TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

# ANALYTICAL REPORT

Job Number: 460-27128-1

Job Description: PRUCINO PLATING

For:
State of Delaware
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New Castle, DE 19720-2774

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# CASE NARRATIVE

## Client: State of Delaware

## Project: PRUCINO PLATING

## Report Number: 460-27128-1

This case narrative is in the form of an exception report, where only the anomalies related to this report, method specific performance and/or QA/QC issues are discussed. If there are no issues to report, this narrative will include a statement that documents that there are no relevant data issues.

It should be noted that samples with elevated Reporting Limits (RLs) as a result of a dilution may not be able to satisfy customer reporting limits in some cases. Such increases in the RLs are unavoidable but acceptable consequence of sample dilution that enables quantification of target analytes or interferences which exceed the calibration range of the instrument.

Calculations are performed before rounding to avoid round-off errors in calculated results.

All holding times were met and proper preservation noted for the methods performed on these samples, unless otherwise detailed in the individual sections below.

**RECEIPT**
The samples were received on 06/01/2011; the samples arrived in good condition, properly preserved and on ice. The temperature of the coolers at receipt was 1.8 C.

Note: All samples which require thermal preservation are considered acceptable if the arrival temperature is within 2C of the required temperature or method specified range. For samples with a specified temperature of 4C, samples with a temperature ranging from just above freezing temperature of water to 6C shall be acceptable. Samples that are hand delivered immediately following collection may not meet these criteria, however they will be deemed acceptable according to NELAC standards, if there is evidence that the chilling process has begun, such as arrival on ice, etc.

**CHLORINATED PESTICIDES**
Samples 460-27128-1 and 460-27128-2 were analyzed for chlorinated pesticides in accordance with EPA SW-846 Method 8081A. The samples were prepared on 06/07/2011 and analyzed on 06/08/2011.

beta-BHC failed the recovery criteria high for the MS of sample 460-27126-1 in batch 460-76138.

beta-BHC and beta-BHC exceeded the rpd limit for the MSD of sample 460-27126-1 in batch 460-76138.

No other difficulties were encountered during the pesticides analyses.

All other quality control parameters were within the acceptance limits.

**POLYCHLORINATED BIPHENYLS (PCBS)**
Samples 460-27128-1 and 460-27128-2 were analyzed for polychlorinated biphenyls (PCBs) in accordance with EPA SW-846 Method 8082. The samples were prepared on 06/07/2011 and analyzed on 06/08/2011.

No difficulties were encountered during the PCBs analyses.

All quality control parameters were within the acceptance limits.

**TOTAL CYANIDE**
Samples 460-27128-1 and 460-27128-2 were analyzed for total cyanide in accordance with EPA SW-846 Method 9012A. The samples were prepared and analyzed on 06/06/2011.

No difficulties were encountered during the cyanide analyses.

All quality control parameters were within the acceptance limits.

**PERCENT SOLIDS**
Samples 460-27128-1 and 460-27128-2 were analyzed for percent solids in accordance with ASTM D2974-87 Modified. The samples were analyzed on 06/02/2011.

No difficulties were encountered during the % solids analyses.

All quality control parameters were within the acceptance limits.

# SAMPLE SUMMARY

Client: State of Delaware

Job Number: 460-27128-1

| Lab Sample ID | Client Sample ID | Client Matrix | Date/Time Sampled | Date/Time Received |
|---|---|---|---|---|
| 460-27128-1 | PP-SB05 S | Solid | 05/25/2011 1029 | 06/01/2011 1840 |
| 460-27128-2 | PP-MW06 D | Solid | 05/25/2011 1231 | 06/01/2011 1840 |



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# EXECUTIVE SUMMARY - Detections

Client: State of Delaware

Job Number: 460-27128-1

| Lab Sample ID / Analyte | Client Sample ID | Result / Qualifier | | Reporting Limit | Units | Method |
|---|---|---|---|---|---|---|
| **460-27128-1** | **PP-SB05 S** | | | | | |
| Heptachlor epoxide | | 28 | | 6.8 | ug/Kg | 8081A |
| Endosulfan I | | 27 | | 6.8 | ug/Kg | 8081A |
| 4,4'-DDE | | 11 | | 6.8 | ug/Kg | 8081A |
| alpha-Chlordane | | 33 | p | 6.8 | ug/Kg | 8081A |
| gamma-Chlordane | | 18 | | 6.8 | ug/Kg | 8081A |
| Percent Moisture | | 1.9 | | 1.0 | % | Moisture |
| Percent Solids | | 98.1 | | 1.0 | % | Moisture |
| **460-27128-2** | **PP-MW06 D** | | | | | |
| Percent Moisture | | 6.9 | | 1.0 | % | Moisture |
| Percent Solids | | 93.1 | | 1.0 | % | Moisture |

# METHOD SUMMARY

Client: State of Delaware | Job Number: 460-27128-1

| Description | Lab Location | Method | Preparation Method |
|---|---|---|---|
| **Matrix: Solid** | | | |
| Organochlorine Pesticides (GC) | TAL EDI | SW846 8081A | |
| Automated Soxhlet Extraction | TAL EDI | | SW846 3541 |
| Polychlorinated Biphenyls (PCBs) (GC) | TAL EDI | SW846 8082 | |
| Automated Soxhlet Extraction | TAL EDI | | SW846 3541 |
| Cyanide, Total and/or Amenable | TAL EDI | SW846 9012A | |
| Cyanide, Total and/or Amenable, Distillation | TAL EDI | | SW846 9012A |
| Percent Moisture | TAL EDI | EPA Moisture | |

**Lab References:**

TAL EDI = TestAmerica Edison

**Method References:**

EPA = US Environmental Protection Agency

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

# METHOD / ANALYST SUMMARY

Client: State of Delaware

Job Number: 460-27128-1

| Method | Analyst | Analyst ID |
|---|---|---|
| SW846 8081A | Ex. 4 CBI | FM |
| SW846 8082 | | CDC |
| SW846 9012A | | HV |
| EPA Moisture | | CR |

Client: State of Delaware

Job Number: 460-27128-1

**Client Sample ID:** **PP-SB05 S**

Lab Sample ID: 460-27128-1

Client Matrix: Solid

% Moisture: 1.9

Date Sampled: 05/25/2011 1029

Date Received: 06/01/2011 1840

**8081A Organochlorine Pesticides (GC)**

| | | | | | |
|---|---|---|---|---|---|
| Analysis Method: | 8081A | Analysis Batch: | 460-76035 | Instrument ID: | PESTGC1 |
| Prep Method: | 3541 | Prep Batch: | 460-75847 | Initial Weight/Volume: | 15.03 g |
| Dilution: | 1.0 | | | Final Weight/Volume: | 10 mL |
| Analysis Date: | 06/08/2011 1045 | | | Injection Volume: | 1 uL |
| Prep Date: | 06/07/2011 0619 | | | Result Type: | PRIMARY |

| Analyte | DryWt Corrected: Y | Result (ug/Kg) | Qualifier | MDL | RL |
|---|---|---|---|---|---|
| alpha-BHC | | 6.8 | U | 1.3 | 6.8 |
| beta-BHC | | 6.8 | U | 0.93 | 6.8 |
| delta-BHC | | 6.8 | U | 1.0 | 6.8 |
| gamma-BHC (Lindane) | | 6.8 | U | 0.79 | 6.8 |
| Heptachlor | | 6.8 | U | 0.98 | 6.8 |
| Aldrin | | 6.8 | U | 1.5 | 6.8 |
| Heptachlor epoxide | | 28 | | 1.4 | 6.8 |
| Endosulfan I | | 27 | | 1.4 | 6.8 |
| Dieldrin | | 6.8 | U | 1.3 | 6.8 |
| 4,4'-DDE | | 11 | | 1.3 | 6.8 |
| Endrin | | 6.8 | U | 0.96 | 6.8 |
| Endosulfan II | | 6.8 | U | 1.0 | 6.8 |
| 4,4'-DDD | | 6.8 | U | 0.81 | 6.8 |
| Endosulfan sulfate | | 6.8 | U | 0.88 | 6.8 |
| 4,4'-DDT | | 6.8 | U | 0.85 | 6.8 |
| Methoxychlor | | 6.8 | U | 0.76 | 6.8 |
| Endrin ketone | | 6.8 | U | 1.0 | 6.8 |
| Endrin aldehyde | | 6.8 | U | 1.7 | 6.8 |
| alpha-Chlordane | | 33 | p | 1.4 | 6.8 |
| gamma-Chlordane | | 18 | | 1.4 | 6.8 |
| Toxaphene | | 68 | U | 14 | 68 |

| Surrogate | %Rec | Qualifier | Acceptance Limits |
|---|---|---|---|
| DCB Decachlorobiphenyl | 103 | | 53 - 150 |
| Tetrachloro-m-xylene | 85 | | 40 - 150 |

Client: State of Delaware

Job Number: 460-27128-1

**Client Sample ID:** **PP-SB05 S**

Lab Sample ID: 460-27128-1

Client Matrix: Solid

% Moisture: 1.9

Date Sampled: 05/25/2011 1029

Date Received: 06/01/2011 1840

**8081A Organochlorine Pesticides (GC)**

| | | | | | |
|---|---|---|---|---|---|
| Analysis Method: | 8081A | Analysis Batch: | 460-76035 | Instrument ID: | PESTGC1 |
| Prep Method: | 3541 | Prep Batch: | 460-75847 | Initial Weight/Volume: | 15.03 g |
| Dilution: | 1.0 | | | Final Weight/Volume: | 10 mL |
| Analysis Date: | 06/08/2011 1045 | | | Injection Volume: | 1 uL |
| Prep Date: | 06/07/2011 0619 | | | Result Type: | SECONDARY |

| Surrogate | %Rec | Qualifier | Acceptance Limits |
|---|---|---|---|
| DCB Decachlorobiphenyl | 100 | | 53 - 150 |
| Tetrachloro-m-xylene | 81 | | 40 - 150 |

Client: State of Delaware

Job Number: 460-27128-1

**Client Sample ID:** **PP-MW06 D**

Lab Sample ID: 460-27128-2

Client Matrix: Solid

% Moisture: 6.9

Date Sampled: 05/25/2011 1231

Date Received: 06/01/2011 1840

**8081A Organochlorine Pesticides (GC)**

| | | | | | |
|---|---|---|---|---|---|
| Analysis Method: | 8081A | Analysis Batch: | 460-76035 | Instrument ID: | PESTGC1 |
| Prep Method: | 3541 | Prep Batch: | 460-75847 | Initial Weight/Volume: | 15.05 g |
| Dilution: | 1.0 | | | Final Weight/Volume: | 10 mL |
| Analysis Date: | 06/08/2011 1058 | | | Injection Volume: | 1 uL |
| Prep Date: | 06/07/2011 0619 | | | Result Type: | PRIMARY |

| Analyte | DryWt Corrected: Y | Result (ug/Kg) | Qualifier | MDL | RL |
|---|---|---|---|---|---|
| alpha-BHC | | 7.2 | U | 1.3 | 7.2 |
| beta-BHC | | 7.2 | U | 0.97 | 7.2 |
| delta-BHC | | 7.2 | U | 1.1 | 7.2 |
| gamma-BHC (Lindane) | | 7.2 | U | 0.83 | 7.2 |
| Heptachlor | | 7.2 | U | 1.0 | 7.2 |
| Aldrin | | 7.2 | U | 1.6 | 7.2 |
| Heptachlor epoxide | | 7.2 | U | 1.4 | 7.2 |
| Endosulfan I | | 7.2 | U | 1.5 | 7.2 |
| Dieldrin | | 7.2 | U | 1.4 | 7.2 |
| 4,4'-DDE | | 7.2 | U | 1.4 | 7.2 |
| Endrin | | 7.2 | U | 1.0 | 7.2 |
| Endosulfan II | | 7.2 | U | 1.1 | 7.2 |
| 4,4'-DDD | | 7.2 | U | 0.86 | 7.2 |
| Endosulfan sulfate | | 7.2 | U | 0.92 | 7.2 |
| 4,4'-DDT | | 7.2 | U | 0.90 | 7.2 |
| Methoxychlor | | 7.2 | U | 0.80 | 7.2 |
| Endrin ketone | | 7.2 | U | 1.1 | 7.2 |
| Endrin aldehyde | | 7.2 | U | 1.8 | 7.2 |
| alpha-Chlordane | | 7.2 | U | 1.5 | 7.2 |
| gamma-Chlordane | | 7.2 | U | 1.5 | 7.2 |
| Toxaphene | | 72 | U | 15 | 72 |

| Surrogate | %Rec | Qualifier | Acceptance Limits |
|---|---|---|---|
| DCB Decachlorobiphenyl | 126 | | 53 - 150 |
| Tetrachloro-m-xylene | 105 | | 40 - 150 |

Client: State of Delaware

Job Number: 460-27128-1

**Client Sample ID:** **PP-MW06 D**

Lab Sample ID: 460-27128-2

Client Matrix: Solid

% Moisture: 6.9

Date Sampled: 05/25/2011 1231

Date Received: 06/01/2011 1840

**8081A Organochlorine Pesticides (GC)**

| | | | | | |
|---|---|---|---|---|---|
| Analysis Method: | 8081A | Analysis Batch: | 460-76035 | Instrument ID: | PESTGC1 |
| Prep Method: | 3541 | Prep Batch: | 460-75847 | Initial Weight/Volume: | 15.05 g |
| Dilution: | 1.0 | | | Final Weight/Volume: | 10 mL |
| Analysis Date: | 06/08/2011 1058 | | | Injection Volume: | 1 uL |
| Prep Date: | 06/07/2011 0619 | | | Result Type: | SECONDARY |

| Surrogate | %Rec | Qualifier | Acceptance Limits |
|---|---|---|---|
| DCB Decachlorobiphenyl | 117 | | 53 - 150 |
| Tetrachloro-m-xylene | 100 | | 40 - 150 |

Client: State of Delaware

Job Number: 460-27128-1

**Client Sample ID:** **PP-SB05 S**

Lab Sample ID: 460-27128-1

Client Matrix: Solid

% Moisture: 1.9

Date Sampled: 05/25/2011 1029

Date Received: 06/01/2011 1840

**8082 Polychlorinated Biphenyls (PCBs) (GC)**

| | | | | | |
|---|---|---|---|---|---|
| Analysis Method: | 8082 | Analysis Batch: | 460-76069 | Instrument ID: | PESTGC7 |
| Prep Method: | 3541 | Prep Batch: | 460-75841 | Initial Weight/Volume: | 15.00 g |
| Dilution: | 1.0 | | | Final Weight/Volume: | 10 mL |
| Analysis Date: | 06/08/2011 1533 | | | Injection Volume: | |
| Prep Date: | 06/07/2011 0604 | | | Result Type: | PRIMARY |

| Analyte | DryWt Corrected: Y | Result (ug/Kg) | Qualifier | MDL | RL |
|---|---|---|---|---|---|
| PCB-1016 | | 68 | U | 13 | 68 |
| PCB-1221 | | 68 | U | 21 | 68 |
| PCB-1232 | | 68 | U | 39 | 68 |
| PCB-1242 | | 68 | U | 13 | 68 |
| PCB-1248 | | 68 | U | 18 | 68 |
| PCB-1254 | | 68 | U | 23 | 68 |
| PCB-1260 | | 68 | U | 7.6 | 68 |

| Surrogate | %Rec | Qualifier | Acceptance Limits |
|---|---|---|---|
| DCB Decachlorobiphenyl | 114 | | 30 - 150 |

Client: State of Delaware

Job Number: 460-27128-1

**Client Sample ID:** **PP-SB05 S**

Lab Sample ID: 460-27128-1

Client Matrix: Solid

% Moisture: 1.9

Date Sampled: 05/25/2011 1029

Date Received: 06/01/2011 1840

**8082 Polychlorinated Biphenyls (PCBs) (GC)**

| | | | | | |
|---|---|---|---|---|---|
| Analysis Method: | 8082 | Analysis Batch: | 460-76069 | Instrument ID: | PESTGC7 |
| Prep Method: | 3541 | Prep Batch: | 460-75841 | Initial Weight/Volume: | 15.00 g |
| Dilution: | 1.0 | | | Final Weight/Volume: | 10 mL |
| Analysis Date: | 06/08/2011 1533 | | | Injection Volume: | |
| Prep Date: | 06/07/2011 0604 | | | Result Type: | SECONDARY |

| Surrogate | %Rec | Qualifier | Acceptance Limits |
|---|---|---|---|
| DCB Decachlorobiphenyl | 97 | | 30 - 150 |

Client: State of Delaware

Job Number: 460-27128-1

**Client Sample ID:** **PP-MW06 D**

Lab Sample ID: 460-27128-2

Client Matrix: Solid

% Moisture: 6.9

Date Sampled: 05/25/2011 1231

Date Received: 06/01/2011 1840

**8082 Polychlorinated Biphenyls (PCBs) (GC)**

| | | | | | |
|---|---|---|---|---|---|
| Analysis Method: | 8082 | Analysis Batch: | 460-76069 | Instrument ID: | PESTGC7 |
| Prep Method: | 3541 | Prep Batch: | 460-75841 | Initial Weight/Volume: | 15.01 g |
| Dilution: | 1.0 | | | Final Weight/Volume: | 10 mL |
| Analysis Date: | 06/08/2011 1548 | | | Injection Volume: | |
| Prep Date: | 06/07/2011 0604 | | | Result Type: | PRIMARY |

| Analyte | DryWt Corrected: Y | Result (ug/Kg) | Qualifier | MDL | RL |
|---|---|---|---|---|---|
| PCB-1016 | | 72 | U | 14 | 72 |
| PCB-1221 | | 72 | U | 22 | 72 |
| PCB-1232 | | 72 | U | 41 | 72 |
| PCB-1242 | | 72 | U | 14 | 72 |
| PCB-1248 | | 72 | U | 19 | 72 |
| PCB-1254 | | 72 | U | 25 | 72 |
| PCB-1260 | | 72 | U | 8.0 | 72 |

| Surrogate | %Rec | Qualifier | Acceptance Limits |
|---|---|---|---|
| DCB Decachlorobiphenyl | 121 | | 30 - 150 |

Client: State of Delaware

Job Number: 460-27128-1

**Client Sample ID:** **PP-MW06 D**

Lab Sample ID: 460-27128-2

Client Matrix: Solid

% Moisture: 6.9

Date Sampled: 05/25/2011 1231

Date Received: 06/01/2011 1840

**8082 Polychlorinated Biphenyls (PCBs) (GC)**

| | | | | | |
|---|---|---|---|---|---|
| Analysis Method: | 8082 | Analysis Batch: | 460-76069 | Instrument ID: | PESTGC7 |
| Prep Method: | 3541 | Prep Batch: | 460-75841 | Initial Weight/Volume: | 15.01 g |
| Dilution: | 1.0 | | | Final Weight/Volume: | 10 mL |
| Analysis Date: | 06/08/2011 1548 | | | Injection Volume: | |
| Prep Date: | 06/07/2011 0604 | | | Result Type: | SECONDARY |

| Surrogate | %Rec | Qualifier | Acceptance Limits |
|---|---|---|---|
| DCB Decachlorobiphenyl | 119 | | 30 - 150 |

**General Chemistry**

**Client Sample ID:** **PP-SB05 S**

Lab Sample ID: 460-27128-1 Date Sampled: 05/25/2011 1029
Client Matrix: Solid % Moisture: 1.9 Date Received: 06/01/2011 1840

| Analyte | Result | Qual | Units | MDL | RL | Dil | Method |
|---|---|---|---|---|---|---|---|
| Cyanide, Total | 0.51 | U | mg/Kg | 0.11 | 0.51 | 1.0 | 9012A |
| Analysis Batch: 460-75797 | Analysis Date: 06/06/2011 1358 | | | | | | DryWt Corrected: Y |
| Prep Batch: 460-75754 | Prep Date: 06/06/2011 0900 | | | | | | |

| Analyte | Result | Qual | Units | RL | RL | Dil | Method |
|---|---|---|---|---|---|---|---|
| Percent Moisture | 1.9 | | % | 1.0 | 1.0 | 1.0 | Moisture |
| Analysis Batch: 460-75504 | Analysis Date: 06/02/2011 1953 | | | | | | DryWt Corrected: N |
| Percent Solids | 98.1 | | % | 1.0 | 1.0 | 1.0 | Moisture |
| Analysis Batch: 460-75504 | Analysis Date: 06/02/2011 1953 | | | | | | DryWt Corrected: N |

**General Chemistry**

**Client Sample ID:** **PP-MW06 D**

Lab Sample ID: 460-27128-2

Client Matrix: Solid

% Moisture: 6.9

Date Sampled: 05/25/2011 1231

Date Received: 06/01/2011 1840

| Analyte | Result | Qual | Units | MDL | RL | Dil | Method |
|---|---|---|---|---|---|---|---|
| Cyanide, Total | 0.54 | U | mg/Kg | 0.12 | 0.54 | 1.0 | 9012A |
| Analysis Batch: 460-75797 | Analysis Date: 06/06/2011 1359 | | | | | | DryWt Corrected: Y |
| Prep Batch: 460-75754 | Prep Date: 06/06/2011 0900 | | | | | | |

| Analyte | Result | Qual | Units | RL | RL | Dil | Method |
|---|---|---|---|---|---|---|---|
| Percent Moisture | 6.9 | | % | 1.0 | 1.0 | 1.0 | Moisture |
| Analysis Batch: 460-75504 | Analysis Date: 06/02/2011 1953 | | | | | | DryWt Corrected: N |
| Percent Solids | 93.1 | | % | 1.0 | 1.0 | 1.0 | Moisture |
| Analysis Batch: 460-75504 | Analysis Date: 06/02/2011 1953 | | | | | | DryWt Corrected: N |

Client: State of Delaware

Job Number: 460-27128-1

## Surrogate Recovery Report

**8081A Organochlorine Pesticides (GC)**

**Client Matrix: Solid**

| Lab Sample ID | Client Sample ID | TCX1 %Rec | TCX2 %Rec | DCB1 %Rec | DCB2 %Rec |
|---|---|---|---|---|---|
| 460-27128-1 | PP-SB05 S | 81 | 85 | 103 | 100 |
| 460-27128-2 | PP-MW06 D | 100 | 105 | 126 | 117 |
| MB 460-75847/1-A | | 124 | 127 | 144 | 138 |
| LCS 460-75847/2-A | | 117 | 120 | 135 | 128 |
| 460-27126-A-1-J MS | | 132 | 129 | 147 | 136 |
| 460-27126-A-1-K MSD | | 116 | 119 | 137 | 127 |

| Surrogate | Acceptance Limits |
|---|---|
| TCX = Tetrachloro-m-xylene | 40-150 |
| DCB = DCB Decachlorobiphenyl | 53-150 |

Client: State of Delaware

Job Number: 460-27128-1

## Surrogate Recovery Report

**8082 Polychlorinated Biphenyls (PCBs) (GC)**

**Client Matrix: Solid**

| Lab Sample ID | Client Sample ID | DCB1 %Rec | DCB2 %Rec |
|---|---|---|---|
| 460-27128-1 | PP-SB05 S | 97 | 114 |
| 460-27128-2 | PP-MW06 D | 121 | 119 |
| MB 460-75841/1-A | | 122 | 120 |
| LCS 460-75841/2-A | | 111 | 110 |
| 460-27126-A-1-D MS | | 118 | 116 |
| 460-27126-A-1-E MSD | | 108 | 107 |

| Surrogate | Acceptance Limits |
|---|---|
| DCB = DCB Decachlorobiphenyl | 30-150 |

Client: State of Delaware

Job Number: 460-27128-1

**Method Blank - Batch: 460-75847**

**Method: 8081A**
**Preparation: 3541**

| | | | | | |
|---|---|---|---|---|---|
| Lab Sample ID: | MB 460-75847/1-A | Analysis Batch: | 460-76138 | Instrument ID: | PESTGC1 |
| Client Matrix: | Solid | Prep Batch: | 460-75847 | Lab File ID: | xr121267.d |
| Dilution: | 1.0 | Leach Batch: | N/A | Initial Weight/Volume: | 15.00 g |
| Analysis Date: | 06/08/2011 1535 | Units: | ug/Kg | Final Weight/Volume: | 10 mL |
| Prep Date: | 06/07/2011 0619 | | | Injection Volume: | 1 uL |
| Leach Date: | N/A | | | Column ID: | PRIMARY |

| Analyte | Result | Qual | MDL | RL |
|---|---|---|---|---|
| alpha-BHC | 6.7 | U | 1.2 | 6.7 |
| beta-BHC | 6.7 | U | 0.91 | 6.7 |
| delta-BHC | 6.7 | U | 1.0 | 6.7 |
| gamma-BHC (Lindane) | 6.7 | U | 0.78 | 6.7 |
| Heptachlor | 6.7 | U | 0.96 | 6.7 |
| Aldrin | 6.7 | U | 1.5 | 6.7 |
| Heptachlor epoxide | 6.7 | U | 1.4 | 6.7 |
| Endosulfan I | 6.7 | U | 1.4 | 6.7 |
| Dieldrin | 6.7 | U | 1.3 | 6.7 |
| 4,4'-DDE | 6.7 | U | 1.3 | 6.7 |
| Endrin | 6.7 | U | 0.94 | 6.7 |
| Endosulfan II | 6.7 | U | 1.0 | 6.7 |
| 4,4'-DDD | 6.7 | U | 0.80 | 6.7 |
| Endosulfan sulfate | 6.7 | U | 0.86 | 6.7 |
| 4,4'-DDT | 6.7 | U | 0.84 | 6.7 |
| Methoxychlor | 6.7 | U | 0.75 | 6.7 |
| Endrin ketone | 6.7 | U | 0.99 | 6.7 |
| Endrin aldehyde | 6.7 | U | 1.7 | 6.7 |
| alpha-Chlordane | 6.7 | U | 1.4 | 6.7 |
| gamma-Chlordane | 6.7 | U | 1.4 | 6.7 |
| Toxaphene | 67 | U | 14 | 67 |

| Surrogate | % Rec | Acceptance Limits |
|---|---|---|
| DCB Decachlorobiphenyl | 144 | 53 - 150 |
| Tetrachloro-m-xylene | 127 | 40 - 150 |

Client: State of Delaware

Job Number: 460-27128-1

**Lab Control Sample - Batch: 460-75847**

**Method: 8081A**
**Preparation: 3541**

| | | | | | |
|---|---|---|---|---|---|
| Lab Sample ID: | LCS 460-75847/2-A | Analysis Batch: | 460-76149 | Instrument ID: | PESTGC1 |
| Client Matrix: | Solid | Prep Batch: | 460-75847 | Lab File ID: | xf121299.d |
| Dilution: | 1.0 | Leach Batch: | N/A | Initial Weight/Volume: | 15.00 g |
| Analysis Date: | 06/09/2011 0800 | Units: | ug/Kg | Final Weight/Volume: | 10 mL |
| Prep Date: | 06/07/2011 0619 | | | Injection Volume: | |
| Leach Date: | N/A | | | Column ID: | PRIMARY |

| Analyte | Spike Amount | Result | % Rec. | Limit | Qual |
|---|---|---|---|---|---|
| alpha-BHC | 133 | 143 | 108 | 58 - 138 | |
| beta-BHC | 133 | 145 | 109 | 60 - 139 | |
| delta-BHC | 133 | 148 | 111 | 60 - 141 | |
| gamma-BHC (Lindane) | 133 | 143 | 107 | 58 - 136 | |
| Heptachlor | 133 | 157 | 117 | 58 - 137 | |
| Aldrin | 133 | 156 | 117 | 58 - 143 | |
| Heptachlor epoxide | 133 | 148 | 111 | 59 - 136 | |
| Endosulfan I | 133 | 148 | 111 | 60 - 138 | |
| Dieldrin | 133 | 139 | 104 | 55 - 128 | |
| 4,4'-DDE | 133 | 149 | 112 | 58 - 150 | |
| Endrin | 133 | 162 | 121 | 61 - 150 | |
| Endosulfan II | 133 | 149 | 112 | 59 - 133 | |
| 4,4'-DDD | 133 | 161 | 120 | 63 - 150 | |
| Endosulfan sulfate | 133 | 150 | 113 | 56 - 133 | |
| 4,4'-DDT | 133 | 172 | 129 | 57 - 150 | |
| Methoxychlor | 133 | 158 | 119 | 42 - 150 | |
| Endrin ketone | 133 | 144 | 108 | 62 - 139 | |
| Endrin aldehyde | 133 | 136 | 102 | 55 - 122 | |
| alpha-Chlordane | 133 | 148 | 111 | 49 - 143 | |
| gamma-Chlordane | 133 | 142 | 107 | 45 - 147 | |

| Surrogate | % Rec | Acceptance Limits |
|---|---|---|
| DCB Decachlorobiphenyl | 135 | 53 - 150 |
| Tetrachloro-m-xylene | 120 | 40 - 150 |

**Lab Control Sample - Batch: 460-75847**

**Method: 8081A**
**Preparation: 3541**

| | | | | | |
|---|---|---|---|---|---|
| Lab Sample ID: | LCS 460-75847/2-A | Analysis Batch: | 460-76149 | Instrument ID: | PESTGC1 |
| Client Matrix: | Solid | Prep Batch: | 460-75847 | Lab File ID: | xr121299.d |
| Dilution: | 1.0 | Leach Batch: | N/A | Initial Weight/Volume: | 15.00 g |
| Analysis Date: | 06/09/2011 0800 | Units: | ug/Kg | Final Weight/Volume: | 10 mL |
| Prep Date: | 06/07/2011 0619 | | | Injection Volume: | |
| Leach Date: | N/A | | | Column ID: | SECONDARY |

| Analyte | Spike Amount | Result | % Rec. | Limit | Qual |
|---|---|---|---|---|---|
| alpha-BHC | 133 | 132 | 99 | 58 - 138 | |
| beta-BHC | 133 | 143 | 108 | 60 - 139 | |
| delta-BHC | 133 | 137 | 103 | 60 - 141 | |
| gamma-BHC (Lindane) | 133 | 137 | 103 | 58 - 136 | |
| Heptachlor | 133 | 141 | 106 | 58 - 137 | |
| Aldrin | 133 | 119 | 89 | 58 - 143 | |
| Heptachlor epoxide | 133 | 140 | 105 | 59 - 136 | |
| Endosulfan I | 133 | 142 | 107 | 60 - 138 | |

