.000	100.00	
Dimethylnaphthalenes (Total)	1	100		0.00	0.00	50			1.262	0.000	100.00	
gamma-BHC	1	100		0.00	0.00	10				0.000	100.00	
Methylnaphthalenes (Total)	1	100		0.00	0.00	50			0.758	0.000	100.00	
Methoxychlor	1	100		0.00	0.00	10				0.000	100.00	
Diaminotoluene Dihydrochloride	1	100		0.00	0.00	50				0.000	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	
Toluene Diisocyanate	1	100		0.00	0.00	50				0.000	100.00	

CC - Continuing Calibration Check Compound CP - System Performance Check Compound I - Internal Standard

N/O or N/O - Not applicable for this run * - Failed the C or P Criteria ** - No limit specified in method

Note:

8260/8270 limits are compared against the %DIFF/R.F. **625 limits are compared against the %DIFF.**

624 limits are compared against the concentration found. **524.2 limits are compared against the %DIFF**

Form7

Continuing Calibration

Calibration Name: CAL BNA@50PPM **Data File:** 10M09059.D **Instrument:** GCMS 10

Cont Calibration Date/Time 12/16/2009 9:44:00 Method: EPA 8270C

TxtCompd:	Col#	Multi Num	Type	RT	Conc	Conc Exp	Lo Lim	Hi Lim	Initial RF	RF	%Diff	Flag
1.4-Dichlorobenzene-d4	1	0	I	5.21	40.00	40				0.000	0.00	
Pyridine	1	0		2.11	54.17	50			1.257	1.362	8.34	
N-Nitrosodimethylamine	1	0		2.06	51.42	50			0.710	0.731	2.84	
2-Fluorophenol	1	0	S	3.94	51.45	50			1.113	1.145	2.90	
Benzaldehyde	1	0		4.82	42.92	50			1.137	0.926	14.16	
Aniline	1	0		4.92	57.34	50			1.613	1.882	14.68	
Pentachloroethane	1	0		4.96	49.91	50			0.590	0.589	0.18	
bis(2-Chloroethyl)ether	1	0		4.99	48.16	50			1.166	1.123	3.68	
Phenol-d5	1	0	S	4.92	49.58	50			1.614	1.601	0.84	
Phenol	1	0	CC	4.93	48.53	50	20		1.790	1.737	2.94	
2-Chlorophenol	1	0		5.02	49.00	50			1.358	1.331	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	1.436	3.90	
1.4-Dichlorobenzene	1	0	CC	5.22	48.61	50	20		1.559	1.516	2.78	
1.2-Dichlorobenzene	1	0		5.35	47.63	50			1.475	1.406	4.74	
Benzyl alcohol	1	0		5.34	49.13	50			0.863	0.848	1.74	
bis(2-chloroisopropyl)ether	1	0		5.45	47.77	50			1.203	1.149	4.46	
2-Methylphenol	1	0		5.44	47.70	50			1.246	1.189	4.60	
Acetophenone	1	0		5.55	47.77	50			2.263	2.162	4.46	
Hexachloroethane	1	0		5.62	49.15	50			0.581	0.571	1.70	
N-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		5.58	48.43	50			1.311	1.270	3.14	
Naphthalene-d8	1	0	I	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	
Nitrobenzene	1	0		5.69	47.53	50			0.369	0.351	4.94	
Isophorone	1	0		5.88	47.97	50			0.677	0.649	4.06	
2-Nitrophenol	1	0	CC	5.94	48.38	50	20		0.198	0.191	3.24	
2.4-Dimethylphenol	1	0		5.98	48.45	50			0.368	0.357	3.10	
Benzoic Acid	1	0		6.07	51.27	50			0.233	0.238	2.54	
bis(2-Chloroethoxy)methane	1	0		6.05	46.94	50			0.392	0.368	6.12	
2.4-Dichlorophenol	1	0	CC	6.13	48.91	50	20		0.312	0.306	2.18	
1.2.4-Trichlorobenzene	1	0		6.19	48.38	50			0.361	0.350	3.24	
Naphthalene	1	0		6.24	47.60	50			1.084	1.032	4.80	
4-Chloroaniline	1	0		6.29	58.60	50			0.318	0.418	17.20	
Hexachlorobutadiene	1	0	CC	6.33	48.58	50	20		0.210	0.204	2.84	
Caprolactam	1	0		6.56	47.83	50			0.127	0.122	4.34	
4-Chloro-3-methylphenol	1	0	CC	6.66	49.01	50	20		0.329	0.323	1.98	
2-Methylnaphthalene	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'-Biphenyl	1	0		7.11	47.30	50			1.107	1.047	5.40	
Acenaphthene-d10	1	0	I	7.57	40.00	40				0.000	0.00	
1.2.4.5-Tetrachlorobenzene	1	0		6.88	48.33	50			0.757	0.732	3.34	
Hexachlorocyclopentadiene	1	0	CP	6.87	44.85	50	0.05		0.085	0.056	10.30	
2.4.6-Trichlorophenol	1	0	CC	6.97	50.34	50	20		0.376	0.379	0.68	
2.4.5-Trichlorophenol	1	0		7.00	49.09	50			0.408	0.401	1.82	
2-Fluorobiphenyl	1	0	S	7.03	24.40	25			1.377	1.344	2.40	
2-Chloronaphthalene	1	0		7.13	48.05	50			1.192	1.146	3.90	
1.4-Dimethylnaphthalene	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			1.000	0.953	3.64	
2-Nitroaniline	1	0		7.21	57.64	50			0.362	0.417	15.28	
Acenaphthylene	1	0		7.45	47.87	50			1.981	1.897	4.26	
Dimethylphthalate	1	0		7.35	46.77	50			1.411	1.320	6.46	
2.6-Dinitrotoluene	1	0		7.40	46.81	50			0.325	0.304	6.38	
Acenaphthene	1	0	CC	7.60	47.96	50	20		1.263	1.211	4.08	
3-Nitroaniline	1	0		7.54	58.25	50			0.276	0.322	16.50	
2.4-Dinitrophenol	1	0	CP	7.64	56.12	50	0.05		0.129	0.135	12.24	
Dibenzofuran	1	0		7.75	47.44	50			1.780	1.689	5.12	
2.4-Dinitrotoluene	1	0		7.74	50.48	50			0.429	0.433	0.96	
4-Nitrophenol	1	0	CP	7.69	51.59	50	0.05		0.176	0.182	3.18	
2.3.4.6-Tetrachlorophenol	1	0		7.85	51.57	50			0.338	0.348	3.14	
Fluorene	1	0		8.05	48.45	50			1.484	1.438	3.10	
4-Chlorophenyl-phenylether	1	0		8.05	47.33	50			0.740	0.701	5.34	
Diethylphthalate	1	0		7.94	48.97	50			1.427	1.397	2.06	
4-Nitroaniline	1	0		8.07	52.70	50			0.333	0.351	5.40	
Atrazine	1	0		8.68	48.28	50			0.490	0.473	3.44	
Phenanthrene-d10	1	0	I	8.96	40.00	40				0.000	0.00	
4.6-Dinitro-2-methylphenol	1	0		8.11	51.23	50			0.136	0.137	2.46	
n-Nitrosodiphenylamine	1	0	CC	8.15	48.96	50	20		0.729	0.713	2.08	
2.4.6-Tribromophenol	1	0	S	8.27	51.20	50			0.116	0.119	2.40	

CC - Continuing Calibration Check Compound CP - System Performance Check Compound I - Internal Standard

N/O or N/O - Not applicable for this run * - Failed the C or P Criteria ** - No limit specified in method

Note:

8260/8270 limits are compared against the %DIFF/R.F.

624 limits are compared against the concentration found.

625 limits are compared against the %DIFF.

524.2 limits are compared against the %DIFF

Form7

Continuing Calibration

Calibration Name: CAL BNA@50PPM **Data File:** 10M09059.D **Instrument:** GCMS 10

Cont Calibration Date/Time 12/16/2009 9:44:00 Method: EPA 8270C

TxtCompd:	Col#	Multi Num	Type	RT	Conc	Conc Exp	Lo Lim	Hi Lim	Initial RF	RF	%Diff	Flag
1,2-Diphenylhydrazine	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	0		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			1.219	1.192	2.22	
Anthracene	1	0		9.04	48.69	50			1.242	1.210	2.62	
Carbazole	1	0		9.21	49.45	50			1.168	1.155	1.10	
Di-n-butylphthalate	1	0		9.60	50.17	50			1.399	1.404	0.34	
Fluoranthene	1	0	CC	10.28	49.86	50	20		1.357	1.353	0.28	
Chrysene-d12	1	0	I	11.96	40.00	40				0.000	0.00	
Pyrene	1	0		10.53	46.77	50			1.527	1.428	6.46	
Benzidine	1	0		10.45	54.91	50			0.396	0.473	9.82	
Terphenyl-d14	1	0	S	10.73	23.31	25			1.131	1.055	6.76	
4,4'-DDE	1	0		10.67	46.05				0.358			
Endrin	1	0		10.97	44.87	50			0.068	0.061	10.26	
4,4'-DDD	1	0		11.07	47.22				0.575			
Butylbenzylphthalate	1	0		11.33	46.97	50			0.658	0.618	6.06	
Endrin aldehyde	1	0		10.97	44.08				0.029			
4,4'-DDT	1	0		11.42	48.82				0.497			
Endrin ketone	1	0		11.87	49.91				0.074			
3,3'-Dichlorobenzidine	1	0		11.93	65.73	50			0.353	0.469	31.46	
Benzo[a]anthracene	1	0		11.95	49.02	50			1.472	1.443	1.96	
Chrysene	1	0		11.99	47.64	50			1.393	1.327	4.72	
bis(2-Ethylhexyl)phthalate	1	0		12.03	48.95	50			0.911	0.892	2.10	
Perylene-d12	1	0	I	13.55	40.00	40				0.000	0.00	
Di-n-octylphthalate	1	0	CC	12.77	46.85	50	20		1.440	1.349	6.30	
Benzo[b]fluoranthene	1	0		13.15	51.18	50			1.245	1.274	2.36	
Benzo[k]fluoranthene	1	0		13.19	46.02	50			1.274	1.172	7.96	
Benzo[a]pyrene	1	0	CC	13.49	49.46	50	20		1.200	1.187	1.08	
Indeno[1,2,3-cd]pyrene	1	0		14.62	52.67	50			1.305	1.375	5.34	
Dibenzo[a,h]anthracene	1	0		14.63	52.35	50			1.085	1.136	4.70	
Benzo[g,h,i]perylene	1	0		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				0.000	100.00	
Diaminotoluene Dihydrochloride	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)	1	100		0.00	0.00	50			0.755	0.000	100.00	
Toluene Diisocyanate	1	100		0.00	0.00	50				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	
4-Methylphenol	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	
Heptachlor	1	100		0.00	0.00	10				0.000	100.00	

CC - Continuing Calibration Check Compound CP - System Performance Check Compound I - Internal Standard

N/O or N/O - Not applicable for this run * - Failed the C or P Criteria ** - No limit specified in method

Note:

8260/8270 limits are compared against the %DIFF/R.F. **625 limits are compared against the %DIFF.**

624 limits are compared against the concentration found. **524.2 limits are compared against the %DIFF**

Form7

Continuing Calibration

Calibration Name: CAL BNA@50PPM **Data File:** 9M22164.D **Instrument:** GCMS 9

Cont Calibration Date/Time 12/16/2009 11:58:00 Method: EPA 8270C

TxtCompd:	Col#	Multi Num	Type	RT	Conc	Conc Exp	Lo Lim	Hi Lim	Initial R²	RF	%Diff	Flag
1,4-Dichlorobenzene-d4	1	0	I	5.72	40.00	40				0.000	0.00	
Pyridine	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	0	S	4.52	50.51	50			1.175	1.187	1.02	
Benzaldehyde	1	0		5.34	45.31	50			1.178	1.068	9.38	
Aniline	1	0		5.44	58.97	50			1.763	2.078	17.94	
Pentachloroethane	1	0		5.48	52.63	50			0.581	0.611	5.26	
bis(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	1	0	CC	5.42	49.25	50	20		1.891	1.862	1.50	
2-Chlorophenol	1	0		5.54	47.58	50			1.469	1.398	4.84	
N-Decane	1	0		5.59	67.91	50			1.189	1.615	35.82	
1,3-Dichlorobenzene	1	0		5.67	50.93	50			1.461	1.489	1.86	
1,4-Dichlorobenzene	1	0	CC	5.74	48.67	50	20		1.543	1.502	2.66	
1,2-Dichlorobenzene	1	0		5.86	47.54	50			1.475	1.402	4.92	
Benzyl alcohol	1	0		5.83	48.99	50			0.935	0.917	2.02	
bis(2-chloroisopropyl)ether	1	0		5.95	59.60	50			1.758	2.096	19.20	
2-Methylphenol	1	0		5.93	47.65	50			1.333	1.271	4.70	
Acetophenone	1	0		6.05	46.25	50			2.523	2.333	7.50	
Hexachloroethane	1	0		6.13	49.43	50			0.624	0.617	1.14	
N-Nitroso-di-n-propylamine	1	0	CP	6.05	50.70	50	0.05		1.103	1.119	1.40	
3&4-Methylphenol	1	0		6.05	45.18	50			1.504	1.359	9.64	
Naphthalene-d8	1	0	I	6.73	40.00	40				0.000	0.00	
Nitrobenzene-d5	1	0	S	6.17	24.59	25			0.168	0.165	1.64	
Nitrobenzene	1	0		6.19	56.81	50			0.334	0.380	13.62	
Isophorone	1	0		6.38	53.25	50			0.682	0.726	6.50	
2-Nitrophenol	1	0	CC	6.44	51.75	50	20		0.181	0.187	3.50	
2,4-Dimethylphenol	1	0		6.47	51.90	50			0.362	0.376	3.80	
Benzoic Acid	1	0		6.54	49.05	50			0.213	0.198	1.90	
bis(2-Chloroethoxy)methane	1	0		6.54	52.82	50			0.394	0.416	5.64	
2,4-Dichlorophenol	1	0	CC	6.62	47.88	50	20		0.292	0.279	4.24	
1,2,4-Trichlorobenzene	1	0		6.69	49.16	50			0.320	0.314	1.68	
Naphthalene	1	0		6.75	50.56	50			1.044	1.056	1.12	
4-Chloroaniline	1	0		6.78	60.42	50			0.334	0.421	20.84	
Hexachlorobutadiene	1	0	CC	6.84	46.80	50	20		0.165	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-Methylnaphthalene	1	0		7.28	48.54	50			0.742	0.720	2.92	
Methylnaphthalenes	1	0		7.28	48.54	50	20			0.720	2.92	
1,1'-Biphenyl	1	0		7.65	46.94	50			1.092	1.025	6.12	
Acenaphthene-d10	1	0	I	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	
Hexachlorocyclopentadiene	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	1	0		7.53	48.58	50			0.378	0.367	2.84	
2-Fluorobiphenyl	1	0	S	7.56	26.72	25			1.299	1.388	6.88	
2-Chloronaphthalene	1	0		7.67	51.81	50			1.145	1.187	3.62	
1,4-Dimethylnaphthalene	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	1	0		7.73	53.12	50			0.936	0.994	6.24	
2-Nitroaniline	1	0		7.75	63.10	50			0.418	0.527	26.20	
Acenaphthylene	1	0		8.03	50.94	50			1.943	1.979	1.88	
Dimethylphthalate	1	0		7.89	47.76	50			1.440	1.375	4.48	
2,6-Dinitrotoluene	1	0		7.95	50.78	50			0.320	0.324	1.56	
Acenaphthene	1	0	CC	8.18	50.85	50	20		1.239	1.260	1.70	
3-Nitroaniline	1	0		8.10	56.13	50			0.313	0.351	12.26	
2,4-Dinitrophenol	1	0	CP	8.19	48.82	50	0.05		0.145	0.133	2.36	
Dibenzofuran	1	0		8.34	48.42	50			1.715	1.661	3.16	
2,4-Dinitrotoluene	1	0		8.31	47.36	50			0.441	0.417	5.28	
4-Nitrophenol	1	0	CP	8.23	61.67	50	0.05		0.230	0.283	23.34	
2,3,4,6-Tetrachlorophenol	1	0		8.44	42.80	50			0.329	0.281	14.40	
Fluorene	1	0		8.66	48.16	50			1.461	1.407	3.68	
4-Chlorophenyl-phenylether	1	0		8.65	46.12	50			0.665	0.614	7.76	
Diethylphthalate	1	0		8.53	48.06	50			1.566	1.506	3.88	
4-Nitroaniline	1	0		8.66	47.85	50			0.397	0.380	4.30	
Atrazine	1	0		9.29	42.32	50			0.504	0.427	15.36	
Phenanthrene-d10	1	0	I	9.61	40.00	40				0.000	0.00	
4,6-Dinitro-2-methylphenol	1	0		8.69	50.65	50			0.127	0.127	1.30	
n-Nitrosodiphenylamine	1	0	CC	8.76	53.72	50	20		0.688	0.739	7.44	
2,4,6-Tribromophenol	1	0	S	8.89	61.19	50			0.062	0.076	22.38	

CC - Continuing Calibration Check Compound CP - System Performance Check Compound I - Internal Standard

N/O or N/O - Not applicable for this run * - Failed the C or P Criteria ** - No limit specified in method

Note:

8260/8270 limits are compared against the %DIFF/R.F.

624 limits are compared against the concentration found.

625 limits are compared against the %DIFF.