Client: State of Delaware

Job Number: 460-27128-1

**Lab Control Sample - Batch: 460-75847**

**Method: 8081A**
**Preparation: 3541**

| | | | | | |
|---|---|---|---|---|---|
| Lab Sample ID: | LCS 460-75847/2-A | Analysis Batch: | 460-76149 | Instrument ID: | PESTGC1 |
| Client Matrix: | Solid | Prep Batch: | 460-75847 | Lab File ID: | xf121299.d |
| Dilution: | 1.0 | Leach Batch: | N/A | Initial Weight/Volume: | 15.00 g |
| Analysis Date: | 06/09/2011 0800 | Units: | ug/Kg | Final Weight/Volume: | 10 mL |
| Prep Date: | 06/07/2011 0619 | | | Injection Volume: | |
| Leach Date: | N/A | | | Column ID: | SECONDARY |

| Analyte | Spike Amount | Result | % Rec. | Limit | Qual |
|---|---|---|---|---|---|
| Dieldrin | 133 | 134 | 101 | 55 - 128 | |
| 4,4'-DDE | 133 | 148 | 111 | 58 - 150 | |
| Endrin | 133 | 159 | 119 | 61 - 150 | |
| Endosulfan II | 133 | 145 | 109 | 59 - 133 | |
| 4,4'-DDD | 133 | 152 | 114 | 63 - 150 | |
| Endosulfan sulfate | 133 | 146 | 110 | 56 - 133 | |
| 4,4'-DDT | 133 | 160 | 120 | 57 - 150 | |
| Methoxychlor | 133 | 147 | 110 | 42 - 150 | |
| Endrin ketone | 133 | 139 | 104 | 62 - 139 | |
| Endrin aldehyde | 133 | 130 | 98 | 55 - 122 | |
| alpha-Chlordane | 133 | 139 | 105 | 49 - 143 | |
| gamma-Chlordane | 133 | 141 | 106 | 45 - 147 | |

| Surrogate | % Rec | Acceptance Limits |
|---|---|---|
| DCB Decachlorobiphenyl | 128 | 53 - 150 |
| Tetrachloro-m-xylene | 117 | 40 - 150 |

Client: State of Delaware

Job Number: 460-27128-1

**Matrix Spike/**
**Matrix Spike Duplicate Recovery Report - Batch: 460-75847**

**Method: 8081A**
**Preparation: 3541**

| | | | | | |
|---|---|---|---|---|---|
| MS Lab Sample ID: | 460-27126-A-1-J MS | Analysis Batch: | 460-76138 | Instrument ID: | PESTGC1 |
| Client Matrix: | Solid | Prep Batch: | 460-75847 | Lab File ID: | xr121253.d |
| Dilution: | 1.0 | Leach Batch: | N/A | Initial Weight/Volume: | 15.04 g |
| Analysis Date: | 06/08/2011 1221 | | | Final Weight/Volume: | 10 mL |
| Prep Date: | 06/07/2011 0619 | | | Injection Volume: | 1 uL |
| Leach Date: | N/A | | | Column ID: | PRIMARY |

| | | | | | |
|---|---|---|---|---|---|
| MSD Lab Sample ID: | 460-27126-A-1-K MSD | Analysis Batch: | 460-76138 | Instrument ID: | PESTGC1 |
| Client Matrix: | Solid | Prep Batch: | 460-75847 | Lab File ID: | xr121254.d |
| Dilution: | 1.0 | Leach Batch: | N/A | Initial Weight/Volume: | 15.00 g |
| Analysis Date: | 06/08/2011 1235 | | | Final Weight/Volume: | 10 mL |
| Prep Date: | 06/07/2011 0619 | | | Injection Volume: | 1 uL |
| Leach Date: | N/A | | | Column ID: | PRIMARY |

| | % Rec. | | | | | | |
|---|---|---|---|---|---|---|---|
| Analyte | MS | MSD | Limit | RPD | RPD Limit | MS Qual | MSD Qual |
| alpha-BHC | 106 | 99 | 58 - 138 | 6 | 30 | | |
| alpha-BHC | 106 | 105 | 58 - 138 | 1 | 30 | | |
| alpha-BHC | 112 | 99 | 58 - 138 | 6 | 30 | | |
| alpha-BHC | 112 | 105 | 58 - 138 | 1 | 30 | | |
| beta-BHC | 113 | 106 | 60 - 139 | 41 | 30 | | F |
| beta-BHC | 113 | 108 | 60 - 139 | 39 | 30 | | F |
| beta-BHC | 161 | 106 | 60 - 139 | 41 | 30 | F | F |
| beta-BHC | 161 | 108 | 60 - 139 | 39 | 30 | F | F |
| delta-BHC | 106 | 101 | 60 - 141 | 5 | 30 | | |
| delta-BHC | 106 | 112 | 60 - 141 | 5 | 30 | | |
| delta-BHC | 116 | 101 | 60 - 141 | 5 | 30 | | |
| delta-BHC | 116 | 112 | 60 - 141 | 5 | 30 | | |
| gamma-BHC (Lindane) | 108 | 103 | 58 - 136 | 5 | 30 | | |
| gamma-BHC (Lindane) | 108 | 106 | 58 - 136 | 2 | 30 | | |
| gamma-BHC (Lindane) | 113 | 103 | 58 - 136 | 5 | 30 | | |
| gamma-BHC (Lindane) | 113 | 106 | 58 - 136 | 2 | 30 | | |
| Heptachlor | 113 | 108 | 58 - 137 | 5 | 30 | | |
| Heptachlor | 113 | 113 | 58 - 137 | 0 | 30 | | |
| Heptachlor | 122 | 108 | 58 - 137 | 5 | 30 | | |
| Heptachlor | 122 | 113 | 58 - 137 | 0 | 30 | | |
| Aldrin | 102 | 94 | 58 - 143 | 8 | 30 | | |
| Aldrin | 102 | 113 | 58 - 143 | 11 | 30 | | |
| Aldrin | 121 | 94 | 58 - 143 | 8 | 30 | | |
| Aldrin | 121 | 113 | 58 - 143 | 11 | 30 | | |
| Heptachlor epoxide | 113 | 107 | 59 - 136 | 5 | 30 | | |
| Heptachlor epoxide | 113 | 109 | 59 - 136 | 4 | 30 | | |
| Heptachlor epoxide | 114 | 107 | 59 - 136 | 5 | 30 | | |
| Heptachlor epoxide | 114 | 109 | 59 - 136 | 4 | 30 | | |
| Endosulfan I | 117 | 111 | 60 - 138 | 5 | 30 | | |
| Endosulfan I | 117 | 112 | 60 - 138 | 4 | 30 | | |
| Endosulfan I | 117 | 111 | 60 - 138 | 5 | 30 | | |
| Endosulfan I | 117 | 112 | 60 - 138 | 4 | 30 | | |
| Dieldrin | 106 | 103 | 55 - 128 | 8 | 30 | | |

Client: State of Delaware

Job Number: 460-27128-1

**Matrix Spike/**
**Matrix Spike Duplicate Recovery Report - Batch: 460-75847**

**Method: 8081A**
**Preparation: 3541**

| | | | | | |
|---|---|---|---|---|---|
| MS Lab Sample ID: | 460-27126-A-1-J MS | Analysis Batch: | 460-76138 | Instrument ID: | PESTGC1 |
| Client Matrix: | Solid | Prep Batch: | 460-75847 | Lab File ID: | xf121253.d |
| Dilution: | 1.0 | Leach Batch: | N/A | Initial Weight/Volume: | 15.04 g |
| Analysis Date: | 06/08/2011 1221 | | | Final Weight/Volume: | 10 mL |
| Prep Date: | 06/07/2011 0619 | | | Injection Volume: | 1 uL |
| Leach Date: | N/A | | | Column ID: | PRIMARY |

| | | | | | |
|---|---|---|---|---|---|
| MSD Lab Sample ID: | 460-27126-A-1-K MSD | Analysis Batch: | 460-76138 | Instrument ID: | PESTGC1 |
| Client Matrix: | Solid | Prep Batch: | 460-75847 | Lab File ID: | xr121254.d |
| Dilution: | 1.0 | Leach Batch: | N/A | Initial Weight/Volume: | 15.00 g |
| Analysis Date: | 06/08/2011 1235 | | | Final Weight/Volume: | 10 mL |
| Prep Date: | 06/07/2011 0619 | | | Injection Volume: | 1 uL |
| Leach Date: | N/A | | | Column ID: | PRIMARY |

| | % Rec. | | | | | | |
|---|---|---|---|---|---|---|---|
| Analyte | MS | MSD | Limit | RPD | RPD Limit | MS Qual | MSD Qual |
| Dieldrin | 106 | 108 | 55 - 128 | 3 | 30 | | |
| Dieldrin | 112 | 103 | 55 - 128 | 8 | 30 | | |
| Dieldrin | 112 | 108 | 55 - 128 | 3 | 30 | | |
| 4,4'-DDE | 120 | 119 | 58 - 150 | 1 | 30 | | |
| 4,4'-DDE | 120 | 120 | 58 - 150 | 0 | 30 | | |
| 4,4'-DDE | 125 | 119 | 58 - 150 | 1 | 30 | | |
| 4,4'-DDE | 125 | 120 | 58 - 150 | 0 | 30 | | |
| Endrin | 120 | 115 | 61 - 150 | 11 | 30 | | |
| Endrin | 120 | 124 | 61 - 150 | 3 | 30 | | |
| Endrin | 129 | 115 | 61 - 150 | 11 | 30 | | |
| Endrin | 129 | 124 | 61 - 150 | 3 | 30 | | |
| Endosulfan II | 116 | 111 | 59 - 133 | 5 | 30 | | |
| Endosulfan II | 116 | 113 | 59 - 133 | 3 | 30 | | |
| Endosulfan II | 116 | 111 | 59 - 133 | 5 | 30 | | |
| Endosulfan II | 116 | 113 | 59 - 133 | 3 | 30 | | |
| 4,4'-DDD | 123 | 119 | 63 - 150 | 10 | 30 | | |
| 4,4'-DDD | 123 | 128 | 63 - 150 | 2 | 30 | | |
| 4,4'-DDD | 132 | 119 | 63 - 150 | 10 | 30 | | |
| 4,4'-DDD | 132 | 128 | 63 - 150 | 2 | 30 | | |
| Endosulfan sulfate | 95 | 92 | 56 - 133 | 9 | 30 | | |
| Endosulfan sulfate | 95 | 98 | 56 - 133 | 2 | 30 | | |
| Endosulfan sulfate | 100 | 92 | 56 - 133 | 9 | 30 | | |
| Endosulfan sulfate | 100 | 98 | 56 - 133 | 2 | 30 | | |
| 4,4'-DDT | 118 | 113 | 57 - 150 | 13 | 30 | | |
| 4,4'-DDT | 118 | 125 | 57 - 150 | 3 | 30 | | |
| 4,4'-DDT | 129 | 113 | 57 - 150 | 13 | 30 | | |
| 4,4'-DDT | 129 | 125 | 57 - 150 | 3 | 30 | | |
| Methoxychlor | 105 | 102 | 42 - 150 | 13 | 30 | | |
| Methoxychlor | 105 | 114 | 42 - 150 | 2 | 30 | | |
| Methoxychlor | 117 | 102 | 42 - 150 | 13 | 30 | | |
| Methoxychlor | 117 | 114 | 42 - 150 | 2 | 30 | | |
| Endrin ketone | 109 | 106 | 62 - 139 | 8 | 30 | | |
| Endrin ketone | 109 | 112 | 62 - 139 | 3 | 30 | | |

Client: State of Delaware

Job Number: 460-27128-1

**Matrix Spike/**
**Matrix Spike Duplicate Recovery Report - Batch: 460-75847**

**Method: 8081A**
**Preparation: 3541**

| | | | | | |
|---|---|---|---|---|---|
| MS Lab Sample ID: | 460-27126-A-1-J MS | Analysis Batch: | 460-76138 | Instrument ID: | PESTGC1 |
| Client Matrix: | Solid | Prep Batch: | 460-75847 | Lab File ID: | xr121253.d |
| Dilution: | 1.0 | Leach Batch: | N/A | Initial Weight/Volume: | 15.04 g |
| Analysis Date: | 06/08/2011 1221 | | | Final Weight/Volume: | 10 mL |
| Prep Date: | 06/07/2011 0619 | | | Injection Volume: | 1 uL |
| Leach Date: | N/A | | | Column ID: | PRIMARY |

| | | | | | |
|---|---|---|---|---|---|
| MSD Lab Sample ID: | 460-27126-A-1-K MSD | Analysis Batch: | 460-76138 | Instrument ID: | PESTGC1 |
| Client Matrix: | Solid | Prep Batch: | 460-75847 | Lab File ID: | xf121254.d |
| Dilution: | 1.0 | Leach Batch: | N/A | Initial Weight/Volume: | 15.00 g |
| Analysis Date: | 06/08/2011 1235 | | | Final Weight/Volume: | 10 mL |
| Prep Date: | 06/07/2011 0619 | | | Injection Volume: | 1 uL |
| Leach Date: | N/A | | | Column ID: | PRIMARY |

| | % Rec. | | | | | | |
|---|---|---|---|---|---|---|---|
| Analyte | MS | MSD | Limit | RPD | RPD Limit | MS Qual | MSD Qual |
| Endrin ketone | 115 | 106 | 62 - 139 | 8 | 30 | | |
| Endrin ketone | 115 | 112 | 62 - 139 | 3 | 30 | | |
| Endrin aldehyde | 63 | 62 | 55 - 122 | 9 | 30 | | |
| Endrin aldehyde | 63 | 66 | 55 - 122 | 2 | 30 | | |
| Endrin aldehyde | 67 | 62 | 55 - 122 | 9 | 30 | | |
| Endrin aldehyde | 67 | 66 | 55 - 122 | 2 | 30 | | |
| alpha-Chlordane | 116 | 111 | 49 - 143 | 5 | 30 | | |
| alpha-Chlordane | 116 | 113 | 49 - 143 | 4 | 30 | | |
| alpha-Chlordane | 117 | 111 | 49 - 143 | 5 | 30 | | |
| alpha-Chlordane | 117 | 113 | 49 - 143 | 4 | 30 | | |
| gamma-Chlordane | 110 | 107 | 45 - 147 | 14 | 30 | | |
| gamma-Chlordane | 110 | 110 | 45 - 147 | 11 | 30 | | |
| gamma-Chlordane | 123 | 107 | 45 - 147 | 14 | 30 | | |
| gamma-Chlordane | 123 | 110 | 45 - 147 | 11 | 30 | | |

| Surrogate | MS % Rec | MSD % Rec | Acceptance Limits |
|---|---|---|---|
| DCB Decachlorobiphenyl | 136 | 127 | 53 - 150 |
| DCB Decachlorobiphenyl | 136 | 137 | 53 - 150 |
| DCB Decachlorobiphenyl | 147 | 127 | 53 - 150 |
| DCB Decachlorobiphenyl | 147 | 137 | 53 - 150 |
| Tetrachloro-m-xylene | 132 | 116 | 40 - 150 |
| Tetrachloro-m-xylene | 132 | 119 | 40 - 150 |
| Tetrachloro-m-xylene | 129 | 116 | 40 - 150 |
| Tetrachloro-m-xylene | 129 | 119 | 40 - 150 |

Client: State of Delaware

Job Number: 460-27128-1

**Matrix Spike/**
**Matrix Spike Duplicate Recovery Report - Batch: 460-75847**

**Method: 8081A**
**Preparation: 3541**

| | | | | | |
|---|---|---|---|---|---|
| MS Lab Sample ID: | 460-27126-A-1-J MS | Units: | ug/Kg | MSD Lab Sample ID: | 460-27126-A-1-K MSD |
| Client Matrix: | Solid | | | Client Matrix: | Solid |
| Dilution: | 1.0 | | | Dilution: | 1.0 |
| Analysis Date: | 06/08/2011 1221 | | | Analysis Date: | 06/08/2011 1235 |
| Prep Date: | 06/07/2011 0619 | | | Prep Date: | 06/07/2011 0619 |
| Leach Date: | N/A | | | Leach Date: | N/A |

| Analyte | Sample Result/Qual | | MS Spike Amount | MSD Spike Amount | MS Result/Qual | | MSD Result/Qual | |
|---|---|---|---|---|---|---|---|---|
| alpha-BHC | 7.3 | U | 145 | 146 | 154 | | 144 | |
| alpha-BHC | 7.3 | U | 145 | 146 | 154 | | 153 | |
| alpha-BHC | 7.3 | U | 145 | 146 | 163 | | 144 | |
| alpha-BHC | 7.3 | U | 145 | 146 | 163 | | 153 | |
| beta-BHC | 7.3 | U | 145 | 146 | 165 | | 154 | F |
| beta-BHC | 7.3 | U | 145 | 146 | 165 | | 157 | F |
| beta-BHC | 7.3 | U | 145 | 146 | 233 | F | 154 | F |
| beta-BHC | 7.3 | U | 145 | 146 | 233 | F | 157 | F |
| delta-BHC | 7.3 | U | 145 | 146 | 155 | | 148 | |
| delta-BHC | 7.3 | U | 145 | 146 | 155 | | 162 | |
| delta-BHC | 7.3 | U | 145 | 146 | 169 | | 148 | |
| delta-BHC | 7.3 | U | 145 | 146 | 169 | | 162 | |
| gamma-BHC (Lindane) | 7.3 | U | 145 | 146 | 157 | | 150 | |
| gamma-BHC (Lindane) | 7.3 | U | 145 | 146 | 157 | | 154 | |
| gamma-BHC (Lindane) | 7.3 | U | 145 | 146 | 164 | | 150 | |
| gamma-BHC (Lindane) | 7.3 | U | 145 | 146 | 164 | | 154 | |
| Heptachlor | 7.3 | U | 145 | 146 | 164 | | 157 | |
| Heptachlor | 7.3 | U | 145 | 146 | 164 | | 165 | |
| Heptachlor | 7.3 | U | 145 | 146 | 177 | | 157 | |
| Heptachlor | 7.3 | U | 145 | 146 | 177 | | 165 | |
| Aldrin | 7.3 | U | 145 | 146 | 148 | | 137 | |
| Aldrin | 7.3 | U | 145 | 146 | 148 | | 164 | |
| Aldrin | 7.3 | U | 145 | 146 | 176 | | 137 | |
| Aldrin | 7.3 | U | 145 | 146 | 176 | | 164 | |
| Heptachlor epoxide | 7.3 | U | 145 | 146 | 165 | | 156 | |
| Heptachlor epoxide | 7.3 | U | 145 | 146 | 165 | | 159 | |
| Heptachlor epoxide | 7.3 | U | 145 | 146 | 165 | | 156 | |
| Heptachlor epoxide | 7.3 | U | 145 | 146 | 165 | | 159 | |
| Endosulfan I | 7.3 | U | 145 | 146 | 169 | | 161 | |
| Endosulfan I | 7.3 | U | 145 | 146 | 169 | | 162 | |
| Endosulfan I | 7.3 | U | 145 | 146 | 170 | | 161 | |
| Endosulfan I | 7.3 | U | 145 | 146 | 170 | | 162 | |
| Dieldrin | 7.3 | U | 145 | 146 | 154 | | 149 | |
| Dieldrin | 7.3 | U | 145 | 146 | 154 | | 157 | |
| Dieldrin | 7.3 | U | 145 | 146 | 162 | | 149 | |
| Dieldrin | 7.3 | U | 145 | 146 | 162 | | 157 | |
| 4,4'-DDE | 7.3 | U | 145 | 146 | 174 | | 173 | |
| 4,4'-DDE | 7.3 | U | 145 | 146 | 174 | | 175 | |
| 4,4'-DDE | 7.3 | U | 145 | 146 | 182 | | 173 | |
| 4,4'-DDE | 7.3 | U | 145 | 146 | 182 | | 175 | |
| Endrin | 7.3 | U | 145 | 146 | 174 | | 168 | |
| Endrin | 7.3 | U | 145 | 146 | 174 | | 181 | |
| Endrin | 7.3 | U | 145 | 146 | 187 | | 168 | |

Client: State of Delaware

Job Number: 460-27128-1

**Matrix Spike/**
**Matrix Spike Duplicate Recovery Report - Batch: 460-75847**

**Method: 8081A**
**Preparation: 3541**

| | | | | | |
|---|---|---|---|---|---|
| MS Lab Sample ID: | 460-27126-A-1-J MS | Units: | ug/Kg | MSD Lab Sample ID: | 460-27126-A-1-K MSD |
| Client Matrix: | Solid | | | Client Matrix: | Solid |
| Dilution: | 1.0 | | | Dilution: | 1.0 |
| Analysis Date: | 06/08/2011 1221 | | | Analysis Date: | 06/08/2011 1235 |
| Prep Date: | 06/07/2011 0619 | | | Prep Date: | 06/07/2011 0619 |
| Leach Date: | N/A | | | Leach Date: | N/A |

| Analyte | Sample Result/Qual | | MS Spike Amount | MSD Spike Amount | MS Result/Qual | MSD Result/Qual |
|---|---|---|---|---|---|---|
| Endrin | 7.3 | U | 145 | 146 | 187 | 181 |
| Endosulfan II | 7.3 | U | 145 | 146 | 169 | 161 |
| Endosulfan II | 7.3 | U | 145 | 146 | 169 | 164 |
| Endosulfan II | 7.3 | U | 145 | 146 | 169 | 161 |
| Endosulfan II | 7.3 | U | 145 | 146 | 169 | 164 |
| 4,4'-DDD | 7.3 | U | 145 | 146 | 179 | 173 |
| 4,4'-DDD | 7.3 | U | 145 | 146 | 179 | 187 |
| 4,4'-DDD | 7.3 | U | 145 | 146 | 191 | 173 |
| 4,4'-DDD | 7.3 | U | 145 | 146 | 191 | 187 |
| Endosulfan sulfate | 7.3 | U | 145 | 146 | 137 | 133 |
| Endosulfan sulfate | 7.3 | U | 145 | 146 | 137 | 142 |
| Endosulfan sulfate | 7.3 | U | 145 | 146 | 146 | 133 |
| Endosulfan sulfate | 7.3 | U | 145 | 146 | 146 | 142 |
| 4,4'-DDT | 7.3 | U | 145 | 146 | 172 | 165 |
| 4,4'-DDT | 7.3 | U | 145 | 146 | 172 | 182 |
| 4,4'-DDT | 7.3 | U | 145 | 146 | 187 | 165 |
| 4,4'-DDT | 7.3 | U | 145 | 146 | 187 | 182 |
| Methoxychlor | 7.3 | U | 145 | 146 | 153 | 149 |
| Methoxychlor | 7.3 | U | 145 | 146 | 153 | 165 |
| Methoxychlor | 7.3 | U | 145 | 146 | 169 | 149 |
| Methoxychlor | 7.3 | U | 145 | 146 | 169 | 165 |
| Endrin ketone | 7.3 | U | 145 | 146 | 158 | 154 |
| Endrin ketone | 7.3 | U | 145 | 146 | 158 | 163 |
| Endrin ketone | 7.3 | U | 145 | 146 | 167 | 154 |
| Endrin ketone | 7.3 | U | 145 | 146 | 167 | 163 |
| Endrin aldehyde | 7.3 | U | 145 | 146 | 91.9 | 89.9 |
| Endrin aldehyde | 7.3 | U | 145 | 146 | 91.9 | 96.1 |
| Endrin aldehyde | 7.3 | U | 145 | 146 | 97.9 | 89.9 |
| Endrin aldehyde | 7.3 | U | 145 | 146 | 97.9 | 96.1 |
| alpha-Chlordane | 7.3 | U | 145 | 146 | 168 | 162 |
| alpha-Chlordane | 7.3 | U | 145 | 146 | 168 | 164 |
| alpha-Chlordane | 7.3 | U | 145 | 146 | 170 | 162 |
| alpha-Chlordane | 7.3 | U | 145 | 146 | 170 | 164 |
| gamma-Chlordane | 7.3 | U | 145 | 146 | 160 | 155 |
| gamma-Chlordane | 7.3 | U | 145 | 146 | 160 | 160 |
| gamma-Chlordane | 7.3 | U | 145 | 146 | 178 | 155 |
| gamma-Chlordane | 7.3 | U | 145 | 146 | 178 | 160 |

Client: State of Delaware

Job Number: 460-27128-1

**Method Blank - Batch: 460-75841**

**Method: 8082**
**Preparation: 3541**

| | | | | | |
|---|---|---|---|---|---|
| Lab Sample ID: | MB 460-75841/1-A | Analysis Batch: | 460-76069 | Instrument ID: | PESTGC7 |
| Client Matrix: | Solid | Prep Batch: | 460-75841 | Lab File ID: | or173402.d |
| Dilution: | 1.0 | Leach Batch: | N/A | Initial Weight/Volume: | 15.00 g |
| Analysis Date: | 06/08/2011 1344 | Units: | ug/Kg | Final Weight/Volume: | 10 mL |
| Prep Date: | 06/07/2011 0604 | | | Injection Volume: | |
| Leach Date: | N/A | | | Column ID: | PRIMARY |

| Analyte | Result | Qual | MDL | RL |
|---|---|---|---|---|
| PCB-1016 | 67 | U | 13 | 67 |
| PCB-1221 | 67 | U | 20 | 67 |
| PCB-1232 | 67 | U | 38 | 67 |
| PCB-1242 | 67 | U | 13 | 67 |
| PCB-1248 | 67 | U | 18 | 67 |
| PCB-1254 | 67 | U | 23 | 67 |
| PCB-1260 | 67 | U | 7.5 | 67 |

| Surrogate | % Rec | Acceptance Limits |
|---|---|---|
| DCB Decachlorobiphenyl | 122 | 30 - 150 |

| Surrogate | % Rec | Acceptance Limits |
|---|---|---|
| DCB Decachlorobiphenyl | 120 | 30 - 150 |

Client: State of Delaware

Job Number: 460-27128-1

**Lab Control Sample - Batch: 460-75841**

**Method: 8082**
**Preparation: 3541**

| | | | | | |
|---|---|---|---|---|---|
| Lab Sample ID: | LCS 460-75841/2-A | Analysis Batch: | 460-76069 | Instrument ID: | PESTGC7 |
| Client Matrix: | Solid | Prep Batch: | 460-75841 | Lab File ID: | or173403.d |
| Dilution: | 1.0 | Leach Batch: | N/A | Initial Weight/Volume: | 15.00 g |
| Analysis Date: | 06/08/2011 1400 | Units: | ug/Kg | Final Weight/Volume: | 10 mL |
| Prep Date: | 06/07/2011 0604 | | | Injection Volume: | |
| Leach Date: | N/A | | | Column ID: | PRIMARY |

| Analyte | Spike Amount | Result | % Rec. | Limit | Qual |
|---|---|---|---|---|---|
| PCB-1016 | 333 | 416 | 125 | 60 - 144 | |
| PCB-1260 | 333 | 381 | 114 | 63 - 143 | |

| Surrogate | % Rec | Acceptance Limits |
|---|---|---|
| DCB Decachlorobiphenyl | 111 | 30 - 150 |

**Lab Control Sample - Batch: 460-75841**

**Method: 8082**
**Preparation: 3541**

| | | | | | |
|---|---|---|---|---|---|
| Lab Sample ID: | LCS 460-75841/2-A | Analysis Batch: | 460-76069 | Instrument ID: | PESTGC7 |
| Client Matrix: | Solid | Prep Batch: | 460-75841 | Lab File ID: | of173403.d |
| Dilution: | 1.0 | Leach Batch: | N/A | Initial Weight/Volume: | 15.00 g |
| Analysis Date: | 06/08/2011 1400 | Units: | ug/Kg | Final Weight/Volume: | 10 mL |
| Prep Date: | 06/07/2011 0604 | | | Injection Volume: | |
| Leach Date: | N/A | | | Column ID: | SECONDARY |

| Analyte | Spike Amount | Result | % Rec. | Limit | Qual |
|---|---|---|---|---|---|
| PCB-1016 | 333 | 399 | 120 | 60 - 144 | |
| PCB-1260 | 333 | 373 | 112 | 63 - 143 | |

| Surrogate | % Rec | Acceptance Limits |
|---|---|---|
| DCB Decachlorobiphenyl | 110 | 30 - 150 |

Client: State of Delaware

Job Number: 460-27128-1

**Matrix Spike/**
**Matrix Spike Duplicate Recovery Report - Batch: 460-75841**

**Method: 8082**
**Preparation: 3541**

| | | | | | |
|---|---|---|---|---|---|
| MS Lab Sample ID: | 460-27126-A-1-D MS | Analysis Batch: | 460-76069 | Instrument ID: | PESTGC7 |
| Client Matrix: | Solid | Prep Batch: | 460-75841 | Lab File ID: | or173404.d |
| Dilution: | 1.0 | Leach Batch: | N/A | Initial Weight/Volume: | 15.00 g |
| Analysis Date: | 06/08/2011 1428 | | | Final Weight/Volume: | 10 mL |
| Prep Date: | 06/07/2011 0604 | | | Injection Volume: | |
| Leach Date: | N/A | | | Column ID: | PRIMARY |

| | | | | | |
|---|---|---|---|---|---|
| MSD Lab Sample ID: | 460-27126-A-1-E MSD | Analysis Batch: | 460-76069 | Instrument ID: | PESTGC7 |
| Client Matrix: | Solid | Prep Batch: | 460-75841 | Lab File ID: | of173405.d |
| Dilution: | 1.0 | Leach Batch: | N/A | Initial Weight/Volume: | 15.04 g |
| Analysis Date: | 06/08/2011 1443 | | | Final Weight/Volume: | 10 mL |
| Prep Date: | 06/07/2011 0604 | | | Injection Volume: | |
| Leach Date: | N/A | | | Column ID: | PRIMARY |

| Analyte | % Rec. MS | % Rec. MSD | Limit | RPD | RPD Limit | MS Qual | MSD Qual |
|---|---|---|---|---|---|---|---|
| PCB-1016 | 126 | 119 | 60 - 144 | 6 | 30 | | |
| PCB-1260 | 119 | 109 | 63 - 143 | 9 | 30 | | |

| Surrogate | MS % Rec | MSD % Rec | Acceptance Limits |
|---|---|---|---|
| DCB Decachlorobiphenyl | 118 | 108 | 30 - 150 |