524.2 limits are compared against the %DIFF

Form7

Continuing Calibration

Calibration Name: CAL BNA@50PPM **Data File:** 9M22164.D **Instrument:** GCMS 9

Cont Calibration Date/Time 12/16/2009 11:58:00 Method: EPA 8270C

TxtCompd:	Col#	Multi Num	Type	RT	Conc	Conc Exp	Lo Lim	Hi Lim	Initial RF	RF	%Diff	Flag
1,2-Diphenylhydrazine	1	0		8.80	62.63	50			0.785	0.983	25.26	
4-Bromophenyl-phenylether	1	0		9.13	49.56	50			0.199	0.198	0.88	
Hexachlorobenzene	1	0		9.20	50.02	50			0.185	0.185	0.04	
N-Octadecane	1	0		9.47	72.63	50			0.465	0.675	45.26	
Pentachlorophenol	1	0	CC	9.40	50.93	50	20		0.101	0.096	1.86	
Phenanthrene	1	0		9.64	49.48	50			1.218	1.205	1.04	
Anthracene	1	0		9.69	50.96	50			1.228	1.251	1.92	
Carbazole	1	0		9.86	48.70	50			1.244	1.211	2.60	
Di-n-butylphthalate	1	0		10.24	50.21	50			1.588	1.594	0.42	
Fluoranthene	1	0	CC	10.96	45.77	50	20		1.385	1.268	8.46	
Chrysene-d12	1	0	I	12.67	40.00	40				0.000	0.00	
Pyrene	1	0		11.23	51.84	50			1.578	1.636	3.68	
Benzidine	1	0		11.12	55.42	50			0.493	0.585	10.84	
Terphenyl-d14	1	0	S	11.42	23.51	25			1.091	1.025	5.96	
p,p'-DDE	1	0		11.35	47.53				0.326			
Endrin	1	0		11.68	62.85	50			0.095	0.120	25.70	
p,p'-DDD	1	0		11.75	48.45				0.583			
Butylbenzylphthalate	1	0		12.01	53.39	50			0.833	0.890	6.78	
Endrin aldehyde	1	0		11.68	71.06				0.029			
p,p'-DDT	1	0		12.11	49.56				0.493			
Endrin ketone	1	0		12.59	54.73				0.051			
3,3'-Dichlorobenzidine	1	0		12.63	55.44	50			0.377	0.430	10.88	
Benzo(a)anthracene	1	0		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	0		12.70	54.28	50			1.188	1.290	8.56	
Perylene-d12	1	0	I	14.28	40.00	40				0.000	0.00	
Di-n-octylphthalate	1	0	CC	13.45	55.71	50	20		1.919	2.138	11.42	
Benzo(b)fluoranthene	1	0		13.87	48.26	50			1.362	1.314	3.48	
Benzo(k)fluoranthene	1	0		13.90	49.73	50			1.265	1.258	0.54	
Benzo(a)pyrene	1	0	CC	14.22	47.90	50	20		1.269	1.215	4.20	
Indeno(1,2,3-cd)pyrene	1	0		15.56	48.07	50			1.350	1.298	3.86	
Dibenzo(a,h)anthracene	1	0		15.59	50.20	50			1.078	1.082	0.40	
Benzo(g,h,i)perylene	1	0		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 Diisocyanate	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)	1	100		0.00	0.00	50			0.742	0.000	100.00	
Methoxychlor	1	100		0.00	0.00	10				0.000	100.00	
Dimethylnaphthalenes (Total)	1	100		0.00	0.00	50			1.246	0.000	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	1	100		0.00	0.00	10				0.000	100.00	
Diaminotoluene Dihydrochloride	1	100		0.00	0.00	50				0.000	100.00	
4-Methylphenol	1	100		0.00	0.00	50				0.000	100.00	

CC - Continuing Calibration Check Compound CP - System Performance Check Compound I - Internal Standard

N/O or N/O - Not applicable for this run * - Failed the C or P Criteria ** - No limit specified in method

Note:

8260/8270 limits are compared against the %DIFF/R.F. **625 limits are compared against the %DIFF.**

624 limits are compared against the concentration found. **524.2 limits are compared against the %DIFF**

Form7

Continuing Calibration

Calibration Name: CAL BNA@50PPM **Data File:** 10M09086.D **Instrument:** GCMS 10

Cont Calibration Date/Time 12/17/2009 9:04:00 Method: EPA 8270C

TxtCompd:	Col#	Multi Num	Type	RT	Conc	Conc Exp	Lo Lim	Hi Lim	Initial RF	RF	%Diff	Flag
1,4-Dichlorobenzene-d4	1	0	I	5.20	40.00	40				0.000	0.00	
Pyridine	1	0		2.10	53.97	50			1.257	1.357	7.94	
N-Nitrosodimethylamine	1	0		2.05	50.97	50			0.710	0.724	1.94	
2-Fluorophenol	1	0	S	3.94	50.80	50			1.113	1.131	1.60	
Benzaldehyde	1	0		4.82	40.13	50			1.137	0.666	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		1.790	1.783	0.40	
2-Chlorophenol	1	0		5.02	51.19	50			1.358	1.391	2.38	
N-Decane	1	0		5.08	48.45	50			1.239	1.201	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			1.476	1.451	1.62	
Benzyl alcohol	1	0		5.33	51.01	50			0.863	0.880	2.02	
bis(2-chloroisopropyl)ether	1	0		5.45	49.50	50			1.203	1.191	1.00	
2-Methylphenol	1	0		5.44	49.13	50			1.246	1.224	1.74	
Acetophenone	1	0		5.55	50.61	50			2.263	2.291	1.22	
Hexachloroethane	1	0		5.61	50.84	50			0.581	0.590	1.68	
N-Nitroso-di-n-propylamine	1	0	CP	5.55	50.26	50	0.05		1.032	1.037	0.52	
3&4-Methylphenol	1	0		5.56	49.58	50			1.311	1.300	0.84	
Naphthalene-d8	1	0	I	6.22	40.00	40				0.000	0.00	
Nitrobenzene-d5	1	0	S	5.67	25.31	25			0.166	0.168	1.24	
Nitrobenzene	1	0		5.68	49.96	50			0.369	0.369	0.08	
Isophorone	1	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	0.227	1.70	
bis(2-Chloroethoxy)methane	1	0		6.05	48.43	50			0.392	0.380	3.14	
2,4-Dichlorophenol	1	0	CC	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	
Naphthalene	1	0		6.23	48.38	50			1.084	1.049	3.24	
4-Chloroaniline	1	0		6.28	61.31	50			0.318	0.436	22.62	
Hexachlorobutadiene	1	0	CC	6.32	49.18	50	20		0.210	0.206	1.64	
Caprolactam	1	0		6.55	51.92	50			0.127	0.132	3.84	
4-Chloro-3-methylphenol	1	0	CC	6.65	49.30	50	20		0.329	0.324	1.40	
2-Methylnaphthalene	1	0		6.75	49.46	50			0.755	0.747	1.08	
Methylnaphthalenes	1	0		6.75	49.46	50	20			0.747	1.08	
1,1'-Biphenyl	1	0		7.10	49.08	50			1.107	1.087	1.84	
Acenaphthene-d10	1	0	I	7.56	40.00	40				0.000	0.00	
1,2,4,5-Tetrachlorobenzene	1	0		6.88	48.06	50			0.757	0.728	3.88	
Hexachlorocyclopentadiene	1	0	CP	6.86	41.59	50	0.05		0.085	0.050	16.82	
2,4,6-Trichlorophenol	1	0	CC	6.97	50.93	50	20		0.376	0.383	1.86	
2,4,5-Trichlorophenol	1	0		7.00	50.04	50			0.408	0.408	0.08	
2-Fluorobiphenyl	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	
1,4-Dimethylnaphthalene	1	0		7.38	48.06	50			1.295	1.245	3.88	
Dimethylnaphthalenes	1	0		7.38	48.06	50	20			1.245	3.88	
Diphenyl Ether	1	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	
Acenaphthylene	1	0		7.45	48.01	50			1.981	1.903	3.98	
Dimethylphthalate	1	0		7.34	48.06	50			1.411	1.356	3.88	
2,6-Dinitrotoluene	1	0		7.39	47.83	50			0.325	0.311	4.34	
Acenaphthene	1	0	CC	7.59	47.58	50	20		1.263	1.201	4.84	
3-Nitroaniline	1	0		7.53	60.84	50			0.276	0.336	21.68	
2,4-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			1.780	1.710	3.92	
2,4-Dinitrotoluene	1	0		7.74	49.45	50			0.429	0.424	1.10	
4-Nitrophenol	1	0	CP	7.68	52.55	50	0.05		0.176	0.185	5.10	
2,3,4,6-Tetrachlorophenol	1	0		7.84	51.80	50			0.338	0.350	3.60	
Fluorene	1	0		8.04	48.84	50			1.484	1.450	2.32	
4-Chlorophenyl-phenylether	1	0		8.04	48.48	50			0.740	0.718	3.04	
Diethylphthalate	1	0		7.93	48.24	50			1.427	1.376	3.52	
4-Nitroaniline	1	0		8.06	51.12	50			0.333	0.340	2.24	
Atrazine	1	0		8.67	48.67	50			0.490	0.477	2.66	
Phenanthrene-d10	1	0	I	8.95	40.00	40				0.000	0.00	
4,6-Dinitro-2-methylphenol	1	0		8.11	51.24	50			0.136	0.137	2.48	
n-Nitrosodiphenylamine	1	0	CC	8.15	48.27	50	20		0.729	0.703	3.46	
2,4,6-Tribromophenol	1	0	S	8.26	51.79	50			0.116	0.120	3.58	

CC - Continuing Calibration Check Compound CP - System Performance Check Compound I - Internal Standard

N/O or N/O - Not applicable for this run * - Failed the C or P Criteria ** - No limit specified in method

Note:

8260/8270 limits are compared against the %DIFF/RF. **625 limits are compared against the %DIFF.**

624 limits are compared against the concentration found. **524.2 limits are compared against the %DIFF**

FORM8

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

	I1		I2		I3		I4		I5		I6	
	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		77510-310042		45370-181482		78802-315208		69556-278222		71978-287912	
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											
5M53688.D	CAL BNA@50	41529	5.43	155021	6.45	90741	7.83	157604	9.26	139111	12.29	143956	13.89
5M53689.D	CAL BNA@2F	47323	5.43	180455	6.45	105438	7.83	162589	9.25	144068	12.29	147813	13.89
5M53690.D	CAL BNA@1C	48645	5.42	180824	6.44	101923	7.82	169554	9.25	149572	12.28	156386	13.89
5M53691.D	CAL BNA@2C	44436	5.42	166049	6.44	91662	7.82	157512	9.25	139763	12.29	144026	13.89
5M53692.D	CAL BNA@8C	39756	5.42	153829	6.44	86545	7.83	150204	9.25	125611	12.29	131674	13.89
5M53693.D	CAL BNA@12	39883	5.43	151163	6.44	89663	7.83	148042	9.25	125665	12.29	131693	13.89
5M53694.D	CAL BNA@16	35721	5.42	143518	6.45	82539	7.83	144098	9.25	119738	12.29	121066	13.89
5M53695.D	CAL BNA@19	36605	5.43	148089	6.45	86768	7.83	151185	9.25	116678	12.30	122544	13.89
5M53696.D	ICV BNA@50	45742	5.43	173221	6.44	97178	7.83	160808	9.25	144168	12.29	136804	13.89
5M53697.D	WMB4319	48252	5.43	190877	6.45	109939	7.83	174928	9.25	153782	12.29	149726	13.89
5M53698.D	WMB4319/MS	41023	5.42	143410	6.44	86561	7.82	147141	9.25	122186	12.29	117638	13.89
5M53701.D	AC48310-008	42282	5.42	166741	6.44	94292	7.82	149006	9.25	136076	12.28	136717	13.89
5M53702.D	AC48310-009	42392	5.42	165466	6.44	94710	7.82	153476	9.25	131359	12.28	129098	13.89
5M53703.D	AC48310-010	43312	5.42	176833	6.44	102286	7.82	164483	9.25	137435	12.28	133626	13.89
5M53704.D	AC48310-012	44403	5.42	183964	6.44	103888	7.82	168706	9.25	145562	12.28	139927	13.89
5M53706.D	AC48313-001(	40553	5.42	151265	6.44	87329	7.83	153825	9.25	125911	12.29	121297	13.89
5M53707.D	AC48313-001(	44751	5.42	160192	6.44	97778	7.83	166044	9.25	137769	12.29	130734	13.89
5M53708.D	AC48311-008(	47789	5.42	179733	6.44	106362	7.82	177963	9.25	154296	12.28	146597	13.89
5M53709.D	AC48311-009(	47425	5.42	192706	6.44	108056	7.82	175647	9.25	149745	12.28	143068	13.89
5M53712.D	AC48315-048	42173	5.43	168616	6.44	96647	7.82	156751	9.25	126576	12.28	118951	13.89
5M53713.D	AC48315-054	42054	5.42	169164	6.44	97534	7.82	155457	9.25	123460	12.28	117109	13.89
5M53714.D	AC48315-060	42666	5.43	172882	6.44	100755	7.82	166124	9.25	127076	12.28	113381	13.89

I1 =	1,4-Dichlorobenzene-d4	I4 =	Phenanthrene-d10	625/8270 Internal Standard concentration = 40 mg/L (in final extract)
I2 =	Naphthalene-d8	I5 =	Chrysene-d12	624/8260 Internal Standard concentration = 30ug/L
I3 =	Acenaphthene-d10	I6 =	Perylene-d12	524 Internal Standard concentration =5ug/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 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 cal or mid pt.

FORM8

Internal Standard Areas

Evaluation Std Data File: 9M21689.D Method: EPA 8270C

Analysis Date/Time: 11/16/09 08:59

Lab File ID: CAL BNA@50PPM

	I1		I2		I3		I4		I5		I6	
	Area	RT	Area	RT	Area	RT	Area	RT	Area	RT	Area	RT
Eval File Area/RT:	24980	5.90	97873	6.90	57173	8.34	97016	9.83	81001	12.88	80430	14.52
Eval File Area Limit:	12490-49960		48936-195746		28586-114346		48508-194032		40500-162002		40215-160860	
Eval File Rt 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	Sample											
9M21689.D	CAL BNA@50	24980	5.90	97873	6.90	57173	8.34	97016	9.83	81001	12.88	80430	14.52
9M21690.D	CAL BNA@2F	18971	5.89	72436	6.89	43925	8.34	73370	9.81	60757	12.88	62973	14.51
9M21691.D	CAL BNA@1C	15917	5.90	66368	6.90	40066	8.34	69522	9.82	63974	12.88	68727	14.51
9M21692.D	CAL BNA@2C	25426	5.90	99202	6.90	58146	8.34	100099	9.82	88774	12.88	90557	14.51
9M21693.D	CAL BNA@8C	24535	5.90	94876	6.90	56818	8.35	95494	9.83	77666	12.88	76638	14.52
9M21694.D	CAL BNA@12	25449	5.90	95109	6.90	56450	8.35	96098	9.83	79254	12.89	75799	14.52
9M21695.D	CAL BNA@16	25659	5.90	103117	6.90	60167	8.35	98914	9.83	80686	12.90	71961	14.52
9M21696.D	CAL BNA@1S	21280	5.90	83975	6.90	49060	8.35	83669	9.83	64213	12.90	64359	14.52
9M21697.D	ICV BNA@50	23114	5.90	93330	6.90	54503	8.34	96320	9.83	83578	12.88	81332	14.51
9M21698.D	WMB4319	24835	5.90	95789	6.90	58731	8.35	100549	9.83	83748	12.88	83302	14.51
9M21699.D	EF-1 V-76578	21380	5.90	81098	6.90	49575	8.34	83623	9.82	71610	12.88	67913	14.51
9M21700.D	AC48372-001	23402	5.90	93059	6.90	51518	8.34	82909	9.82	67787	12.88	67218	14.51
9M21703.D	AC48348-001	23029	5.90	92468	6.90	53809	8.34	89020	9.83	77375	12.88	78745	14.51
9M21704.D	AC48348-002	21280	5.90	84923	6.90	50035	8.34	83161	9.82	71708	12.88	69726	14.51
9M21705.D	AC48348-003	22775	5.90	84519	6.90	49998	8.34	80993	9.82	70092	12.88	70966	14.51
9M21706.D	AC48348-004	23637	5.90	91460	6.90	53250	8.34	88232	9.82	77940	12.88	77906	14.51
9M21707.D	AC48348-005	22834	5.90	84229	6.90	49273	8.34	85574	9.82	70768	12.88	70827	14.51
9M21708.D	AC48348-006	22801	5.90	79473	6.90	47051	8.35	81182	9.83	71269	12.88	69110	14.52

I1 =	1,4-Dichlorobenzene-d4	I4 =	Phenanthrene-d10	625/8270 Internal Standard concentration = 40 mg/L (in final extract)
I2 =	Naphthalene-d8	I5 =	Chrysene-d12	624/8260 Internal Standard concentration = 30ug/L
I3 =	Acenaphthene-d10	I6 =	Perylene-d12	524 Internal Standard concentration =5ug/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 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 cal or mid pt.

FORM8

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

	I1		I2		I3		I4		I5		I6	
	Area	RT	Area	RT	Area	RT	Area	RT	Area	RT	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:	12827-51308		47703-190812		27110-108440		46666-186664		42100-168398		43844-175374	
Eval File Rt Limit:	4.84-5.84		5.86-6.86		7.23-8.23		8.65-9.65		11.67-12.67		13.27-14.27	

Data File	Sample											
5M54232.D	WMB4345	30675	5.34	127435	6.36	74147	7.73	125123	9.15	112900	12.17	110990	13.77
5M54233.D	WMB4345MS	29669	5.34	110793	6.36	66044	7.73	117033	9.15	101210	12.18	96661	13.77
5M54234.D	AC48696-001	31887	5.34	122027	6.36	74367	7.73	125687	9.14	113810	12.17	110734	13.77
5M54235.D	AC48696-003	26685	5.34	97420	6.36	58082	7.73	101616	9.15	89573	12.18	87237	13.77
5M54236.D	AC48696-005	30302	5.34	109550	6.36	67365	7.73	115389	9.15	99444	12.18	96098	13.77
5M54237.D	AC48696-007	28427	5.34	114472	6.36	63903	7.73	106013	9.14	93384	12.17	95773	13.77
5M54244.D	WMB4346MS	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

I1 =	1,4-Dichlorobenzene-d4	I4 =	Phenanthrene-d10	625/8270 Internal Standard concentration = 40 mg/L (in final extract)
I2 =	Naphthalene-d8	I5 =	Chrysene-d12	624/8260 Internal Standard concentration = 30ug/L
I3 =	Acenaphthene-d10	I6 =	Perylene-d12	524 Internal Standard concentration =5ug/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 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 cal or mid pt.