**Matrix Spike/**
**Matrix Spike Duplicate Recovery Report - Batch: 460-75841**

**Method: 8082**
**Preparation: 3541**

| | | | | | |
|---|---|---|---|---|---|
| MS Lab Sample ID: | 460-27126-A-1-D MS | Analysis Batch: | 460-76069 | Instrument ID: | PESTGC7 |
| Client Matrix: | Solid | Prep Batch: | 460-75841 | Lab File ID: | of173404.d |
| Dilution: | 1.0 | Leach Batch: | N/A | Initial Weight/Volume: | 15.00 g |
| Analysis Date: | 06/08/2011 1428 | | | Final Weight/Volume: | 10 mL |
| Prep Date: | 06/07/2011 0604 | | | Injection Volume: | |
| Leach Date: | N/A | | | Column ID: | SECONDARY |

| | | | | | |
|---|---|---|---|---|---|
| MSD Lab Sample ID: | 460-27126-A-1-E MSD | Analysis Batch: | 460-76069 | Instrument ID: | PESTGC7 |
| Client Matrix: | Solid | Prep Batch: | 460-75841 | Lab File ID: | or173405.d |
| Dilution: | 1.0 | Leach Batch: | N/A | Initial Weight/Volume: | 15.04 g |
| Analysis Date: | 06/08/2011 1443 | | | Final Weight/Volume: | 10 mL |
| Prep Date: | 06/07/2011 0604 | | | Injection Volume: | |
| Leach Date: | N/A | | | Column ID: | SECONDARY |

| Analyte | % Rec. MS | % Rec. MSD | Limit | RPD | RPD Limit | MS Qual | MSD Qual |
|---|---|---|---|---|---|---|---|
| PCB-1016 | 119 | 116 | 60 - 144 | 3 | 30 | | |
| PCB-1260 | 118 | 108 | 63 - 143 | 9 | 30 | | |

| Surrogate | MS % Rec | MSD % Rec | Acceptance Limits |
|---|---|---|---|
| DCB Decachlorobiphenyl | 116 | 107 | 30 - 150 |

Client: State of Delaware

Job Number: 460-27128-1

**Matrix Spike/**
**Matrix Spike Duplicate Recovery Report - Batch: 460-75841**

**Method: 8082**
**Preparation: 3541**

| | | | | | |
|---|---|---|---|---|---|
| MS Lab Sample ID: | 460-27126-A-1-D MS | Units: | ug/Kg | MSD Lab Sample ID: | 460-27126-A-1-E MSD |
| Client Matrix: | Solid | | | Client Matrix: | Solid |
| Dilution: | 1.0 | | | Dilution: | 1.0 |
| Analysis Date: | 06/08/2011 1428 | | | Analysis Date: | 06/08/2011 1443 |
| Prep Date: | 06/07/2011 0604 | | | Prep Date: | 06/07/2011 0604 |
| Leach Date: | N/A | | | Leach Date: | N/A |

| Analyte | Sample Result/Qual | | MS Spike Amount | MSD Spike Amount | MS Result/Qual | MSD Result/Qual |
|---|---|---|---|---|---|---|
| PCB-1016 | 73 | U | 364 | 363 | 458 | 430 |
| PCB-1260 | 73 | U | 364 | 363 | 432 | 395 |

**Matrix Spike/**
**Matrix Spike Duplicate Recovery Report - Batch: 460-75841**

**Method: 8082**
**Preparation: 3541**

| | | | | | |
|---|---|---|---|---|---|
| MS Lab Sample ID: | 460-27126-A-1-D MS | Units: | ug/Kg | MSD Lab Sample ID: | 460-27126-A-1-E MSD |
| Client Matrix: | Solid | | | Client Matrix: | Solid |
| Dilution: | 1.0 | | | Dilution: | 1.0 |
| Analysis Date: | 06/08/2011 1428 | | | Analysis Date: | 06/08/2011 1443 |
| Prep Date: | 06/07/2011 0604 | | | Prep Date: | 06/07/2011 0604 |
| Leach Date: | N/A | | | Leach Date: | N/A |

| Analyte | Sample Result/Qual | | MS Spike Amount | MSD Spike Amount | MS Result/Qual | MSD Result/Qual |
|---|---|---|---|---|---|---|
| PCB-1016 | 73 | U | 364 | 363 | 432 | 420 |
| PCB-1260 | 73 | U | 364 | 363 | 429 | 391 |

Client: State of Delaware

Job Number: 460-27128-1

**Method Blank - Batch: 460-75754**

**Method: 9012A**
**Preparation: 9012A**

| | | | | | |
|---|---|---|---|---|---|
| Lab Sample ID: | MB 460-75754/1-A | Analysis Batch: | 460-75797 | Instrument ID: | Lachat2 |
| Client Matrix: | Solid | Prep Batch: | 460-75754 | Lab File ID: | C110606.FDT |
| Dilution: | 1.0 | Leach Batch: | N/A | Initial Weight/Volume: | 1.0 g |
| Analysis Date: | 06/06/2011 1347 | Units: | mg/Kg | Final Weight/Volume: | 50.0 mL |
| Prep Date: | 06/06/2011 0900 | | | | |
| Leach Date: | N/A | | | | |

| Analyte | Result | Qual | MDL | RL |
|---|---|---|---|---|
| Cyanide, Total | 0.50 | U | 0.11 | 0.50 |

**Low Level Control Sample - Batch: 460-75754**

**Method: 9012A**
**Preparation: 9012A**

| | | | | | |
|---|---|---|---|---|---|
| Lab Sample ID: | LLCS 460-75754/2-A | Analysis Batch: | 460-75797 | Instrument ID: | Lachat2 |
| Client Matrix: | Solid | Prep Batch: | 460-75754 | Lab File ID: | C110606.FDT |
| Dilution: | 1.0 | Leach Batch: | N/A | Initial Weight/Volume: | 1.0 g |
| Analysis Date: | 06/06/2011 1349 | Units: | mg/Kg | Final Weight/Volume: | 50.0 mL |
| Prep Date: | 06/06/2011 0900 | | | | |
| Leach Date: | N/A | | | | |

| Analyte | Spike Amount | Result | % Rec. | Limit | Qual |
|---|---|---|---|---|---|
| Cyanide, Total | 1.25 | 1.23 | 99 | 90 - 110 | |

**High Level Control Sample - Batch: 460-75754**

**Method: 9012A**
**Preparation: 9012A**

| | | | | | |
|---|---|---|---|---|---|
| Lab Sample ID: | HLCS 460-75754/3-A | Analysis Batch: | 460-75797 | Instrument ID: | Lachat2 |
| Client Matrix: | Solid | Prep Batch: | 460-75754 | Lab File ID: | C110606.FDT |
| Dilution: | 1.0 | Leach Batch: | N/A | Initial Weight/Volume: | 1.0 g |
| Analysis Date: | 06/06/2011 1350 | Units: | mg/Kg | Final Weight/Volume: | 50.0 mL |
| Prep Date: | 06/06/2011 0900 | | | | |
| Leach Date: | N/A | | | | |

| Analyte | Spike Amount | Result | % Rec. | Limit | Qual |
|---|---|---|---|---|---|
| Cyanide, Total | 10.0 | 10.68 | 107 | 90 - 110 | |

Client: State of Delaware

Job Number: 460-27128-1

**Matrix Spike/**
**Matrix Spike Duplicate Recovery Report - Batch: 460-75754**

**Method: 9012A**
**Preparation: 9012A**

| | | | | | |
|---|---|---|---|---|---|
| MS Lab Sample ID: | 460-27126-A-1-A MS | Analysis Batch: | 460-75797 | Instrument ID: | Lachat2 |
| Client Matrix: | Solid | Prep Batch: | 460-75754 | Lab File ID: | C110606.FDT |
| Dilution: | 1.0 | Leach Batch: | N/A | Initial Weight/Volume: | 1.0 g |
| Analysis Date: | 06/06/2011 1351 | | | Final Weight/Volume: | 50.0 mL |
| Prep Date: | 06/06/2011 0900 | | | | |
| Leach Date: | N/A | | | | |

| | | | | | |
|---|---|---|---|---|---|
| MSD Lab Sample ID: | 460-27126-A-1-B MSD | Analysis Batch: | 460-75797 | Instrument ID: | Lachat2 |
| Client Matrix: | Solid | Prep Batch: | 460-75754 | Lab File ID: | C110606.FDT |
| Dilution: | 1.0 | Leach Batch: | N/A | Initial Weight/Volume: | 1.0 g |
| Analysis Date: | 06/06/2011 1352 | | | Final Weight/Volume: | 50.0 mL |
| Prep Date: | 06/06/2011 0900 | | | | |
| Leach Date: | N/A | | | | |

| | % Rec. | | | | | | |
|---|---|---|---|---|---|---|---|
| Analyte | MS | MSD | Limit | RPD | RPD Limit | MS Qual | MSD Qual |
| Cyanide, Total | 111 | 111 | 87 - 115 | 0 | 10 | | |

**Matrix Spike/**
**Matrix Spike Duplicate Recovery Report - Batch: 460-75754**

**Method: 9012A**
**Preparation: 9012A**

| | | | | | |
|---|---|---|---|---|---|
| MS Lab Sample ID: | 460-27126-A-1-A MS | Units: | mg/Kg | MSD Lab Sample ID: | 460-27126-A-1-B MSD |
| Client Matrix: | Solid | | | Client Matrix: | Solid |
| Dilution: | 1.0 | | | Dilution: | 1.0 |
| Analysis Date: | 06/06/2011 1351 | | | Analysis Date: | 06/06/2011 1352 |
| Prep Date: | 06/06/2011 0900 | | | Prep Date: | 06/06/2011 0900 |
| Leach Date: | N/A | | | Leach Date: | N/A |

| Analyte | Sample Result/Qual | | MS Spike Amount | MSD Spike Amount | MS Result/Qual | MSD Result/Qual |
|---|---|---|---|---|---|---|
| Cyanide, Total | 0.55 | U | 10.9 | 10.9 | 12.13 | 12.13 |

Client: State of Delaware

Job Number: 460-27128-1

**Duplicate - Batch: 460-75504**

**Method: Moisture**
**Preparation: N/A**

| | | | | | |
|---|---|---|---|---|---|
| Lab Sample ID: | 460-27111-A-26 DU | Analysis Batch: | 460-75504 | Instrument ID: | No Equipment |
| Client Matrix: | Solid | Prep Batch: | N/A | Lab File ID: | N/A |
| Dilution: | 1.0 | Leach Batch: | N/A | Initial Weight/Volume: | |
| Analysis Date: | 06/02/2011 1946 | Units: | % | Final Weight/Volume: | |
| Prep Date: | N/A | | | | |
| Leach Date: | N/A | | | | |

| Analyte | Sample Result/Qual | Result | RPD | Limit | Qual |
|---|---|---|---|---|---|
| Percent Moisture | | 20.8 | | | |
| Percent Solids | | 79.2 | | | |

# DATA REPORTING QUALIFIERS

Client: State of Delaware

Job Number: 460-27128-1

| Lab Section | Qualifier | Description |
|---|---|---|
| GC Semi VOA | | |
| | U | Indicates the analyte was analyzed for but not detected. |
| | F | MS/MSD Recovery or RPD exceeds the control limits |
| | X | Surrogate is outside control limits |
| | p | The %RPD between the primary and confirmation column/detector is >40%. The lower value has been reported. |
| General Chemistry | | |
| | U | Indicates the analyte was analyzed for but not detected. |

Client: State of Delaware

Job Number: 460-27128-1

## QC Association Summary

| Lab Sample ID | Client Sample ID | Report Basis | Client Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| **GC Semi VOA** | | | | | |
| **Prep Batch: 460-75841** | | | | | |
| LCS 460-75841/2-A | Lab Control Sample | T | Solid | 3541 | |
| MB 460-75841/1-A | Method Blank | T | Solid | 3541 | |
| 460-27126-A-1-D MS | Matrix Spike | T | Solid | 3541 | |
| 460-27126-A-1-E MSD | Matrix Spike Duplicate | T | Solid | 3541 | |
| 460-27128-1 | PP-SB05 S | T | Solid | 3541 | |
| 460-27128-2 | PP-MW06 D | T | Solid | 3541 | |
| **Prep Batch: 460-75847** | | | | | |
| LCS 460-75847/2-A | Lab Control Sample | T | Solid | 3541 | |
| MB 460-75847/1-A | Method Blank | T | Solid | 3541 | |
| 460-27126-A-1-J MS | Matrix Spike | T | Solid | 3541 | |
| 460-27126-A-1-K MSD | Matrix Spike Duplicate | T | Solid | 3541 | |
| 460-27128-1 | PP-SB05 S | T | Solid | 3541 | |
| 460-27128-2 | PP-MW06 D | T | Solid | 3541 | |
| **Analysis Batch:460-76035** | | | | | |
| 460-27128-1 | PP-SB05 S | T | Solid | 8081A | 460-75847 |
| 460-27128-2 | PP-MW06 D | T | Solid | 8081A | 460-75847 |
| **Analysis Batch:460-76069** | | | | | |
| LCS 460-75841/2-A | Lab Control Sample | T | Solid | 8082 | 460-75841 |
| MB 460-75841/1-A | Method Blank | T | Solid | 8082 | 460-75841 |
| 460-27126-A-1-D MS | Matrix Spike | T | Solid | 8082 | 460-75841 |
| 460-27126-A-1-E MSD | Matrix Spike Duplicate | T | Solid | 8082 | 460-75841 |
| 460-27128-1 | PP-SB05 S | T | Solid | 8082 | 460-75841 |
| 460-27128-2 | PP-MW06 D | T | Solid | 8082 | 460-75841 |
| **Analysis Batch:460-76138** | | | | | |
| MB 460-75847/1-A | Method Blank | T | Solid | 8081A | 460-75847 |
| 460-27126-A-1-J MS | Matrix Spike | T | Solid | 8081A | 460-75847 |
| 460-27126-A-1-K MSD | Matrix Spike Duplicate | T | Solid | 8081A | 460-75847 |
| **Analysis Batch:460-76149** | | | | | |
| LCS 460-75847/2-A | Lab Control Sample | T | Solid | 8081A | 460-75847 |

**Report Basis**
T = Total

Client: State of Delaware

Job Number: 460-27128-1

## QC Association Summary

| Lab Sample ID | Client Sample ID | Report Basis | Client Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| **General Chemistry** | | | | | |
| **Analysis Batch:460-75504** | | | | | |
| 460-27111-A-26 DU | Duplicate | T | Solid | Moisture | |
| 460-27128-1 | PP-SB05 S | T | Solid | Moisture | |
| 460-27128-2 | PP-MW06 D | T | Solid | Moisture | |
| **Prep Batch: 460-75754** | | | | | |
| HLCS 460-75754/3-A | High Level Control Sample | T | Solid | 9012A | |
| LLCS 460-75754/2-A | Low Level Control Sample | T | Solid | 9012A | |
| MB 460-75754/1-A | Method Blank | T | Solid | 9012A | |
| 460-27126-A-1-A MS | Matrix Spike | T | Solid | 9012A | |
| 460-27126-A-1-B MSD | Matrix Spike Duplicate | T | Solid | 9012A | |
| 460-27128-1 | PP-SB05 S | T | Solid | 9012A | |
| 460-27128-2 | PP-MW06 D | T | Solid | 9012A | |
| **Analysis Batch:460-75797** | | | | | |
| HLCS 460-75754/3-A | High Level Control Sample | T | Solid | 9012A | 460-75754 |
| LLCS 460-75754/2-A | Low Level Control Sample | T | Solid | 9012A | 460-75754 |
| MB 460-75754/1-A | Method Blank | T | Solid | 9012A | 460-75754 |
| 460-27126-A-1-A MS | Matrix Spike | T | Solid | 9012A | 460-75754 |
| 460-27126-A-1-B MSD | Matrix Spike Duplicate | T | Solid | 9012A | 460-75754 |
| 460-27128-1 | PP-SB05 S | T | Solid | 9012A | 460-75754 |
| 460-27128-2 | PP-MW06 D | T | Solid | 9012A | 460-75754 |

**Report Basis**
T = Total

Client: State of Delaware

Job Number: 460-27128-1

## Laboratory Chronicle

**Lab ID:** **460-27128-1** **Client ID:** **PP-SB05 S**

Sample Date/Time: 05/25/2011 10:29 Received Date/Time: 06/01/2011 18:40

| Method | Bottle ID | Run | Analysis Batch | Prep Batch | Date Prepared / Analyzed | Dil | Lab | Analyst |
|---|---|---|---|---|---|---|---|---|
| P:3541 | 460-27128-A-1-C | | 460-76035 | 460-75847 | 06/07/2011 06:19 | 1 | TAL EDI | ARA |
| A:8081A | 460-27128-A-1-C | | 460-76035 | 460-75847 | 06/08/2011 10:45 | 1 | TAL EDI | FM |
| P:3541 | 460-27128-A-1-B | | 460-76069 | 460-75841 | 06/07/2011 06:04 | 1 | TAL EDI | ARA |
| A:8082 | 460-27128-A-1-B | | 460-76069 | 460-75841 | 06/08/2011 15:33 | 1 | TAL EDI | CDC |
| P:9012A | 460-27128-A-1-A | | 460-75797 | 460-75754 | 06/06/2011 09:00 | 1 | TAL EDI | IA |
| A:9012A | 460-27128-A-1-A | | 460-75797 | 460-75754 | 06/06/2011 13:58 | 1 | TAL EDI | HV |
| A:Moisture | 460-27128-A-1 | | 460-75504 | | 06/02/2011 19:53 | 1 | TAL EDI | CR |

**Lab ID:** **460-27128-2** **Client ID:** **PP-MW06 D**

Sample Date/Time: 05/25/2011 12:31 Received Date/Time: 06/01/2011 18:40

| Method | Bottle ID | Run | Analysis Batch | Prep Batch | Date Prepared / Analyzed | Dil | Lab | Analyst |
|---|---|---|---|---|---|---|---|---|
| P:3541 | 460-27128-A-2-C | | 460-76035 | 460-75847 | 06/07/2011 06:19 | 1 | TAL EDI | ARA |
| A:8081A | 460-27128-A-2-C | | 460-76035 | 460-75847 | 06/08/2011 10:58 | 1 | TAL EDI | FM |
| P:3541 | 460-27128-A-2-B | | 460-76069 | 460-75841 | 06/07/2011 06:04 | 1 | TAL EDI | ARA |
| A:8082 | 460-27128-A-2-B | | 460-76069 | 460-75841 | 06/08/2011 15:48 | 1 | TAL EDI | CDC |
| P:9012A | 460-27128-A-2-A | | 460-75797 | 460-75754 | 06/06/2011 09:00 | 1 | TAL EDI | IA |
| A:9012A | 460-27128-A-2-A | | 460-75797 | 460-75754 | 06/06/2011 13:59 | 1 | TAL EDI | HV |
| A:Moisture | 460-27128-A-2 | | 460-75504 | | 06/02/2011 19:53 | 1 | TAL EDI | CR |

**Lab ID:** **MB** **Client ID:** **N/A**

Sample Date/Time: N/A Received Date/Time: N/A

| Method | Bottle ID | Run | Analysis Batch | Prep Batch | Date Prepared / Analyzed | Dil | Lab | Analyst |
|---|---|---|---|---|---|---|---|---|
| P:3541 | MB 460-75847/1-A | | 460-76138 | 460-75847 | 06/07/2011 06:19 | 1 | TAL EDI | ARA |
| A:8081A | MB 460-75847/1-A | | 460-76138 | 460-75847 | 06/08/2011 15:35 | 1 | TAL EDI | FM |
| P:3541 | MB 460-75841/1-A | | 460-76069 | 460-75841 | 06/07/2011 06:04 | 1 | TAL EDI | ARA |
| A:8082 | MB 460-75841/1-A | | 460-76069 | 460-75841 | 06/08/2011 13:44 | 1 | TAL EDI | CDC |
| P:9012A | MB 460-75754/1-A | | 460-75797 | 460-75754 | 06/06/2011 09:00 | 1 | TAL EDI | IA |
| A:9012A | MB 460-75754/1-A | | 460-75797 | 460-75754 | 06/06/2011 13:47 | 1 | TAL EDI | HV |

**Lab ID:** **LCS** **Client ID:** **N/A**

Sample Date/Time: N/A Received Date/Time: N/A

| Method | Bottle ID | Run | Analysis Batch | Prep Batch | Date Prepared / Analyzed | Dil | Lab | Analyst |
|---|---|---|---|---|---|---|---|---|
| P:3541 | LCS 460-75847/2-A | | 460-76149 | 460-75847 | 06/07/2011 06:19 | 1 | TAL EDI | ARA |
| A:8081A | LCS 460-75847/2-A | | 460-76149 | 460-75847 | 06/09/2011 08:00 | 1 | TAL EDI | FM |
| P:3541 | LCS 460-75841/2-A | | 460-76069 | 460-75841 | 06/07/2011 06:04 | 1 | TAL EDI | ARA |
| A:8082 | LCS 460-75841/2-A | | 460-76069 | 460-75841 | 06/08/2011 14:00 | 1 | TAL EDI | CDC |

Client: State of Delaware

Job Number: 460-27128-1

## Laboratory Chronicle

**Lab ID:** LLCS **Client ID:** N/A

Sample Date/Time: N/A Received Date/Time: N/A

| Method | Bottle ID | Run | Analysis Batch | Prep Batch | Date Prepared / Analyzed | Dil | Lab | Analyst |
|---|---|---|---|---|---|---|---|---|
| P:9012A | LLCS 460-75754/2-A | | 460-75797 | 460-75754 | 06/06/2011 09:00 | 1 | TAL EDI | IA |
| A:9012A | LLCS 460-75754/2-A | | 460-75797 | 460-75754 | 06/06/2011 13:49 | 1 | TAL EDI | HV |

**Lab ID:** HLCS **Client ID:** N/A

Sample Date/Time: N/A Received Date/Time: N/A

| Method | Bottle ID | Run | Analysis Batch | Prep Batch | Date Prepared / Analyzed | Dil | Lab | Analyst |
|---|---|---|---|---|---|---|---|---|
| P:9012A | HLCS 460-75754/3-A | | 460-75797 | 460-75754 | 06/06/2011 09:00 | 1 | TAL EDI | IA |
| A:9012A | HLCS 460-75754/3-A | | 460-75797 | 460-75754 | 06/06/2011 13:50 | 1 | TAL EDI | HV |

**Lab ID:** MS **Client ID:** N/A

Sample Date/Time: 05/24/2011 09:25 Received Date/Time: 06/01/2011 18:40

| Method | Bottle ID | Run | Analysis Batch | Prep Batch | Date Prepared / Analyzed | Dil | Lab | Analyst |
|---|---|---|---|---|---|---|---|---|
| P:3541 | 460-27126-A-1-J MS | | 460-76138 | 460-75847 | 06/07/2011 06:19 | 1 | TAL EDI | ARA |
| A:8081A | 460-27126-A-1-J MS | | 460-76138 | 460-75847 | 06/08/2011 12:21 | 1 | TAL EDI | FM |
| P:3541 | 460-27126-A-1-D MS | | 460-76069 | 460-75841 | 06/07/2011 06:04 | 1 | TAL EDI | ARA |
| A:8082 | 460-27126-A-1-D MS | | 460-76069 | 460-75841 | 06/08/2011 14:28 | 1 | TAL EDI | CDC |
| P:9012A | 460-27126-A-1-A MS | | 460-75797 | 460-75754 | 06/06/2011 09:00 | 1 | TAL EDI | IA |
| A:9012A | 460-27126-A-1-A MS | | 460-75797 | 460-75754 | 06/06/2011 13:51 | 1 | TAL EDI | HV |

**Lab ID:** MSD **Client ID:** N/A

Sample Date/Time: 05/24/2011 09:25 Received Date/Time: 06/01/2011 18:40

| Method | Bottle ID | Run | Analysis Batch | Prep Batch | Date Prepared / Analyzed | Dil | Lab | Analyst |
|---|---|---|---|---|---|---|---|---|
| P:3541 | 460-27126-A-1-K MSD | | 460-76138 | 460-75847 | 06/07/2011 06:19 | 1 | TAL EDI | ARA |
| A:8081A | 460-27126-A-1-K MSD | | 460-76138 | 460-75847 | 06/08/2011 12:35 | 1 | TAL EDI | FM |
| P:3541 | 460-27126-A-1-E MSD | | 460-76069 | 460-75841 | 06/07/2011 06:04 | 1 | TAL EDI | ARA |
| A:8082 | 460-27126-A-1-E MSD | | 460-76069 | 460-75841 | 06/08/2011 14:43 | 1 | TAL EDI | CDC |
| P:9012A | 460-27126-A-1-B MSD | | 460-75797 | 460-75754 | 06/06/2011 09:00 | 1 | TAL EDI | IA |
| A:9012A | 460-27126-A-1-B MSD | | 460-75797 | 460-75754 | 06/06/2011 13:52 | 1 | TAL EDI | HV |

Client: State of Delaware

Job Number: 460-27128-1

## Laboratory Chronicle

**Lab ID:** **DU** **Client ID:** **N/A**

Sample Date/Time: 06/01/2011 13:05 Received Date/Time: 06/01/2011 18:05

| Method | Bottle ID | Run | Analysis Batch | Prep Batch | Date Prepared / Analyzed | Dil | Lab | Analyst |
|---|---|---|---|---|---|---|---|---|
| A:Moisture | 460-27111-A-26 DU | | 460-75504 | | 06/02/2011 19:46 | 1 | TAL EDI | CR |

**Lab References:**
TAL EDI = TestAmerica Edison

# Method 8081 - Delaware

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## Organochlorine Pesticides (GC) by Method 8081 (Delaware)

FORM II
GC SEMI VOA SURROGATE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-27128-1

SDG No.:

Matrix: Solid Level: Low

GC Column (1): CLP-1 ID: 0.53 (mm) GC Column (2): CLP-2 ID: 0.53 (mm)

| Client Sample ID | Lab Sample ID | TCX1 # | TCX2 # | DCB1 # | DCB2 # |
|---|---|---|---|---|---|
| PP-SB05 S | 460-27128-1 | 81 | 85 | 103 | 100 |
| PP-MW06 D | 460-27128-2 | 100 | 105 | 126 | 117 |
| | MB 460-75847/1-A | 124 | 127 | 144 | 138 |
| | LCS 460-75847/2-A | 117 | 120 | 135 | 128 |
| | 460-27126-A-1-J MS | 132 | 129 | 147 | 136 |
| | 460-27126-A-1-K MSD | 116 | 119 | 137 | 127 |

| | QC LIMITS |
|---|---|
| TCX = Tetrachloro-m-xylene | 40-150 |
| DCB = DCB Decachlorobiphenyl | 53-150 |

# Column to be used to flag recovery values

FORM II 8081A

FORM III
GC SEMI VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-27128-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: xf121299.d

Lab ID: LCS 460-75847/2-A Client ID:

| COMPOUND | SPIKE ADDED (ug/Kg) | LCS CONCENTRATION (ug/Kg) | LCS % REC | QC LIMITS REC | # |
|---|---|---|---|---|---|
| alpha-BHC | 133 | 143 | 108 | 58-138 | |
| beta-BHC | 133 | 143 | 108 | 60-139 | |
| delta-BHC | 133 | 148 | 111 | 60-141 | |
| gamma-BHC (Lindane) | 133 | 143 | 107 | 58-136 | |
| Heptachlor | 133 | 157 | 117 | 58-137 | |
| Aldrin | 133 | 156 | 117 | 58-143 | |
| Heptachlor epoxide | 133 | 148 | 111 | 59-136 | |
| Endosulfan I | 133 | 148 | 111 | 60-138 | |
| Dieldrin | 133 | 134 | 101 | 55-128 | |
| 4,4'-DDE | 133 | 149 | 112 | 58-150 | |
| Endrin | 133 | 159 | 119 | 61-150 | |
| Endosulfan II | 133 | 149 | 112 | 59-133 | |
| 4,4'-DDD | 133 | 152 | 114 | 63-150 | |
| Endosulfan sulfate | 133 | 146 | 110 | 56-133 | |
| 4,4'-DDT | 133 | 160 | 120 | 57-150 | |
| Methoxychlor | 133 | 147 | 110 | 42-150 | |
| Endrin ketone | 133 | 139 | 104 | 62-139 | |
| Endrin aldehyde | 133 | 130 | 98 | 55-122 | |
| alpha-Chlordane | 133 | 148 | 111 | 49-143 | |
| gamma-Chlordane | 133 | 141 | 106 | 45-147 | |

# Column to be used to flag recovery and RPD values

FORM III 8081A

FORM III
GC SEMI VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-27128-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: xr121299.d

Lab ID: LCS 460-75847/2-A Client ID:

| COMPOUND | SPIKE ADDED (ug/Kg) | LCS CONCENTRATION (ug/Kg) | LCS % REC | QC LIMITS REC | # |
|---|---|---|---|---|---|
| alpha-BHC | 133 | 132 | 99 | 58-138 | |
| beta-BHC | 133 | 145 | 109 | 60-139 | |
| delta-BHC | 133 | 137 | 103 | 60-141 | |
| gamma-BHC (Lindane) | 133 | 137 | 103 | 58-136 | |
| Heptachlor | 133 | 141 | 106 | 58-137 | |
| Aldrin | 133 | 119 | 89 | 58-143 | |
| Heptachlor epoxide | 133 | 140 | 105 | 59-136 | |
| Endosulfan I | 133 | 142 | 107 | 60-138 | |
| Dieldrin | 133 | 139 | 104 | 55-128 | |
| 4,4'-DDE | 133 | 148 | 111 | 58-150 | |
| Endrin | 133 | 162 | 121 | 61-150 | |
| Endosulfan II | 133 | 145 | 109 | 59-133 | |
| 4,4'-DDD | 133 | 161 | 120 | 63-150 | |
| Endosulfan sulfate | 133 | 150 | 113 | 56-133 | |
| 4,4'-DDT | 133 | 172 | 129 | 57-150 | |
| Methoxychlor | 133 | 158 | 119 | 42-150 | |
| Endrin ketone | 133 | 144 | 108 | 62-139 | |
| Endrin aldehyde | 133 | 136 | 102 | 55-122 | |
| alpha-Chlordane | 133 | 139 | 105 | 49-143 | |
| gamma-Chlordane | 133 | 142 | 107 | 45-147 | |

# Column to be used to flag recovery and RPD values

FORM III 8081A

FORM III
GC SEMI VOA MATRIX SPIKE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-27128-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: xf121253.d

Lab ID: 460-27126-A-1-J MS Client ID:

| COMPOUND | SPIKE ADDED (ug/Kg) | SAMPLE CONCENTRATION (ug/Kg) | MS CONCENTRATION (ug/Kg) | MS % REC | QC LIMITS REC | # |
|---|---|---|---|---|---|---|
| alpha-BHC | 145 | 7.3 U | 163 | 112 | 58-138 | |
| beta-BHC | 145 | 7.3 U | 165 | 113 | 60-139 | |
| delta-BHC | 145 | 7.3 U | 169 | 116 | 60-141 | |
| gamma-BHC (Lindane) | 145 | 7.3 U | 164 | 113 | 58-136 | |
| Heptachlor | 145 | 7.3 U | 177 | 122 | 58-137 | |
| Aldrin | 145 | 7.3 U | 176 | 121 | 58-143 | |
| Heptachlor epoxide | 145 | 7.3 U | 165 | 114 | 59-136 | |
| Endosulfan I | 145 | 7.3 U | 170 | 117 | 60-138 | |
| Dieldrin | 145 | 7.3 U | 154 | 106 | 55-128 | |
| 4,4'-DDE | 145 | 7.3 U | 182 | 125 | 58-150 | |
| Endrin | 145 | 7.3 U | 174 | 120 | 61-150 | |
| Endosulfan II | 145 | 7.3 U | 169 | 116 | 59-133 | |
| 4,4'-DDD | 145 | 7.3 U | 179 | 123 | 63-150 | |
| Endosulfan sulfate | 145 | 7.3 U | 137 | 95 | 56-133 | |
| 4,4'-DDT | 145 | 7.3 U | 172 | 118 | 57-150 | |
| Methoxychlor | 145 | 7.3 U | 153 | 105 | 42-150 | |
| Endrin ketone | 145 | 7.3 U | 158 | 109 | 62-139 | |
| Endrin aldehyde | 145 | 7.3 U | 91.9 | 63 | 55-122 | |
| alpha-Chlordane | 145 | 7.3 U | 168 | 116 | 49-143 | |
| gamma-Chlordane | 145 | 7.3 U | 160 | 110 | 45-147 | |

# Column to be used to flag recovery and RPD values

FORM III 8081A

FORM III
GC SEMI VOA MATRIX SPIKE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-27128-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: xr121253.d

Lab ID: 460-27126-A-1-J MS Client ID:

| COMPOUND | SPIKE ADDED (ug/Kg) | SAMPLE CONCENTRATION (ug/Kg) | MS CONCENTRATION (ug/Kg) | MS % REC | QC LIMITS REC | # |
|---|---|---|---|---|---|---|
| alpha-BHC | 145 | 7.3 U | 154 | 106 | 58-138 | |
| beta-BHC | 145 | 7.3 U | 233 | 161 | 60-139 | F |
| delta-BHC | 145 | 7.3 U | 155 | 106 | 60-141 | |
| gamma-BHC (Lindane) | 145 | 7.3 U | 157 | 108 | 58-136 | |
| Heptachlor | 145 | 7.3 U | 164 | 113 | 58-137 | |
| Aldrin | 145 | 7.3 U | 148 | 102 | 58-143 | |
| Heptachlor epoxide | 145 | 7.3 U | 165 | 113 | 59-136 | |
| Endosulfan I | 145 | 7.3 U | 169 | 117 | 60-138 | |
| Dieldrin | 145 | 7.3 U | 162 | 112 | 55-128 | |
| 4,4'-DDE | 145 | 7.3 U | 174 | 120 | 58-150 | |
| Endrin | 145 | 7.3 U | 187 | 129 | 61-150 | |
| Endosulfan II | 145 | 7.3 U | 169 | 116 | 59-133 | |
| 4,4'-DDD | 145 | 7.3 U | 191 | 132 | 63-150 | |
| Endosulfan sulfate | 145 | 7.3 U | 146 | 100 | 56-133 | |
| 4,4'-DDT | 145 | 7.3 U | 187 | 129 | 57-150 | |
| Methoxychlor | 145 | 7.3 U | 169 | 117 | 42-150 | |
| Endrin ketone | 145 | 7.3 U | 167 | 115 | 62-139 | |
| Endrin aldehyde | 145 | 7.3 U | 97.9 | 67 | 55-122 | |
| alpha-Chlordane | 145 | 7.3 U | 170 | 117 | 49-143 | |
| gamma-Chlordane | 145 | 7.3 U | 178 | 123 | 45-147 | |

# Column to be used to flag recovery and RPD values

FORM III 8081A

FORM III
GC SEMI VOA MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-27128-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: xf121254.d

Lab ID: 460-27126-A-1-K MSD Client ID:

| COMPOUND | SPIKE ADDED (ug/Kg) | MSD CONCENTRATION (ug/Kg) | MSD % REC | % RPD | QC LIMITS RPD | QC LIMITS REC | # |
|---|---|---|---|---|---|---|---|
| alpha-BHC | 146 | 153 | 105 | 1 | 30 | 58-138 | |
| beta-BHC | 146 | 157 | 108 | 39 | 30 | 60-139 | F |
| delta-BHC | 146 | 162 | 112 | 5 | 30 | 60-141 | |
| gamma-BHC (Lindane) | 146 | 154 | 106 | 2 | 30 | 58-136 | |
| Heptachlor | 146 | 165 | 113 | 0 | 30 | 58-137 | |
| Aldrin | 146 | 164 | 113 | 11 | 30 | 58-143 | |
| Heptachlor epoxide | 146 | 159 | 109 | 4 | 30 | 59-136 | |
| Endosulfan I | 146 | 162 | 112 | 4 | 30 | 60-138 | |
| Dieldrin | 146 | 149 | 103 | 8 | 30 | 55-128 | |
| 4,4'-DDE | 146 | 175 | 120 | 0 | 30 | 58-150 | |
| Endrin | 146 | 168 | 115 | 11 | 30 | 61-150 | |
| Endosulfan II | 146 | 161 | 111 | 5 | 30 | 59-133 | |
| 4,4'-DDD | 146 | 173 | 119 | 10 | 30 | 63-150 | |
| Endosulfan sulfate | 146 | 133 | 92 | 9 | 30 | 56-133 | |
| 4,4'-DDT | 146 | 165 | 113 | 13 | 30 | 57-150 | |
| Methoxychlor | 146 | 149 | 102 | 13 | 30 | 42-150 | |
| Endrin ketone | 146 | 154 | 106 | 8 | 30 | 62-139 | |
| Endrin aldehyde | 146 | 89.9 | 62 | 9 | 30 | 55-122 | |
| alpha-Chlordane | 146 | 162 | 111 | 5 | 30 | 49-143 | |
| gamma-Chlordane | 146 | 155 | 107 | 14 | 30 | 45-147 | |

# Column to be used to flag recovery and RPD values

FORM III 8081A

FORM III
GC SEMI VOA MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-27128-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: xr121254.d

Lab ID: 460-27126-A-1-K MSD Client ID:

| COMPOUND | SPIKE ADDED (ug/Kg) | MSD CONCENTRATION (ug/Kg) | MSD % REC | % RPD | QC LIMITS RPD | QC LIMITS REC | # |
|---|---|---|---|---|---|---|---|
| alpha-BHC | 146 | 144 | 99 | 6 | 30 | 58-138 | |
| beta-BHC | 146 | 154 | 106 | 41 | 30 | 60-139 | F |
| delta-BHC | 146 | 148 | 101 | 5 | 30 | 60-141 | |
| gamma-BHC (Lindane) | 146 | 150 | 103 | 5 | 30 | 58-136 | |
| Heptachlor | 146 | 157 | 108 | 5 | 30 | 58-137 | |
| Aldrin | 146 | 137 | 94 | 8 | 30 | 58-143 | |
| Heptachlor epoxide | 146 | 156 | 107 | 5 | 30 | 59-136 | |
| Endosulfan I | 146 | 161 | 111 | 5 | 30 | 60-138 | |
| Dieldrin | 146 | 157 | 108 | 3 | 30 | 55-128 | |
| 4,4'-DDE | 146 | 173 | 119 | 1 | 30 | 58-150 | |
| Endrin | 146 | 181 | 124 | 3 | 30 | 61-150 | |
| Endosulfan II | 146 | 164 | 113 | 3 | 30 | 59-133 | |
| 4,4'-DDD | 146 | 187 | 128 | 2 | 30 | 63-150 | |
| Endosulfan sulfate | 146 | 142 | 98 | 2 | 30 | 56-133 | |
| 4,4'-DDT | 146 | 182 | 125 | 3 | 30 | 57-150 | |
| Methoxychlor | 146 | 165 | 114 | 2 | 30 | 42-150 | |
| Endrin ketone | 146 | 163 | 112 | 3 | 30 | 62-139 | |
| Endrin aldehyde | 146 | 96.1 | 66 | 2 | 30 | 55-122 | |
| alpha-Chlordane | 146 | 164 | 113 | 4 | 30 | 49-143 | |
| gamma-Chlordane | 146 | 160 | 110 | 11 | 30 | 45-147 | |

# Column to be used to flag recovery and RPD values

FORM III 8081A

FORM IV
GC SEMI VOA METHOD BLANK SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-27128-1

SDG No.:

Lab Sample ID: MB 460-75847/1-A

Matrix: Solid Date Extracted: 06/07/2011 06:19

Lab File ID:(1) xr121267.d Lab File ID:(2) xf121267.d

Date Analyzed:(1) 06/08/2011 15:35 Date Analyzed:(2) 06/08/2011 15:35

Instrument ID:(1) PESTGC1 Instrument ID:(2) PESTGC1

GC Column:(1) CLP-1 ID: 0.53(mm) GC Column:(2) CLP-2 ID: 0.53(mm)

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES:

| CLIENT SAMPLE ID | LAB SAMPLE ID | DATE ANALYZED 1 | DATE ANALYZED 2 |
|---|---|---|---|
| PP-SB05 S | 460-27128-1 | 06/08/2011 10:45 | 06/08/2011 10:45 |
| PP-MW06 D | 460-27128-2 | 06/08/2011 10:58 | 06/08/2011 10:58 |
| | 460-27126-A-1-J MS | 06/08/2011 12:21 | 06/08/2011 12:21 |
| | 460-27126-A-1-K MSD | 06/08/2011 12:35 | 06/08/2011 12:35 |
| | LCS 460-75847/2-A | 06/09/2011 08:00 | 06/09/2011 08:00 |

FORM VIII
GC SEMI VOA ANALYTICAL SEQUENCE

Lab Name: TestAmerica Edison Job No.: 460-27128-1

SDG No.:

Sample No.: CCVRT 460-76035/5 Date Analyzed: 06/08/2011 06:48

Instrument ID: PESTGC1 GC Column: CLP-2 ID: 0.53(mm)

Lab File ID (Standard): xf121230.d Heated Purge: (Y/N) N

Calibration ID: 11115

THE ANALYTICAL SEQUENCE OF BLANKS, SAMPLES, STANDARDS, MS/MSDs AND LCSs IS GIVEN BELOW:

| | | | | TCX | DCB | |
|---|---|---|---|---|---|---|
| | | | | RT # | RT # | |
| CONTINUING CALIBRATION SURROGATE | | | | 2.35 | 10.40 | |
| UPPER LIMIT | | | | 2.40 | 10.50 | |
| LOWER LIMIT | | | | 2.30 | 10.30 | |
| LAB SAMPLE ID | CLIENT SAMPLE ID | DATE ANALYZED | LAB FILE ID | | | |
| PIBLK 460-76035/2 | | 06/08/2011 06:06 | xf121227.d | 2.35 | 10.40 | |
| CCVRT 460-76035/5 | | 06/08/2011 06:48 | xf121230.d | 2.35 | 10.40 | |
| 460-27128-1 | PP-SB05 S | 06/08/2011 10:45 | xf121246.d | 2.35 | 10.40 | |
| 460-27128-2 | PP-MW06 D | 06/08/2011 10:58 | xf121247.d | 2.35 | 10.40 | |
| PIBLK 460-76035/24 | | 06/08/2011 11:26 | xf121249.d | 2.35 | 10.40 | |
| CCV 460-76035/25 | | 06/08/2011 11:40 | xf121250.d | 2.35 | 10.40 | |
| PIBLK 460-76149/2 | | 06/09/2011 07:04 | xf121295.d | 2.35 | 10.40 | |

TCX = Tetrachloro-m-xylene
DCB = DCB Decachlorobiphenyl

TCX RT Limit = ± 0.05 minutes of surrogate RT
DCB RT Limit = ± 0.10 minutes of surrogate RT

# Column used to flag values outside QC limits

FORM VIII 8081A

FORM VIII
GC SEMI VOA ANALYTICAL SEQUENCE

Lab Name: TestAmerica Edison Job No.: 460-27128-1

SDG No.:

Sample No.: CCVRT 460-76035/5 Date Analyzed: 06/08/2011 06:48

Instrument ID: PESTGC1 GC Column: CLP-1 ID: 0.53(mm)

Lab File ID (Standard): xr121230.d Heated Purge: (Y/N) N

Calibration ID: 11114

THE ANALYTICAL SEQUENCE OF BLANKS, SAMPLES, STANDARDS, MS/MSDs AND LCSs IS GIVEN BELOW:

| | | | | TCX | DCB | |
|---|---|---|---|---|---|---|
| | | | | RT # | RT # | |
| CONTINUING CALIBRATION SURROGATE | | | | 1.95 | 9.40 | |
| UPPER LIMIT | | | | 2.00 | 9.50 | |
| LOWER LIMIT | | | | 1.90 | 9.30 | |
| LAB SAMPLE ID | CLIENT SAMPLE ID | DATE ANALYZED | LAB FILE ID | | | |
| PIBLK 460-76035/2 | | 06/08/2011 06:06 | xr121227.d | 1.95 | 9.40 | |
| CCVRT 460-76035/5 | | 06/08/2011 06:48 | xr121230.d | 1.95 | 9.40 | |
| 460-27128-1 | PP-SB05 S | 06/08/2011 10:45 | xr121246.d | 1.95 | 9.40 | |
| 460-27128-2 | PP-MW06 D | 06/08/2011 10:58 | xr121247.d | 1.95 | 9.40 | |
| PIBLK 460-76035/24 | | 06/08/2011 11:26 | xr121249.d | 1.95 | 9.40 | |
| CCV 460-76035/25 | | 06/08/2011 11:40 | xr121250.d | 1.94 | 9.40 | |
| PIBLK 460-76149/2 | | 06/09/2011 07:04 | xr121295.d | 1.95 | 9.40 | |

TCX = Tetrachloro-m-xylene
DCB = DCB Decachlorobiphenyl

TCX RT Limit = ± 0.05 minutes of surrogate RT
DCB RT Limit = ± 0.10 minutes of surrogate RT

# Column used to flag values outside QC limits

FORM VIII 8081A

FORM VIII
GC SEMI VOA ANALYTICAL SEQUENCE

Lab Name: TestAmerica Edison Job No.: 460-27128-1

SDG No.:

Sample No.: CCVRT 460-76138/2 Date Analyzed: 06/08/2011 11:40

Instrument ID: PESTGC1 GC Column: CLP-2 ID: 0.53(mm)

Lab File ID (Standard): xf121250.d Heated Purge: (Y/N) N

Calibration ID: 11115

THE ANALYTICAL SEQUENCE OF BLANKS, SAMPLES, STANDARDS, MS/MSDs AND LCSs IS GIVEN BELOW:

| | | | | TCX | DCB | |
|---|---|---|---|---|---|---|
| | | | | RT # | RT # | |
| CONTINUING CALIBRATION SURROGATE | | | | 2.35 | 10.40 | |
| UPPER LIMIT | | | | 2.40 | 10.50 | |
| LOWER LIMIT | | | | 2.30 | 10.30 | |
| LAB SAMPLE ID | CLIENT SAMPLE ID | DATE ANALYZED | LAB FILE ID | | | |
| PIBLK 460-76138/1 | | 06/08/2011 11:26 | xf121249.d | 2.35 | 10.40 | |
| CCVRT 460-76138/2 | | 06/08/2011 11:40 | xf121250.d | 2.35 | 10.40 | |
| 460-27126-A-1-K MSD | | 06/08/2011 12:35 | xf121254.d | 2.36 | 10.40 | |
| MB 460-75847/1-A | | 06/08/2011 15:35 | xf121267.d | 2.36 | | |
| PIBLK 460-76138/23 | | 06/08/2011 16:30 | xf121271.d | 2.36 | 10.40 | |
| CCV 460-76138/24 | | 06/08/2011 16:44 | xf121272.d | 2.36 | 10.40 | |

TCX = Tetrachloro-m-xylene
DCB = DCB Decachlorobiphenyl

TCX RT Limit = ± 0.05 minutes of surrogate RT
DCB RT Limit = ± 0.10 minutes of surrogate RT

# Column used to flag values outside QC limits

FORM VIII 8081A

FORM VIII
GC SEMI VOA ANALYTICAL SEQUENCE

Lab Name: TestAmerica Edison Job No.: 460-27128-1

SDG No.:

Sample No.: CCVRT 460-76138/2 Date Analyzed: 06/08/2011 11:40

Instrument ID: PESTGC1 GC Column: CLP-1 ID: 0.53(mm)

Lab File ID (Standard): xr121250.d Heated Purge: (Y/N) N

Calibration ID: 11114

THE ANALYTICAL SEQUENCE OF BLANKS, SAMPLES, STANDARDS, MS/MSDs AND LCSs IS GIVEN BELOW:

| | | | | TCX | DCB | |
|---|---|---|---|---|---|---|
| | | | | RT # | RT # | |
| CONTINUING CALIBRATION SURROGATE | | | | 1.94 | 9.40 | |
| UPPER LIMIT | | | | 1.99 | 9.50 | |
| LOWER LIMIT | | | | 1.89 | 9.30 | |
| LAB SAMPLE ID | CLIENT SAMPLE ID | DATE ANALYZED | LAB FILE ID | | | |
| PIBLK 460-76138/1 | | 06/08/2011 11:26 | xr121249.d | 1.95 | 9.40 | |
| CCVRT 460-76138/2 | | 06/08/2011 11:40 | xr121250.d | 1.94 | 9.40 | |
| 460-27126-A-1-K MSD | | 06/08/2011 12:35 | xr121254.d | 1.95 | 9.40 | |
| MB 460-75847/1-A | | 06/08/2011 15:35 | xr121267.d | | 9.40 | |
| PIBLK 460-76138/23 | | 06/08/2011 16:30 | xr121271.d | 1.95 | 9.40 | |
| CCV 460-76138/24 | | 06/08/2011 16:44 | xr121272.d | 1.95 | 9.40 | |

TCX = Tetrachloro-m-xylene
DCB = DCB Decachlorobiphenyl

TCX RT Limit = ± 0.05 minutes of surrogate RT
DCB RT Limit = ± 0.10 minutes of surrogate RT

# Column used to flag values outside QC limits

FORM VIII 8081A

FORM VIII
GC SEMI VOA ANALYTICAL SEQUENCE

Lab Name: TestAmerica Edison Job No.: 460-27128-1

SDG No.:

Sample No.: CCVRT 460-76149/5 Date Analyzed: 06/09/2011 07:46

Instrument ID: PESTGC1 GC Column: CLP-2 ID: 0.53(mm)

Lab File ID (Standard): xf121298.d Heated Purge: (Y/N) N

Calibration ID: 11115

THE ANALYTICAL SEQUENCE OF BLANKS, SAMPLES, STANDARDS, MS/MSDs AND LCSs IS GIVEN BELOW:

| | | | | TCX | DCB | |
|---|---|---|---|---|---|---|
| | | | | RT # | RT # | |
| CONTINUING CALIBRATION SURROGATE | | | | 2.35 | 10.40 | |
| UPPER LIMIT | | | | 2.40 | 10.50 | |
| LOWER LIMIT | | | | 2.30 | 10.30 | |
| LAB SAMPLE ID | CLIENT SAMPLE ID | DATE ANALYZED | LAB FILE ID | | | |
| CCVRT 460-76149/5 | | 06/09/2011 07:46 | xf121298.d | 2.35 | 10.40 | |
| LCS 460-75847/2-A | | 06/09/2011 08:00 | xf121299.d | 2.35 | 10.40 | |
| PIBLK 460-76149/7 | | 06/09/2011 08:15 | xf121300.d | 2.35 | 10.40 | |
| CCV 460-76149/8 | | 06/09/2011 08:28 | xf121301.d | 2.35 | 10.40 | |

TCX = Tetrachloro-m-xylene
DCB = DCB Decachlorobiphenyl

TCX RT Limit = ± 0.05 minutes of surrogate RT
DCB RT Limit = ± 0.10 minutes of surrogate RT

# Column used to flag values outside QC limits

FORM VIII 8081A

FORM VIII
GC SEMI VOA ANALYTICAL SEQUENCE

Lab Name: TestAmerica Edison Job No.: 460-27128-1

SDG No.:

Sample No.: CCVRT 460-76149/5 Date Analyzed: 06/09/2011 07:46

Instrument ID: PESTGC1 GC Column: CLP-1 ID: 0.53(mm)

Lab File ID (Standard): xr121298.d Heated Purge: (Y/N) N

Calibration ID: 11114

THE ANALYTICAL SEQUENCE OF BLANKS, SAMPLES, STANDARDS, MS/MSDs AND LCSs IS GIVEN BELOW:

| | | | | TCX | DCB | |
|---|---|---|---|---|---|---|
| | | | | RT # | RT # | |
| CONTINUING CALIBRATION SURROGATE | | | | 1.95 | 9.40 | |
| UPPER LIMIT | | | | 2.00 | 9.50 | |
| LOWER LIMIT | | | | 1.90 | 9.30 | |
| LAB SAMPLE ID | CLIENT SAMPLE ID | DATE ANALYZED | LAB FILE ID | | | |
| CCVRT 460-76149/5 | | 06/09/2011 07:46 | xr121298.d | 1.95 | 9.40 | |
| LCS 460-75847/2-A | | 06/09/2011 08:00 | xr121299.d | 1.94 | 9.40 | |
| PIBLK 460-76149/7 | | 06/09/2011 08:15 | xr121300.d | 1.95 | 9.40 | |
| CCV 460-76149/8 | | 06/09/2011 08:28 | xr121301.d | 1.95 | 9.40 | |

TCX = Tetrachloro-m-xylene
DCB = DCB Decachlorobiphenyl

TCX RT Limit = ± 0.05 minutes of surrogate RT
DCB RT Limit = ± 0.10 minutes of surrogate RT

# Column used to flag values outside QC limits

FORM VIII 8081A

FORM X
IDENTIFICATION SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-27128-1

SDG No.:

Client Sample ID: PP-SB05 S Lab Sample ID: 460-27128-1

Instrument ID (1): PESTGC1 Instrument ID (2): PESTGC1

Date Analyzed (1): 06/08/2011 10:45 Date Analyzed (2): 06/08/2011 10:45

GC Column (1): CLP-1 ID: 0.53(mm) GC Column (2): CLP-2 ID: 0.53(mm)

| ANALYTE | COL | PEAK | RT | RT WINDOW | | CONCENTRATION | | RPD |
|---|---|---|---|---|---|---|---|---|
| | | | | FROM | TO | PEAK | MEAN | |
| Heptachlor epoxide | 1 | | 4.06 | 3.99 | 4.13 | 28 | | 22.0 |
| | 2 | | 6.29 | 6.23 | 6.37 | 22 | | |
| gamma-Chlordane | 1 | | 4.36 | 4.29 | 4.43 | 18 | | 7.4 |
| | 2 | | 6.77 | 6.71 | 6.85 | 17 | | |
| alpha-Chlordane | 1 | | 4.69 | 4.61 | 4.75 | 58 | | 55.1 |
| | 2 | | 7.10 | 7.04 | 7.18 | 33 | | |
| 4,4'-DDE | 1 | | 4.83 | 4.83 | 4.97 | 11 | | 18.4 |
| | 2 | | 7.38 | 7.30 | 7.44 | 9.2 | | |
| Endosulfan I | 1 | | 5.01 | 4.93 | 5.07 | 20 | | 31.5 |
| | 2 | | 7.19 | 7.15 | 7.29 | 27 | | |

FORM X
IDENTIFICATION SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-27128-1

SDG No.:

Client Sample ID: Lab Sample ID: LCS 460-75847/2-A

Instrument ID (1): PESTGC1 Instrument ID (2): PESTGC1

Date Analyzed (1): 06/09/2011 08:00 Date Analyzed (2): 06/09/2011 08:00

GC Column (1): CLP-1 ID: 0.53(mm) GC Column (2): CLP-2 ID: 0.53(mm)

| ANALYTE | COL | PEAK | RT | RT WINDOW | | CONCENTRATION | | RPD |
|---|---|---|---|---|---|---|---|---|
| | | | | FROM | TO | PEAK | MEAN | |
| alpha-BHC | 1 | | 2.32 | 2.28 | 2.38 | 132 | | 8.2 |
| | 2 | | 2.86 | 2.80 | 2.90 | 143 | | |
| gamma-BHC (Lindane) | 1 | | 2.54 | 2.50 | 2.60 | 137 | | 4.1 |
| | 2 | | 3.22 | 3.16 | 3.26 | 143 | | |
| beta-BHC | 1 | | 2.60 | 2.56 | 2.66 | 145 | | 1.4 |
| | 2 | | 3.31 | 3.25 | 3.35 | 143 | | |
| delta-BHC | 1 | | 2.73 | 2.69 | 2.79 | 137 | | 7.6 |
| | 2 | | 3.75 | 3.69 | 3.79 | 148 | | |
| Heptachlor | 1 | | 2.90 | 2.86 | 2.96 | 141 | | 10.6 |
| | 2 | | 3.90 | 3.84 | 3.94 | 157 | | |
| Aldrin | 1 | | 3.17 | 3.12 | 3.22 | 119 | | 26.7 |
| | 2 | | 4.76 | 4.69 | 4.79 | 156 | | |
| Heptachlor epoxide | 1 | | 4.05 | 3.99 | 4.13 | 140 | | 5.6 |
| | 2 | | 6.31 | 6.23 | 6.37 | 148 | | |
| gamma-Chlordane | 1 | | 4.35 | 4.29 | 4.43 | 142 | | 0.6 |
| | 2 | | 6.79 | 6.71 | 6.85 | 141 | | |
| alpha-Chlordane | 1 | | 4.67 | 4.61 | 4.75 | 139 | | 5.8 |
| | 2 | | 7.12 | 7.04 | 7.18 | 148 | | |
| 4,4'-DDE | 1 | | 4.89 | 4.83 | 4.97 | 148 | | 0.7 |
| | 2 | | 7.38 | 7.30 | 7.44 | 149 | | |
| Endosulfan I | 1 | | 5.00 | 4.93 | 5.07 | 142 | | 3.8 |
| | 2 | | 7.23 | 7.15 | 7.29 | 148 | | |
| Dieldrin | 1 | | 5.61 | 5.55 | 5.69 | 139 | | 3.2 |
| | 2 | | 7.62 | 7.54 | 7.68 | 134 | | |
| Endrin | 1 | | 6.21 | 6.14 | 6.28 | 162 | | 1.9 |
| | 2 | | 7.98 | 7.90 | 8.04 | 159 | | |
| 4,4'-DDD | 1 | | 6.41 | 6.34 | 6.48 | 161 | | 5.5 |
| | 2 | | 8.08 | 8.00 | 8.14 | 152 | | |
| Endosulfan II | 1 | | 6.74 | 6.67 | 6.81 | 145 | | 2.7 |
| | 2 | | 8.22 | 8.14 | 8.28 | 149 | | |
| 4,4'-DDT | 1 | | 7.05 | 6.98 | 7.12 | 172 | | 7.2 |
| | 2 | | 8.44 | 8.37 | 8.51 | 160 | | |
| Endrin aldehyde | 1 | | 7.48 | 7.41 | 7.55 | 136 | | 3.8 |
| | 2 | | 8.61 | 8.53 | 8.67 | 130 | | |
| Methoxychlor | 1 | | 7.73 | 7.66 | 7.80 | 158 | | 7.3 |
| | 2 | | 9.23 | 9.15 | 9.29 | 147 | | |
| Endosulfan sulfate | 1 | | 7.97 | 7.90 | 8.04 | 150 | | 2.7 |
| | 2 | | 8.93 | 8.86 | 9.00 | 146 | | |
| Endrin ketone | 1 | | 8.28 | 8.21 | 8.35 | 144 | | 3.7 |
| | 2 | | 9.49 | 9.42 | 9.56 | 139 | | |

FORM X
IDENTIFICATION SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-27128-1

SDG No.:

Client Sample ID: Lab Sample ID: 460-27126-A-1-J MS

Instrument ID (1): PESTGC1 Instrument ID (2): PESTGC1

Date Analyzed (1): 06/08/2011 12:21 Date Analyzed (2): 06/08/2011 12:21

GC Column (1): CLP-1 ID: 0.53(mm) GC Column (2): CLP-2 ID: 0.53(mm)

| ANALYTE | COL | PEAK | RT | RT WINDOW | | CONCENTRATION | | RPD |
|---|---|---|---|---|---|---|---|---|
| | | | | FROM | TO | PEAK | MEAN | |
| alpha-BHC | 1 | | 2.33 | 2.28 | 2.38 | 154 | | 5.6 |
| | 2 | | 2.86 | 2.81 | 2.91 | 163 | | |
| gamma-BHC (Lindane) | 1 | | 2.55 | 2.50 | 2.60 | 157 | | 4.3 |
| | 2 | | 3.21 | 3.16 | 3.26 | 164 | | |
| beta-BHC | 1 | | 2.62 | 2.56 | 2.66 | 233 | | 34.5 |
| | 2 | | 3.31 | 3.26 | 3.36 | 165 | | |
| delta-BHC | 1 | | 2.74 | 2.69 | 2.79 | 155 | | 8.8 |
| | 2 | | 3.74 | 3.69 | 3.79 | 169 | | |
| Heptachlor | 1 | | 2.91 | 2.86 | 2.96 | 164 | | 7.1 |
| | 2 | | 3.90 | 3.85 | 3.95 | 177 | | |
| Aldrin | 1 | | 3.18 | 3.13 | 3.23 | 148 | | 17.6 |
| | 2 | | 4.75 | 4.70 | 4.80 | 176 | | |
| Heptachlor epoxide | 1 | | 4.07 | 4.00 | 4.14 | 165 | | 0.4 |
| | 2 | | 6.30 | 6.23 | 6.37 | 165 | | |
| gamma-Chlordane | 1 | | 4.37 | 4.30 | 4.44 | 178 | | 10.7 |
| | 2 | | 6.78 | 6.71 | 6.85 | 160 | | |
| alpha-Chlordane | 1 | | 4.69 | 4.62 | 4.76 | 170 | | 1.4 |
| | 2 | | 7.11 | 7.04 | 7.18 | 168 | | |
| 4,4'-DDE | 1 | | 4.90 | 4.84 | 4.98 | 174 | | 4.4 |
| | 2 | | 7.37 | 7.30 | 7.44 | 182 | | |
| Endosulfan I | 1 | | 5.01 | 4.94 | 5.08 | 169 | | 0.1 |
| | 2 | | 7.22 | 7.15 | 7.29 | 170 | | |
| Dieldrin | 1 | | 5.62 | 5.56 | 5.70 | 162 | | 5.2 |
| | 2 | | 7.61 | 7.54 | 7.68 | 154 | | |
| Endrin | 1 | | 6.22 | 6.15 | 6.29 | 187 | | 6.9 |
| | 2 | | 7.97 | 7.90 | 8.04 | 174 | | |
| 4,4'-DDD | 1 | | 6.42 | 6.35 | 6.49 | 191 | | 6.6 |
| | 2 | | 8.07 | 8.00 | 8.14 | 179 | | |
| Endosulfan II | 1 | | 6.75 | 6.68 | 6.82 | 169 | | 0.2 |
| | 2 | | 8.21 | 8.14 | 8.28 | 169 | | |
| 4,4'-DDT | 1 | | 7.05 | 6.99 | 7.13 | 187 | | 8.6 |
| | 2 | | 8.43 | 8.37 | 8.51 | 172 | | |
| Endrin aldehyde | 1 | | 7.48 | 7.42 | 7.56 | 97.9 | | 6.3 |
| | 2 | | 8.60 | 8.53 | 8.67 | 91.9 | | |
| Methoxychlor | 1 | | 7.73 | 7.66 | 7.80 | 169 | | 10.4 |
| | 2 | | 9.22 | 9.15 | 9.29 | 153 | | |
| Endosulfan sulfate | 1 | | 7.97 | 7.90 | 8.04 | 146 | | 5.8 |
| | 2 | | 8.93 | 8.86 | 9.00 | 137 | | |
| Endrin ketone | 1 | | 8.28 | 8.21 | 8.35 | 167 | | 5.5 |
| | 2 | | 9.49 | 9.42 | 9.56 | 158 | | |

FORM X
IDENTIFICATION SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-27128-1

SDG No.:

Client Sample ID: Lab Sample ID: 460-27126-A-1-K MSD

Instrument ID (1): PESTGC1 Instrument ID (2): PESTGC1

Date Analyzed (1): 06/08/2011 12:35 Date Analyzed (2): 06/08/2011 12:35

GC Column (1): CLP-1 ID: 0.53(mm) GC Column (2): CLP-2 ID: 0.53(mm)

| ANALYTE | COL | PEAK | RT | RT WINDOW | | CONCENTRATION | | RPD |
|---|---|---|---|---|---|---|---|---|
| | | | | FROM | TO | PEAK | MEAN | |
| alpha-BHC | 1 | | 2.33 | 2.28 | 2.38 | 144 | | 5.8 |
| | 2 | | 2.86 | 2.81 | 2.91 | 153 | | |
| gamma-BHC (Lindane) | 1 | | 2.55 | 2.50 | 2.60 | 150 | | 2.7 |
| | 2 | | 3.22 | 3.16 | 3.26 | 154 | | |
| beta-BHC | 1 | | 2.61 | 2.56 | 2.66 | 154 | | 2.4 |
| | 2 | | 3.31 | 3.26 | 3.36 | 157 | | |
| delta-BHC | 1 | | 2.74 | 2.69 | 2.79 | 148 | | 9.5 |
| | 2 | | 3.74 | 3.69 | 3.79 | 162 | | |
| Heptachlor | 1 | | 2.91 | 2.86 | 2.96 | 157 | | 5.2 |
| | 2 | | 3.90 | 3.85 | 3.95 | 165 | | |
| Aldrin | 1 | | 3.18 | 3.13 | 3.23 | 137 | | 18.2 |
| | 2 | | 4.75 | 4.70 | 4.80 | 164 | | |
| Heptachlor epoxide | 1 | | 4.07 | 4.00 | 4.14 | 156 | | 1.6 |
| | 2 | | 6.30 | 6.23 | 6.37 | 159 | | |
| gamma-Chlordane | 1 | | 4.37 | 4.30 | 4.44 | 160 | | 3.1 |
| | 2 | | 6.78 | 6.71 | 6.85 | 155 | | |
| alpha-Chlordane | 1 | | 4.69 | 4.62 | 4.76 | 164 | | 1.5 |
| | 2 | | 7.11 | 7.04 | 7.18 | 162 | | |
| 4,4'-DDE | 1 | | 4.90 | 4.84 | 4.98 | 173 | | 1.3 |
| | 2 | | 7.37 | 7.30 | 7.44 | 175 | | |
| Endosulfan I | 1 | | 5.01 | 4.94 | 5.08 | 161 | | 0.9 |
| | 2 | | 7.22 | 7.15 | 7.29 | 162 | | |
| Dieldrin | 1 | | 5.62 | 5.56 | 5.70 | 157 | | 5.3 |
| | 2 | | 7.61 | 7.54 | 7.68 | 149 | | |
| Endrin | 1 | | 6.22 | 6.15 | 6.29 | 181 | | 7.5 |
| | 2 | | 7.97 | 7.90 | 8.04 | 168 | | |
| 4,4'-DDD | 1 | | 6.42 | 6.35 | 6.49 | 187 | | 7.4 |
| | 2 | | 8.07 | 8.00 | 8.14 | 173 | | |
| Endosulfan II | 1 | | 6.75 | 6.68 | 6.82 | 164 | | 1.7 |
| | 2 | | 8.21 | 8.14 | 8.28 | 161 | | |
| 4,4'-DDT | 1 | | 7.05 | 6.99 | 7.13 | 182 | | 10.0 |
| | 2 | | 8.43 | 8.37 | 8.51 | 165 | | |
| Endrin aldehyde | 1 | | 7.48 | 7.42 | 7.56 | 96.1 | | 6.7 |
| | 2 | | 8.60 | 8.53 | 8.67 | 89.9 | | |
| Methoxychlor | 1 | | 7.73 | 7.66 | 7.80 | 165 | | 10.7 |
| | 2 | | 9.22 | 9.15 | 9.29 | 149 | | |
| Endosulfan sulfate | 1 | | 7.97 | 7.90 | 8.04 | 142 | | 6.4 |
| | 2 | | 8.93 | 8.86 | 9.00 | 133 | | |
| Endrin ketone | 1 | | 8.28 | 8.21 | 8.35 | 163 | | 5.4 |
| | 2 | | 9.49 | 9.42 | 9.56 | 154 | | |

FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-27128-1

SDG No.:

Client Sample ID: PP-SB05 S | Lab Sample ID: 460-27128-1

Matrix: Solid | Lab File ID: xf121246.d

Analysis Method: 8081A | Date Collected: 05/25/2011 10:29

Extraction Method: 3541 | Date Extracted: 06/07/2011 06:19

Sample wt/vol: 15.03(g) | Date Analyzed: 06/08/2011 10:45

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: CLP-2 ID: 0.53(mm)

% Moisture: 1.9 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 76035 | Units: ug/Kg

| CAS NO. | COMPOUND NAME | RESULT | Q | RL | MDL |
|---|---|---|---|---|---|
| 959-98-8 | Endosulfan I | 27 | | 6.8 | 1.4 |
| 5103-71-9 | alpha-Chlordane | 33 | p | 6.8 | 1.4 |

| CAS NO. | SURROGATE | %REC | Q | LIMITS |
|---|---|---|---|---|
| 2051-24-3 | DCB Decachlorobiphenyl | 100 | | 53-150 |
| 877-09-8 | Tetrachloro-m-xylene | 85 | | 40-150 |

Data File: xf121246.d
Report Date: 08-Jun-2011 11:44

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC1.i/8081T/front/Jun11/06-08-11/08jun11a.b/xf121246.d
Lab Smp Id: 460-27128-A-1-C  Client Smp ID: PP-SB05 S
Inj Date : 08-JUN-2011 10:45
Operator : 462  Inst ID: PESTGC1.i
Smp Info : 460-27128-A-1-C
Misc Info : 460-27128-A-1-C
Comment :
Method : /chem1/PESTGC1.i/8081T/front/Jun11/06-08-11/08jun11a.b/09Xf8081.m
Meth Date : 08-Jun-2011 11:36 Ex. 4 CBI  Quant Type: ESTD
Cal Date : 02-JUN-2011 15:42  Cal File: xf120980.d
Als bottle: 1
Dil Factor: 1.00000
Integrator: Falcon  Compound Sublist: Allpest.sub
Target Version: 3.50  Sample Matrix: SOIL
Processing Host: hpd3

Concentration Formula: Amt * DF * Vt/(Ws*(100-M)/100) * CpndVariable

| Name | Value | Description |
|---|---|---|
| DF | 1.00000 | Dilution Factor |
| Vt | 10.00000 | Volume of final extract (uL)(1000 low, 2 |
| Ws | 15.03000 | Weight of sample extracted (g) |
| M | 1.93165 | % Moisture |

Cpnd Variable  Local Compound Variable

| RT | EXP RT | DLT RT | RESPONSE | CONCENTRATIONS ON-COL ( ug/L) | FINAL (ug/kg) | TARGET RANGE | RATIO |
|---|---|---|---|---|---|---|---|
| $ 28 Tetrachloro-m-xylene | | | | | CAS #: 877-09-8 | | |
| 2.353 | 2.350 | 0.003 | 126593 | 42.5534 | | 80.00- 120.00 | 100.00(aR) |
| 18 Heptachlor epoxide | | | | | CAS #: 1024-57-3 | | |
| 6.293 | 6.297 | -0.004 | 130887 | 32.9290 | | 80.00- 120.00 | 100.00(aM) |
| 65 gamma-Chlordane | | | | | CAS #: 5103-74-2 | | |
| 6.773 | 6.777 | -0.004 | 102636 | 24.6191 | | 80.00- 120.00 | 100.00(a) |
| 66 alpha-Chlordane | | | | | CAS #: 5103-71-9 | | |
| 7.103 | 7.107 | -0.004 | 175905 | 48.1638 | | 80.00- 120.00 | 100.00(a) |
| 8 4,4'-DDE | | | | | CAS #: 72-55-9 | | |
| 7.377 | 7.370 | 0.007 | 43268 | 13.6298 | | 80.00- 120.00 | 100.00(a) |

Data File: xf121246.d
Report Date: 08-Jun-2011 11:44

| RT | EXP RT | DLT RT | RESPONSE | CONCENTRATIONS ON-COL ( ug/L) | FINAL (ug/kg) | TARGET RANGE | RATIO |
|---|---|---|---|---|---|---|---|
| 11 Endosulfan I | | | | | CAS #: 959-98-8 | | |
| 7.190 | 7.220 | -0.030 | 133010 | 39.6391 | | 80.00- 120.00 | 100.00(a) |
| $ 30 Decachlorobiphenyl | | | | | CAS #: 2051-24-3 | | |
| 10.403 | 10.400 | 0.003 | 102752 | 50.0755 | | 80.00- 120.00 | 100.00(aR) |

QC Flag Legend

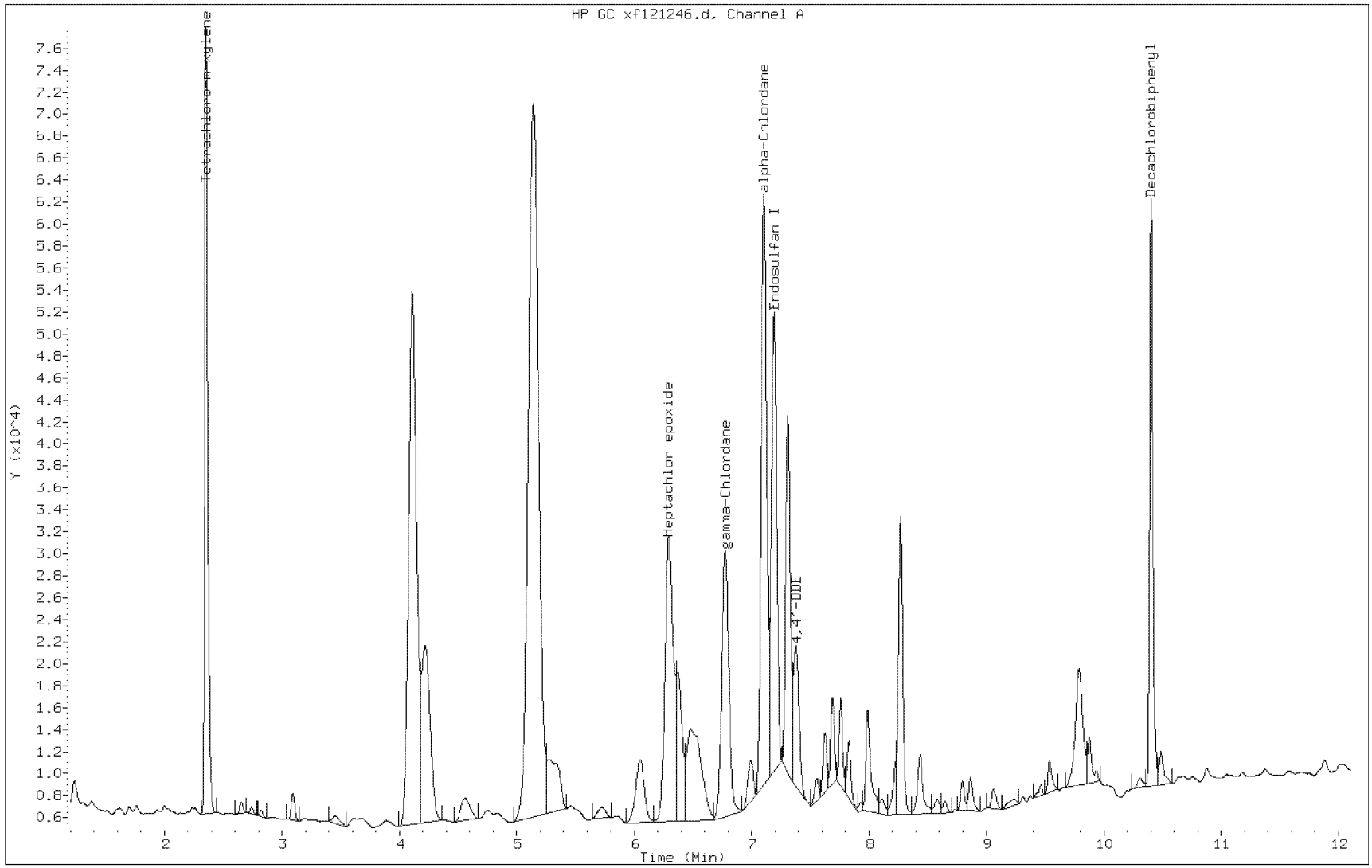
a - Target compound detected but, quantitated amount
    Below Limit Of Quantitation(BLOQ).
R - Spike/Surrogate failed recovery limits.
M - Compound response manually integrated.

Data File: xf121246.d

Date: 08-JUN-2011 10:45

Client ID: PP-SB05 S | Instrument: PESTGC1.i

Sample Info: 460-27128-A-1-C | Operator: 462



Manual Integration Report

Data File: xf121246.d
Inj. Date and Time: 08-JUN-2011 10:45
Instrument ID: PESTGC1.i
Client ID: PP-SB05 S
Compound: 18 Heptachlor epoxide
CAS #: 1024-57-3
Report Date: 06/08/2011

Processing Integration Results

Not Detected

Expected RT: 6.30

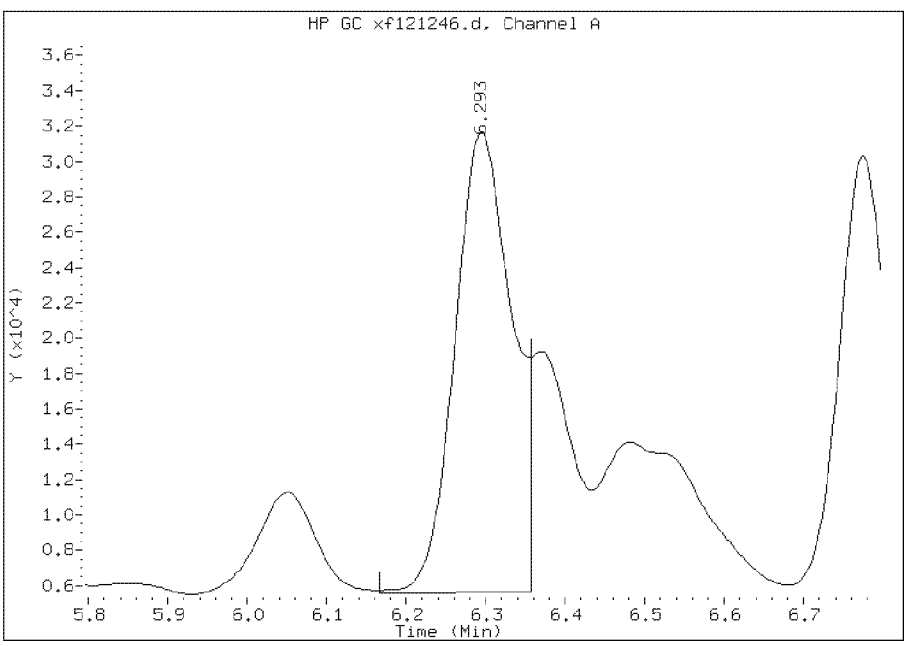
Manual Integration Results

RT: 6.29

Response: 130887

Amount: 32.93

Conc: 0.00




Manually Integrated By: Ex. 4 CBI
Manual Integration Reason:

FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-27128-1

SDG No.:

Client Sample ID: PP-SB05 S | Lab Sample ID: 460-27128-1

Matrix: Solid | Lab File ID: xr121246.d

Analysis Method: 8081A | Date Collected: 05/25/2011 10:29

Extraction Method: 3541 | Date Extracted: 06/07/2011 06:19

Sample wt/vol: 15.03(g) | Date Analyzed: 06/08/2011 10:45

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: CLP-1 ID: 0.53(mm)

% Moisture: 1.9 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 76035 | Units: ug/Kg

| CAS NO. | COMPOUND NAME | RESULT | Q | RL | MDL |
|---|---|---|---|---|---|
| 319-84-6 | alpha-BHC | 6.8 | U | 6.8 | 1.3 |
| 319-85-7 | beta-BHC | 6.8 | U | 6.8 | 0.93 |
| 319-86-8 | delta-BHC | 6.8 | U | 6.8 | 1.0 |
| 58-89-9 | gamma-BHC (Lindane) | 6.8 | U | 6.8 | 0.79 |
| 76-44-8 | Heptachlor | 6.8 | U | 6.8 | 0.98 |
| 309-00-2 | Aldrin | 6.8 | U | 6.8 | 1.5 |
| 1024-57-3 | Heptachlor epoxide | 28 | | 6.8 | 1.4 |
| 60-57-1 | Dieldrin | 6.8 | U | 6.8 | 1.3 |
| 72-55-9 | 4,4'-DDE | 11 | | 6.8 | 1.3 |
| 72-20-8 | Endrin | 6.8 | U | 6.8 | 0.96 |
| 33213-65-9 | Endosulfan II | 6.8 | U | 6.8 | 1.0 |
| 72-54-8 | 4,4'-DDD | 6.8 | U | 6.8 | 0.81 |
| 1031-07-8 | Endosulfan sulfate | 6.8 | U | 6.8 | 0.88 |
| 50-29-3 | 4,4'-DDT | 6.8 | U | 6.8 | 0.85 |
| 72-43-5 | Methoxychlor | 6.8 | U | 6.8 | 0.76 |
| 53494-70-5 | Endrin ketone | 6.8 | U | 6.8 | 1.0 |
| 7421-93-4 | Endrin aldehyde | 6.8 | U | 6.8 | 1.7 |
| 5103-74-2 | gamma-Chlordane | 18 | | 6.8 | 1.4 |
| 8001-35-2 | Toxaphene | 68 | U | 68 | 14 |

| CAS NO. | SURROGATE | %REC | Q | LIMITS |
|---|---|---|---|---|
| 2051-24-3 | DCB Decachlorobiphenyl | 103 | | 53-150 |
| 877-09-8 | Tetrachloro-m-xylene | 81 | | 40-150 |

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC1.i/8081T/rear/Jun11/06-08-11/08jun11a.b/xr121246.d
Lab Smp Id: 460-27128-A-1-C Client Smp ID: PP-SB05 S
Inj Date : 08-JUN-2011 10:45
Operator : 462 Inst ID: PESTGC1.i
Smp Info : 460-27128-A-1-C
Misc Info : 460-27128-A-1-C
Comment :
Method : /chem1/PESTGC1.i/8081T/rear/Jun11/06-08-11/08jun11a.b/09Xr8081.m
Meth Date : 08-Jun-2011 11:36 Ex. 4 CBI Quant Type: ESTD
Cal Date : 02-JUN-2011 15:42 Cal File: xr120980.d
Als bottle: 1
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: Allpest.sub
Target Version: 3.50 Sample Matrix: SOIL
Processing Host: hpd3

Concentration Formula: Amt * DF * Vt/(Ws*(100-M)/100) * CpndVariable

| Name | Value | Description |
|---|---|---|
| DF | 1.00000 | Dilution Factor |
| Vt | 10.00000 | Volume of final extract (uL)(1000 low, 2 |
| Ws | 15.03000 | Weight of sample extracted (g) |
| M | 1.93165 | % Moisture |

Cpnd Variable Local Compound Variable

| RT | EXP RT | DLT RT | RESPONSE | CONCENTRATIONS ON-COL ( ug/L) | FINAL (ug/kg) | TARGET RANGE | RATIO |
|---|---|---|---|---|---|---|---|
| $ 28 Tetrachloro-m-xylene | | | | | CAS #: 877-09-8 | | |
| 1.947 | 1.943 | 0.004 | 191327 | 40.6427 | 28 | 80.00- 120.00 | 100.00 |
| 18 Heptachlor epoxide | | | | | CAS #: 1024-57-3 | | |
| 4.060 | 4.060 | 0.000 | 217025 | 41.0586 | 28 | 80.00- 120.00 | 100.00(M) |
| 65 gamma-Chlordane | | | | | CAS #: 5103-74-2 | | |
| 4.357 | 4.360 | -0.003 | 139490 | 26.5068 | 18 | 80.00- 120.00 | 100.00 |
| 66 alpha-Chlordane | | | | | CAS #: 5103-71-9 | | |
| 4.687 | 4.683 | 0.004 | 418062 | 84.8393 | 58 | 80.00- 120.00 | 100.00 |
| 8 4,4'-DDE | | | | | CAS #: 72-55-9 | | |
| 4.830 | 4.900 | -0.070 | 69229 | 16.3912 | 11 | 80.00- 120.00 | 100.00 |

| RT | EXP RT | DLT RT | RESPONSE | CONCENTRATIONS ON-COL ( ug/L) | CONCENTRATIONS FINAL (ug/kg) | TARGET RANGE | RATIO |
|---|---|---|---|---|---|---|---|
| 11 Endosulfan I | | | | | CAS #: 959-98-8 | | |
| 5.013 | 5.003 | 0.010 | 146077 | 28.8506 | 20 | 80.00- 120.00 | 100.00 |
| $ 30 Decachlorobiphenyl | | | | | CAS #: 2051-24-3 | | |
| 9.403 | 9.403 | 0.000 | 137816 | 51.3416 | 35 | 80.00- 120.00 | 100.00 |

QC Flag Legend

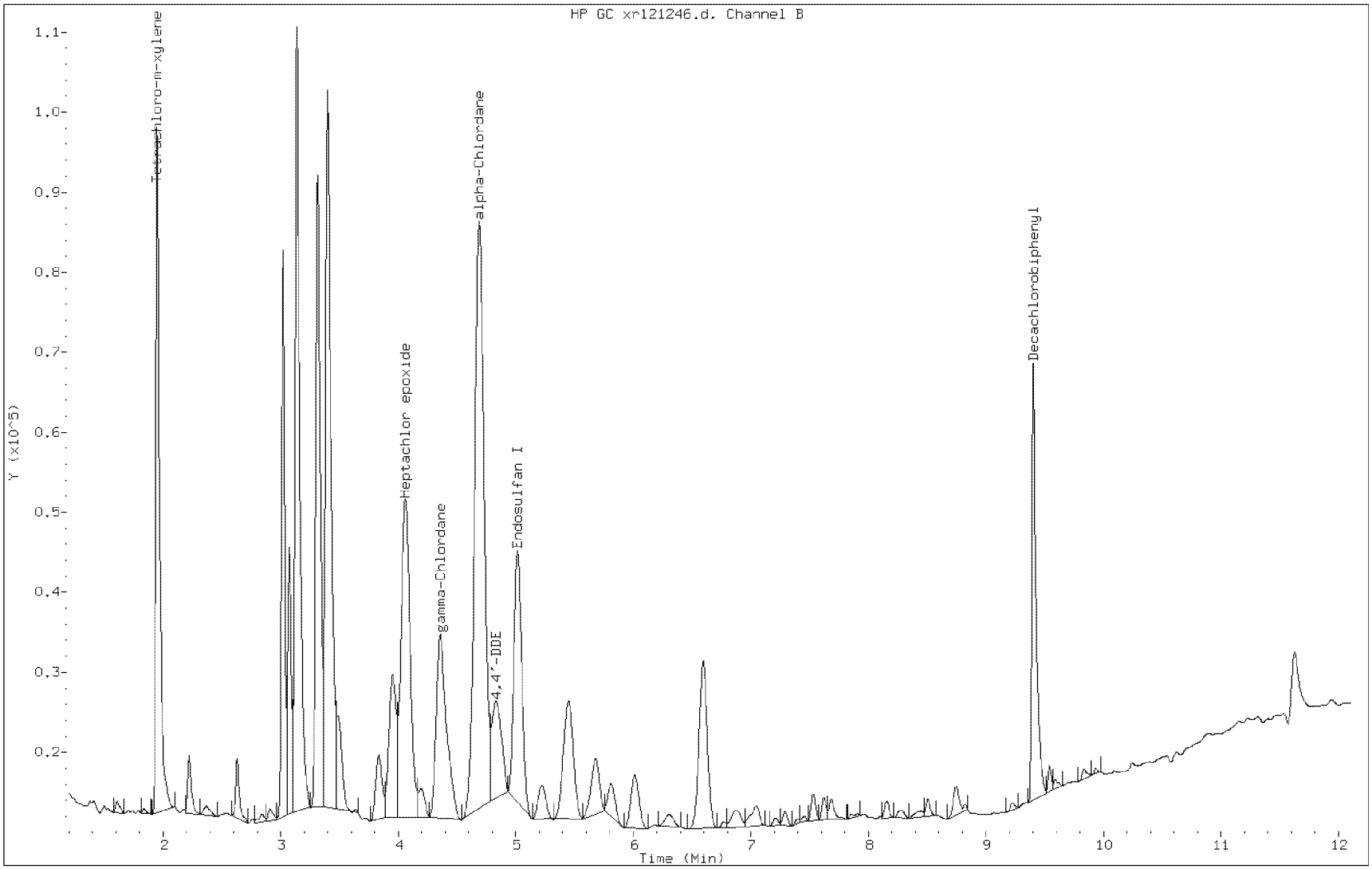
M - Compound response manually integrated.