FORM8

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

	I1		I2		I3		I4		I5		I6	
	Area	RT	Area	RT	Area	RT	Area	RT	Area	RT	Area	RT
Eval File Area/RT:	24123	5.72	96234	6.73	52278	8.15	85917	9.61	70744	12.67	72190	14.28
Eval File Area Limit:	12062-48246		48117-192468		26139-104556		42958-171834		35372-141488		36095-144380	
Eval File Rt Limit:	5.22-6.22		6.23-7.23		7.65-8.65		9.11-10.11		12.17-13.17		13.78-14.78	

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	AC48811-001	22838	5.72	91556	6.73	50524	8.15	82940	9.61	67524	12.66	72674	14.28
9M22167.D	WMB4351	21959	5.72	94375	6.73	53547	8.15	84745	9.61	69986	12.66	74117	14.28
9M22168.D	AC48824-013	23191	5.72	91975	6.73	51652	8.15	84041	9.61	69641	12.66	73124	14.28
9M22169.D	AC48691-001	33198	5.72	130929	6.73	70635	8.15	106463	9.61	74202	12.66	73296	14.28
9M22170.D	AC48691-005	33553	5.72	129723	6.73	67125	8.15	103606	9.61	71317	12.66	69197	14.28
9M22171.D	AC48691-006	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
9M22174.D	SMB4358	23364	5.72	96840	6.73	50490	8.15	82059	9.61	53811	12.66	55444	14.28
9M22175.D	SMB4358MS	27668	5.73	107009	6.73	58715	8.15	88252	9.61	58264	12.67	56495	14.28
9M22176.D	AC48751-013	25040	5.72	98246	6.73	53270	8.15	85780	9.61	63149	12.66	62895	14.28
9M22177.D	AC48751-014	28756	5.72	115764	6.73	61261	8.15	93675	9.61	61878	12.66	60376	14.28
9M22178.D	AC48751-012	28375	5.72	113246	6.73	63012	8.15	97840	9.61	67592	12.66	66736	14.28
9M22179.D	AC48751-004	28515	5.72	111567	6.73	57812	8.15	89295	9.61	64168	12.66	63457	14.28
9M22180.D	AC48751-007	26592	5.72	104517	6.73	57316	8.15	89021	9.61	57990	12.66	57631	14.28
9M22181.D	AC48751-017	27129	5.72	109560	6.73	59735	8.15	94950	9.61	60305	12.66	62203	14.28
9M22182.D	AC48693-012	29532	5.72	114706	6.73	59503	8.15	89542	9.61	62285	12.66	63744	14.28
9M22183.D	AC48693-014	29607	5.72	115737	6.73	61256	8.15	91596	9.61	59813	12.66	62970	14.28
9M22184.D	AC48693-015	27111	5.72	106857	6.73	57670	8.15	87260	9.61	57310	12.66	57929	14.28
9M22185.D	AC48693-016	28996	5.72	114572	6.73	61975	8.15	92682	9.61	58417	12.66	59216	14.28
9M22186.D	AC48693-021	22277	5.72	83355	6.73	46983	8.16	72531	9.62	56593	12.67	57701	14.28
9M22187.D	AC48729-002	27788	5.72	109314	6.73	58996	8.15	92530	9.61	59714	12.66	61464	14.28

I1 =	1,4-Dichlorobenzene-d4	I4 =	Phenanthrene-d10	625/8270 Internal Standard concentration = 40 mg/L (in final extract)
I2 =	Naphthalene-d8	I5 =	Chrysene-d12	624/8260 Internal Standard concentration = 30ug/L
I3 =	Acenaphthene-d10	I6 =	Perylene-d12	524 Internal Standard concentration =5ug/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 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 cal or mid pt.

FORM8

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

	I1		I2		I3		I4		I5		I6	
	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
Eval File Area Limit:	24251-97004		92358-369430		55228-220912		95114-380458		95732-382930		108225-432900	
Eval File Rt Limit:	4.71-5.71		5.73-6.73		7.07-8.07		8.46-9.46		11.46-12.46		13.05-14.05	

Data File	Sample											
10M09060.	SMB4357(MS.	54025	5.21	207676	6.23	126225	7.57	229802	8.96	224285	11.95	256540	13.54
0M09061.	SMB4357	49666	5.21	186800	6.23	112487	7.57	199635	8.96	194068	11.95	218356	13.54
0M09062.	AC48814-005(	48679	5.21	180918	6.23	109222	7.57	189774	8.96	186533	11.96	208848	13.55
10M09063.	AC48814-001	54592	5.21	202460	6.23	115883	7.57	197400	8.96	189378	11.95	188047	13.54
10M09064.	AC48814-002	54208	5.21	201478	6.23	116971	7.57	202684	8.96	184973	11.96	216827	13.55
0M09065.	AC48814-003	58065	5.21	217082	6.23	127133	7.57	217092	8.96	192999	11.96	226960	13.55
0M09066.	AC48814-004	52068	5.21	208463	6.23	127007	7.57	226203	8.96	181677	11.96	192101	13.55
0M09067.	AC48814-006	52283	5.21	196475	6.23	115534	7.57	196683	8.96	180897	11.96	210455	13.55
10M09068.	AC48814-005(	53408	5.21	204437	6.23	118891	7.57	200298	8.96	181561	11.96	207089	13.56
0M09069.	AC48814-001(	59157	5.21	222738	6.23	126684	7.57	210362	8.96	184743	11.96	213605	13.55
0M09070.	AC48814-001(	56640	5.21	214474	6.23	122135	7.57	206521	8.96	185043	11.96	216208	13.55
0M09071.	AC48691-002	56539	5.21	237798	6.23	135764	7.58	223577	8.97	188226	11.96	212955	13.55
10M09072.	AC48691-004	58963	5.21	223546	6.23	126983	7.57	203090	8.96	174977	11.96	199724	13.55
10M09073.	AC48693-007(	50766	5.21	191755	6.23	114090	7.57	191468	8.96	175108	11.96	200084	13.56
0M09074.	AC48693-009(	49730	5.21	183769	6.23	107773	7.57	187951	8.96	177947	11.96	203295	13.56
0M09075.	AC48691-007(	53350	5.21	198165	6.23	114779	7.57	194536	8.96	167667	11.96	192384	13.55
10M09076.	AC48691-008(	49462	5.21	184397	6.23	105418	7.57	179778	8.96	159142	11.96	182606	13.55
10M09077.	AC48693-007(	47830	5.21	186102	6.23	109051	7.57	178946	8.96	158236	11.96	181656	13.55
0M09078.	AC48691-007	48985	5.21	183211	6.23	106284	7.57	179252	8.96	160961	11.96	188469	13.55
0M09079.	AC48691-008	58121	5.21	210944	6.23	123640	7.57	204596	8.96	180287	11.96	206954	13.55
10M09080.	SMB4358	45113	5.21	172115	6.23	100650	7.57	164124	8.96	148962	11.95	171096	13.55
10M09081.	AC48693-013	50957	5.21	190619	6.23	111727	7.57	182274	8.96	162639	11.96	186727	13.56
0M09082.	AC48693-019	52159	5.21	194238	6.23	112501	7.57	177057	8.96	156858	11.96	184278	13.56
0M09083.	AC48729-001	61142	5.21	230304	6.23	130622	7.57	202477	8.96	174006	11.96	201718	13.55
0M09084.	AC48729-003	54910	5.21	204704	6.23	112998	7.57	183544	8.96	156385	11.96	183382	13.55

I1 =	1,4-Dichlorobenzene-d4	I4 =	Phenanthrene-d10	625/8270 Internal Standard concentration = 40 mg/L (in final extract)
I2 =	Naphthalene-d8	I5 =	Chrysene-d12	624/8260 Internal Standard concentration = 30ug/L
I3 =	Acenaphthene-d10	I6 =	Perylene-d12	524 Internal Standard concentration =5ug/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 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 cal or mid pt.

FORM8

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

	I1		I2		I3		I4		I5		I6	
	Area	RT	Area	RT	Area	RT	Area	RT	Area	RT	Area	RT
Eval File Area/RT:	34786	5.68	141169	6.69	79115	8.11	129086	9.56	104227	12.61	106340	14.22
Eval File Area Limit:	17393-69572		70584-282338		39558-158230		64543-258172		52114-208454		53170-212680	
Eval File Rt Limit:	5.18-6.18		6.19-7.19		7.61-8.61		9.06-10.06		12.11-13.11		13.72-14.72	
Data File	Sample											
9M22189.D	CAL BNA@5C	34786	5.68	141169	6.69	79115	8.11	129086	9.56	104227	12.61	106340	14.22
9M22190.D	CAL BNA@1S	34035	5.68	132938	6.69	77058	8.11	125385	9.56	95062	12.62	93935	14.22
9M22191.D	CAL BNA@16	33661	5.68	135402	6.69	74631	8.11	125202	9.56	97876	12.62	98607	14.22
9M22192.D	CAL BNA@12	32144	5.68	127007	6.69	69763	8.11	115817	9.56	94248	12.62	97952	14.22
9M22193.D	CAL BNA@8C	36223	5.68	140932	6.69	76377	8.11	125915	9.56	102927	12.61	105894	14.22
9M22194.D	CAL BNA@2C	35734	5.68	148047	6.69	82508	8.10	133456	9.56	110918	12.60	112776	14.21
9M22196.D	CAL BNA@2F	33445	5.68	136210	6.69	77590	8.10	131873	9.56	110296	12.60	115041	14.21
9M22197.D	CAL BNA@1C	36721	5.68	150571	6.69	84174	8.10	138312	9.56	113375	12.60	113595	14.21
9M22198.D	ICV BNA@50	36800	5.68	146027	6.69	80022	8.10	133899	9.56	110587	12.61	112193	14.21
9M22199.D	SMB4360	37683	5.68	146103	6.69	80843	8.10	130196	9.56	100188	12.60	102859	14.22
9M22200.D	WMB4352/MS	39925	5.68	156384	6.69	84670	8.10	140418	9.56	113564	12.62	112429	14.22
9M22201.D	WMB4352	36276	5.68	140266	6.69	78509	8.10	127506	9.56	105634	12.60	112967	14.21
9M22202.D	AC48852-001	40925	5.68	163392	6.69	90599	8.10	142198	9.56	100718	12.61	101132	14.22
9M22203.D	SMB4360/MS.	39601	5.68	157960	6.69	85257	8.10	132925	9.56	92978	12.60	90702	14.21
9M22204.D	AC48721-002	37835	5.68	141938	6.69	80900	8.11	124867	9.56	98639	12.60	94439	14.21
9M22205.D	AC48721-002	38305	5.68	159940	6.69	95801	8.11	154155	9.56	131425	12.61	122315	14.21
9M22206.D	AC48721-002	38393	5.68	154327	6.69	88821	8.11	147335	9.57	118114	12.60	114344	14.21
9M22207.D	AC48736-001	37478	5.68	155095	6.69	86864	8.10	140904	9.56	105084	12.60	98713	14.21
9M22208.D	AC48729-004	44008	5.68	176730	6.69	98462	8.10	153504	9.56	116197	12.60	113290	14.21
9M22209.D	AC48729-010	44043	5.68	174781	6.69	98244	8.10	154669	9.56	109642	12.60	106091	14.21
9M22210.D	AC48729-011	44733	5.68	184002	6.69	97811	8.10	154982	9.56	110703	12.60	109369	14.21
9M22211.D	AC48729-012	45371	5.68	184219	6.69	101356	8.10	152116	9.56	107472	12.60	106179	14.21
9M22212.D	AC48729-013	40523	5.68	159631	6.69	85754	8.10	133759	9.56	97107	12.60	95591	14.21
9M22213.D	AC48729-014	40747	5.68	157750	6.69	85796	8.10	137822	9.56	101083	12.60	98938	14.21
9M22214.D	AC48729-015	38198	5.68	150529	6.69	82396	8.10	137225	9.56	99370	12.60	94759	14.21
9M22215.D	AC48729-016	40197	5.68	153579	6.69	84017	8.10	139527	9.56	100184	12.60	97699	14.21
9M22216.D	AC48729-008	40025	5.68	165584	6.69	91122	8.10	147739	9.56	108749	12.60	106880	14.21

I1 =	1,4-Dichlorobenzene-d4	I4 =	Phenanthrene-d10	625/8270 Internal Standard concentration = 40 mg/L (in final extract)
I2 =	Naphthalene-d8	I5 =	Chrysene-d12	624/8260 Internal Standard concentration = 30ug/L
I3 =	Acenaphthene-d10	I6 =	Perylene-d12	524 Internal Standard concentration =5ug/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 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 cal or mid pt.

FORM8

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

	I1		I2		I3		I4		I5		I6	
	Area	RT	Area	RT	Area	RT	Area	RT	Area	RT	Area	RT
Eval File 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		93980-375922		57702-230808		100768-403072		94666-378662		105407-421628	
Eval File Rt Limit:	4.7-5.7		5.72-6.72		7.06-8.059999		8.45-9.45		11.45-12.45		13.03-14.03	

Data File	Sample											
10M09087.	SMB4359	64740	5.20	241727	6.22	142237	7.56	243954	8.94	208314	11.94	223866	13.53
10M09088.	OMB1326	52532	5.20	200167	6.22	121029	7.56	212599	8.95	203775	11.94	226235	13.53
10M09089.	AC48837-001	61495	5.20	234675	6.22	140709	7.56	237338	8.95	210246	11.95	225297	13.54
10M09090.	AC48837-002	58058	5.20	222514	6.22	136380	7.56	230222	8.95	200819	11.95	213138	13.54
10M09091.	AC48838-003	59047	5.20	230832	6.22	136041	7.56	232427	8.95	199468	11.94	219656	13.54
10M09092.	AC48889-016	61685	5.20	231662	6.22	143714	7.56	241333	8.95	201162	11.94	221351	13.53
10M09093.	AC48889-017	63170	5.20	239422	6.22	142511	7.56	234845	8.95	189079	11.94	208664	13.53
10M09094.	AC48889-018	62643	5.20	237125	6.22	138174	7.56	228205	8.95	181729	11.94	205589	13.53
10M09095.	AC48889-019	62026	5.20	237721	6.22	141159	7.56	239167	8.95	195847	11.94	222379	13.53
10M09096.	AC48889-020	66386	5.20	248930	6.22	145223	7.56	237054	8.95	192026	11.94	218173	13.53
10M09097.	AC48830-022	61518	5.20	230966	6.22	97880	7.56	226653	8.95	166656	11.95	875	13.55
10M09098.	AC48830-023	68022	5.20	252703	6.22	135779	7.56	226945	8.95	169864	11.95	47398	13.54
10M09099.	AC48830-020	68090	5.20	256281	6.22	138686	7.56	237046	8.95	188402	11.95	37340	13.54
10M09100.	AC48830-022	71945	5.20	265111	6.22	126930	7.56	240951	8.95	179306	11.95	686	13.56
10M09101.	SMB4360	56447	5.20	216320	6.22	133220	7.56	218246	8.95	173639	11.95	189169	13.55
10M09102.	SMB4356(MS.	51792	5.21	196736	6.22	116106	7.56	193416	8.95	163855	11.95	177867	13.54
10M09103.	AC48814-001(	64732	5.20	241996	6.22	138147	7.56	219462	8.95	183217	11.95	212301	13.54
10M09104.	AC48814-001(	62812	5.20	234217	6.22	132971	7.56	210778	8.95	180012	11.95	207956	13.55
10M09105.	AC48870-001(	63618	5.20	247677	6.22	141390	7.56	228716	8.95	192452	11.95	219745	13.55
10M09106.	AC48870-003(	67226	5.20	263137	6.22	155388	7.56	246771	8.95	186953	11.95	213526	13.54
10M09107.	AC48870-004(	57653	5.20	228550	6.22	135101	7.56	226305	8.95	198620	11.95	229138	13.56
10M09108.	AC48870-002	72401	5.20	292070	6.22	176843	7.56	281040	8.95	211009	11.95	240291	13.55
10M09109.	AC48866-004	66706	5.20	248456	6.22	140610	7.56	221896	8.95	191272	11.95	231796	13.55
10M09110.	AC48866-003	62757	5.21	242296	6.22	137538	7.56	211279	8.95	178432	11.95	206868	13.54
10M09111.	AC48722-002(	60499	5.20	228859	6.22	131244	7.56	210347	8.95	181796	11.95	208038	13.54
10M09112.	AC48722-004	59293	5.20	236641	6.22	141180	7.56	215760	8.95	167100	11.95	189718	13.55
10M09113.	AC48729-005	66635	5.20	255200	6.22	145566	7.56	223643	8.95	192755	11.95	225784	13.55
10M09114.	AC48729-007	64402	5.21	246934	6.22	138249	7.56	213576	8.95	180957	11.95	208813	13.54
10M09115.	AC48729-009	65592	5.20	252685	6.22	142659	7.56	216549	8.95	181299	11.95	213366	13.55
10M09116.	AC48729-006	68997	5.21	265046	6.22	153288	7.56	229430	8.95	192336	11.95	224506	13.55

I1 =	1,4-Dichlorobenzene-d4	I4 =	Phenanthrene-d10	625/8270 Internal Standard concentration = 40 mg/L (in final extract)
I2 =	Naphthalene-d8	I5 =	Chrysene-d12	624/8260 Internal Standard concentration = 30ug/L
I3 =	Acenaphthene-d10	I6 =	Perylene-d12	524 Internal Standard concentration =5ug/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 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 cal or mid pt.

FORM2

Surrogate Recovery

Method: EPA 8082

le	Sample#	Matrix	Date/Time	Surr Dil	Dilute Out Flag	Column1 S1 Recov	Column2 S2 Recov	Column1 S3 Recov	Column2 S4 Recov	Column0 S5 Recov	Column0 S6 Recov
51355.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	80	98		
51605.D	AC48729-002	Soil	12/18/09 01:56	1		80	101	79	96		
51606.D	AC48729-003	Soil	12/18/09 02:10	1		88	111	85	102		
2G51603.D	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		
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		
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	Soil	12/18/09 03:33	1		86	106	83	98		
51613.D	AC48729-011	Soil	12/18/09 03:47	1		91	111	95	110		
51614.D	AC48729-012	Soil	12/18/09 04:01	1		86	104	90	103		
2G51615.D	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		
51619.D	AC48729-015	Soil	12/18/09 05:10	1		83	101	91	105		
51620.D	AC48729-016	Soil	12/18/09 05:24	1		84	101	87	97		
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		
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

Compound	Spike 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 File:==>				2G51366.D															
Data/Batch/Sample ID:==>				WMB3718(MS)-Aq															
Date/Time:==>				12/10/09 08:51															
Compound	Limit(s) Soil	Aq	Col	Mr	Conc	Conc Exp	% Rec	Conc	Conc Exp	% Rec	Conc	Conc Exp	% Rec	Conc	Conc Exp	% Rec	Conc	Conc Exp	% Rec
Aroclor-1016		38-166	2	0	1001	1000	100												
Aroclor-1260		53-151	2	0	933.9	1000	93												

Flags/Notes: ** - Values outside of limits for this column/run*

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

Mbs Date: 12/18/09 00:47
Non Spk'd Date: 12/18/09 01:29
Spike Date : 12/18/09 01:01
Spike Dup Date: 12/18/09 01:15

Compound	C#	Co	Mr	Conc Exp	Lo Lim	Hi Lim	Rpd Lim	Mbs Conc	Sample Conc	Spike Conc	Spike Dup Conc	Mbs Rec	MS Rec	Msd Rec	Rpc
Aroclor-1016	2	2	0	1000	30	163	40	1003.51	0.00	1186.83	1201.36	100	119	120	1.2
Aroclor-1260	7	2	0	1000	25	166	37	886.53	0.00	1095.88	1092.05	89	110	109	0.35

Note:

Rp = Failed Rpd Criteria Mo = Failed Recovery Criteria

^ - Both Ms and Msd Recoveries = 0 ... no valid information can be calculated

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
AC48729-002	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