Data File: xr121246.d

Date: 08-JUN-2011 10:45

Client ID: PP-SB05 S | Instrument: PESTGC1.i

Sample Info: 460-27128-A-1-C | Operator: 462



Manual Integration Report

Data File: xr121246.d
Inj. Date and Time: 08-JUN-2011 10:45
Instrument ID: PESTGC1.i
Client ID: PP-SB05 S
Compound: 18 Heptachlor epoxide
CAS #: 1024-57-3
Report Date: 06/08/2011

Processing Integration Results

Not Detected

Expected RT: 4.06

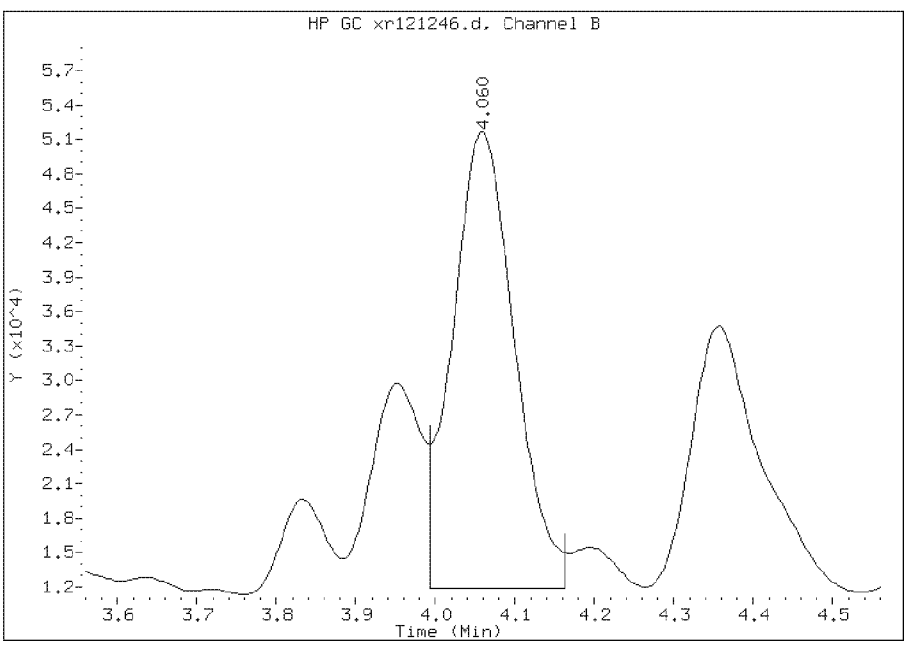
Manual Integration Results

RT: 4.06

Response: 217025

Amount: 41.06

Conc: 27.86




Manually Integrated By: Ex. 4 CBI
Manual Integration Reason:

FORM I

GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-27128-1

SDG No.:

Client Sample ID: PP-MW06 D | Lab Sample ID: 460-27128-2

Matrix: Solid | Lab File ID: xf121247.d

Analysis Method: 8081A | Date Collected: 05/25/2011 12:31

Extraction Method: 3541 | Date Extracted: 06/07/2011 06:19

Sample wt/vol: 15.05(g) | Date Analyzed: 06/08/2011 10:58

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: CLP-2 ID: 0.53(mm)

% Moisture: 6.9 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 76035 | Units: ug/Kg

| CAS NO. | SURROGATE | %REC | Q | LIMITS |
|---|---|---|---|---|
| 2051-24-3 | DCB Decachlorobiphenyl | 117 | | 53-150 |
| 877-09-8 | Tetrachloro-m-xylene | 105 | | 40-150 |

Data File: xf121247.d
Report Date: 08-Jun-2011 11:42

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC1.i/8081T/front/Jun11/06-08-11/08jun11a.b/xf121247.d
Lab Smp Id: 460-27128-A-2-C  Client Smp ID: PP-MW06 D
Inj Date : 08-JUN-2011 10:58
Operator : 462  Inst ID: PESTGC1.i
Smp Info : 460-27128-A-2-C
Misc Info : 460-27128-A-2-C
Comment :
Method : /chem1/PESTGC1.i/8081T/front/Jun11/06-08-11/08jun11a.b/09Xf8081.m
Meth Date : 08-Jun-2011 11:36 Ex. 4 CBI  Quant Type: ESTD
Cal Date : 02-JUN-2011 15:42  Cal File: xf120980.d
Als bottle: 1
Dil Factor: 1.00000
Integrator: Falcon  Compound Sublist: Allpest.sub
Target Version: 3.50  Sample Matrix: SOIL
Processing Host: hpd3

Concentration Formula: Amt * DF * Vt/(Ws*(100-M)/100) * CpndVariable

| Name | Value | Description |
|---|---|---|
| DF | 1.00000 | Dilution Factor |
| Vt | 10.00000 | Volume of final extract (uL)(1000 low, 2 |
| Ws | 15.05000 | Weight of sample extracted (g) |
| M | 6.86106 | % Moisture |

Cpnd Variable  Local Compound Variable

| RT | EXP RT | DLT RT | RESPONSE | CONCENTRATIONS ON-COL ( ug/L) | FINAL (ug/kg) | TARGET RANGE | RATIO |
|---|---|---|---|---|---|---|---|
| $ 28 Tetrachloro-m-xylene | | | | | CAS #: 877-09-8 | | |
| 2.353 | 2.350 | 0.003 | 156344 | 52.5539 | | 80.00- 120.00 | 100.00(aR) |
| $ 30 Decachlorobiphenyl | | | | | CAS #: 2051-24-3 | | |
| 10.400 | 10.400 | 0.000 | 120118 | 58.5389 | | 80.00- 120.00 | 100.00(aR) |

QC Flag Legend

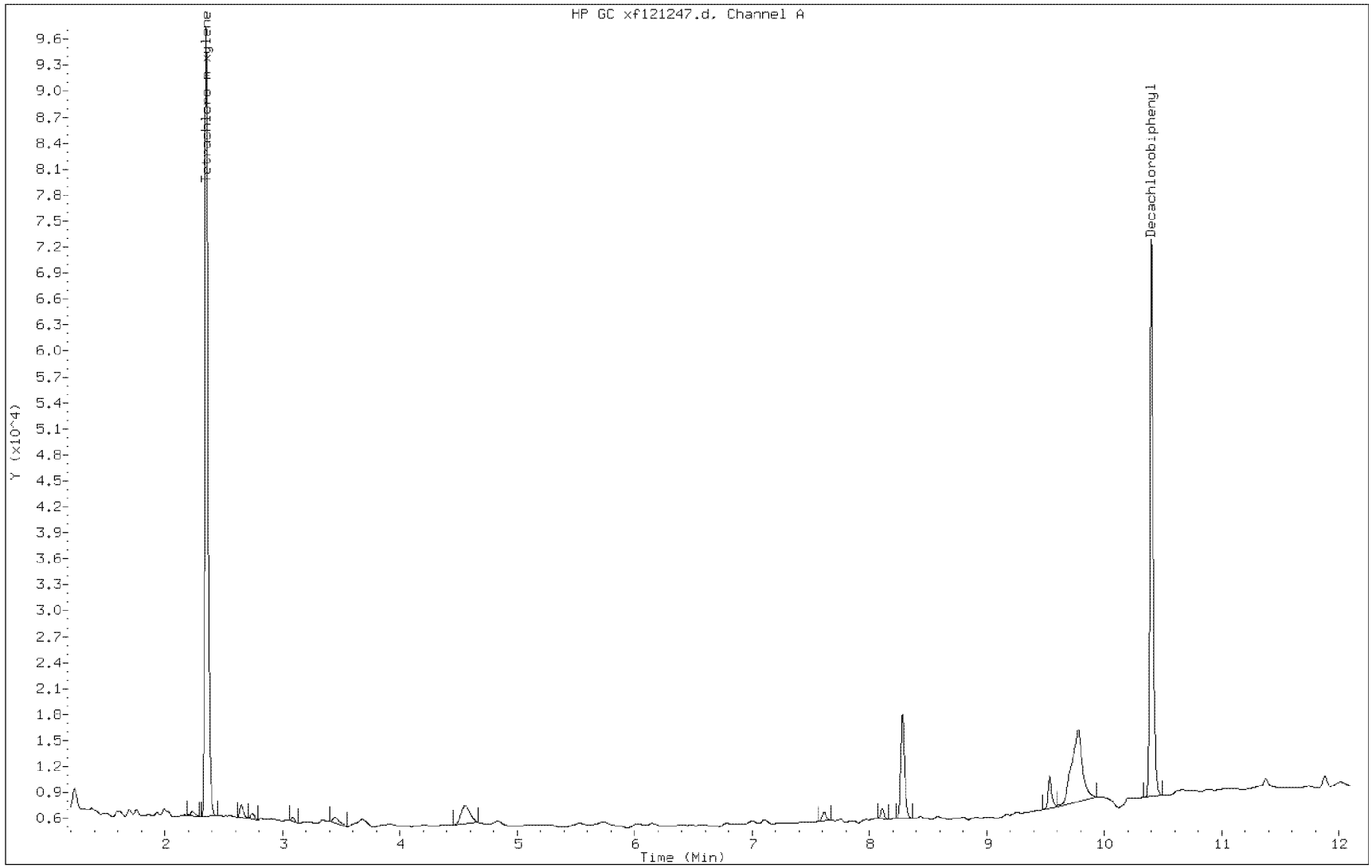
a - Target compound detected but, quantitated amount
    Below Limit Of Quantitation(BLOQ).
R - Spike/Surrogate failed recovery limits.

Data File: xf121247.d

Date: 08-JUN-2011 10:58

Client ID: PP-MW06 D  Instrument: PESTGC1.i

Sample Info: 460-27128-A-2-C  Operator: 462



FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-27128-1

SDG No.:

Client Sample ID: PP-MW06 D | Lab Sample ID: 460-27128-2

Matrix: Solid | Lab File ID: xr121247.d

Analysis Method: 8081A | Date Collected: 05/25/2011 12:31

Extraction Method: 3541 | Date Extracted: 06/07/2011 06:19

Sample wt/vol: 15.05(g) | Date Analyzed: 06/08/2011 10:58

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: CLP-1 ID: 0.53(mm)

% Moisture: 6.9 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 76035 | Units: ug/Kg

| CAS NO. | COMPOUND NAME | RESULT | Q | RL | MDL |
|---|---|---|---|---|---|
| 319-84-6 | alpha-BHC | 7.2 | U | 7.2 | 1.3 |
| 319-85-7 | beta-BHC | 7.2 | U | 7.2 | 0.97 |
| 319-86-8 | delta-BHC | 7.2 | U | 7.2 | 1.1 |
| 58-89-9 | gamma-BHC (Lindane) | 7.2 | U | 7.2 | 0.83 |
| 76-44-8 | Heptachlor | 7.2 | U | 7.2 | 1.0 |
| 309-00-2 | Aldrin | 7.2 | U | 7.2 | 1.6 |
| 1024-57-3 | Heptachlor epoxide | 7.2 | U | 7.2 | 1.4 |
| 959-98-8 | Endosulfan I | 7.2 | U | 7.2 | 1.5 |
| 60-57-1 | Dieldrin | 7.2 | U | 7.2 | 1.4 |
| 72-55-9 | 4,4'-DDE | 7.2 | U | 7.2 | 1.4 |
| 72-20-8 | Endrin | 7.2 | U | 7.2 | 1.0 |
| 33213-65-9 | Endosulfan II | 7.2 | U | 7.2 | 1.1 |
| 72-54-8 | 4,4'-DDD | 7.2 | U | 7.2 | 0.86 |
| 1031-07-8 | Endosulfan sulfate | 7.2 | U | 7.2 | 0.92 |
| 50-29-3 | 4,4'-DDT | 7.2 | U | 7.2 | 0.90 |
| 72-43-5 | Methoxychlor | 7.2 | U | 7.2 | 0.80 |
| 53494-70-5 | Endrin ketone | 7.2 | U | 7.2 | 1.1 |
| 7421-93-4 | Endrin aldehyde | 7.2 | U | 7.2 | 1.8 |
| 5103-71-9 | alpha-Chlordane | 7.2 | U | 7.2 | 1.5 |
| 5103-74-2 | gamma-Chlordane | 7.2 | U | 7.2 | 1.5 |
| 8001-35-2 | Toxaphene | 72 | U | 72 | 15 |

| CAS NO. | SURROGATE | %REC | Q | LIMITS |
|---|---|---|---|---|
| 2051-24-3 | DCB Decachlorobiphenyl | 126 | | 53-150 |
| 877-09-8 | Tetrachloro-m-xylene | 100 | | 40-150 |

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC1.i/8081T/rear/Jun11/06-08-11/08jun11a.b/xr121247.d
Lab Smp Id: 460-27128-A-2-C Client Smp ID: PP-MW06 D
Inj Date : 08-JUN-2011 10:58
Operator : 462 Inst ID: PESTGC1.i
Smp Info : 460-27128-A-2-C
Misc Info : 460-27128-A-2-C
Comment :
Method : /chem1/PESTGC1.i/8081T/rear/Jun11/06-08-11/08jun11a.b/09Xr8081.m
Meth Date : 08-Jun-2011 11:36 Ex. 4 CBI Quant Type: ESTD
Cal Date : 02-JUN-2011 15:42 Cal File: xr120980.d
Als bottle: 1
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: Allpest.sub
Target Version: 3.50 Sample Matrix: SOIL
Processing Host: hpd3

Concentration Formula: Amt * DF * Vt/(Ws*(100-M)/100) * CpndVariable

| Name | Value | Description |
|---|---|---|
| DF | 1.00000 | Dilution Factor |
| Vt | 10.00000 | Volume of final extract (uL)(1000 low, 2 |
| Ws | 15.05000 | Weight of sample extracted (g) |
| M | 6.86106 | % Moisture |

Cpnd Variable Local Compound Variable

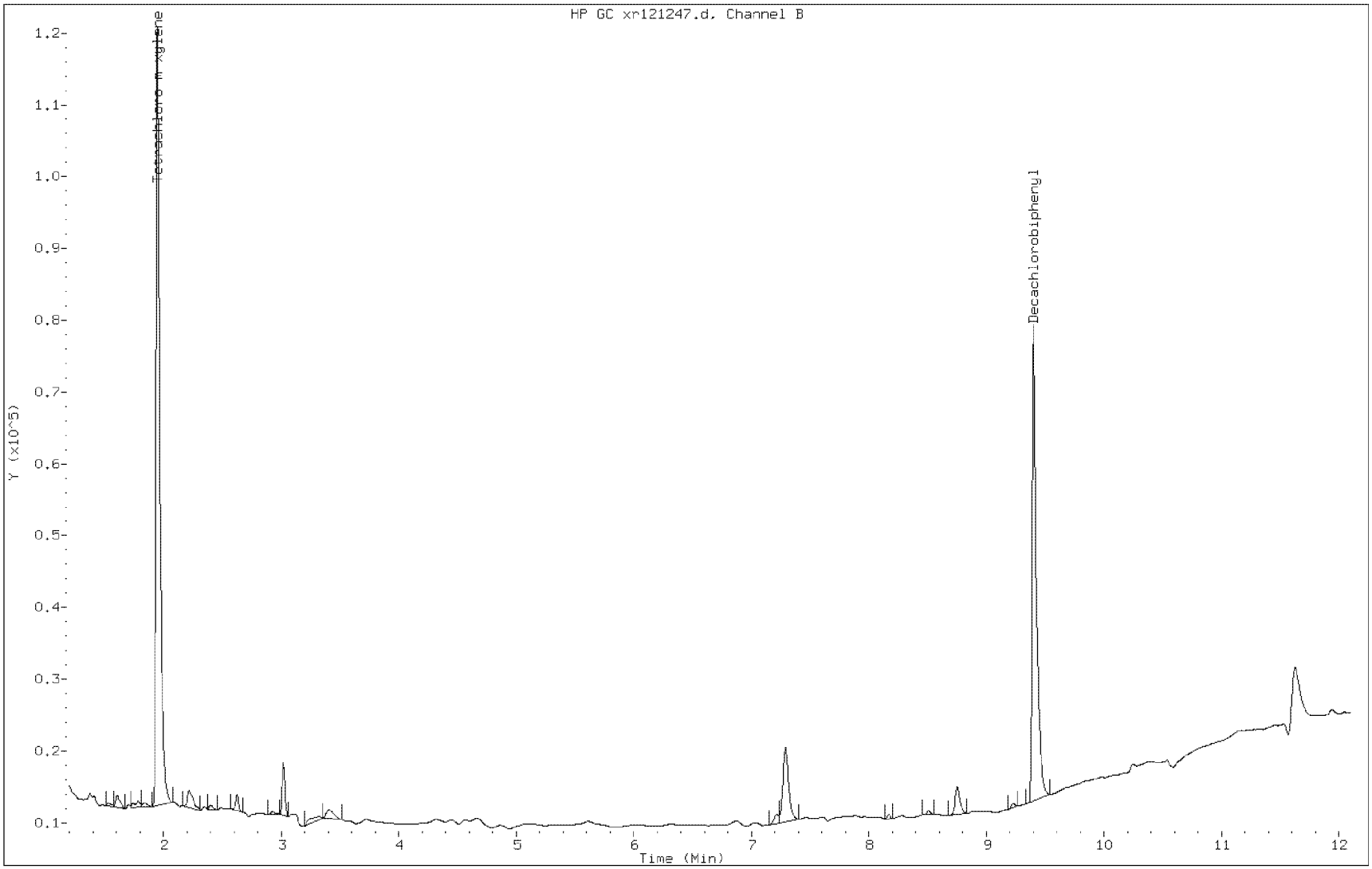
| RT | EXP RT | DLT RT | RESPONSE | CONCENTRATIONS ON-COL ( ug/L) | FINAL (ug/kg) | TARGET RANGE | RATIO |
|---|---|---|---|---|---|---|---|
| $ 28 Tetrachloro-m-xylene | | | | | CAS #: 877-09-8 | | |
| 1.950 | 1.943 | 0.007 | 234714 | 49.8592 | 36 | 80.00- 120.00 | 100.00 |
| $ 30 Decachlorobiphenyl | | | | | CAS #: 2051-24-3 | | |
| 9.403 | 9.403 | 0.000 | 168770 | 62.8730 | 45 | 80.00- 120.00 | 100.00 |

Data File: xr121247.d

Date: 08-JUN-2011 10:58

Client ID: PP-MW06 D  Instrument: PESTGC1.i

Sample Info: 460-27128-A-2-C  Operator: 462



FORM VI
GC SEMI VOA INITIAL CALIBRATION DATA
EXTERNAL STANDARD RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-27128-1 Analy Batch No.: 75718

SDG No.:

Instrument ID: PESTGC1 GC Column: CLP-2 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 06/02/2011 14:19 Calibration End Date: 06/02/2011 15:14 Calibration ID: 11115

Calibration Files:

| LEVEL: | LAB SAMPLE ID: | LAB FILE ID: |
|---|---|---|
| Level 1 | IC 460-75718/6 | xf120975.d |
| Level 2 | IC 460-75718/7 | xf120976.d |
| Level 3 | IC 460-75718/5 | xf120974.d |
| Level 4 | IC 460-75718/8 | xf120977.d |
| Level 5 | IC 460-75718/9 | xf120978.d |

| ANALYTE | LVL 1 | LVL 2 | LVL 3 | LVL 4 | LVL 5 | | | | | | RT WINDOW | AVG RT |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| alpha-BHC | 2.857 | 2.853 | 2.853 | 2.853 | 2.853 | | | | | | 2.807 - 2.907 | 2.854 |
| gamma-BHC (Lindane) | 3.213 | 3.213 | 3.210 | 3.213 | 3.213 | | | | | | 3.163 - 3.263 | 3.213 |
| beta-BHC | 3.307 | 3.303 | 3.303 | 3.303 | 3.303 | | | | | | 3.257 - 3.357 | 3.304 |
| delta-BHC | 3.743 | 3.740 | 3.737 | 3.740 | 3.740 | | | | | | 3.693 - 3.793 | 3.740 |
| Heptachlor | 3.897 | 3.893 | 3.893 | 3.897 | 3.893 | | | | | | 3.850 - 3.950 | 3.895 |
| Aldrin | 4.740 | 4.740 | 4.737 | 4.740 | 4.737 | | | | | | 4.693 - 4.793 | 4.739 |
| Heptachlor epoxide | 6.303 | 6.300 | 6.297 | 6.300 | 6.300 | | | | | | 6.233 - 6.373 | 6.300 |
| gamma-Chlordane | 6.780 | 6.780 | 6.777 | 6.780 | 6.780 | | | | | | 6.713 - 6.853 | 6.779 |
| alpha-Chlordane | 7.110 | 7.110 | 7.107 | 7.110 | 7.110 | | | | | | 7.043 - 7.183 | 7.109 |
| Endosulfan I | 7.223 | 7.223 | 7.220 | 7.223 | 7.223 | | | | | | 7.157 - 7.297 | 7.223 |
| 4,4'-DDE | 7.373 | 7.370 | 7.370 | 7.370 | 7.370 | | | | | | 7.303 - 7.443 | 7.371 |
| Dieldrin | 7.617 | 7.613 | 7.613 | 7.613 | 7.613 | | | | | | 7.547 - 7.687 | 7.614 |
| Endrin | 7.973 | 7.970 | 7.970 | 7.970 | 7.970 | | | | | | 7.903 - 8.043 | 7.971 |
| 4,4'-DDD | 8.073 | 8.070 | 8.070 | 8.070 | 8.070 | | | | | | 8.003 - 8.143 | 8.071 |
| Endosulfan II | 8.213 | 8.210 | 8.210 | 8.210 | 8.210 | | | | | | 8.143 - 8.283 | 8.211 |
| 4,4'-DDT | 8.437 | 8.437 | 8.437 | 8.437 | 8.437 | | | | | | 8.367 - 8.507 | 8.437 |
| Endrin aldehyde | 8.603 | 8.600 | 8.600 | 8.600 | 8.600 | | | | | | 8.533 - 8.673 | 8.601 |
| Endosulfan sulfate | 8.930 | 8.930 | 8.927 | 8.930 | 8.927 | | | | | | 8.860 - 9.000 | 8.929 |
| Methoxychlor | 9.227 | 9.223 | 9.223 | 9.223 | 9.223 | | | | | | 9.157 - 9.297 | 9.224 |
| Endrin ketone | 9.493 | 9.493 | 9.490 | 9.490 | 9.490 | | | | | | 9.423 - 9.563 | 9.491 |
| Tetrachloro-m-xylene | 2.353 | 2.353 | 2.350 | 2.353 | 2.350 | | | | | | 2.303 - 2.403 | 2.352 |
| DCB Decachlorobiphenyl | 10.407 | 10.403 | 10.403 | 10.403 | 10.403 | | | | | | 10.303 - 10.503 | 10.404 |

FORM VI
GC SEMI VOA INITIAL CALIBRATION DATA
EXTERNAL STANDARD CURVE EVALUTION

Lab Name: TestAmerica Edison Job No.: 460-27128-1 Analy Batch No.: 75718

SDG No.:

Instrument ID: PESTGC1 GC Column: CLP-2 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 06/02/2011 14:19 Calibration End Date: 06/02/2011 15:14 Calibration ID: 11115

Calibration Files:

| LEVEL: | LAB SAMPLE ID: | LAB FILE ID: |
|---|---|---|
| Level 1 | IC 460-75718/6 | xf120975.d |
| Level 2 | IC 460-75718/7 | xf120976.d |
| Level 3 | IC 460-75718/5 | xf120974.d |
| Level 4 | IC 460-75718/8 | xf120977.d |
| Level 5 | IC 460-75718/9 | xf120978.d |

| ANALYTE | CF | | | | CURVE TYPE | COEFFICIENT | | | # | MIN CF | %RSD | # | MAX %RSD | R^2 OR COD | # | MIN R^2 OR COD |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | LVL 1<br>LVL 5 | LVL 2 | LVL 3 | LVL 4 | | B | M1 | M2 | | | | | | | | |
| alpha-BHC | 4249.0<br>3951.6 | 4239.2 | 4339.3 | 4085.7 | Ave | | 4172.95200 | | | | 3.7 | | 20.0 | | | |
| gamma-BHC (Lindane) | 3976.8<br>3625.0 | 3917.3 | 4023.6 | 3776.1 | Ave | | 3863.76160 | | | | 4.2 | | 20.0 | | | |
| beta-BHC | 2153.3<br>1655.4 | 1915.5 | 1882.7 | 1738.9 | Ave | | 1869.17240 | | | | 10.2 | | 20.0 | | | |
| delta-BHC | 3684.0<br>4067.5 | 4219.3 | 4381.2 | 4220.5 | Ave | | 4114.48840 | | | | 6.4 | | 20.0 | | | |
| Heptachlor | 4068.8<br>4033.9 | 4203.8 | 4461.6 | 4201.0 | Ave | | 4193.83080 | | | | 4.0 | | 20.0 | | | |
| Aldrin | 3650.4<br>4143.8 | 4164.1 | 4461.8 | 4293.6 | Ave | | 4142.72240 | | | | 7.3 | | 20.0 | | | |
| Heptachlor epoxide | 4018.4<br>3741.2 | 4009.6 | 4179.5 | 3925.4 | Ave | | 3974.83160 | | | | 4.0 | | 20.0 | | | |
| gamma-Chlordane | 4809.0<br>3831.4 | 4024.2 | 4201.6 | 3978.8 | Ave | | 4168.99280 | | | | 9.1 | | 20.0 | | | |
| alpha-Chlordane | 3871.5<br>3412.3 | 3660.7 | 3778.2 | 3538.4 | Ave | | 3652.24040 | | | | 5.0 | | 20.0 | | | |
| Endosulfan I | 3602.7<br>3119.4 | 3341.0 | 3448.0 | 3266.7 | Ave | | 3355.54760 | | | | 5.4 | | 20.0 | | | |
| 4,4'-DDE | 2991.1<br>3122.6 | 3175.9 | 3355.7 | 3227.5 | Ave | | 3174.56160 | | | | 4.2 | | 20.0 | | | |
| Dieldrin | 3262.9<br>3144.5 | 3318.9 | 3453.7 | 3276.4 | Ave | | 3291.27640 | | | | 3.4 | | 20.0 | | | |
| Endrin | 2799.7<br>2633.1 | 2764.4 | 2916.2 | 2745.2 | Ave | | 2771.71320 | | | | 3.7 | | 20.0 | | | |
| 4,4'-DDD | 2570.9<br>2528.3 | 2595.8 | 2694.5 | 2607.6 | Ave | | 2599.42840 | | | | 2.4 | | 20.0 | | | |
| Endosulfan II | 2964.6<br>2644.3 | 2832.4 | 2909.0 | 2759.8 | Ave | | 2822.02720 | | | | 4.5 | | 20.0 | | | |

Note: The m1 coefficient is the same as Ave CF for an Ave curve type.

FORM VI
GC SEMI VOA INITIAL CALIBRATION DATA
EXTERNAL STANDARD CURVE EVALUTION

Lab Name: TestAmerica Edison Job No.: 460-27128-1 Analy Batch No.: 75718

SDG No.:

Instrument ID: PESTGC1 GC Column: CLP-2 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 06/02/2011 14:19 Calibration End Date: 06/02/2011 15:14 Calibration ID: 11115

| ANALYTE | CF | | | | CURVE TYPE | COEFFICIENT | | | # | MIN CF | %RSD | # | MAX %RSD | R^2 OR COD | # | MIN R^2 OR COD |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | LVL 1<br>LVL 5 | LVL 2 | LVL 3 | LVL 4 | | B | M1 | M2 | | | | | | | | |
| 4,4'-DDT | 2394.2<br>2434.9 | 2399.2 | 2641.7 | 2485.5 | Ave | | 2471.11360 | | | | 4.1 | | 20.0 | | | |
| Endrin aldehyde | 2574.0<br>2117.6 | 2320.4 | 2340.6 | 2199.7 | Ave | | 2310.45800 | | | | 7.5 | | 20.0 | | | |
| Endosulfan sulfate | 2709.7<br>2393.9 | 2566.5 | 2605.7 | 2480.5 | Ave | | 2551.26080 | | | | 4.7 | | 20.0 | | | |
| Methoxychlor | 1500.4<br>1228.8 | 1339.1 | 1391.6 | 1270.2 | Ave | | 1346.00400 | | | | 7.9 | | 20.0 | | | |
| Endrin ketone | 3376.0<br>2541.1 | 2737.0 | 2728.7 | 2629.0 | Ave | | 2802.35800 | | | | 11.8 | | 20.0 | | | |
| Tetrachloro-m-xylene | 3141.8<br>2755.3 | 3271.7 | 2906.5 | 2799.3 | Ave | | 2974.92533 | | | | 7.5 | | 20.0 | | | |
| DCB Decachlorobiphenyl | 2181.5<br>1903.2 | 2254.9 | 1992.2 | 1927.9 | Ave | | 2051.95133 | | | | 7.7 | | 20.0 | | | |

Note: The m1 coefficient is the same as Ave CF for an Ave curve type.

FORM VI
GC SEMI VOA INITIAL CALIBRATION DATA
EXTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Edison Job No.: 460-27128-1 Analy Batch No.: 75718

SDG No.:

Instrument ID: PESTGC1 GC Column: CLP-2 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 06/02/2011 14:19 Calibration End Date: 06/02/2011 15:14 Calibration ID: 11115

Calibration Files:

| LEVEL: | LAB SAMPLE ID: | LAB FILE ID: |
|---|---|---|
| Level 1 | IC 460-75718/6 | xf120975.d |
| Level 2 | IC 460-75718/7 | xf120976.d |
| Level 3 | IC 460-75718/5 | xf120974.d |
| Level 4 | IC 460-75718/8 | xf120977.d |
| Level 5 | IC 460-75718/9 | xf120978.d |

| ANALYTE | CURVE TYPE | RESPONSE | | | | | CONCENTRATION (UG/L) | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | LVL 1 | LVL 2 | LVL 3 | LVL 4 | LVL 5 | LVL 1 | LVL 2 | LVL 3 | LVL 4 | LVL 5 |
| alpha-BHC | Ave | 42490 | 211960 | 433927 | 1021432 | 1975781 | 10.0 | 50.0 | 100 | 250 | 500 |
| gamma-BHC (Lindane) | Ave | 39768 | 195863 | 402357 | 944034 | 1812521 | 10.0 | 50.0 | 100 | 250 | 500 |
| beta-BHC | Ave | 21533 | 95777 | 188267 | 434735 | 827706 | 10.0 | 50.0 | 100 | 250 | 500 |
| delta-BHC | Ave | 36840 | 210965 | 438122 | 1055116 | 2033729 | 10.0 | 50.0 | 100 | 250 | 500 |
| Heptachlor | Ave | 40688 | 210192 | 446164 | 1050240 | 2016957 | 10.0 | 50.0 | 100 | 250 | 500 |
| Aldrin | Ave | 36504 | 208203 | 446182 | 1073389 | 2071888 | 10.0 | 50.0 | 100 | 250 | 500 |
| Heptachlor epoxide | Ave | 40184 | 200481 | 417949 | 981351 | 1870622 | 10.0 | 50.0 | 100 | 250 | 500 |
| gamma-Chlordane | Ave | 48090 | 201210 | 420162 | 994693 | 1915686 | 10.0 | 50.0 | 100 | 250 | 500 |
| alpha-Chlordane | Ave | 38715 | 183036 | 377824 | 884602 | 1706167 | 10.0 | 50.0 | 100 | 250 | 500 |
| Endosulfan I | Ave | 36027 | 167050 | 344799 | 816663 | 1559698 | 10.0 | 50.0 | 100 | 250 | 500 |
| 4,4'-DDE | Ave | 29911 | 158795 | 335569 | 806869 | 1561321 | 10.0 | 50.0 | 100 | 250 | 500 |
| Dieldrin | Ave | 32629 | 165945 | 345372 | 819096 | 1572239 | 10.0 | 50.0 | 100 | 250 | 500 |
| Endrin | Ave | 27997 | 138220 | 291615 | 686307 | 1316544 | 10.0 | 50.0 | 100 | 250 | 500 |
| 4,4'-DDD | Ave | 25709 | 129789 | 269454 | 651900 | 1264161 | 10.0 | 50.0 | 100 | 250 | 500 |
| Endosulfan II | Ave | 29646 | 141622 | 290902 | 689942 | 1322154 | 10.0 | 50.0 | 100 | 250 | 500 |
| 4,4'-DDT | Ave | 23942 | 119960 | 264168 | 621386 | 1217472 | 10.0 | 50.0 | 100 | 250 | 500 |
| Endrin aldehyde | Ave | 25740 | 116019 | 234056 | 549932 | 1058811 | 10.0 | 50.0 | 100 | 250 | 500 |
| Endosulfan sulfate | Ave | 27097 | 128327 | 260565 | 620135 | 1196937 | 10.0 | 50.0 | 100 | 250 | 500 |
| Methoxychlor | Ave | 15004 | 66953 | 139156 | 317549 | 614402 | 10.0 | 50.0 | 100 | 250 | 500 |
| Endrin ketone | Ave | 33760 | 136852 | 272866 | 657253 | 1270539 | 10.0 | 50.0 | 100 | 250 | 500 |
| Tetrachloro-m-xylene | Ave | 78544 | 163587 | 290652 | 419896 | 551060 | 25.0 | 50.0 | 100 | 150 | 200 |
| DCB Decachlorobiphenyl | Ave | 54538 | 112747 | 199221 | 289183 | 380640 | 25.0 | 50.0 | 100 | 150 | 200 |

Curve Type Legend:
Ave = Average

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC1.i/8081T/front/Jun11/06-02-11bical/02jun11b.b/xf120974.d
Lab Smp Id: SGPESTL3_00009
Inj Date : 02-JUN-2011 14:19
Operator : 462 Inst ID: PESTGC1.i
Smp Info : SGPESTL3_00009
Misc Info :
Comment :
Method : /chem1/PESTGC1.i/8081T/front/Jun11/06-02-11bical/02jun11b.b/09Xf8081.m
Meth Date : 06-Jun-2011 06:06 Ex. 4 CBI Quant Type: ESTD
Cal Date : 02-JUN-2011 14:33 Cal File: xf120975.d
Als bottle: 1 Calibration Sample, Level: 3
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: SCpestRANGE.sub
Target Version: 3.50 Sample Matrix: SOIL
Processing Host: hpd3

Concentration Formula: Amt * DF * Vt/(Ws*(100-M)/100) * CpndVariable

| Name | Value | Description |
|---|---|---|
| DF | 1.00000 | Dilution Factor |
| Vt | 10.00000 | Volume of final extract (uL)(1000 low, 2 |
| Ws | 15.00000 | Weight of sample extracted (g) |
| M | 0.00000 | % Moisture |

Cpnd Variable Local Compound Variable

| RT | EXP RT | DLT RT | RESPONSE | AMOUNTS CAL-AMT ( ug/L) | AMOUNTS ON-COL ( ug/L) | TARGET RANGE | RATIO |
|---|---|---|---|---|---|---|---|
| $ 28 Tetrachloro-m-xylene(surr) | | | | | CAS #: 877-09-8 | | |
| 2.350 | 2.350 | 0.000 | 290652 | 100.000 | 98 | 80.00- 120.00 | 100.00 |
| 2 alpha-BHC | | | | | CAS #: 319-84-6 | | |
| 2.853 | 2.853 | 0.000 | 433927 | 100.000 | 100 | 80.00- 120.00 | 100.00 |
| 5 gamma-BHC (Lindane) | | | | | CAS #: 58-89-9 | | |
| 3.210 | 3.210 | 0.000 | 402357 | 100.000 | 100 | 80.00- 120.00 | 100.00 |
| 3 beta-BHC | | | | | CAS #: 319-85-7 | | |
| 3.303 | 3.303 | 0.000 | 188267 | 100.000 | 100 | 80.00- 120.00 | 100.00 |
| 4 delta-BHC | | | | | CAS #: 319-86-8 | | |
| 3.737 | 3.737 | 0.000 | 438122 | 100.000 | 110 | 80.00- 120.00 | 100.00 |

| RT | EXP RT | DLT RT | RESPONSE | AMOUNTS CAL-AMT ( ug/L) | AMOUNTS ON-COL ( ug/L) | TARGET RANGE | RATIO |
|---|---|---|---|---|---|---|---|
| 17 Heptachlor | | | | | CAS #: 76-44-8 | | |
| 3.893 | 3.893 | 0.000 | 446164 | 100.000 | 110 | 80.00- 120.00 | 100.00 |
| 1 Aldrin | | | | | CAS #: 309-00-2 | | |
| 4.737 | 4.737 | 0.000 | 446182 | 100.000 | 110 | 80.00- 120.00 | 100.00 |
| 18 Heptachlor epoxide | | | | | CAS #: 1024-57-3 | | |
| 6.297 | 6.297 | 0.000 | 417949 | 100.000 | 100 | 80.00- 120.00 | 100.00 |
| 65 gamma-Chlordane | | | | | CAS #: 5103-74-2 | | |
| 6.777 | 6.777 | 0.000 | 420162 | 100.000 | 100 | 80.00- 120.00 | 100.00 |
| 66 alpha-Chlordane | | | | | CAS #: 5103-71-9 | | |
| 7.107 | 7.107 | 0.000 | 377824 | 100.000 | 100 | 80.00- 120.00 | 100.00 |
| 11 Endosulfan I | | | | | CAS #: 959-98-8 | | |
| 7.220 | 7.220 | 0.000 | 344799 | 100.000 | 100 | 80.00- 120.00 | 100.00 |
| 8 4,4'-DDE | | | | | CAS #: 72-55-9 | | |
| 7.370 | 7.370 | 0.000 | 335569 | 100.000 | 100 | 80.00- 120.00 | 100.00 |
| 10 Dieldrin | | | | | CAS #: 60-57-1 | | |
| 7.613 | 7.613 | 0.000 | 345372 | 100.000 | 100 | 80.00- 120.00 | 100.00 |
| 14 Endrin | | | | | CAS #: 72-20-8 | | |
| 7.970 | 7.970 | 0.000 | 291615 | 100.000 | 100 | 80.00- 120.00 | 100.00 |
| 7 4,4'-DDD | | | | | CAS #: 72-54-8 | | |
| 8.070 | 8.070 | 0.000 | 269454 | 100.000 | 100 | 80.00- 120.00 | 100.00 |
| 12 Endosulfan II | | | | | CAS #: 33213-65-9 | | |
| 8.210 | 8.210 | 0.000 | 290902 | 100.000 | 100 | 80.00- 120.00 | 100.00 |
| 9 4,4'-DDT | | | | | CAS #: 50-29-3 | | |
| 8.437 | 8.437 | 0.000 | 264168 | 100.000 | 110 | 80.00- 120.00 | 100.00 |
| 15 Endrin aldehyde | | | | | CAS #: 7421-93-4 | | |
| 8.600 | 8.600 | 0.000 | 234056 | 100.000 | 100 | 80.00- 120.00 | 100.00 |
| 13 Endosulfan sulfate | | | | | CAS #: 1031-07-8 | | |
| 8.927 | 8.927 | 0.000 | 260565 | 100.000 | 100 | 80.00- 120.00 | 100.00 |
| 19 Methoxychlor | | | | | CAS #: 72-43-5 | | |
| 9.223 | 9.223 | 0.000 | 139156 | 100.000 | 100 | 80.00- 120.00 | 100.00 |
| 16 Endrin ketone | | | | | CAS #: 53494-70-5 | | |
| 9.490 | 9.490 | 0.000 | 272866 | 100.000 | 97 | 80.00- 120.00 | 100.00 |

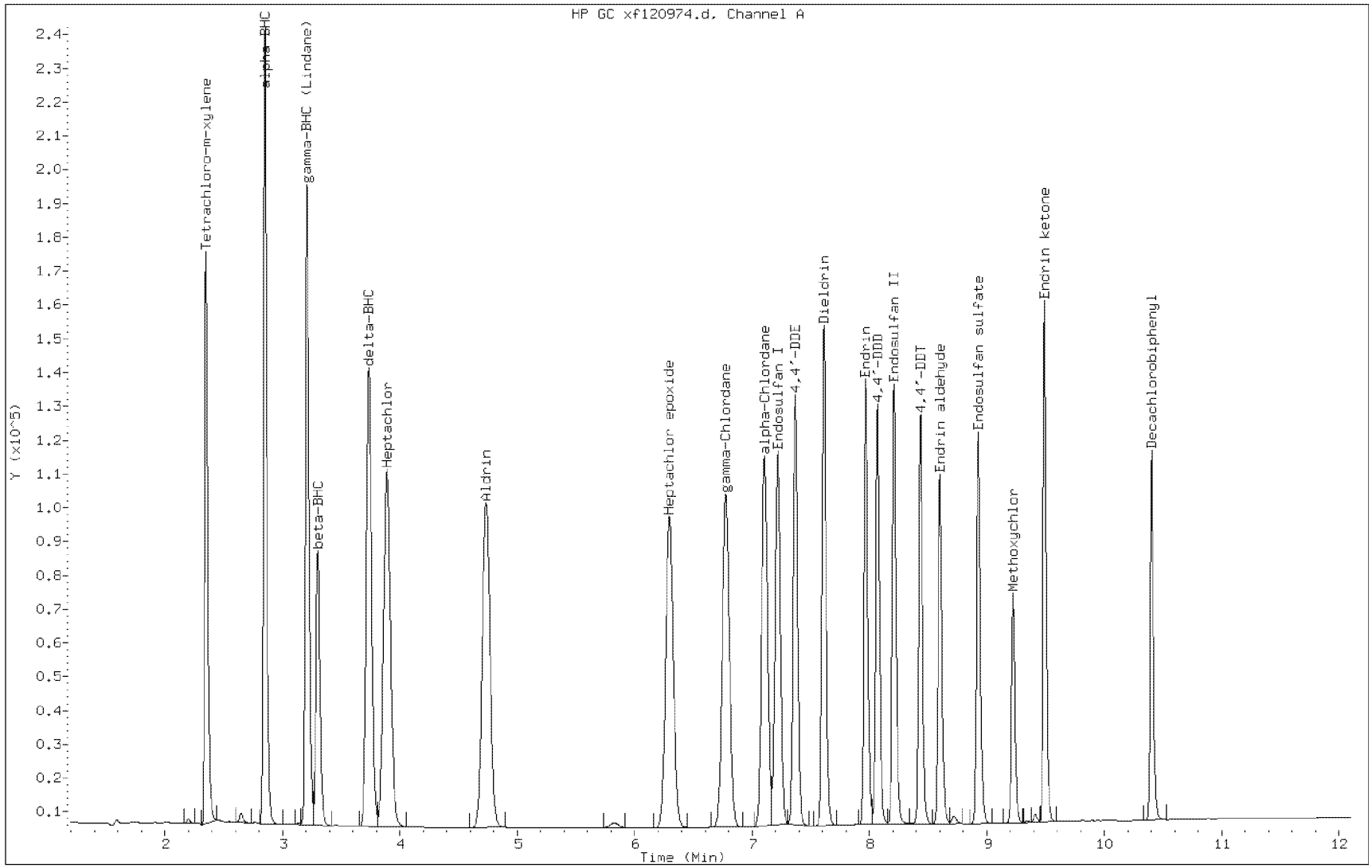
| RT | EXP RT | DLT RT | RESPONSE | AMOUNTS CAL-AMT ( ug/L) | AMOUNTS ON-COL ( ug/L) | TARGET RANGE | RATIO |
|---|---|---|---|---|---|---|---|
| $ 30 Decachlorobiphenyl(surr) | | | | | CAS #: 2051-24-3 | | |
| 10.403 | 10.403 | 0.000 | 199221 | 100.000 | 97 | 80.00- 120.00 | 100.00 |

Data File: xf120974.d

Date: 02-JUN-2011 14:19

Client ID: Instrument: PESTGC1.i

Sample Info: SGPESTL3_00009 Operator: 462



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GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC1.i/8081T/front/Jun11/06-02-11bical/02jun11b.b/xf120975.d
Lab Smp Id: SGPESTL1_00011
Inj Date : 02-JUN-2011 14:33
Operator : 462 Inst ID: PESTGC1.i
Smp Info : SGPESTL1_00011
Misc Info :
Comment :
Method : /chem1/PESTGC1.i/8081T/front/Jun11/06-02-11bical/02jun11b.b/09Xf8081.m
Meth Date : 06-Jun-2011 06:06 Ex. 4 CBI Quant Type: ESTD
Cal Date : 02-JUN-2011 14:46 Cal File: xf120976.d
Als bottle: 1 Calibration Sample, Level: 1
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: SCpestRANGE.sub
Target Version: 3.50 Sample Matrix: SOIL
Processing Host: hpd3

Concentration Formula: Amt * DF * Vt/(Ws*(100-M)/100) * CpndVariable

| Name | Value | Description |
|---|---|---|
| DF | 1.00000 | Dilution Factor |
| Vt | 10.00000 | Volume of final extract (uL)(1000 low, 2 |
| Ws | 15.00000 | Weight of sample extracted (g) |
| M | 0.00000 | % Moisture |

Cpnd Variable Local Compound Variable

| RT | EXP RT | DLT RT | RESPONSE | AMOUNTS CAL-AMT ( ug/L) | AMOUNTS ON-COL ( ug/L) | TARGET RANGE | RATIO |
|---|---|---|---|---|---|---|---|
| $ 28 Tetrachloro-m-xylene(surr) | | | | | CAS #: 877-09-8 | | |
| 2.353 | 2.350 | 0.003 | 78544 | 25.0000 | 26 | 80.00- 120.00 | 100.00 |
| 2 alpha-BHC | | | | | CAS #: 319-84-6 | | |
| 2.857 | 2.853 | 0.004 | 42490 | 10.0000 | 10 | 80.00- 120.00 | 100.00 |
| 5 gamma-BHC (Lindane) | | | | | CAS #: 58-89-9 | | |
| 3.213 | 3.210 | 0.003 | 39768 | 10.0000 | 10 | 80.00- 120.00 | 100.00 |
| 3 beta-BHC | | | | | CAS #: 319-85-7 | | |
| 3.307 | 3.303 | 0.004 | 21533 | 10.0000 | 12 | 80.00- 120.00 | 100.00 |
| 4 delta-BHC | | | | | CAS #: 319-86-8 | | |
| 3.743 | 3.737 | 0.006 | 36840 | 10.0000 | 9.0 | 80.00- 120.00 | 100.00 |

| RT | EXP RT | DLT RT | RESPONSE | AMOUNTS CAL-AMT ( ug/L) | AMOUNTS ON-COL ( ug/L) | TARGET RANGE | RATIO |
|---|---|---|---|---|---|---|---|
| 17 Heptachlor | | | | | CAS #: 76-44-8 | | |
| 3.897 | 3.893 | 0.004 | 40688 | 10.0000 | 9.7 | 80.00- 120.00 | 100.00 |
| 1 Aldrin | | | | | CAS #: 309-00-2 | | |
| 4.740 | 4.737 | 0.003 | 36504 | 10.0000 | 8.8 | 80.00- 120.00 | 100.00 |
| 18 Heptachlor epoxide | | | | | CAS #: 1024-57-3 | | |
| 6.303 | 6.297 | 0.006 | 40184 | 10.0000 | 10 | 80.00- 120.00 | 100.00 |
| 65 gamma-Chlordane | | | | | CAS #: 5103-74-2 | | |
| 6.780 | 6.777 | 0.003 | 48090 | 10.0000 | 12 | 80.00- 120.00 | 100.00 |
| 66 alpha-Chlordane | | | | | CAS #: 5103-71-9 | | |
| 7.110 | 7.107 | 0.003 | 38715 | 10.0000 | 11 | 80.00- 120.00 | 100.00 |
| 11 Endosulfan I | | | | | CAS #: 959-98-8 | | |
| 7.223 | 7.220 | 0.003 | 36027 | 10.0000 | 11 | 80.00- 120.00 | 100.00 |
| 8 4,4'-DDE | | | | | CAS #: 72-55-9 | | |
| 7.373 | 7.370 | 0.003 | 29911 | 10.0000 | 9.4 | 80.00- 120.00 | 100.00 |
| 10 Dieldrin | | | | | CAS #: 60-57-1 | | |
| 7.617 | 7.613 | 0.004 | 32629 | 10.0000 | 9.9 | 80.00- 120.00 | 100.00 |
| 14 Endrin | | | | | CAS #: 72-20-8 | | |
| 7.973 | 7.970 | 0.003 | 27997 | 10.0000 | 10 | 80.00- 120.00 | 100.00 |
| 7 4,4'-DDD | | | | | CAS #: 72-54-8 | | |
| 8.073 | 8.070 | 0.003 | 25709 | 10.0000 | 9.9 | 80.00- 120.00 | 100.00 |
| 12 Endosulfan II | | | | | CAS #: 33213-65-9 | | |
| 8.213 | 8.210 | 0.003 | 29646 | 10.0000 | 10 | 80.00- 120.00 | 100.00 |
| 9 4,4'-DDT | | | | | CAS #: 50-29-3 | | |
| 8.437 | 8.437 | 0.000 | 23942 | 10.0000 | 9.7 | 80.00- 120.00 | 100.00 |
| 15 Endrin aldehyde | | | | | CAS #: 7421-93-4 | | |
| 8.603 | 8.600 | 0.003 | 25740 | 10.0000 | 11 | 80.00- 120.00 | 100.00 |
| 13 Endosulfan sulfate | | | | | CAS #: 1031-07-8 | | |
| 8.930 | 8.927 | 0.003 | 27097 | 10.0000 | 11 | 80.00- 120.00 | 100.00 |
| 19 Methoxychlor | | | | | CAS #: 72-43-5 | | |
| 9.227 | 9.223 | 0.004 | 15004 | 10.0000 | 11 | 80.00- 120.00 | 100.00 |
| 16 Endrin ketone | | | | | CAS #: 53494-70-5 | | |
| 9.493 | 9.490 | 0.003 | 33760 | 10.0000 | 12 | 80.00- 120.00 | 100.00 |

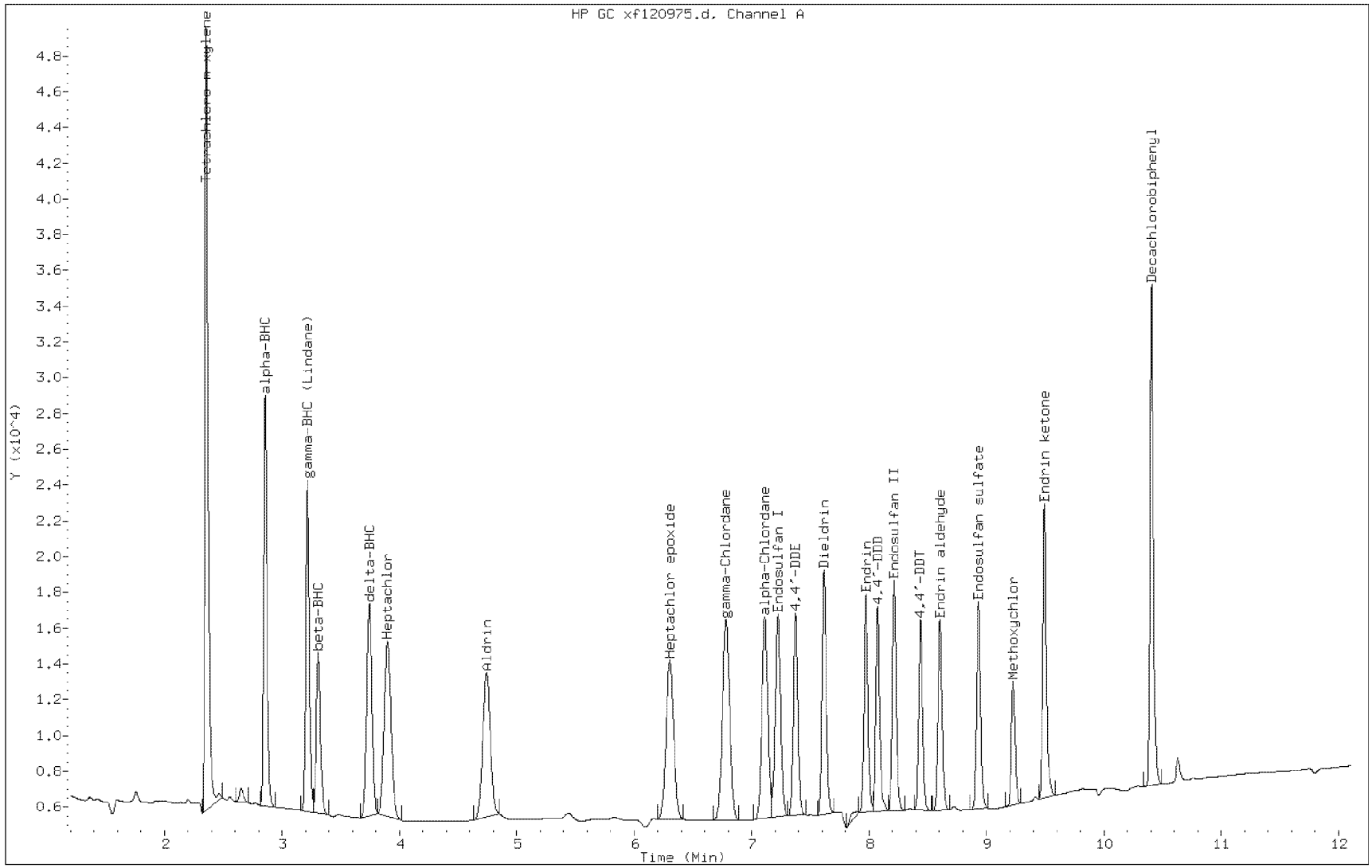
| RT | EXP RT | DLT RT | RESPONSE | AMOUNTS CAL-AMT ( ug/L) | AMOUNTS ON-COL ( ug/L) | TARGET RANGE | RATIO |
|---|---|---|---|---|---|---|---|
| $ 30 Decachlorobiphenyl(surr) | | | | | CAS #: 2051-24-3 | | |
| 10.407 | 10.403 | 0.004 | 54538 | 25.0000 | 26 | 80.00- 120.00 | 100.00 |

Data File: xf120975.d

Date: 02-JUN-2011 14:33

Client ID: Instrument: PESTGC1.i

Sample Info: SGPESTL1_00011 Operator: 462



TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC1.i/8081T/front/Jun11/06-02-11bical/02jun11b.b/xf120976.d
Lab Smp Id: SGPESTL2_00008
Inj Date : 02-JUN-2011 14:46
Operator : 462 Inst ID: PESTGC1.i
Smp Info : SGPESTL2_00008
Misc Info :
Comment :
Method : /chem1/PESTGC1.i/8081T/front/Jun11/06-02-11bical/02jun11b.b/09Xf8081.m
Meth Date : 06-Jun-2011 06:06 Ex. 4 CBI Quant Type: ESTD
Cal Date : 02-JUN-2011 15:00 Cal File: xf120977.d
Als bottle: 1 Calibration Sample, Level: 2
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: SCpestRANGE.sub
Target Version: 3.50 Sample Matrix: SOIL
Processing Host: hpd3

Concentration Formula: Amt * DF * Vt/(Ws*(100-M)/100) * CpndVariable

| Name | Value | Description |
|---|---|---|
| DF | 1.00000 | Dilution Factor |
| Vt | 10.00000 | Volume of final extract (uL)(1000 low, 2 |
| Ws | 15.00000 | Weight of sample extracted (g) |
| M | 0.00000 | % Moisture |

Cpnd Variable Local Compound Variable

| RT | EXP RT | DLT RT | RESPONSE | AMOUNTS CAL-AMT ( ug/L) | AMOUNTS ON-COL ( ug/L) | TARGET RANGE | RATIO |
|---|---|---|---|---|---|---|---|
| $ 28 Tetrachloro-m-xylene(surr) | | | | | CAS #: 877-09-8 | | |
| 2.353 | 2.350 | 0.003 | 163587 | 50.0000 | 55 | 80.00- 120.00 | 100.00 |
| 2 alpha-BHC | | | | | CAS #: 319-84-6 | | |
| 2.853 | 2.853 | 0.000 | 211960 | 50.0000 | 51 | 80.00- 120.00 | 100.00 |
| 5 gamma-BHC (Lindane) | | | | | CAS #: 58-89-9 | | |
| 3.213 | 3.210 | 0.003 | 195863 | 50.0000 | 51 | 80.00- 120.00 | 100.00 |
| 3 beta-BHC | | | | | CAS #: 319-85-7 | | |
| 3.303 | 3.303 | 0.000 | 95777 | 50.0000 | 51 | 80.00- 120.00 | 100.00 |
| 4 delta-BHC | | | | | CAS #: 319-86-8 | | |
| 3.740 | 3.737 | 0.003 | 210965 | 50.0000 | 51 | 80.00- 120.00 | 100.00 |

| RT | EXP RT | DLT RT | RESPONSE | AMOUNTS CAL-AMT ( ug/L) | AMOUNTS ON-COL ( ug/L) | TARGET RANGE | RATIO |
|---|---|---|---|---|---|---|---|
| 17 Heptachlor | | | | | CAS #: 76-44-8 | | |
| 3.893 | 3.893 | 0.000 | 210192 | 50.0000 | 50 | 80.00- 120.00 | 100.00 |
| 1 Aldrin | | | | | CAS #: 309-00-2 | | |
| 4.740 | 4.737 | 0.003 | 208203 | 50.0000 | 50 | 80.00- 120.00 | 100.00 |
| 18 Heptachlor epoxide | | | | | CAS #: 1024-57-3 | | |
| 6.300 | 6.297 | 0.003 | 200481 | 50.0000 | 50 | 80.00- 120.00 | 100.00 |
| 65 gamma-Chlordane | | | | | CAS #: 5103-74-2 | | |
| 6.780 | 6.777 | 0.003 | 201210 | 50.0000 | 48 | 80.00- 120.00 | 100.00 |
| 66 alpha-Chlordane | | | | | CAS #: 5103-71-9 | | |
| 7.110 | 7.107 | 0.003 | 183036 | 50.0000 | 50 | 80.00- 120.00 | 100.00 |
| 11 Endosulfan I | | | | | CAS #: 959-98-8 | | |
| 7.223 | 7.220 | 0.003 | 167050 | 50.0000 | 50 | 80.00- 120.00 | 100.00 |
| 8 4,4'-DDE | | | | | CAS #: 72-55-9 | | |
| 7.370 | 7.370 | 0.000 | 158795 | 50.0000 | 50 | 80.00- 120.00 | 100.00 |
| 10 Dieldrin | | | | | CAS #: 60-57-1 | | |
| 7.613 | 7.613 | 0.000 | 165945 | 50.0000 | 50 | 80.00- 120.00 | 100.00 |
| 14 Endrin | | | | | CAS #: 72-20-8 | | |
| 7.970 | 7.970 | 0.000 | 138220 | 50.0000 | 50 | 80.00- 120.00 | 100.00 |
| 7 4,4'-DDD | | | | | CAS #: 72-54-8 | | |
| 8.070 | 8.070 | 0.000 | 129789 | 50.0000 | 50 | 80.00- 120.00 | 100.00 |
| 12 Endosulfan II | | | | | CAS #: 33213-65-9 | | |
| 8.210 | 8.210 | 0.000 | 141622 | 50.0000 | 50 | 80.00- 120.00 | 100.00 |
| 9 4,4'-DDT | | | | | CAS #: 50-29-3 | | |
| 8.437 | 8.437 | 0.000 | 119960 | 50.0000 | 48 | 80.00- 120.00 | 100.00 |
| 15 Endrin aldehyde | | | | | CAS #: 7421-93-4 | | |
| 8.600 | 8.600 | 0.000 | 116019 | 50.0000 | 50 | 80.00- 120.00 | 100.00 |
| 13 Endosulfan sulfate | | | | | CAS #: 1031-07-8 | | |
| 8.930 | 8.927 | 0.003 | 128327 | 50.0000 | 50 | 80.00- 120.00 | 100.00 |
| 19 Methoxychlor | | | | | CAS #: 72-43-5 | | |
| 9.223 | 9.223 | 0.000 | 66953 | 50.0000 | 50 | 80.00- 120.00 | 100.00 |
| 16 Endrin ketone | | | | | CAS #: 53494-70-5 | | |
| 9.493 | 9.490 | 0.003 | 136852 | 50.0000 | 49 | 80.00- 120.00 | 100.00 |