Data File	Sample#	Analysis Date/Time	Matrix	Reference File	Column 1 RT	Column 1 % Drift	Column 2 RT	Column 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	Soil	2G51085.	9.1104	0	9.4342	0
2G51086.	CAL 1660@200PPB	12/01/09 04:56	Soil	2G51085.	9.1100	0.0044	9.4349	0.0074
2G51087.	CAL 1660@1000PPB	12/01/09 05:10	Soil	2G51085.	9.1087	0.0187	9.4341	0.0011
2G51088.	2000PPB	12/01/09 05:24	Soil	2G51085.	9.1087	0.0187	9.4342	0
2G51089.	4000PPB	12/01/09 05:38	Soil	2G51085.	9.1073	0.034	9.4329	0.0138
2G51090.	CAL 1660@2000PPB	12/01/09 05:52	Soil	2G51085.	9.1070	0.0373	9.4335	0.0074
2G51091.	CAL 1660@4000PPB	12/01/09 06:06	Soil	2G51085.	9.1064	0.0439	9.4334	0.0085
2G51092.	CAL 3268@500PPB	12/01/09 06:19	Soil	2G51085.	9.1062	0.0461	9.4344	0.0021
2G51093.	CAL 1242@500PPB	12/01/09 06:33	Soil	2G51085.	9.1057	0.0516	9.4344	0.0021
2G51094.	CAL 1248@500PPB	12/01/09 06:47	Soil	2G51085.	9.1055	0.0538	9.4341	0.0011
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	Soil	2G51085.	9.1136	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	2G51098.	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	2G51098.	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	9.4585	0.2255
2G51110.	AC48388-033	12/01/09 11:12	Soil	2G51098.	9.1179	0.045	9.4533	0.1705
2G51111.	AC48388-034	12/01/09 11:26	Soil	2G51098.	9.1156	0.0197	9.4508	0.144
2G51112.	AC48388-035	12/01/09 11:40	Soil	2G51098.	9.1148	0.011	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	Soil	2G51098.	9.1151	0.0143	9.4500	0.1355
2G51116.	AC48504-003	12/01/09 12:35	Soil	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	Soil	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	Soil	2G51098.	9.1300	0.1776	9.4641	0.2846
2G51122.	AC48516-002	12/01/09 13:55	Soil	2G51098.	9.1265	0.1393	9.4612	0.254
2G51123.	1000PPB	12/01/09 14:12	Soil	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
2G51126.	AC48388-022	12/01/09 15:20	Soil	2G51124.	9.1069	0.0725	9.4474	0.0699
2G51127.	AC48487-002(5X)	12/01/09 15:34	Soil	2G51124.	9.1042	0.0429	9.4723	0.3331
2G51128.	AC48487-001(10X)	12/01/09 15:47	Soil	2G51124.	9.1164	0.1768	9.4692	0.3004
2G51129.	AC48527-001	12/01/09 16:34	Soil	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	2G51124.	9.0935	0.0747	9.4403	0.0053
2G51143.	AC48572-006	12/01/09 19:50	Soil	2G51124.	9.0953	0.055	9.4416	0.0085
2G51144.	CAL 1660@1000PPB	12/01/09 20:03	Soil	2G51124	9.0936	0.0736	9.4405	0.0032
2G51145.	2000PPB	12/01/09 20:17	Soil	2G51144.	9.0949	0.0143	9.4419	0.0148
2G51146.	AC48541-008	12/01/09 20:31	Soil	2G51144.	9.0954	0.0198	9.4429	0.0254
2G51147.	AC48541-006	12/01/09 20:45	Soil	2G51144.	9.0959	0.0253	9.4436	0.0328

Drift Compound: DCB-Surrogate Drift Limit(s): 0.5 (Pest/Pcb) 1.5(Herb/Toh) * - Values outside of limits for this column/run

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.	9.1070	0.1472	9.4556	0.1598
2G51156.	AC48417-011	12/01/09 22:50	Soil	2G51144.	9.1070	0.1472	9.4545	0.1482
2G51157.	AC48417-012	12/01/09 23:04	Soil	2G51144.	9.1054	0.1297	9.4533	0.1355
2G51158.	AC48417-013	12/01/09 23:18	Soil	2G51144.	9.1076	0.1538	9.4549	0.1524
2G51159.	AC48417-014	12/01/09 23:32	Soil	2G51144.	9.1073	0.1505	9.4557	0.1609
2G51160.	AC48417-015	12/01/09 23:46	Soil	2G51144.	9.1059	0.1352	9.4535	0.1376
2G51161.	AC48417-016	12/02/09 00:00	Soil	2G51144.	9.1060	0.1363	9.4545	0.1482
2G51162.	AC48417-001	12/02/09 00:14	Soil	2G51144.	9.1039	0.1121	9.4528	0.1302
2G51163.	AC48417-002	12/02/09 00:28	Soil	2G51144.	9.1075	0.1527	9.4563	0.1672
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	0.0088	9.4522	0.0021
2G51171.	AC48417-008	12/02/09 02:19	Soil	2G51166.	9.1016	0.0088	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

Drift Compound: DCB-Surrogate Drift Limit(s): 0.5 (Pest/Pcb) 1.5(Herb/Tph) * - Values outside of limits for this column/run

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
2G51364.	CAL 1660@500PPB	12/10/09 08:19	Soil	2G51364.	9.0680	0	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	0.032	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 1660@1000PPB	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	0.0085
2G51380.	AC48759-001	12/10/09 12:04	OIL/OTHER	2G51375.	9.0869	0.1762	9.4539	0.1185
2G51381.	CAL 1660@1000PPB	12/10/09 12:18	OIL/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	Soil	2G51381.	9.0869	0.1597	9.4535	0.1037

Drift Compound: DCB-Surrogate Drift Limit(s): 0.5 (Pest/Pcb) 1.5(Herb/Tph) * - Values outside of limits for this column/run

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
2G51582.	4000PPB	12/17/09 12:32	Soil					
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	0	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	2G51585.	9.0482	0.0033	9.4256	0.0127
2G51589.	4000PPB	12/17/09 14:13	Soil	2G51585.	9.0521	0.0464	9.4273	0.0053
2G51590.	CAL 3268@500PPB	12/17/09 14:26	Soil	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

Drift Compound: DCB-Surrogate Drift Limit(s): 0.5 (Pest/Pcb) 1.5(Herb/Tph) * - Values outside of limits for this column/run

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
2G51597.	CAL 1660@1000PPB	12/18/09 00:05	Soil	2G51597.	9.0512	0	9.4212	0
2G51598.	2000PPB	12/18/09 00:19	Soil	2G51597.	9.0445	0.074	9.4201	0.0117
2G51599.	SMB2483B	12/18/09 00:33	Soil	2G51597.	9.0442	0.0774	9.4221	0.0096
2G51600.	SMB2483B(MS)	12/18/09 00:47	Soil	2G51597.	9.0436	0.084	9.4216	0.0043
2G51601.	AC48729-004(MS)	12/18/09 01:01	Soil	2G51597.	9.0442	0.0774	9.4224	0.0127
2G51602.	AC48729-004(MSD)	12/18/09 01:15	Soil	2G51597.	9.0459	0.0586	9.4231	0.0202
2G51603.	AC48729-004	12/18/09 01:29	Soil	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	0.0467
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	Soil	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 03:47	Soil	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
2G51615.	AC48729-013	12/18/09 04:15	Soil	2G51597.	9.0474	0.042	9.4256	0.0467
2G51616.	AC48729-014	12/18/09 04:29	Soil	2G51597.	9.0489	0.0254	9.4258	0.0488
2G51617.	1000PPB	12/18/09 04:43	Soil	2G51597.	9.0487	0.0276	9.4252	0.0531
2G51618.	CAL 1660@2000PPB	12/18/09 04:56	Soil	2G51597.	9.0489	0.0254	9.4259	0.0499
2G51619.	AC48729-015	12/18/09 05:10	Soil	2G51618.	9.0482	0.0077	9.4267	0.0085
2G51620.	AC48729-016	12/18/09 05:24	Soil	2G51618.	9.0486	0.0033	9.4253	0.0064
2G51621.	AC48866-005	12/18/09 05:38	Soil	2G51618.	9.0481	0.0088	9.4259	0
2G51622.	AC48866-006	12/18/09 05:52	Soil	2G51618.	9.0473	0.0177	9.4248	0.0117
2G51623.	AC48866-007	12/18/09 06:06	Soil	2G51618.	9.0468	0.0232	9.4249	0.0106
2G51624.	AC48866-008	12/18/09 06:20	Soil	2G51618.	9.0478	0.0122	9.4255	0.0042
2G51625.	AC48870-001	12/18/09 06:33	Soi	2G51618.	9.0512	0.0254	9.4288	0.0308
2G51626.	AC48870-002	12/18/09 06:47	Soi	2G51618.	9.0520	0.0343	9.4284	0.0265
2G51627.	AC48870-003	12/18/09 07:01	Soil	2G51618.	9.0573	0.0928	9.4336	0.0817
2G51628.	AC48870-004	12/18/09 07:15	Soil	2G51618.	9.0630	0.1557	9.4391	0.1399
2G51629.	SMB3177(MS)	12/18/09 07:29	Soil	2G51618.	9.0500	0.0122	9.4276	0.018
2G51630.	AC48870-004	12/18/09 07:45	Soil	2G51618.	9.0624	0.1491	9.4355	0.1018
2G51631.	SMB3178(MS)	12/18/09 07:59	Soil	2G51618.	9.0552	0.0696	9.4311	0.0551
2G51632.	SMB3178	12/18/09 08:12	Soil	2G51618.	9.0562	0.0806	9.4330	0.0753
2G51633.	SMB1327	12/18/09 08:26	OIL/OTHER	2G51618.	9.0546	0.063	9.4311	0.0551
2G51634.	SMB1327(MS)	12/18/09 08:40	OIL/OTHER	2G51618.	9.0536	0.0519	9.4297	0.0403
2G51635.	CAL 1660@2000PPB	12/18/09 09:08	OIL/OTHER	2G51618.	9.0534	0.0497	9.4309	0.053
2G51636.	AC48892-001	12/18/09 09:36	Soil	2G51635.	9.0680	0.1611	9.4385	0.0806
2G51637.	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	Soil	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
2G51643.	AC48728-002	12/18/09 11:19	OIL/OTHER	2G51642.	9.0763	0.1533	9.4504	0.1249
2G51644.	AC48728-004	12/18/09 11:33	OIL/OTHER	2G51642.	9.0825	0.2216	9.4542	0.1651
2G51645.	AC48728-001	12/18/09 11:47	OIL/OTHER	2G51642.	9.0711	0.096	9.4453	0.071
2G51646.	AC48728-003	12/18/09 12:01	OIL/OTHER	2G51642.	9.0763	0.1533	9.4492	0.1122
2G51647.	AC48956-001	12/18/09 12:15	OIL/OTHER	2G51642.	9.0705	0.0893	9.4457	0.0752
2G51648.	AC48956-002	12/18/09 12:28	OIL/OTHER	2G51642.	9.0842	0.2403	9.4580	0.2053
2G51649.	AC48956-001(5X)	12/18/09 13:08	OIL/OTHER	2G51642.	9.0804	0.1984	9.4499	0.1197
2G51650.	AC48956-001(MS)	12/18/09 13:24	OIL/OTHER	2G51642.	9.0650	0.0287	9.4381	0.0053
2G51651.	AC48956-001(MSD)	12/18/09 13:37	OIL/OTHER	2G51642.	9.0578	0.0508	9.4331	0.0583
2G51652.	AC48916-001	12/18/09 14:25	Soil	2G51642.	9.0464	0.1767	9.4236	0.159
2G51653.	CAL 1660@1000PPB	12/18/09 14:39	Soil	2G51642.	9.0480	0.159	9.4255	0.1389
2G51654.	SMB3179	12/18/09 14:52	Soil	2G51653.	9.0474	0.0066	9.4252	0.0032
2G51655.	SMB3179(MS)	12/18/09 15:06	Soil	2G51653.	9.0481	0.0011	9.4250	0.0053
2G51656.	SMB2484B	12/18/09 15:20	Soil	2G51653.	9.0477	0.0033	9.4247	0.0085
2G51657.	SMB2485B	12/18/09 15:34	Soil	2G51653.	9.0491	0.0122	9.4257	0.0021
2G51658.	SMB2484B(MS)	12/18/09 19:20	Soil	2G51653.	9.0522	0.0464	9.4210	0.0478
2G51659.	SMB2485B(MS)	12/18/09 19:34	Soil	2G51653.	9.0451	0.0321	9.4204	0.0541
2G51660.	CAL 1660@1000PPB	12/18/09 19:48	Soil	2G51653.	9.0451	0.0321	9.4213	0.0446
2G51661.	AC48917-012(MS)	12/18/09 20:02	Soil	2G51660.	9.0451	0	9.4218	0.0053

Drift Compound: DCB-Surrogate Drift Limit(s): 0.5 (Pest/Pcb) 1.5(Herb/Tph) * - Values outside of limits for this column/run

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
2G51662.	AC48917-012(MSD)	12/18/09 20:16	Soil	2G51660.	9.0460	0.0099	9.4240	0.0287
2G51663.	AC48917-012	12/18/09 20:30	Soil	2G51660.	9.0460	0.0099	9.4244	0.0329
2G51664.	AC48917-002	12/18/09 20:44	Soil	2G51660.	9.0490	0.0431	9.4254	0.0435
2G51665.	AC48917-004	12/18/09 20:58	Soil	2G51660.	9.0484	0.0365	9.4254	0.0435
2G51666.	AC48917-006	12/18/09 21:11	Soil	2G51660.	9.0479	0.031	9.4246	0.035
2G51667.	AC48917-008	12/18/09 21:25	Soil	2G51660.	9.0479	0.031	9.4250	0.0393
2G51668.	AC48917-010	12/18/09 21:39	Soil	2G51660.	9.0467	0.0177	9.4258	0.0478
2G51669.	AC48917-014	12/18/09 21:53	Soil	2G51660.	9.0481	0.0332	9.4252	0.0414
2G51670.	AC48917-016	12/18/09 22:07	Soil	2G51660.	9.0489	0.042	9.4267	0.0573
2G51671.	CAL 1660@1000PPB	12/18/09 22:21	Soil	2G51660.	9.0486	0.0387	9.4247	0.0361
2G51672.	2000PPB	12/18/09 22:35	Soil	2G51671.	9.0477	0.0099	9.4254	0.0074
2G51673.	AC48920-001	12/18/09 22:48	Soil	2G51671.	9.0475	0.0122	9.4251	0.0042
2G51674.	AC48920-002	12/18/09 23:02	Soil	2G51671.	9.0473	0.0144	9.4245	0.0021
2G51675.	AC48920-003	12/18/09 23:16	Soil	2G51671.	9.0483	0.0033	9.4252	0.0053
2G51676.	AC48920-004	12/18/09 23:30	Soil	2G51671.	9.0485	0.0011	9.4251	0.0042
2G51677.	AC48920-005	12/18/09 23:44	Soil	2G51671.	9.0485	0.0011	9.4253	0.0064
2G51678.	AC48920-006	12/18/09 23:58	Soil	2G51671.	9.0481	0.0055	9.4255	0.0085
2G51679.	AC48920-007	12/19/09 00:12	Soil	2G51671.	9.0496	0.011	9.4256	0.0096
2G51680.	AC48920-008	12/19/09 00:26	Soil	2G51671.	9.0487	0.0011	9.4256	0.0096
2G51681.	AC48906-001	12/19/09 00:39	Soil	2G51671.	9.0555	0.0762	9.4311	0.0679
2G51682.	AC48906-002	12/19/09 00:53	Soil	2G51671.	9.0597	0.1226	9.4358	0.1177
2G51683.	AC48906-003	12/19/09 01:07	Soil	2G51671.	9.0595	0.1204	9.4341	0.0997
2G51684.	AC48906-004	12/19/09 01:21	Soil	2G51671.	9.0601	0.127	9.4364	0.1241
2G51685.	AC48908-001	12/19/09 01:35	Soil	2G51671.	9.0723	0.2616	9.4458	0.2236
2G51686.	AC48908-002	12/19/09 01:49	Soil	2G51671.	9.0737	0.277	9.4475	0.2416
2G51687.	AC48908-003	12/19/09 02:03	Soil	2G51671.	9.0725	0.2638	9.4460	0.2258
2G51688.	AC48770-001	12/19/09 02:17	Soil	2G51671.	9.0658	0.1899	9.4398	0.1601
2G51689.	AC48770-002	12/19/09 02:30	Soil	2G51671.	9.0629	0.1579	9.4365	0.1251
2G51690.	AC48850-007(MS:AC48	12/19/09 02:44	Soil	2G51671.	9.0635	0.1645	9.4374	0.1347
2G51691.	AC48850-008(MSD:AC4	12/19/09 02:58	Soil	2G51671.	9.0639	0.1689	9.4374	0.1347
2G51692.	1000PPB	12/19/09 03:12	Soil	2G51671.	9.0629	0.1579	9.4360	0.1198
2G51693.	CAL 1660@2000PPB	12/19/09 03:26	Soil	2G51671	9.0635	0.1645	9.4373	0.1336
2G51694.	AC48850-006	12/19/09 03:40	Soil	2G51693.	9.0618	0.0188	9.4368	0.0053
2G51695.	AC48850-001	12/19/09 03:54	Soil	2G51693.	9.0610	0.0276	9.4361	0.0127
2G51696.	AC48850-005	12/19/09 04:08	Soil	2G51693.	9.0629	0.0066	9.4381	0.0085
2G51697.	AC48850-013	12/19/09 04:22	Soil	2G51693.	9.0617	0.0199	9.4370	0.0032
2G51698.	AC48850-014	12/19/09 04:35	Soil	2G51693.	9.0619	0.0177	9.4350	0.0244
2G51699.	AC48850-024	12/19/09 04:49	Soil	2G51693.	9.0612	0.0254	9.4362	0.0117
2G51700.	AC48850-025	12/19/09 05:03	Soil	2G51693.	9.0623	0.0132	9.4360	0.0138
2G51701.	AC48850-031	12/19/09 05:17	Soil	2G51693.	9.0624	0.0121	9.4361	0.0127
2G51702.	AC48850-034	12/19/09 05:31	Soil	2G51693.	9.0614	0.0232	9.4352	0.0223
2G51703.	AC48820-002	12/19/09 05:45	Soil	2G51693.	9.0625	0.011	9.4370	0.0032
2G51704.	AC48789-001	12/19/09 05:59	Soil	2G51693.	9.0618	0.0188	9.4360	0.0138
2G51705.	AC48789-002	12/19/09 06:13	Soil	2G51693.	9.0615	0.0221	9.4355	0.0191
2G51706.	AC48789-003	12/19/09 06:26	Soil	2G51693.	9.0629	0.0066	9.4380	0.0074
2G51707.	AC48789-004	12/19/09 06:40	Soil	2G51693.	9.0586	0.0541	9.4330	0.0456
2G51708.	AC48789-005	12/19/09 06:54	Soil	2G51693.	9.0585	0.0552	9.4339	0.036
2G51709.	AC48789-006	12/19/09 07:08	Soil	2G51693.	9.0574	0.0673	9.4320	0.0562
2G51710.	AC48789-007	12/19/09 07:22	Soil	2G51693.	9.0560	0.0828	9.4303	0.0742
2G51711.	AC48789-008	12/19/09 07:36	Soil	2G51693.	9.0572	0.0695	9.4322	0.054
2G51712.	CAL 1660@2000PPB	12/19/09 07:50	Soil	2G51693.	9.0572	0.0695	9.4318	0.0583

Drift Compound: DCB-Surrogate Drift Limit(s): 0.5 (Pest/Pcb) 1.5(Herb/Tph) * - Values outside of limits for this column/run

Form 6
Initial Calibration

Method: EPA 8082

Instrument: GC_2

Level #:	Data File:	Cal Identifier:	Analysis Date/Time	Level #:	Data File:	Cal Identifier:	Analysis Date/Time
1	2G51085.	CAL 1660@50PPB	12/01/09 04:42	2	2G51086.	CAL 1660@200PPB	12/01/09 04:56
3	2G51084.	CAL 1660@500PPB	12/01/09 04:29	4	2G51087.	CAL 1660@1000PPB	12/01/09 05:10
5	2G51090.	CAL 1660@2000PPB	12/01/09 05:52	6	2G51091.	CAL 1660@4000PPB	12/01/09 06:06
7	2G51092.	CAL 3268@500PPB	12/01/09 06:19	8	2G51093.	CAL 1242@500PPB	12/01/09 06:33
9	2G51094.	CAL 1248@500PPB	12/01/09 06:47	10	2G51095.	CAL 2154@500PPB	12/01/09 07:01
11	2G51096.	CAL 1262@500PPB	12/01/09 07:15				

Compound	Col	Mr	Fit:	RF1	RF2	RF3	RF4	RF5	RF6	RF7	RF8	AvgRf	RT	Corr1	Corr2	%Rsd	Calibration Level Concentrations Lvl1	Lvl2	Lvl3	Lvl4	Lvl5	Lvl6	Lvl7	Lvl8
TCMX-Surrogate	1	0	Avg	1.5693	1.5878	1.5282	1.7294	1.7869	1.8462	----	----	1.69	2.96	1.00	1.00	6.7	5.00	20.00	50.00	100.0	200.0	400.0		
Aroclor-1016	1	1	Avg	0.0439	0.0436	0.0410	0.0401	0.0384	0.0372	----	----	0.0407	3.50	1.00	1.00	6.6	50.00	200.0	500.0	1000.	2000.	4000.		
Aroclor-1016	1	2	LinF	0.0905	0.0865	0.0791	0.0772	0.0734	0.0706	----	----	0.0796	3.86	0.999	1.00	9.6	50.00	200.0	500.0	1000.	2000.	4000.		
Aroclor-1016	1	3	LinF	0.1843	0.1700	0.1569	0.1537	0.1496	0.1475	----	----	0.160	4.32	1.00	1.00	8.8	50.00	200.0	500.0	1000.	2000.	4000.		
Aroclor-1016	1	4	Avg	0.0543	0.0530	0.0502	0.0504	0.0494	0.0492	----	----	0.0511	4.56	1.00	1.00	4.1	50.00	200.0	500.0	1000.	2000.	4000.		
Aroclor-1016	1	5	LinF	0.1201	0.1143	0.1048	0.1022	0.0976	0.0947	----	----	0.106	4.68	1.00	1.00	9.3	50.00	200.0	500.0	1000.	2000.	4000.		
Aroclor-1260	1	1	LinF	0.1266	0.1101	0.0990	0.0966	0.0929	0.0910	----	----	0.103	6.20	1.00	1.00	13	50.00	200.0	500.0	1000.	2000.	4000.		
Aroclor-1260	1	2	LinF	0.1538	0.1317	0.1200	0.1173	0.1140	0.1131	----	----	0.125	6.45	1.00	1.00	13	50.00	200.0	500.0	1000.	2000.	4000.		
Aroclor-1260	1	3	LinF	0.0509	0.0582	0.0586	0.0612	0.0633	0.0667	----	----	0.0599	6.65	0.999	1.00	9.0	50.00	200.0	500.0	1000.	2000.	4000.		
Aroclor-1260	1	4	Avg	0.0839	0.0809	0.0769	0.0777	0.0768	0.0773	----	----	0.0790	7.24	1.00	1.00	3.6	50.00	200.0	500.0	1000.	2000.	4000.		
Aroclor-1260	1	5	Avg	0.1488	0.1422	0.1438	0.1515	0.1551	0.1629	----	----	0.151	7.97	0.999	1.00	5.1	50.00	200.0	500.0	1000.	2000.	4000.		
Aroclor-1221	1	1	Avg	----	----	----	----	----	----	----	----	0.0248	3.29	-1	-1	Lvl=10	500.0							
Aroclor-1221	1	2	Avg	----	----	----	----	----	----	----	----	0.0161	3.44	-1	-1	Lvl=10	500.0							
Aroclor-1221	1	3	Avg	----	----	----	----	----	----	----	----	0.0688	3.50	-1	-1	Lvl=10	500.0							
Aroclor-1232	1	1	Avg	----	----	----	----	----	----	----	----	0.0452	3.50	-1	-1	Lvl=7	500.0							
Aroclor-1232	1	2	Avg	----	----	----	----	----	----	----	----	0.0412	3.86	-1	-1	Lvl=7	500.0							
Aroclor-1232	1	3	Avg	----	----	----	----	----	----	----	----	0.0764	4.32	-1	-1	Lvl=7	500.0							
Aroclor-1232	1	4	Avg	----	----	----	----	----	----	----	----	0.0350	4.45	-1	-1	Lvl=7	500.0							
Aroclor-1232	1	5	Avg	----	----	----	----	----	----	----	----	0.0389	4.93	-1	-1	Lvl=7	500.0							
Aroclor-1242	1	1	Avg	----	----	----	----	----	----	----	----	0.0394	3.50	-1	-1	Lvl=8	500.0							
Aroclor-1242	1	2	Avg	----	----	----	----	----	----	----	----	0.0713	3.86	-1	-1	Lvl=8	500.0							
Aroclor-1242	1	3	Avg	----	----	----	----	----	----	----	----	0.141	4.32	-1	-1	Lvl=8	500.0							
Aroclor-1242	1	4	Avg	----	----	----	----	----	----	----	----	0.0928	4.68	-1	-1	Lvl=8	500.0							
Aroclor-1242	1	5	Avg	----	----	----	----	----	----	----	----	0.0649	4.93	-1	-1	Lvl=8	500.0							
Aroclor-1248	1	1	Avg	----	----	----	----	----	----	----	----	0.0372	3.86	-1	-1	Lvl=9	500.0							
Aroclor-1248	1	2	Avg	----	----	----	----	----	----	----	----	0.0947	4.32	-1	-1	Lvl=9	500.0							
Aroclor-1248	1	3	Avg	----	----	----	----	----	----	----	----	0.155	4.68	-1	-1	Lvl=9	500.0							
Aroclor-1248	1	4	Avg	----	----	----	----	----	----	----	----	0.0895	5.02	-1	-1	Lvl=9	500.0							
Aroclor-1248	1	5	Avg	----	----	----	----	----	----	----	----	0.107	5.62	-1	-1	Lvl=9	500.0							
Aroclor-1254	1	1	Avg	----	----	----	----	----	----	----	----	0.0913	5.92	-1	-1	Lvl=10	500.0							
Aroclor-1254	1	2	Avg	----	----	----	----	----	----	----	----	0.146	6.03	-1	-1	Lvl=10	500.0							
Aroclor-1254	1	3	Avg	----	----	----	----	----	----	----	----	0.105	6.31	-1	-1	Lvl=10	500.0							
Aroclor-1254	1	4	Avg	----	----	----	----	----	----	----	----	0.0544	6.70	-1	-1	Lvl=10	500.0							
Aroclor-1254	1	5	Avg	----	----	----	----	----	----	----	----	0.144	6.84	-1	-1	Lvl=10	500.0							
Aroclor-1262	1	1	Avg	----	----	----	----	----	----	----	----	0.153	6.88	-1	-1	Lvl=11	500.0							
Aroclor-1262	1	2	Avg	----	----	----	----	----	----	----	----	0.101	7.89	-1	-1	Lvl=11	500.0							

Avg Rsd Col 1: 7.54 Avg Rsd Col 2: 8.86

Flags

c - failed the initial calibration criteria(if applicable)

Note:

Col = Column Number
Mr = MultiPeak Analyte 0=single peak analyte..>0=multi peak analyte (i.e. pcb/chlordane etc..)
Fit = Indicates whether Avg RF, Linear, or Quadratic Curve was used for compound.
Corr 1 = Correlation Coefficient for linear Eq.
Corr 2 = Correlation Coefficient for quad Eq.

All Response Factors = Response Factors / 10000
Initial Calibration Criteria: either %RSD <=20 or Corr >= .995
Columns: Signal #1 db-1701 : Signal #2 db-608

^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 #

Form 6
Initial Calibration

Method: EPA 8082

Instrument: GC_2

Level #:	Data File:	Cal Identifier:	Analysis Date/Time	Level #:	Data File:	Cal Identifier:	Analysis Date/Time
1	2G51085.	CAL 1660@50PPB	12/01/09 04:42	2	2G51086.	CAL 1660@200PPB	12/01/09 04:56
3	2G51084.	CAL 1660@500PPB	12/01/09 04:29	4	2G51087.	CAL 1660@1000PPB	12/01/09 05:10
5	2G51090.	CAL 1660@2000PPB	12/01/09 05:52	6	2G51091.	CAL 1660@4000PPB	12/01/09 06:06
7	2G51092.	CAL 3268@500PPB	12/01/09 06:19	8	2G51093.	CAL 1242@500PPB	12/01/09 06:33
9	2G51094.	CAL 1248@500PPB	12/01/09 06:47	10	2G51095.	CAL 2154@500PPB	12/01/09 07:01
11	2G51096.	CAL 1262@500PPB	12/01/09 07:15				

Compound	Col	Mr	Fit:	RF1	RF2	RF3	RF4	RF5	RF6	RF7	RF8	AvgRf	RT	Corr1	Corr2	%Rsd	Calibration Level Concentrations Lvl1	Lvl2	Lvl3	Lvl4	Lvl5	Lvl6	Lvl7	Lvl8
Aroclor-1248	2	4	Avg	----	----	----	----	----	----	----	----	0.0505	5.15	-1	-1	Lvl=9	500.0							
Aroclor-1248	2	5	Avg	----	----	----	----	----	----	----	----	0.0665	5.29	-1	-1	Lvl=9	500.0							
Aroclor-1254	2	1	Avg	----	----	----	----	----	----	----	----	0.0848	5.51	-1	-1	Lvl=10	500.0							
Aroclor-1254	2	2	Avg	----	----	----	----	----	----	----	----	0.0272	5.84	-1	-1	Lvl=10	500.0							
Aroclor-1254	2	3	Avg	----	----	----	----	----	----	----	----	0.0819	6.23	-1	-1	Lvl=10	500.0							
Aroclor-1254	2	4	Avg	----	----	----	----	----	----	----	----	0.0356	6.74	-1	-1	Lvl=10	500.0							
Aroclor-1254	2	5	Avg	----	----	----	----	----	----	----	----	0.0391	7.43	-1	-1	Lvl=10	500.0							
Aroclor-1262	2	1	Avg	----	----	----	----	----	----	----	----	0.112	6.94	-1	-1	Lvl=11	500.0							
Aroclor-1262	2	2	Avg	----	----	----	----	----	----	----	----	0.0847	7.97	-1	-1	Lvl=11	500.0							
Aroclor-1262	2	3	Avg	----	----	----	----	----	----	----	----	0.0801	8.07	-1	-1	Lvl=11	500.0							
Aroclor-1262	2	4	Avg	----	----	----	----	----	----	----	----	0.0960	8.61	-1	-1	Lvl=11	500.0							
Aroclor-1262	2	5	Avg	----	----	----	----	----	----	----	----	0.0239	9.03	-1	-1	Lvl=11	500.0							
Aroclor-1268	2	1	Avg	----	----	----	----	----	----	----	----	0.0152	7.47	-1	-1	Lvl=7	500.0							
Aroclor-1268	2	2	Avg	----	----	----	----	----	----	----	----	0.0249	7.52	-1	-1	Lvl=7	500.0							
Aroclor-1268	2	3	Avg	----	----	----	----	----	----	----	----	0.194	8.38	-1	-1	Lvl=7	500.0							
Aroclor-1268	2	4	Avg	----	----	----	----	----	----	----	----	0.0470	8.52	-1	-1	Lvl=7	500.0							
Aroclor-1268	2	5	Avg	----	----	----	----	----	----	----	----	0.628	9.03	-1	-1	Lvl=7	500.0							
DCB-Surrogate	2	0	Avg	1.4713	1.5097	1.4862	1.4865	1.4743	1.5098	----	----	1.49	9.43	1.00	1.00	1.1	5.00	20.00	50.00	100.0	200.0	400.0		

Avg Rsd Col 1: 7.54 Avg Rsd Col 2: 8.86

Flags

c - failed the initial calibration criteria(if applicable)

Note:

Col = Column Number
Mr = MultiPeak Analyte 0=single peak analyte, >0=multi peak analyte (i.e. peb/chlordane etc..)
Fit = Indicates whehter Avg RF, Linear, or Quadratic Curve was used for compound
Corr 1 = Correlation Coefficient for linear Eq.
Corr 2 = Correlation Coefficient for quad Eq

All Response Factors = Response Factors / 10000
Initial Calibration Criteria: either %RSD <=20 or Corr >= .995
Columns: Signal #1 db-1701 ; Signal #2 db-608

^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 #

Form 6
Initial Calibration

Method: EPA 8082

Instrument: GC_2

Level #:	Data File:	Cal Identifier:	Analysis Date/Time	Level #:	Data File:	Cal Identifier:	Analysis Date/Time
1	2G51585.	CAL 1660@50PPB	12/17/09 13:14	2	2G51584.	CAL 1660@200PPB	12/17/09 13:01
3	2G51583.	CAL 1660@500PPB	12/17/09 12.47	4	2G51586.	CAL 1660@1000PPB	12/17/09 13:28
5	2G51587.	CAL 1660@2000PPB	12/17/09 13:42	6	2G51588.	CAL 1660@4000PPB	12/17/09 13:56
7	2G51590.	CAL 3268@500PPB	12/17/09 14:26	8	2G51591.	CAL 1242@500PPB	12/17/09 14:40
9	2G51592.	CAL 1248@500PPB	12/17/09 14:54	10	2G51593.	CAL 2154@500PPB	12/17/09 15:08
11	2G51594.	CAL 1262@500PPB	12/17/09 15:22				

Compound	Col	Mr	Fit:	RF1	RF2	RF3	RF4	RF5	RF6	RF7	RF8	AvgRf	RT	Corr1	Corr2	%Rsd	Calibration Level Concentrations Lvl1	Lvl2	Lvl3	Lvl4	Lvl5	Lvl6	Lvl7	Lvl8
TCMX-Surrogate	1	0	Avg	1.7467	1.7814	1.8093	1.8355	1.9095	1.8628	----	----	1.82	2.94	1.00	1.00	3.2	5.00	20.00	50.00	100.0	200.0	400.0		
Aroclor-1016	1	1	LinF	0.0458	0.0452	0.0451	0.0430	0.0413	0.0382	----	----	0.0431	3.47	0.998	1.00	6.8	50.00	200.0	500.0	1000.	2000.	4000.		
Aroclor-1016	1	2	LinF	0.0984	0.0935	0.0862	0.0835	0.0786	0.0725	----	----	0.0855	3.83	0.998	1.00	11	50.00	200.0	500.0	1000.	2000.	4000.		
Aroclor-1016	1	3	LinF	0.2010	0.1881	0.1735	0.1674	0.1605	0.1509	----	----	0.174	4.29	0.999	1.00	11	50.00	200.0	500.0	1000.	2000.	4000.		
Aroclor-1016	1	4	LinF	0.0611	0.0591	0.0559	0.0555	0.0540	0.0516	----	----	0.0562	4.53	0.999	1.00	6.1	50.00	200.0	500.0	1000.	2000.	4000.		
Aroclor-1016	1	5	LinF	0.1375	0.1273	0.1162	0.1129	0.1064	0.0992	----	----	0.117	4.65	0.998	1.00	12	50.00	200.0	500.0	1000.	2000.	4000.		
Aroclor-1260	1	1	LinF	0.1127	0.1094	0.1035	0.1025	0.0988	0.0934	----	----	0.103	6.15	0.999	1.00	6.8	50.00	200.0	500.0	1000.	2000.	4000.		
Aroclor-1260	1	2	LinF	0.1756	0.1494	0.1336	0.1291	0.1249	0.1187	----	----	0.139	6.40	0.999	1.00	15	50.00	200.0	500.0	1000.	2000.	4000.		
Aroclor-1260	1	3	Avg	0.0776	0.0740	0.0695	0.0704	0.0721	0.0716	----	----	0.0726	6.60	1.00	1.00	4.0	50.00	200.0	500.0	1000.	2000.	4000.		
Aroclor-1260	1	4	Avg	0.0831	0.0856	0.0837	0.0844	0.0836	0.0808	----	----	0.0836	7.19	1.00	1.00	1.9	50.00	200.0	500.0	1000.	2000.	4000.		
Aroclor-1260	1	5	Avg	0.1486	0.1518	0.1593	0.1604	0.1652	0.1661	----	----	0.159	7.92	1.00	1.00	4.5	50.00	200.0	500.0	1000.	2000.	4000.		
Aroclor-1221	1	1	Avg	----	----	----	----	----	----	----	----	0.0258	3.26	-1	-1	Lvl=10	500.0							
Aroclor-1221	1	2	Avg	----	----	----	----	----	----	----	----	0.0176	3.41	-1	-1	Lvl=10	500.0							
Aroclor-1221	1	3	Avg	----	----	----	----	----	----	----	----	0.0719	3.47	-1	-1	Lvl=10	500.0							
Aroclor-1232	1	1	Avg	----	----	----	----	----	----	----	----	0.0465	3.50	-1	-1	Lvl=7	500.0							
Aroclor-1232	1	2	Avg	----	----	----	----	----	----	----	----	0.0421	3.86	-1	1	Lvl=7	500.0							
Aroclor-1232	1	3	Avg	----	----	----	----	----	----	----	----	0.0791	4.32	-1	-1	Lvl=7	500.0							
Aroclor-1232	1	4	Avg	----	----	----	----	----	----	----	----	0.0371	4.45	-1	-1	Lvl=7	500.0							
Aroclor-1232	1	5	Avg	----	----	----	----	----	----	----	----	0.0399	4.93	-1	-1	Lvl=7	500.0							
Aroclor-1242	1	1	Avg	----	----	----	----	----	----	----	----	0.0411	3.50	-1	-1	Lvl=8	500.0							
Aroclor-1242	1	2	Avg	----	----	----	----	----	----	----	----	0.0728	3.86	-1	-1	Lvl=8	500.0							
Aroclor-1242	1	3	Avg	----	----	----	----	----	----	----	----	0.146	4.32	-1	-1	Lvl=8	500.0							
Aroclor-1242	1	4	Avg	----	----	----	----	----	----	----	----	0.0976	4.68	-1	-1	Lvl=8	500.0							
Aroclor-1242	1	5	Avg	----	----	----	----	----	----	----	----	0.0660	4.93	-1	-1	Lvl=8	500.0							
Aroclor-1248	1	1	Avg	----	----	----	----	----	----	----	----	0.0376	3.86	-1	-1	Lvl=9	500.0							
Aroclor-1248	1	2	Avg	----	----	----	----	----	----	----	----	0.0966	4.32	-1	-1	Lvl=9	500.0							
Aroclor-1248	1	3	Avg	----	----	----	----	----	----	----	----	0.160	4.68	-1	-1	Lvl=9	500.0							
Aroclor-1248	1	4	Avg	----	----	----	----	----	----	----	----	0.0904	5.02	-1	-1	Lvl=9	500.0							
Aroclor-1248	1	5	Avg	----	----	----	----	----	----	----	----	0.111	5.62	-1	-1	Lvl=9	500.0							
Aroclor-1254	1	1	Avg	----	----	----	----	----	----	----	----	0.0971	5.88	-1	-1	Lvl=10	500.0							
Aroclor-1254	1	2	Avg	----	----	----	----	----	----	----	----	0.156	5.99	-1	-1	Lvl=10	500.0							
Aroclor-1254	1	3	Avg	----	----	----	----	----	----	----	----	0.109	6.27	-1	-1	Lvl=10	500.0							
Aroclor-1254	1	4	Avg	----	----	----	----	----	----	----	----	0.0607	6.65	-1	-1	Lvl=10	500.0							
Aroclor-1254	1	5	Avg	----	----	----	----	----	----	----	----	0.157	6.80	-1	-1	Lvl=10	500.0							
Aroclor-1262	1	1	Avg	----	----	----	----	----	----	----	----	0.158	6.83	-1	-1	Lvl=11	500.0							
Aroclor-1262	1	2	Avg	----	----	----	----	----	----	----	----	0.101	7.84	-1	-1	Lvl=11	500.0							

Avg Rsd Col 1: 7.23 Avg Rsd Col 2: 9.1

Flags

c - failed the initial calibration criteria(if applicable)

Note:

Col = Column Number
Mr = MultiPeak Analyte 0=single peak analyte, >0=multi peak analyte (i.e. pcb/chlordane etc.)
Fit = Indicates whether Avg RF, Linear, or Quadratic Curve was used for compound.
Corr 1 = Correlation Coefficient for linear Eq.
Corr 2 = Correlation Coefficient for quad Eq.

All Response Factors = Response Factors / 10000
Initial Calibration Criteria: either %RSD <=20 or Corr >= .995
Columns: Signal #1 db-1701 ; Signal #2 db-608

^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 #

Form 6
Initial Calibration

Method: EPA 8082

Instrument: GC_2

Level #:	Data File:	Cal Identifier:	Analysis Date/Time	Level #:	Data File:	Cal Identifier:	Analysis Date/Time
1	2G51585.	CAL 1660@50PPB	12/17/09 13:14	2	2G51584.	CAL 1660@200PPB	12/17/09 13:01
3	2G51583.	CAL 1660@500PPB	12/17/09 12:47	4	2G51586.	CAL 1660@1000PPB	12/17/09 13:28
5	2G51587.	CAL 1660@2000PPB	12/17/09 13:42	6	2G51588.	CAL 1660@4000PPB	12/17/09 13:56
7	2G51590.	CAL 3268@500PPB	12/17/09 14:26	8	2G51591.	CAL 1242@500PPB	12/17/09 14:40
9	2G51592.	CAL 1248@500PPB	12/17/09 14:54	10	2G51593.	CAL 2154@500PPB	12/17/09 15:08
11	2G51594.	CAL 1262@500PPB	12/17/09 15:22				

Compound	Col	Mr	Fit:	RF1	RF2	RF3	RF4	RF5	RF6	RF7	RF8	AvgRf	RT	Corr1	Corr2	%Rsd	Calibration Level Concentrations Lvl1	Lvl2	Lvl3	Lvl4	Lvl5	Lvl6	Lvl7	Lvl8
Aroclor-1262	1	3	Avg	----	----	----	----	----	----	----	----	0.214	7.91	-1	-1	Lvl=11	500.0							
Aroclor-1262	1	4	Avg	----	----	----	----	----	----	----	----	0.103	8.60	-1	-1	Lvl=11	500.0							
Aroclor-1262	1	5	Avg	----	----	----	----	----	----	----	----	0.0345	8.89	-1	-1	Lvl=11	500.0							
Aroclor-1268	1	1	Avg	----	----	----	----	----	----	----	----	0.0236	7.23	-1	-1	Lvl=7	500.0							
Aroclor-1268	1	2	Avg	----	----	----	----	----	----	----	----	0.0450	7.56	-1	-1	Lvl=7	500.0							
Aroclor-1268	1	3	Avg	----	----	----	----	----	----	----	----	0.280	8.13	-1	-1	Lvl=7	500.0							
Aroclor-1268	1	4	Avg	----	----	----	----	----	----	----	----	0.0756	8.22	-1	-1	Lvl=7	500.0							
Aroclor-1268	1	5	Avg	----	----	----	----	----	----	----	----	0.893	8.94	-1	-1	Lvl=7	500.0							
DCB-Surrogate	1	0	Avg	2.5490	2.4015	2.2602	2.3488	2.3333	2.2398	----	----	2.36	9.05	1.00	1.00	4.7	5.00	20.00	50.00	100.0	200.0	400.0		
TCMX-Surrogate	2	0	Avg	1.2470	1.2672	1.2741	1.3597	1.4034	1.4176	----	----	1.33	2.95	1.00	1.00	5.6	5.00	20.00	50.00	100.0	200.0	400.0		
Aroclor-1016	2	1	LinF	0.0336	0.0326	0.0299	0.0294	0.0279	0.0258	----	----	0.0299	3.55	0.998	1.00	9.7	50.00	200.0	500.0	1000.	2000.	4000.		
Aroclor-1016	2	2	LinF	0.0812	0.0687	0.0603	0.0597	0.0561	0.0524	----	----	0.0631	3.95	0.999	1.00	17	50.00	200.0	500.0	1000.	2000.	4000.		
Aroclor-1016	2	3	LinF	0.1638	0.1339	0.1215	0.1196	0.1166	0.1120	----	----	0.128	4.32	1.00	1.00	15	50.00	200.0	500.0	1000.	2000.	4000.		
Aroclor-1016	2	4	LinF	0.0652	0.0626	0.0557	0.0554	0.0528	0.0497	----	----	0.0570	4.64	0.999	1.00	10	50.00	200.0	500.0	1000.	2000.	4000.		
Aroclor-1016	2	5	LinF	0.0468	0.0425	0.0392	0.0394	0.0371	0.0349	----	----	0.0400	5.01	0.999	1.00	10	50.00	200.0	500.0	1000.	2000.	4000.		
Aroclor-1260	2	1	LinF	0.0910	0.0822	0.0760	0.0752	0.0728	0.0700	----	----	0.0779	6.30	1.00	1.00	9.8	50.00	200.0	500.0	1000.	2000.	4000.		
Aroclor-1260	2	2	LinF	0.0966	0.0897	0.0834	0.0825	0.0803	0.0779	----	----	0.0851	6.39	1.00	1.00	8.1	50.00	200.0	500.0	1000.	2000.	4000.		
Aroclor-1260	2	3	LinF	0.0387	0.0346	0.0331	0.0325	0.0325	0.0319	----	----	0.0339	7.01	1.00	1.00	7.5	50.00	200.0	500.0	1000.	2000.	4000.		
Aroclor-1260	2	4	LinF	0.0594	0.0566	0.0540	0.0533	0.0523	0.0515	----	----	0.0546	7.37	1.00	1.00	5.5	50.00	200.0	500.0	1000.	2000.	4000.		
Aroclor-1260	2	5	Avg	0.0718	0.0691	0.0662	0.0699	0.0719	0.0737	----	----	0.0705	8.06	1.00	1.00	3.7	50.00	200.0	500.0	1000.	2000.	4000.		
Aroclor-1221	2	1	Avg	----	----	----	----	----	----	----	----	0.0220	3.33	-1	-1	Lvl=10	500.0							
Aroclor-1221	2	2	Avg	----	----	----	----	----	----	----	----	0.0140	3.48	-1	-1	Lvl=10	500.0							
Aroclor-1221	2	3	Avg	----	----	----	----	----	----	----	----	0.0440	3.54	-1	-1	Lvl=10	500.0							
Aroclor-1232	2	1	Avg	----	----	----	----	----	----	----	----	0.0299	3.55	-1	-1	Lvl=7	500.0							
Aroclor-1232	2	2	Avg	----	----	----	----	----	----	----	----	0.0337	3.96	-1	-1	Lvl=7	500.0							
Aroclor-1232	2	3	Avg	----	----	----	----	----	----	----	----	0.0613	4.33	-1	-1	Lvl=7	500.0							
Aroclor-1232	2	4	Avg	----	----	----	----	----	----	----	----	0.0211	4.50	-1	-1	Lvl=7	500.0							
Aroclor-1232	2	5	Avg	----	----	----	----	----	----	----	----	0.0158	5.15	-1	-1	Lvl=7	500.0							
Aroclor-1242	2	1	Avg	----	----	----	----	----	----	----	----	0.0290	3.55	-1	-1	Lvl=8	500.0							
Aroclor-1242	2	2	Avg	----	----	----	----	----	----	----	----	0.0550	3.96	-1	-1	Lvl=8	500.0							
Aroclor-1242	2	3	Avg	----	----	----	----	----	----	----	----	0.107	4.33	-1	-1	Lvl=8	500.0							
Aroclor-1242	2	4	Avg	----	----	----	----	----	----	----	----	0.0495	4.65	-1	-1	Lvl=8	500.0							
Aroclor-1242	2	5	Avg	----	----	----	----	----	----	----	----	0.0341	5.68	-1	-1	Lvl=8	500.0							
Aroclor-1248	2	1	Avg	----	----	----	----	----	----	----	----	0.0277	3.96	-1	-1	Lvl=9	500.0							
Aroclor-1248	2	2	Avg	----	----	----	----	----	----	----	----	0.0735	4.32	-1	-1	Lvl=9	500.0							
Aroclor-1248	2	3	Avg	----	----	----	----	----	----	----	----	0.0576	4.65	-1	-1	Lvl=9	500.0							

Avg Rsd Col 1: 7.23 Avg Rsd Col 2: 9.1

Flags

c - failed the initial calibration criteria(if applicable)

Note:

Col = Column Number
Mr = MultiPeak Analyte 0=single peak analyte >0=multi peak analyte (i.e. pcb/chlordane etc.)
Fit = Indicates whether Avg RF, Linear or Quadratic Curve was used for compound.
Corr 1 = Correlation Coefficient for linear Eq.
Corr 2 = Correlation Coefficient for quad Eq.

All Response Factors = Response Factors / 10000
Initial Calibration Criteria: either %RSD <=20 or Corr >= .995
Columns: Signal #1 db-1701 ; Signal #2 db-608

^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 #

Form 6
Initial Calibration

Method: EPA 8082

Instrument: GC_2

Level #:	Data File:	Cal Identifier:	Analysis Date/Time	Level #:	Data File:	Cal Identifier:	Analysis Date/Time
1	2G51585.	CAL 1660@50PPB	12/17/09 13:14	2	2G51584.	CAL 1660@200PPB	12/17/09 13:01
3	2G51583.	CAL 1660@500PPB	12/17/09 12:47	4	2G51586.	CAL 1660@1000PPB	12/17/09 13:28
5	2G51587.	CAL 1660@2000PPB	12/17/09 13:42	6	2G51588.	CAL 1660@4000PPB	12/17/09 13:56
7	2G51590.	CAL 3268@500PPB	12/17/09 14:26	8	2G51591.	CAL 1242@500PPB	12/17/09 14:40
9	2G51592.	CAL 1248@500PPB	12/17/09 14:54	10	2G51593.	CAL 2154@500PPB	12/17/09 15:08
11	2G51594.	CAL 1262@500PPB	12/17/09 15:22				

Compound	Col	Mr	Fit	RF1	RF2	RF3	RF4	RF5	RF6	RF7	RF8	AvgRf	RT	Corr1	Corr2	%Rsd	Calibration Level Concentrations Lvl1	Lvl2	Lvl3	Lvl4	Lvl5	Lvl6	Lvl7	Lvl8
Aroclor-1248	2	4	Avg	----	----	----	----	----	----	----	----	0.0493	5.15	-1	-1	Lvl=9	500.0							
Aroclor-1248	2	5	Avg	----	----	----	----	----	----	----	----	0.0646	5.29	-1	-1	Lvl=9	500.0							
Aroclor-1254	2	1	Avg	----	----	----	----	----	----	----	----	0.0833	5.51	-1	-1	Lvl=10	500.0							
Aroclor-1254	2	2	Avg	----	----	----	----	----	----	----	----	0.0268	5.83	-1	-1	Lvl=10	500.0							
Aroclor-1254	2	3	Avg	----	----	----	----	----	----	----	----	0.0790	6.23	-1	-1	Lvl=10	500.0							
Aroclor-1254	2	4	Avg	----	----	----	----	----	----	----	----	0.0337	6.73	-1	-1	Lvl=10	500.0							
Aroclor-1254	2	5	Avg	----	----	----	----	----	----	----	----	0.0379	7.42	-1	-1	Lvl=10	500.0							
Aroclor-1262	2	1	Avg	----	----	----	----	----	----	----	----	0.108	6.94	-1	-1	Lvl=11	500.0							
Aroclor-1262	2	2	Avg	----	----	----	----	----	----	----	----	0.0799	7.96	-1	-1	Lvl=11	500.0							
Aroclor-1262	2	3	Avg	----	----	----	----	----	----	----	----	0.0750	8.06	-1	-1	Lvl=11	500.0							
Aroclor-1262	2	4	Avg	----	----	----	----	----	----	----	----	0.0916	8.60	-1	-1	Lvl=11	500.0							
Aroclor-1262	2	5	Avg	----	----	----	----	----	----	----	----	0.0231	9.02	-1	-1	Lvl=11	500.0							
Aroclor-1268	2	1	Avg	----	----	----	----	----	----	----	----	0.0164	7.47	-1	-1	Lvl=7	500.0							
Aroclor-1268	2	2	Avg	----	----	----	----	----	----	----	----	0.0234	7.52	-1	-1	Lvl=7	500.0							
Aroclor-1268	2	3	Avg	----	----	----	----	----	----	----	----	0.180	8.38	-1	-1	Lvl=7	500.0							
Aroclor-1268	2	4	Avg	----	----	----	----	----	----	----	----	0.0443	8.52	-1	-1	Lvl=7	500.0							
Aroclor-1268	2	5	Avg	----	----	----	----	----	----	----	----	0.578	9.03	-1	-1	Lvl=7	500.0							
DCB-Surrogate	2	0	Avg	1.6700	1.5207	1.4076	1.4285	1.4222	1.4056	----	----	1.48	9.43	1.00	1.00	7.1	5.00	20.00	50.00	100.0	200.0	400.0		

Avg Rsd Col 1: 7.23 Avg Rsd Col 2: 9.1

Flags

e - failed the initial calibration criteria(if applicable)

Note:

Col = Column Number
Mr = MultiPeak Analyte 0=single peak analyte >0=multi peak analyte (i.e. pcb/chlordane etc.)
Fit = Indicates whether Avg RF, Linear, or Quadratic Curve was used for compound.
Corr 1 = Correlation Coefficient for linear Eq.
Corr 2 = Correlation Coefficient for quad Eq.

All Response Factors = Response Factors / 10000
Initial Calibration Criteria: either %RSD <=20 or Corr >= .995
Columns: Signal #1 db-1701 , Signal #2 db-608

^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 #

Form7
Continuing Calibration

Method: EPA 8082

Data File:				2G51364.D				2G51375.D				2G51381.D				2G51597.D				2G51618.D			
Method:				8082				8082				8082				8082				8082			
Calibration Name:				CAL 1660@500PP				CAL 1660@1000PP				CAL 1660@1000PP				CAL 1660@1000PP				CAL 1660@2000PP			
Calibration Date/Time				12/10/09 08:19				12/10/09 10:56				12/10/09 12:18				12/18/09 00:05				12/18/09 04:56			
Compound	Limit	Col	Mr	Conc	Exp	%Diff		Conc	Exp	%Diff		Conc	Exp	%Diff		Conc	Exp	%Diff		Conc	Exp	%Diff	
TCMX-Surrogate	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	15	1	1	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	1	5	487.1	500	2.6		1153	1000	15.3		1128	1000	12.8		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	11.5		773.4	1000	22.7*		1833	2000	8.3	
Aroclor-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-1260	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	
DCB-Surrogate	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 Difference	15	1	0			9.8				7.8				8.9				22.4*				9.2	
TCMX-Surrogate	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	
Aroclor-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	
Aroclor-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	
Aroclor-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-Surrogate	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 Difference	15	2	0			3.8				3.1				2.9				6.4				6.0	

Flags/Notes: ** - Values outside of limits for this column/run*

Form7
Continuing Calibration

Method: EPA 8082

Data File:				2G51635.D												
Method:				8082												
Calibration Name:				CAL 1660@2000PP												
Calibration Date/Time				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												
Aroclor-1016	15	1	3	1793	2000	10.3												
Aroclor-1016	15	1	4	1766	2000	11.7												
Aroclor-1016	15	1	5	1816	2000	9.2												
Aroclor-1260	15	1	1	1799	2000	10.1												
Aroclor-1260	15	1	2	1733	2000	13.4												
Aroclor-1260	15	1	3	1624	2000	18.8*												
Aroclor-1260	15	1	4	1659	2000	17.0*												
Aroclor-1260	15	1	5	1701	2000	15.0												
DCB-Surrogate	15	1	0	160.2	200	19.9*												
Average Difference	15	1	0			12.5												
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												
Aroclor-1016	15	2	5	2056	2000	2.8												
Aroclor-1260	15	2	1	1992	2000	0.4												
Aroclor-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												
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												

Flags/Notes: ** - Values outside of limits for this column/run*

Form7

RtWindow Summary

Method: EPA 8082

Compound	Col	Mr	2G51085.D CAL 1660@50PPB 12/1/2009 4:42:00 AM Cal RT	Limit	2G51585.D CAL 1660@50PPB 12/17/2009 1:14:00 PM Cal RT	Limit	2G51364 D CAL 1660@500PPB 12/10/2009 8:19:00 AM Cal RT	Limit	2G51375.D CAL 1660@1000PPB 12/10/2009 10:56:00 AM Cal RT	Limit	2G51397.D CAL 1660@1000PPB 12/18/2009 12:05:00 AM Cal RT	Limit
TCMX-Surrogate	1	0	2.96	(2.90 - 3.02)	2.94	(2.88 - 3.00)	2.95	(2.89 - 3.01)	2.96	(2.90 - 3.02)	2.94	(2.88 - 3.00)
Aroclor-1016	1	1	3.50	(3.46 - 3.54)	3.47	(3.43 - 3.51)	3.48	(3.44 - 3.52)	3.49	(3.45 - 3.53)	3.47	(3.43 - 3.51)
Aroclor-1016	1	2	3.86	(3.82 - 3.90)	3.83	(3.79 - 3.87)	3.84	(3.80 - 3.88)	3.85	(3.81 - 3.89)	3.84	(3.80 - 3.88)
Aroclor-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)
Aroclor-1016	1	4	4.56	(4.52 - 4.60)	4.53	(4.49 - 4.57)	4.54	(4.50 - 4.58)	4.54	(4.50 - 4.58)	4.53	(4.49 - 4.57)
Aroclor-1016	1	5	4.68	(4.64 - 4.72)	4.65	(4.61 - 4.69)	4.66	(4.62 - 4.70)	4.66	(4.62 - 4.70)	4.65	(4.61 - 4.69)
Aroclor-1260	1	1	6.20	(6.15 - 6.24)	6.15	(6.11 - 6.19)	6.16	(6.12 - 6.20)	6.17	(6.13 - 6.21)	6.15	(6.11 - 6.19)
Aroclor-1260	1	2	6.45	(6.41 - 6.49)	6.40	(6.36 - 6.44)	6.42	(6.38 - 6.46)	6.42	(6.38 - 6.46)	6.41	(6.37 - 6.45)
Aroclor-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 - 6.66)	6.60	(6.56 - 6.64)
Aroclor-1260	1	4	7.24	(7.20 - 7.28)	7.19	(7.15 - 7.23)	7.20	(7.16 - 7.24)	7.21	(7.17 - 7.25)	7.19	(7.15 - 7.23)
Aroclor-1260	1	5	7.97	(7.93 - 8.01)	7.91	(7.87 - 7.95)	7.93	(7.89 - 7.97)	7.93	(7.89 - 7.97)	7.92	(7.88 - 7.96)
Aroclor-1221	1	1	3.29	(3.25 - 3.33)	3.27	(3.23 - 3.31)						
Aroclor-1221	1	2	3.44	(3.40 - 3.48)	3.41	(3.37 - 3.45)						
Aroclor-1221	1	3	3.32	(3.28 - 3.36)	3.47	(3.43 - 3.51)						
Aroclor-1232	1	1	3.50	(3.46 - 3.54)	3.47	(3.43 - 3.51)						
Aroclor-1232	1	2	3.86	(3.82 - 3.90)	3.83	(3.79 - 3.87)						
Aroclor-1232	1	3	4.32	(4.28 - 4.36)	4.29	(4.25 - 4.33)						
Aroclor-1232	1	4	4.45	(4.41 - 4.49)	4.42	(4.38 - 4.46)						
Aroclor-1232	1	5	4.93	(4.89 - 4.97)	4.89	(4.85 - 4.93)						
Aroclor-1242	1	1	3.39	(3.35 - 3.43)	3.47	(3.43 - 3.51)						
Aroclor-1242	1	2	3.78	(3.74 - 3.82)	3.83	(3.79 - 3.87)						
Aroclor-1242	1	3	4.19	(4.15 - 4.23)	4.29	(4.25 - 4.33)						
Aroclor-1242	1	4	4.57	(4.53 - 4.61)	4.65	(4.61 - 4.69)						
Aroclor-1242	1	5	4.80	(4.76 - 4.84)	4.89	(4.85 - 4.93)						
Aroclor-1248	1	1	3.68	(3.64 - 3.72)	3.83	(3.79 - 3.87)						
Aroclor-1248	1	2	4.16	(4.12 - 4.20)	4.29	(4.25 - 4.33)						
Aroclor-1248	1	3	4.50	(4.46 - 4.54)	4.64	(4.60 - 4.68)						
Aroclor-1248	1	4	4.85	(4.81 - 4.89)	4.98	(4.94 - 5.02)						
Aroclor-1248	1	5	5.45	(5.41 - 5.49)	5.58	(5.54 - 5.62)						
Aroclor-1254	1	1	5.77	(5.73 - 5.81)	5.88	(5.84 - 5.92)						
Aroclor-1254	1	2	5.83	(5.79 - 5.87)	5.99	(5.95 - 6.03)						
Aroclor-1254	1	3	6.17	(6.13 - 6.21)	6.27	(6.23 - 6.31)						
Aroclor-1254	1	4	6.50	(6.46 - 6.54)	6.65	(6.61 - 6.69)						
Aroclor-1254	1	5	6.70	(6.66 - 6.74)	6.80	(6.76 - 6.84)						
Aroclor-1262	1	1	6.72	(6.68 - 6.76)	6.83	(6.79 - 6.87)						
Aroclor-1262	1	2	7.73	(7.69 - 7.77)	7.84	(7.80 - 7.88)						
Aroclor-1262	1	3	7.76	(7.72 - 7.80)	7.91	(7.87 - 7.95)						
Aroclor-1262	1	4	8.51	(8.47 - 8.55)	8.60	(8.56 - 8.64)						
Aroclor-1262	1	5	8.80	(8.76 - 8.84)	8.89	(8.85 - 8.93)						
Aroclor-1268	1	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)						
Aroclor-1268	1	3	8.13	(8.09 - 8.17)	8.08	(8.04 - 8.12)						
Aroclor-1268	1	4	8.23	(8.19 - 8.27)	8.17	(8.13 - 8.21)						
Aroclor-1268	1	5	8.94	(8.90 - 8.98)	8.89	(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)
Aroclor-1016	2	1	3.55	(3.51 - 3.59)	3.54	(3.50 - 3.58)	3.55	(3.51 - 3.59)	3.56	(3.52 - 3.60)	3.54	(3.50 - 3.58)
Aroclor-1016	2	2	3.96	(3.92 - 4.00)	3.95	(3.91 - 3.99)	3.96	(3.92 - 4.00)	3.96	(3.92 - 4.00)	3.95	(3.91 - 3.99)
Aroclor-1016	2	3	4.32	(4.28 - 4.36)	4.32	(4.28 - 4.36)	4.33	(4.29 - 4.37)	4.33	(4.29 - 4.37)	4.32	(4.28 - 4.36)
Aroclor-1016	2	4	4.65	(4.61 - 4.69)	4.64	(4.60 - 4.68)	4.65	(4.61 - 4.69)	4.65	(4.61 - 4.69)	4.64	(4.60 - 4.68)
Aroclor-1016	2	5	5.01	(4.97 - 5.05)	5.01	(4.97 - 5.05)	5.01	(4.97 - 5.05)	5.02	(4.98 - 5.06)	5.00	(4.96 - 5.04)
Aroclor-1260	2	1	6.31	(6.27 - 6.35)	6.30	(6.26 - 6.34)	6.31	(6.27 - 6.35)	6.31	(6.27 - 6.35)	6.30	(6.26 - 6.34)
Aroclor-1260	2	2	6.40	(6.36 - 6.44)	6.39	(6.35 - 6.43)	6.40	(6.36 - 6.44)	6.40	(6.36 - 6.44)	6.39	(6.35 - 6.43)
Aroclor-1260	2	3	7.02	(6.98 - 7.06)	7.01	(6.97 - 7.05)	7.02	(6.98 - 7.06)	7.03	(6.99 - 7.07)	7.01	(6.97 - 7.05)
Aroclor-1260	2	4	7.37	(7.33 - 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	2	5	8.07	(8.03 - 8.11)	8.06	(8.02 - 8.10)	8.07	(8.03 - 8.11)	8.08	(8.04 - 8.12)	8.06	(8.02 - 8.10)
Aroclor-1221	2	1	3.34	(3.30 - 3.38)	3.34	(3.30 - 3.38)						
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)						
Aroclor-1232	2	1	3.55	(3.51 - 3.59)	3.55	(3.51 - 3.59)						
Aroclor-1232	2	2	3.96	(3.92 - 4.00)	3.95	(3.91 - 3.99)						
Aroclor-1232	2	3	4.33	(4.29 - 4.37)	4.32	(4.28 - 4.36)						
Aroclor-1232	2	4	4.50	(4.46 - 4.54)	4.50	(4.46 - 4.54)						
Aroclor-1232	2	5	5.15	(5.11 - 5.19)	5.14	(5.10 - 5.18)						
Aroclor-1242	2	1	3.45	(3.41 - 3.49)	3.55	(3.51 - 3.59)						
Aroclor-1242	2	2	3.92	(3.88 - 3.96)	3.95	(3.91 - 3.99)						
Aroclor-1242	2	3	4.26	(4.22 - 4.30)	4.32	(4.28 - 4.36)						
Aroclor-1242	2	4	4.57	(4.53 - 4.61)	4.64	(4.60 - 4.68)						
Aroclor-1242	2	5	5.60	(5.56 - 5.64)	5.67	(5.63 - 5.71)						
Aroclor-1248	2	1	3.78	(3.74 - 3.82)	3.95	(3.91 - 3.99)						
Aroclor-1248	2	2	4.20	(4.16 - 4.24)	4.32	(4.28 - 4.36)						
Aroclor-1248	2	3	4.58	(4.54 - 4.62)	4.65	(4.61 - 4.69)						
Aroclor-1248	2	4	5.08	(5.04 - 5.12)	5.14	(5.10 - 5.18)						
Aroclor-1248	2	5	5.22	(5.18 - 5.26)	5.28	(5.24 - 5.32)						
Aroclor-1254	2	1	5.44	(5.40 - 5.48)	5.51	(5.47 - 5.55)						
Aroclor-1254	2	2	5.76	(5.72 - 5.80)	5.83	(5.79 - 5.87)						
Aroclor-1254	2	3	6.15	(6.11 - 6.19)	6.23	(6.19 - 6.27)						
Aroclor-1254	2	4	6.74	(6.70 - 6.78)	6.73	(6.69 - 6.77)						
Aroclor-1254	2	5	7.38	(7.34 - 7.42)	7.42	(7.38 - 7.46)						
Aroclor-1262	2	1	6.87	(6.83 - 6.91)	6.94	(6.90 - 6.98)						
Aroclor-1262	2	2	7.92	(7.88 - 7.96)	7.96	(7.92 - 8.00)						
Aroclor-1262	2	3	7.97	(7.93 - 8.01)	8.06	(8.02 - 8.10)						
Aroclor-1262	2	4	8.56	(8.52 - 8.60)	8.60	(8.56 - 8.64)						
Aroclor-1262	2	5	9.03	(8.99 - 9.07)	9.02	(8.98 - 9.06)						
Aroclor-1268	2	1	7.47	(7.43 - 7.51)	7.46	(7.42 - 7.50)						
Aroclor-1268	2	2	7.52	(7.48 - 7.56)	7.51	(7.47 - 7.55)						
Aroclor-1268	2	3	8.38	(8.34 - 8.42)	8.37	(8.33 - 8.41)						
Aroclor-1268	2	4	8.52	(8.48 - 8.56)	8.51	(8.47 - 8.55)						
Aroclor-1268	2	5	9.03	(8.99 - 9.07)	9.02	(8.98 - 9.06)						
DCB-Surrogate	2	0	9.43	(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

Method: EPA 8082

Data File:	2G51618.D
Calibration Name:	CAL 1660@2000PPB
Calibration Date/Time	12/18/2009 4:56:00 AM

Compound	Col	Mr	Cal RT	Limit	Cal RT	Limit	Cal RT	Limit	Cal RT	Limit	Cal RT	Limit
TCMX-Surrogate	1	0	2.94	(2.88 - 3.00)								
Aroclor-1016	1	1	3.47	(3.43 - 3.51)								
Aroclor-1016	1	2	3.83	(3.79 - 3.87)								
Aroclor-1016	1	3	4.29	(4.25 - 4.33)								
Aroclor-1016	1	4	4.53	(4.49 - 4.57)								
Aroclor-1016	1	5	4.64	(4.60 - 4.68)								
Aroclor-1260	1	1	6.15	(6.11 - 6.19)								
Aroclor-1260	1	2	6.40	(6.36 - 6.44)								
Aroclor-1260	1	3	6.60	(6.56 - 6.64)								
Aroclor-1260	1	4	7.19	(7.15 - 7.23)								
Aroclor-1260	1	5	7.91	(7.87 - 7.95)								
Aroclor-1221	1	1										
Aroclor-1221	1	2										
Aroclor-1221	1	3										
Aroclor-1232	1	1										
Aroclor-1232	1	2										
Aroclor-1232	1	3										
Aroclor-1232	1	4										
Aroclor-1232	1	5										
Aroclor-1242	1	1										
Aroclor-1242	1	2										
Aroclor-1242	1	3										
Aroclor-1242	1	4										
Aroclor-1242	1	5										
Aroclor-1248	1	1										
Aroclor-1248	1	2										
Aroclor-1248	1	3										
Aroclor-1248	1	4										
Aroclor-1248	1	5										
Aroclor-1254	1	1										
Aroclor-1254	1	2										
Aroclor-1254	1	3										
Aroclor-1254	1	4										
Aroclor-1254	1	5										
Aroclor-1262	1	1										
Aroclor-1262	1	2										
Aroclor-1262	1	3										
Aroclor-1262	1	4										
Aroclor-1262	1	5										
Aroclor-1268	1	1										
Aroclor-1268	1	2										
Aroclor-1268	1	3										
Aroclor-1268	1	4										
Aroclor-1268	1	5										
DCB-Surrogate	1	0	9.05	(8.99 - 9.11)								
TCMX-Surrogate	2	0	2.95	(2.89 - 3.01)								
Aroclor-1016	2	1	3.54	(3.50 - 3.58)								
Aroclor-1016	2	2	3.95	(3.91 - 3.99)								
Aroclor-1016	2	3	4.32	(4.28 - 4.36)								
Aroclor-1016	2	4	4.64	(4.60 - 4.68)								
Aroclor-1016	2	5	5.00	(4.96 - 5.04)								
Aroclor-1260	2	1	6.30	(6.26 - 6.34)								
Aroclor-1260	2	2	6.39	(6.35 - 6.43)								
Aroclor-1260	2	3	7.01	(6.97 - 7.05)								
Aroclor-1260	2	4	7.37	(7.33 - 7.41)								
Aroclor-1260	2	5	8.06	(8.02 - 8.10)								
Aroclor-1221	2	1										
Aroclor-1221	2	2										
Aroclor-1221	2	3										
Aroclor-1232	2	1										
Aroclor-1232	2	2										
Aroclor-1232	2	3										
Aroclor-1232	2	4										
Aroclor-1232	2	5										
Aroclor-1242	2	1										
Aroclor-1242	2	2										
Aroclor-1242	2	3										
Aroclor-1242	2	4										
Aroclor-1242	2	5										
Aroclor-1248	2	1										
Aroclor-1248	2	2										
Aroclor-1248	2	3										
Aroclor-1248	2	4										
Aroclor-1248	2	5										
Aroclor-1254	2	1										
Aroclor-1254	2	2										
Aroclor-1254	2	3										
Aroclor-1254	2	4										
Aroclor-1254	2	5										
Aroclor-1262	2	1										
Aroclor-1262	2	2										
Aroclor-1262	2	3										
Aroclor-1262	2	4										
Aroclor-1262	2	5										
Aroclor-1268	2	1										
Aroclor-1268	2	2										
Aroclor-1268	2	3										
Aroclor-1268	2	4										
Aroclor-1268	2	5										
DCB-Surrogate	2	0	9.43	(9.37 - 9.49)								

FORM 2
(ICV/CCV Summary)

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

Lab Name: Veritech
Lab Code:
Contract:
Nras No:
Sdg No:
Case No:
ICV/CCV SOURCE: VHG LABS

Analyte	ICV/CCV Amt	ICV V-75359 (2)-7	Rec	CCV V-75360-19	Rec	CCV V-75360-30	Rec	CCV V-75360-39	Rec	CCV V-75360-48	Rec		Rec		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	0.508325	102						
Cadmium	1/.5	1.01467	101	0.527717	106	0.519825	104	0.520737	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	0.514652	103						
Manganese	1/.5	1.02278	102	0.526842	105	0.516527	103	0.518988	104	0.515484	103						
Nickel	1/.5	1.01095	101	0.517736	104	0.515009	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	0.505906	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						

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 2
(ICV/CCV Summary)

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

Analyte	ICV/CCV Amt	ICV V-75359 (2)-6	Rec	CCV V-75360-18	Rec	CCV V-75360-29	Rec	CCV V-75360-38	Rec	CCV V-75360-47	Rec		Rec		Rec		Rec
Aluminum	10/5	10.0941	101	5.03431	101	4.95057	99	4.96354	99	4.90570	98						
Calcium	100/50	100.196	100	50.0405	100	48.3360	97	49.3828	99	48.3353	97						
Iron	10/5	10.0171	100	5.04845	101	4.95854	99	4.96798	99	4.89603	98						
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						

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 2
(ICV/CCV Summary)

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

		ICV (2)-9		CCV-21		CCV-33		CCV-40								
Analyte	ICV/CCV Amt		Rec		Rec		Rec		Rec	Rec		Rec		Rec		Rec
Mercury	20/10	21.51	108	10.88	109	10.74	107	10.61	106							

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: 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:

Analyte	ICB V-76414-8	CCB-20	CCB-31	CCB-40	CCB-49	MB 10826 (100)-11	MB FB (1)-44
Antimony	.02 U	.02 U	.02 U	.02 U	.02 U	2 U	.02 U
Arsenic	.02 U	.02 U	.02 U	.02 U	.02 U	2 U	.02 U
Barium	.1 U	.1 U	.1 U	.1 U	.1 U	10 U	.1 U
Beryllium	.006 U	.006 U	.006 U	.006 U	.006 U	.6 U	.006 U
Cadmium	.006 U	.006 U	.006 U	.006 U	.006 U	.6 U	.006 U
Chromium	.05 U	.05 U	.05 U	.05 U	.05 U	5 U	.05 U
Cobalt	.025 U	.025 U	.025 U	.025 U	.025 U	2.5 U	.025 U
Copper	.05 U	.05 U	.05 U	.05 U	.05 U	5 U	.05 U
Lead	.05 U	.05 U	.05 U	.05 U	.05 U	5 U	.05 U
Manganese	.1 U	.1 U	.1 U	.1 U	.1 U	10 U	.1 U
Nickel	.05 U	.05 U	.05 U	.05 U	.05 U	5 U	.05 U
Selenium	.018 U	.018 U	.018 U	.018 U	.018 U	1.8 U	.018 U
Silver	.015 U	.015 U	.015 U	.015 U	.015 U	1.5 U	.015 U
Thallium	.012 U	.012 U	.012 U	.012 U	.012 U	1.2 U	.012 U
Vanadium	.1 U	.1 U	.1 U	.1 U	.1 U	10 U	.1 U
Zinc	.1 U	.1 U	.1 U	.1 U	.1 U	10 U	.1 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: 12/11/09
Data File: S10826B
Prep Batch: 10826
Reporting Limits Used: SOIL,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:

Analyte	ICB V-76414-7		CCB-19	CCB-30	CCB-39	CCB-48	MB 10826 (100)-10	MB FB (1)-43	
Aluminum	2 U		2 U	2 U	2 U	2 U	200 U	2 U	
Calcium	10 U		10 U	10 U	10 U	10 U	1000 U	10 U	
Iron	2 U		2 U	2 U	2 U	2 U	200 U	2 U	
Magnesium	5 U		5 U	5 U	5 U	5 U	500 U	5 U	
Potassium	5 U		5 U	5 U	5 U	5 U	500 U	5 U	
Sodium	2.5 U		2.5 U	2.5 U	2.5 U	2.5 U	250 U	2.5 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:

Analyte	ICB-10	CCB-22	CCB-34	CCB-41	MB 10826 (137)-11	MB FB-38		
Mercury	.5 U	.5 U	.5 U	.5 U	.64 U	.5U		

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: S10826A
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

Analyte	Spk Amt	ICSA V-75989-9	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
Aluminum	500	471.816	94	472.41000	94	469.045	94	474.02600	95	478.238	96	473.94600	95				
Antimony	1	U		0.97376	97	U		0.96485	96	U		0.95979	96				
Arsenic	1	U		0.97170	97	U		0.97212	97	U		0.95638	96				
Barium	.5	U		0.47062	94	U		0.46669	93	U		0.46233	92				
Beryllium	.5	U		0.50757	102	U		0.50629	101	U		0.51045	102				
Cadmium	1	U		0.89085	89	U		0.88763	89	U		0.89348	89				
Calcium	500	430.952	86	432.82500	87	430.201	86	435.61100	87	437.791	88	436.75400	87				
Chromium	.5	U		0.46886	94	U		0.46500	93	U		0.46381	93				
Cobalt	.5	U		0.44946	90	U		0.44772	90	U		0.44826	90				
Copper	.5	U		0.49921	100	U		0.49321	99	U		0.49868	100				
Iron	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		0.90248	90	U		0.90340	90				
Magnesium	500	462.876	93	467.81600	94	470.44	94	466.48200	93	467.953	94	469.39800	94				
Manganese	.5	U		0.46896	94	U		0.46711	93	U		0.47060	94				
Nickel	1	U		0.89382	89	U		0.88022	88	U		0.87724	88				
Selenium	1	U		0.92523	93	U		0.92679	93	U		0.94327	94				
Silver	1	U		1.03005	103	U		1.02873	103	U		1.03555	104				
Thallium	1	U		0.86044	86	U		0.87251	87	U		0.87028	87				
Vanadium	.5	U		0.43554	87	U		0.43488	87	U		0.43900	88				
Zinc	1	U		0.87892	88	U		0.87457	87	U		0.87508	88				

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: S10826B
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 No:
Case No:
ICSA/ICSAB: SOURCE: VHG LABS

Analyte	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	ICSAB V-75353-46	Rec	Rec	Rec
Aluminum	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		
Iron	200	184.995	92	187.25100	94	181.297	91	181.62000	91	177.222	89	181.26500	91		
Magnesium	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

FORM 5/FORM 7
SPIKE/LCS RECOVERY

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

Analyte	Spike Amts MS-Tclp / MS-Aq / MS-soil	LCS Soil	LCS Aq	LCS Rec Limits	Non Spike Conc 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	%REC OR Conc	LCSW-45-1X	%REC OR Conc
ntimony	0.5	1.03	0.5	75 - 125	0.02	U	0.439702	88	0.448713	90	1.27177	1.27	1.32735	1.33	0.482216	96
yenic	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
Barium	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	0.5	0.741	0.5	75 - 125	0.006	U	0.491018	98	0.495628	99	0.714252	.714	0.726969	.727	0.484632	97
dmium	0.5	2.44	0.5	75 - 125	0.006	U	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
balt	0.5	0.858	0.5	75 - 125	0.025	U	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	U	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	U	0.532644	107	0.536398	107	1.03732	1.04	1.01664	1.02	0.497851	100
ngarese	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	U	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
allium	0.5	2.72	0.5	75 - 125	0.012	U	0.503546	101	0.509118	102	2.62166	2.62	2.75505	2.76	0.517463	103
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
nc	0.5	3.78	0.5	75 - 125	0.1	U	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: >60% MS soil/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 Mercury(CV)

FORM 5/FORM 7
SPIKE/LCS RECOVERY

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

Analyte	Spike Amts MS-Tclp MS-Aq MS-soil	LCS Soil	LCS Aq	LCS Rec Limits	Non Spike Conc AC48729-001-13		AC48729-001-15-1X	%REC OR Conc	AC48729-001-16-1X	%REC OR Conc	LCS-11-1X	%REC OR Conc	LCS MR-12-1X	%REC OR Conc	LCSW-44-1X	%REC OR Conc
Aluminum	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
Calcium	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
Iron	5	184	5.000	75 - 125	101.315		99.5433	-33 b	104.695	68 b	177.391	177	174.409	174	4.66233	93
Magnesium	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
Potassium	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
Sodium	50	10.6	50.00	75 - 125	2.5	U	48.8999	98	50.1234	100	10.8704	10.9	10.6393	10.6	48.4102	97

MS Qc Limits:

EPA600:	SW846	CLP
MS: 70-130	MS TCLP: >50% MS soil/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 Mercury(CV)

FORM 5/FORM 7
SPIKE/LCS RECOVERY

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

Analyte	Spike Amts MS-Tclp MS-Aq MS-soil	LCS Soil	LCS Aq	LCS Rec Limits	Non Spike Conc 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	%REC OR Conc	LCSW-39-1X	%REC OR Conc
ercury	10	17.72	10	75 - 125	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 soil/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 Mercury(CV)

FORM6/FORM9
RPDS

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

Lab Name: Veritech
Lab Code:
Contract:
Nras No:
Sdg No:
Case No:

	Qc Limits		Sample	Method Rep		LCS	LCS MR		Sample	Serial Dil	
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	0.02 U	0.02 U	---				0.002602 U	0.01301 U	---
...senic	<=20	<=10	0.0376016	0.0381223	1.4				0.0376016	0.0367055	2.4
Barium	<=20	<=10	0.1 U	0.1 U	---				0.0591510	0.0602935	1.9
...ryllium	<=20	<=10	0.006 U	0.006 U	---				0.0029638	0.0037785	27 Sb
...dmium	<=20	<=10	0.006 U	0.006 U	---				0.0001080 U	0.00054 U	---
Chromium	<=20	<=10	0.0577061	0.0579488	0.42				0.0577061	0.031025	46 Sb
...balt	<=20	<=10	0.025 U	0.025 U	---				0.0005584 U	0.002792 U	---
...pper	<=20	<=10	0.05 U	0.05 U	---				0.0325883	0.016285 U	---
Lead	<=20	<=10	0.050 U	0.050 U	---				0.0345678	0.01967	43 Sb
...nganese	<=20	<=10	0.131600	0.144818	9.6				0.131600	0.1343235	2.1
...ckel	<=20	<=10	0.05 U	0.05 U	---				0.0074487	0.00754 U	---
Selenium	<=20	<=10	0.018 U	0.018 U	---				0.0050634	0.02454 U	---
...ver	<=20	<=10	0.015 U	0.015 U	---				0.0006975 U	0.0030375 U	---
...allium	<=20	<=10	0.012 U	0.012 U	---				0.002752 U	0.01376 U	---
Vanadium	<=20	<=10	0.120622	0.122340	1.4				0.120622	0.09907	18 Sa
...nc	<=20	<=10	0.1 U	0.1 U	---				0.0882506	0.0702765	20 Sb

Flags:

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

FORM6/FORM9
RPDS

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:

	Qc Limits		Sample	Method Rep		LCS	LCS MR		Sample	Serial Dil	
Analyte	LCS/MR	SD	AC48729-001-13	AC48729-001-14	RPD	LCS-11	LCS MR-12	RPD	AC48729-001-13	AC48729-001-20	%Diff
[illegible]minum	<=20	<=10	14.1357	14.0112	0.88				14.1357	14.05075	0.6
Calcium	<=20	<=10	10 U	10 U	---				2.55728	1.704915	33 Sb
Iron	<=20	<=10	101.315	103.689	2.3				101.315	101.9435	0.62
Magnesium	<=20	<=10	5 U	5 U	---				1.53022	1.108425	28 Sb
Potassium	<=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

Flags:

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

FORM6/FORM9
RPDS

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:

	Qc Limits		Sample	Method Rep		LCS	LCS MR		Sample	Serial Dil	
Analyte	LCS/MR	SD	AC48729-001-14	AC48729-001-15	RPD	LCS-12	LCS MR-13	RPD			%Diff
Mercury	<=20	<=10	.5 U	.5 U	---						

Flags:

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

FORM 2
(ICV/CCV Summary)

Date Analyzed: 01/04/10
Date 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

Analyte	ICV/CCV Amt	ICV V-77653 (2)-7	Rec	CCV V-77654-14	Rec	CCV V-77654-24	Rec		Rec		Rec		Rec		Rec		Rec
Manganese	1/.5	0.998972	100	0.503807	101	0.500831	100										

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:

Analyte	ICB V-78696-8	CCB-15	CCB-25	MB 10877 (1)-11	EF-V-79055-21			
Manganese	.2 U	.2 U	.2 U	.2 U	.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:
ICSA/ICSAB: SOURCE: VHG LABS

Analyte	Spk Amt	ICSA V-78281-9	Rec	ICSAB V-78282-10	Rec	ICSA V-78281-22	Rec	ICSAB V-78282-23	Rec	Rec	Rec	Rec	Rec
Aluminum	500	513.959	103	509.67200	102	510.8	102	505.06300	101				
Calcium	500	481.616	96	475.63600	95	477.3	95	474.87000	95				
Iron	200	197.122	99	193.95400	97	194.513	97	193.61300	97				
Magnesium	500	516.679	103	515.80600	103	511.089	102	509.12100	102				
Manganese	.5	U		0.50262	101	U		0.49959	100				

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 5/FORM 7
SPIKE/LCS RECOVERY

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

Analyte	Spike Amts MS-Tclp MS-Aq MS-soil	LCS Soil	LCS Aq	LCS Rec Limits	Non Spike Conc AC48729-007-16		AC48729-007-18-1X	%REC OR Conc	LCSW-12-1X	%REC OR Conc	LCSW MR-13-1X	%REC OR Conc	%REC OR Conc	%REC OR Conc
anganese	500		.500	75 - 125	0.2	U	0.491496	98	0.478154	96	0.46759	94		

MS Qc Limits:

EPA200:	SW846	CLP
MS: 70-130	MS TCLP: >50% MS soil/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 Mercury(CV)

FORM6/FORM9
RPDS

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:

	Qc Limits		Sample	Method Rep		LCS	LCS MR		Sample	Serial Dil	
Analyte	LCS/MR	SD	AC48729-007-16	AC48729-007-17	RPD	LCSW-12	LCSW MR-13	RPD	AC48729-007-16	AC48729-007-20	%Diff
nganese	<=20	<=10	.2 U	.2 U	---				0.0174572	0.01685	3.5

Flags:

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

Analysis Type: SOLIDS-S

Batch Number: SOLIDS-S-3320 Units: Percent

Calibration Curve Information

Qc Summary Results

Qc Type	Qc Name	SpkAmt	Rec Lim	Rpd Lim	Raw Result	Recov	Rpd	Flags
DUP	AC48722-005	NA	NA	5	88.70326	NA	0.14	

PB
12-8-09

Sa	#	Type	MB	Result	Mdl	Per Sol	Raw Result	Tare Wt	Tare Wet	Tare Dry	Prep Date	Prep By	Anal Date	Anal By
AC48722-005		DUP		89			88.703	1.07	13.64	12.22			12/07/09	intern
AC48722-005		Sample		89			88.826	1.06	13.5	12.11			12/07/09	intern
AC48726-001		Sample		76			75.57	1.06	13.34	10.34			12/07/09	intern
AC48726-002		Sample		77			76.548	1.07	13.18	10.34			12/07/09	intern
AC48726-004		Sample		87			86.994	1.06	13.67	12.03			12/07/09	intern
AC48726-005		Sample		73			72.742	1.06	13.13	9.84			12/07/09	intern
AC48726-007		Sample		83			82.796	1.06	13.15	11.07			12/07/09	intern
AC48726-008		Sample		71			71.148	1.07	13.27	9.75			12/07/09	intern
AC48726-010		Sample		92			91.707	1.06	13.48	12.45			12/07/09	intern
AC48726-011		Sample		74			73.517	1.06	13.37	10.11			12/07/09	intern
AC48726-016		Sample		68			67.831	1.07	13.38	9.42			12/07/09	intern
AC48726-017		Sample		73			73.201	1.06	13.15	9.91			12/07/09	intern
AC48726-018		Sample		78			78.209	1.06	13.68	10.93			12/07/09	intern
AC48726-019		Sample		73			72.506	1.06	13.39	10			12/07/09	intern
AC48726-020		Sample		71			71.36	1.05	13.48	9.97			12/07/09	intern
AC48727-001		Sample		85			84.601	1.06	12.1	10.4			12/07/09	intern
AC48727-002		Sample		86			85.77	1.07	13.79	11.98			12/07/09	intern
AC48729-001		Sample		93			92.657	1.07	13.19	12.3			12/07/09	intern
AC48729-002		Sample		85			84.846	1.07	13.41	11.54			12/07/09	intern
AC48729-003		Sample		92			91.619	1.05	13.22	12.2			12/07/09	intern

Flag Codes: Ra - Recovery failed specified criteria (PVS/MBS/MS/MSD/ICV/CAL) Rp - RPD failed specified criteria.
Na - Not Applicable Nc - Not Checked ..either one or both values =ND

Analysis Type: SOLIDS-S

Batch Number: SOLIDS-S-3321 Units: Percent

Calibration Curve Information

Qc Summary Results

Qc Type	Qc Name	SpkAmt	Rec Lim	Rpd Lim	Raw Result	Recov	Rpd	Flags
DUP	AC48729-C04	NA	NA	5	87.47899	NA	0.091	

PB
12-8-09

Sa	#	Type	MB	Result	Mdl	Per Sol	Raw Result	Tare Wt	Tare Wet	Tare Dry	Prep Date	Prep By	Anal Date	Anal By
AC	729-C04	DUP		87			87.479	1.06	12.96	11.47			12/08/09	intern
AC48729-C04		Sample		87			87.399	1.07	13.45	11.89			12/08/09	intern
AC48729-C05		Sample		94			93.896	1.05	13.01	12.28			12/08/09	intern
AC	729-C06	Sample		86			85.76	1.06	13.63	11.84			12/08/09	intern
AC	729-C07	Sample		92			91.833	1.06	13.55	12.53			12/08/09	intern
AC	729-C08	Sample		95			95.161	1.07	13.47	12.87			12/08/09	intern
AC48729-C09		Sample		93			93.095	1.06	13.08	12.25			12/08/09	intern
AC48729-C10		Sample		92			91.721	1.06	13.38	12.36			12/08/09	intern
AC	729-C11	Sample		95			94.996	1.05	13.64	13.01			12/08/09	intern
AC	729-C12	Sample		93			93.381	1.07	13.61	12.78			12/08/09	intern
AC	729-C13	Sample		92			91.583	1.06	13.06	12.05			12/08/09	intern
AC48729-C14		Sample		94			93.891	1.06	13.01	12.28			12/08/09	intern
AC48729-C15		Sample		95			94.516	1.05	13.45	12.77			12/08/09	intern
AC	729-C16	Sample		68			68.269	1.06	13.54	9.58			12/08/09	intern
AC	730-001	Sample		91			91.111	1.06	13.21	12.13			12/08/09	intern
AC	730-002	Sample		86			85.645	1.05	13.16	11.47			12/08/09	intern
AC48730-003		Sample		74			74.321	1.05	13.2	10.08			12/08/09	intern
AC48730-004		Sample		81			80.991	1.06	13.37	11.03			12/08/09	intern
AC	730-005	Sample		85			84.9	1.05	13.5	11.62			12/08/09	intern
AC	730-006	Sample		81			80.569	1.06	13.36	10.97			12/08/09	intern
AC	730-007	Sample		96			95.922	1.06	13.32	12.82			12/08/09	intern

Flag Codes: Ra - Recovery failed specified criteria (PVS/MBS/MS/MSD/ICV/CAL) Rp - RPD failed specified criteria.

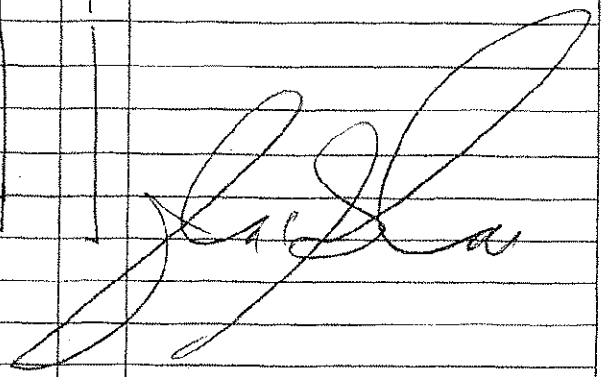
Na - Not Applicable Nc - Not Checked ..either one or both values =ND

LEACHATE PREPARATION LOG
(TCLP, SPLP)

Starting Date: 12/30/09 Ending Date: 12/31/09

TCLP Ext Fluid #1	pH:	4.94	*(criteria: 4.93 ± 0.5)
TCLP Ext Fluid #2	pH:		*(criteria: 2.88 ± 0.05)
SPLP Ext Fluid #1	pH:	4.23	*(criteria: 4.20 ± 0.05)

Sample #	pH (units)	pH in HCL (units)	pH prior to Ext. (units)	Final pH (units)	Ext. Fluid (number)	Wt./Vol of Sample (g or mL)	Start Time	Finish Time	Analyst (s)	Ext. Type*	Comments
48729-007	—	—	4.26	5.3	SPLP 79055	100g/2L	1545	0800	JS	P	
49002-003	—	—	8.15	4.4		↓				↓	
SPLP-V-79055	—	—	4.23	4.0		3L					
49103-001	6.81	1.86	4.95	5.18	EF-1 78685	150g/3L				T	
49103-002	9.20	1.83	5.01	4.99		100g/2L					
49103-003	8.72	1.81	5.03	4.98		150g/3L					
49103-004	7.20	1.72	5.05	5.00							
49103-005	8.35	1.89	5.05	4.95							
EF-1-78685	—	—	4.94	4.92		3L					



* Ext. Type: TCLP = T (Method 1311)
SPLP = P (Method 1312)
ZHE = Z (Method 1311 / 1312)
LAMP = L (Methods 1311 / ANSI/NEMA C78.LL 1256-2003)
MEP = M (Method 1320)

*The pH of the extraction fluid must be checked prior to use and must be within limits specified above.