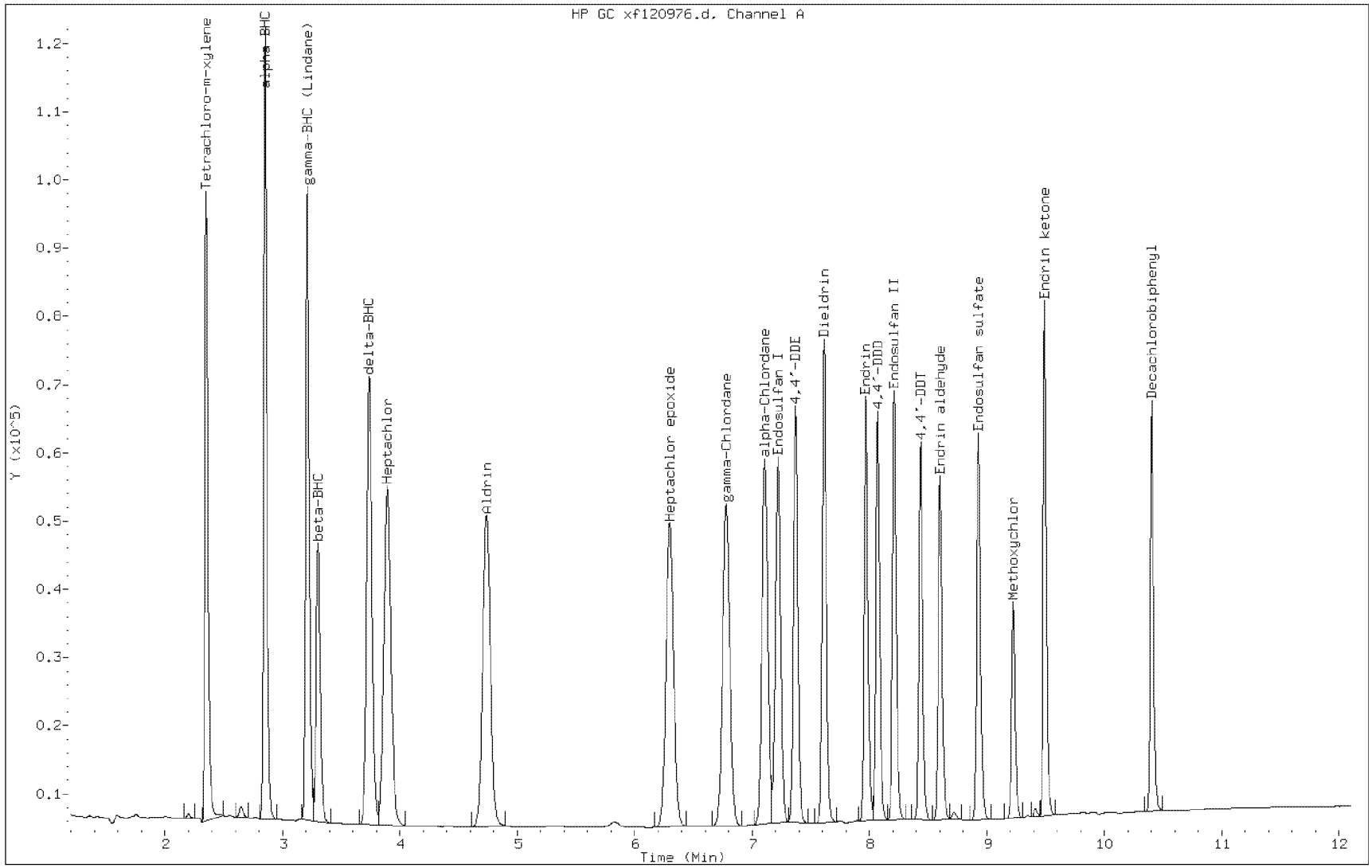
| RT | EXP RT | DLT RT | RESPONSE | AMOUNTS CAL-AMT ( ug/L) | AMOUNTS ON-COL ( ug/L) | TARGET RANGE | RATIO |
|---|---|---|---|---|---|---|---|
| $ 30 Decachlorobiphenyl(surr) | | | | | CAS #: 2051-24-3 | | |
| 10.403 | 10.403 | 0.000 | 112747 | 50.0000 | 55 | 80.00- 120.00 | 100.00 |

Data File: xf120976.d

Date: 02-JUN-2011 14:46

Client ID: Instrument: PESTGC1.i

Sample Info: SGPESTL2_00008 Operator: 462



TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC1.i/8081T/front/Jun11/06-02-11bical/02jun11b.b/xf120977.d
Lab Smp Id: SGPESTL4_00008
Inj Date : 02-JUN-2011 15:00
Operator : 462 Inst ID: PESTGC1.i
Smp Info : SGPESTL4_00008
Misc Info :
Comment :
Method : /chem1/PESTGC1.i/8081T/front/Jun11/06-02-11bical/02jun11b.b/09Xf8081.m
Meth Date : 06-Jun-2011 06:07 Ex. 4 CBI Quant Type: ESTD
Cal Date : 02-JUN-2011 15:42 Cal File: xf120980.d
Als bottle: 1 Calibration Sample, Level: 4
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: SCpestRANGE.sub
Target Version: 3.50 Sample Matrix: SOIL
Processing Host: hpd3

Concentration Formula: Amt * DF * Vt/(Ws*(100-M)/100) * CpndVariable

| Name | Value | Description |
|---|---|---|
| DF | 1.00000 | Dilution Factor |
| Vt | 10.00000 | Volume of final extract (uL)(1000 low, 2 |
| Ws | 15.00000 | Weight of sample extracted (g) |
| M | 0.00000 | % Moisture |

Cpnd Variable Local Compound Variable

| RT | EXP RT | DLT RT | RESPONSE | AMOUNTS CAL-AMT ( ug/L) | AMOUNTS ON-COL ( ug/L) | TARGET RANGE | RATIO |
|---|---|---|---|---|---|---|---|
| $ 28 Tetrachloro-m-xylene(surr) | | | | | CAS #: 877-09-8 | | |
| 2.353 | 2.350 | 0.003 | 419896 | 150.000 | 140 | 80.00- 120.00 | 100.00 |
| 2 alpha-BHC | | | | | CAS #: 319-84-6 | | |
| 2.853 | 2.853 | 0.000 | 1021432 | 250.000 | 240 | 80.00- 120.00 | 100.00 |
| 5 gamma-BHC (Lindane) | | | | | CAS #: 58-89-9 | | |
| 3.213 | 3.210 | 0.003 | 944034 | 250.000 | 240 | 80.00- 120.00 | 100.00 |
| 3 beta-BHC | | | | | CAS #: 319-85-7 | | |
| 3.303 | 3.303 | 0.000 | 434735 | 250.000 | 230 | 80.00- 120.00 | 100.00 |
| 4 delta-BHC | | | | | CAS #: 319-86-8 | | |
| 3.740 | 3.737 | 0.003 | 1055116 | 250.000 | 260 | 80.00- 120.00 | 100.00 |

| RT | EXP RT | DLT RT | RESPONSE | AMOUNTS CAL-AMT ( ug/L) | AMOUNTS ON-COL ( ug/L) | TARGET RANGE | RATIO |
|---|---|---|---|---|---|---|---|
| 17 Heptachlor | | | | | CAS #: 76-44-8 | | |
| 3.897 | 3.893 | 0.004 | 1050240 | 250.000 | 250 | 80.00- 120.00 | 100.00 |
| 1 Aldrin | | | | | CAS #: 309-00-2 | | |
| 4.740 | 4.737 | 0.003 | 1073389 | 250.000 | 260 | 80.00- 120.00 | 100.00 |
| 18 Heptachlor epoxide | | | | | CAS #: 1024-57-3 | | |
| 6.300 | 6.297 | 0.003 | 981351 | 250.000 | 250 | 80.00- 120.00 | 100.00 |
| 65 gamma-Chlordane | | | | | CAS #: 5103-74-2 | | |
| 6.780 | 6.777 | 0.003 | 994693 | 250.000 | 240 | 80.00- 120.00 | 100.00 |
| 66 alpha-Chlordane | | | | | CAS #: 5103-71-9 | | |
| 7.110 | 7.107 | 0.003 | 884602 | 250.000 | 240 | 80.00- 120.00 | 100.00 |
| 11 Endosulfan I | | | | | CAS #: 959-98-8 | | |
| 7.223 | 7.220 | 0.003 | 816663 | 250.000 | 240 | 80.00- 120.00 | 100.00 |
| 8 4,4'-DDE | | | | | CAS #: 72-55-9 | | |
| 7.370 | 7.370 | 0.000 | 806869 | 250.000 | 250 | 80.00- 120.00 | 100.00 |
| 10 Dieldrin | | | | | CAS #: 60-57-1 | | |
| 7.613 | 7.613 | 0.000 | 819096 | 250.000 | 250 | 80.00- 120.00 | 100.00 |
| 14 Endrin | | | | | CAS #: 72-20-8 | | |
| 7.970 | 7.970 | 0.000 | 686307 | 250.000 | 250 | 80.00- 120.00 | 100.00 |
| 7 4,4'-DDD | | | | | CAS #: 72-54-8 | | |
| 8.070 | 8.070 | 0.000 | 651900 | 250.000 | 250 | 80.00- 120.00 | 100.00 |
| 12 Endosulfan II | | | | | CAS #: 33213-65-9 | | |
| 8.210 | 8.210 | 0.000 | 689942 | 250.000 | 240 | 80.00- 120.00 | 100.00 |
| 9 4,4'-DDT | | | | | CAS #: 50-29-3 | | |
| 8.437 | 8.437 | 0.000 | 621386 | 250.000 | 250 | 80.00- 120.00 | 100.00 |
| 15 Endrin aldehyde | | | | | CAS #: 7421-93-4 | | |
| 8.600 | 8.600 | 0.000 | 549932 | 250.000 | 240 | 80.00- 120.00 | 100.00 |
| 13 Endosulfan sulfate | | | | | CAS #: 1031-07-8 | | |
| 8.930 | 8.927 | 0.003 | 620135 | 250.000 | 240 | 80.00- 120.00 | 100.00 |
| 19 Methoxychlor | | | | | CAS #: 72-43-5 | | |
| 9.223 | 9.223 | 0.000 | 317549 | 250.000 | 240 | 80.00- 120.00 | 100.00 |
| 16 Endrin ketone | | | | | CAS #: 53494-70-5 | | |
| 9.490 | 9.490 | 0.000 | 657253 | 250.000 | 230 | 80.00- 120.00 | 100.00 |

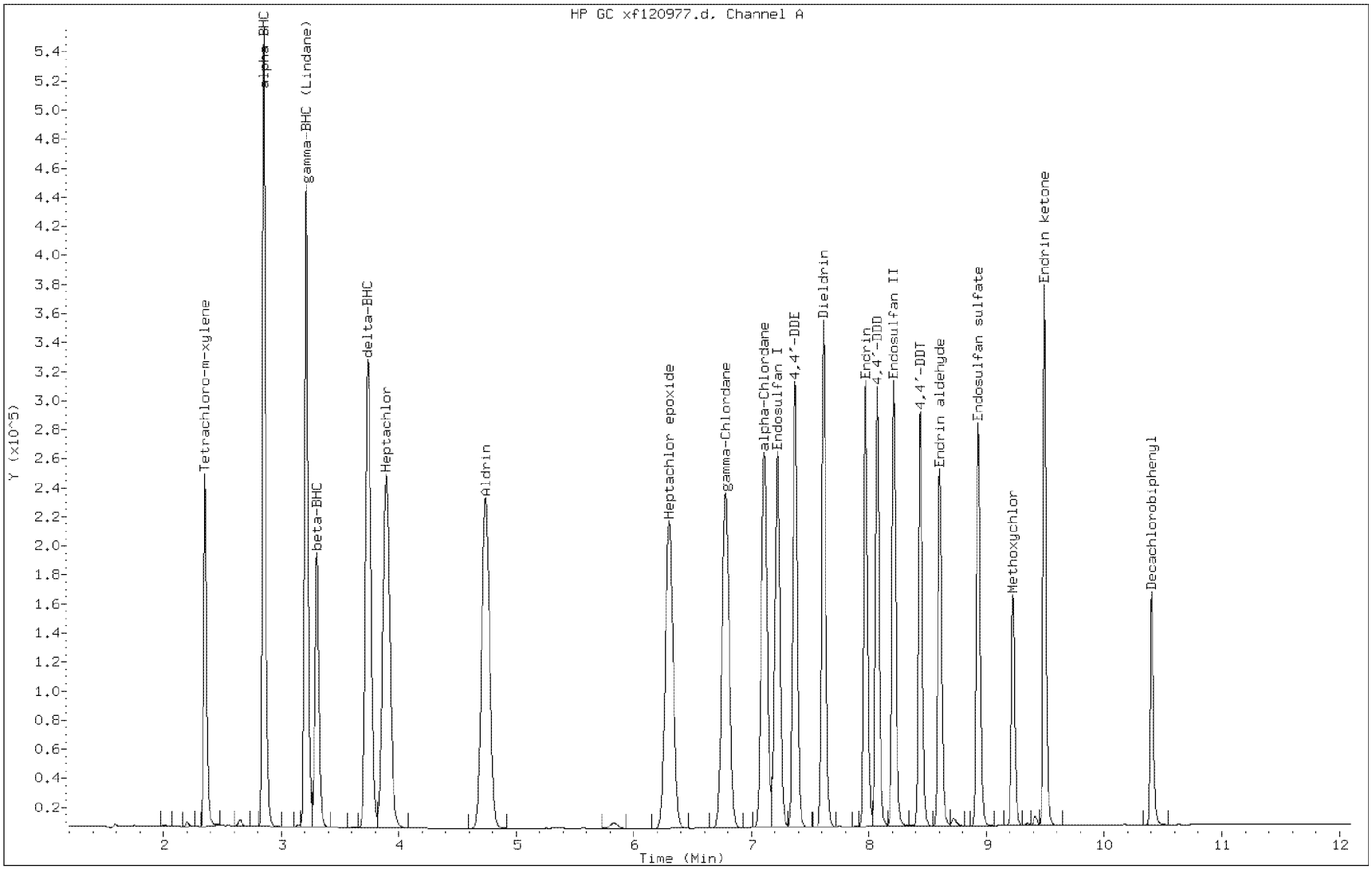
| RT | EXP RT | DLT RT | RESPONSE | AMOUNTS CAL-AMT ( ug/L) | AMOUNTS ON-COL ( ug/L) | TARGET RANGE | RATIO |
|---|---|---|---|---|---|---|---|
| $ 30 Decachlorobiphenyl(surr) | | | | | CAS #: 2051-24-3 | | |
| 10.403 | 10.403 | 0.000 | 289183 | 150.000 | 140 | 80.00- 120.00 | 100.00 |

Data File: xf120977.d

Date: 02-JUN-2011 15:00

Client ID: Instrument: PESTGC1.i

Sample Info: SGPESTL4_00008 Operator: 462



TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC1.i/8081T/front/Jun11/06-02-11bical/02jun11b.b/xf120978.d
Lab Smp Id: SGPESTL5_00008
Inj Date : 02-JUN-2011 15:14
Operator : 462 Inst ID: PESTGC1.i
Smp Info : SGPESTL5_00008
Misc Info :
Comment :
Method : /chem1/PESTGC1.i/8081T/front/Jun11/06-02-11bical/02jun11b.b/09Xf8081.m
Meth Date : 06-Jun-2011 06:07 Ex. 4 CBI Quant Type: ESTD
Cal Date : 02-JUN-2011 15:42 Cal File: xf120980.d
Als bottle: 1 Calibration Sample, Level: 5
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: SCpestRANGE.sub
Target Version: 3.50 Sample Matrix: SOIL
Processing Host: hpd3

Concentration Formula: Amt * DF * Vt/(Ws*(100-M)/100) * CpndVariable

| Name | Value | Description |
|---|---|---|
| DF | 1.00000 | Dilution Factor |
| Vt | 10.00000 | Volume of final extract (uL)(1000 low, 2 |
| Ws | 15.00000 | Weight of sample extracted (g) |
| M | 0.00000 | % Moisture |

Cpnd Variable Local Compound Variable

| RT | EXP RT | DLT RT | RESPONSE | AMOUNTS CAL-AMT ( ug/L) | AMOUNTS ON-COL ( ug/L) | TARGET RANGE | RATIO |
|---|---|---|---|---|---|---|---|
| $ 28 Tetrachloro-m-xylene(surr) | | | | | CAS #: 877-09-8 | | |
| 2.350 | 2.350 | 0.000 | 551060 | 200.000 | 180 | 80.00- 120.00 | 100.00 |
| 2 alpha-BHC | | | | | CAS #: 319-84-6 | | |
| 2.853 | 2.853 | 0.000 | 1975781 | 500.000 | 470 | 80.00- 120.00 | 100.00 |
| 5 gamma-BHC (Lindane) | | | | | CAS #: 58-89-9 | | |
| 3.213 | 3.210 | 0.003 | 1812521 | 500.000 | 470 | 80.00- 120.00 | 100.00 |
| 3 beta-BHC | | | | | CAS #: 319-85-7 | | |
| 3.303 | 3.303 | 0.000 | 827706 | 500.000 | 440 | 80.00- 120.00 | 100.00 |
| 4 delta-BHC | | | | | CAS #: 319-86-8 | | |
| 3.740 | 3.737 | 0.003 | 2033729 | 500.000 | 490 | 80.00- 120.00 | 100.00 |

| RT | EXP RT | DLT RT | RESPONSE | AMOUNTS CAL-AMT ( ug/L) | AMOUNTS ON-COL ( ug/L) | TARGET RANGE | RATIO |
|---|---|---|---|---|---|---|---|
| 17 Heptachlor | | | | | CAS #: 76-44-8 | | |
| 3.893 | 3.893 | 0.000 | 2016957 | 500.000 | 480 | 80.00- 120.00 | 100.00 |
| 1 Aldrin | | | | | CAS #: 309-00-2 | | |
| 4.737 | 4.737 | 0.000 | 2071888 | 500.000 | 500 | 80.00- 120.00 | 100.00(A) |
| 18 Heptachlor epoxide | | | | | CAS #: 1024-57-3 | | |
| 6.300 | 6.297 | 0.003 | 1870622 | 500.000 | 470 | 80.00- 120.00 | 100.00 |
| 65 gamma-Chlordane | | | | | CAS #: 5103-74-2 | | |
| 6.780 | 6.777 | 0.003 | 1915686 | 500.000 | 460 | 80.00- 120.00 | 100.00 |
| 66 alpha-Chlordane | | | | | CAS #: 5103-71-9 | | |
| 7.110 | 7.107 | 0.003 | 1706167 | 500.000 | 470 | 80.00- 120.00 | 100.00 |
| 11 Endosulfan I | | | | | CAS #: 959-98-8 | | |
| 7.223 | 7.220 | 0.003 | 1559698 | 500.000 | 460 | 80.00- 120.00 | 100.00 |
| 8 4,4'-DDE | | | | | CAS #: 72-55-9 | | |
| 7.370 | 7.370 | 0.000 | 1561321 | 500.000 | 490 | 80.00- 120.00 | 100.00 |
| 10 Dieldrin | | | | | CAS #: 60-57-1 | | |
| 7.613 | 7.613 | 0.000 | 1572239 | 500.000 | 480 | 80.00- 120.00 | 100.00 |
| 14 Endrin | | | | | CAS #: 72-20-8 | | |
| 7.970 | 7.970 | 0.000 | 1316544 | 500.000 | 470 | 80.00- 120.00 | 100.00 |
| 7 4,4'-DDD | | | | | CAS #: 72-54-8 | | |
| 8.070 | 8.070 | 0.000 | 1264161 | 500.000 | 490 | 80.00- 120.00 | 100.00 |
| 12 Endosulfan II | | | | | CAS #: 33213-65-9 | | |
| 8.210 | 8.210 | 0.000 | 1322154 | 500.000 | 470 | 80.00- 120.00 | 100.00 |
| 9 4,4'-DDT | | | | | CAS #: 50-29-3 | | |
| 8.437 | 8.437 | 0.000 | 1217472 | 500.000 | 490 | 80.00- 120.00 | 100.00 |
| 15 Endrin aldehyde | | | | | CAS #: 7421-93-4 | | |
| 8.600 | 8.600 | 0.000 | 1058811 | 500.000 | 460 | 80.00- 120.00 | 100.00 |
| 13 Endosulfan sulfate | | | | | CAS #: 1031-07-8 | | |
| 8.927 | 8.927 | 0.000 | 1196937 | 500.000 | 470 | 80.00- 120.00 | 100.00 |
| 19 Methoxychlor | | | | | CAS #: 72-43-5 | | |
| 9.223 | 9.223 | 0.000 | 614402 | 500.000 | 460 | 80.00- 120.00 | 100.00 |
| 16 Endrin ketone | | | | | CAS #: 53494-70-5 | | |
| 9.490 | 9.490 | 0.000 | 1270539 | 500.000 | 450 | 80.00- 120.00 | 100.00 |

| RT | EXP RT | DLT RT | RESPONSE | AMOUNTS CAL-AMT ( ug/L) | AMOUNTS ON-COL ( ug/L) | TARGET RANGE | RATIO |
|---|---|---|---|---|---|---|---|
| $ 30 Decachlorobiphenyl(surr) | | | | | CAS #: 2051-24-3 | | |
| 10.403 | 10.403 | 0.000 | 380640 | 200.000 | 180 | 80.00- 120.00 | 100.00 |

QC Flag Legend

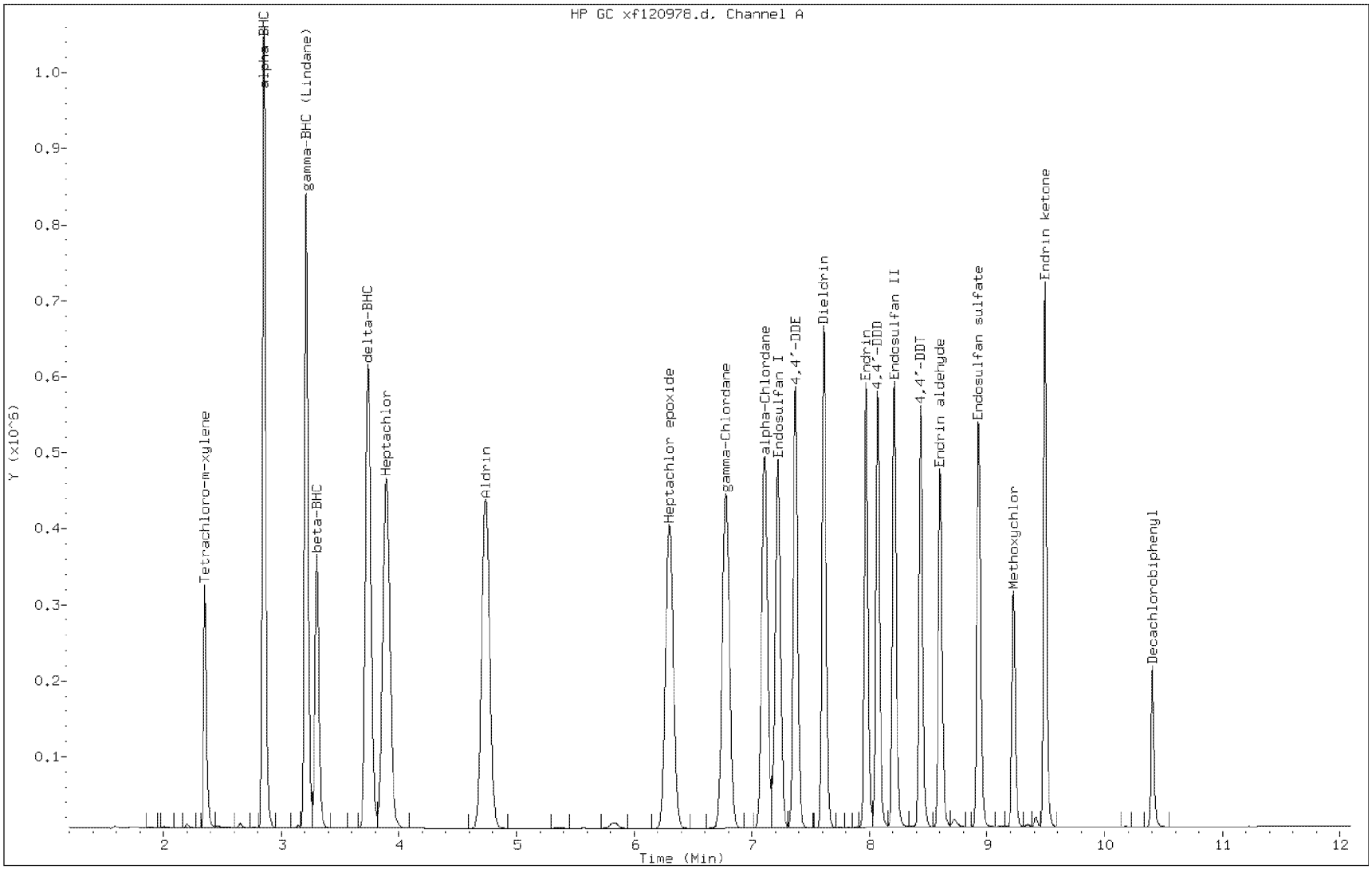
A - Target compound detected but, quantitated amount exceeded maximum amount.

Data File: xf120978.d

Date: 02-JUN-2011 15:14

Client ID: Instrument: PESTGC1.i

Sample Info: SGPESTL5_00008 Operator: 462



FORM VI
GC SEMI VOA INITIAL CALIBRATION DATA
EXTERNAL STANDARD RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-27128-1 Analy Batch No.: 75718

SDG No.:

Instrument ID: PESTGC1 GC Column: CLP-1 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 06/02/2011 14:19 Calibration End Date: 06/02/2011 15:14 Calibration ID: 11114

Calibration Files:

| LEVEL: | LAB SAMPLE ID: | LAB FILE ID: |
|---|---|---|
| Level 1 | IC 460-75718/6 | xr120975.d |
| Level 2 | IC 460-75718/7 | xr120976.d |
| Level 3 | IC 460-75718/5 | xr120974.d |
| Level 4 | IC 460-75718/8 | xr120977.d |
| Level 5 | IC 460-75718/9 | xr120978.d |

| ANALYTE | LVL 1 | LVL 2 | LVL 3 | LVL 4 | LVL 5 | | | | | | RT WINDOW | AVG RT |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| alpha-BHC | 2.337 | 2.337 | 2.333 | 2.337 | 2.333 | | | | | | 2.287 - 2.387 | 2.335 |
| gamma-BHC (Lindane) | 2.557 | 2.557 | 2.557 | 2.557 | 2.557 | | | | | | 2.507 - 2.607 | 2.557 |
| beta-BHC | 2.617 | 2.617 | 2.617 | 2.617 | 2.613 | | | | | | 2.567 - 2.667 | 2.616 |
| delta-BHC | 2.747 | 2.743 | 2.743 | 2.743 | 2.743 | | | | | | 2.697 - 2.797 | 2.744 |
| Heptachlor | 2.917 | 2.917 | 2.917 | 2.917 | 2.917 | | | | | | 2.867 - 2.967 | 2.917 |
| Aldrin | 3.190 | 3.187 | 3.187 | 3.187 | 3.187 | | | | | | 3.140 - 3.240 | 3.187 |
| Heptachlor epoxide | 4.097 | 4.093 | 4.093 | 4.093 | 4.090 | | | | | | 4.027 - 4.167 | 4.093 |
| gamma-Chlordane | 4.393 | 4.390 | 4.390 | 4.390 | 4.390 | | | | | | 4.327 - 4.467 | 4.391 |
| alpha-Chlordane | 4.713 | 4.717 | 4.713 | 4.717 | 4.713 | | | | | | 4.650 - 4.790 | 4.715 |
| 4,4'-DDE | 4.933 | 4.933 | 4.930 | 4.933 | 4.930 | | | | | | 4.867 - 5.007 | 4.932 |
| Endosulfan I | 5.043 | 5.040 | 5.040 | 5.040 | 5.037 | | | | | | 4.973 - 5.113 | 5.040 |
| Dieldrin | 5.657 | 5.657 | 5.657 | 5.657 | 5.653 | | | | | | 5.590 - 5.730 | 5.656 |
| Endrin | 6.253 | 6.250 | 6.250 | 6.250 | 6.250 | | | | | | 6.183 - 6.323 | 6.251 |
| 4,4'-DDD | 6.447 | 6.447 | 6.447 | 6.447 | 6.443 | | | | | | 6.380 - 6.520 | 6.446 |
| Endosulfan II | 6.780 | 6.780 | 6.777 | 6.777 | 6.777 | | | | | | 6.713 - 6.853 | 6.778 |
| 4,4'-DDT | 7.080 | 7.080 | 7.077 | 7.080 | 7.077 | | | | | | 7.010 - 7.150 | 7.079 |
| Endrin aldehyde | 7.503 | 7.503 | 7.503 | 7.503 | 7.500 | | | | | | 7.433 - 7.573 | 7.503 |
| Methoxychlor | 7.750 | 7.750 | 7.750 | 7.747 | 7.747 | | | | | | 7.680 - 7.820 | 7.749 |
| Endosulfan sulfate | 7.993 | 7.990 | 7.990 | 7.990 | 7.990 | | | | | | 7.920 - 8.060 | 7.991 |
| Endrin ketone | 8.303 | 8.300 | 8.300 | 8.300 | 8.300 | | | | | | 8.230 - 8.370 | 8.301 |
| Tetrachloro-m-xylene | 1.953 | 1.950 | 1.950 | 1.953 | 1.950 | | | | | | 1.903 - 2.003 | 1.951 |
| DCB Decachlorobiphenyl | 9.417 | 9.417 | 9.417 | 9.417 | 9.413 | | | | | | 9.317 - 9.517 | 9.416 |

FORM VI
GC SEMI VOA INITIAL CALIBRATION DATA
EXTERNAL STANDARD CURVE EVALUTION

Lab Name: TestAmerica Edison Job No.: 460-27128-1 Analy Batch No.: 75718

SDG No.:

Instrument ID: PESTGC1 GC Column: CLP-1 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 06/02/2011 14:19 Calibration End Date: 06/02/2011 15:14 Calibration ID: 11114

Calibration Files:

| LEVEL: | LAB SAMPLE ID: | LAB FILE ID: |
|---|---|---|
| Level 1 | IC 460-75718/6 | xr120975.d |
| Level 2 | IC 460-75718/7 | xr120976.d |
| Level 3 | IC 460-75718/5 | xr120974.d |
| Level 4 | IC 460-75718/8 | xr120977.d |
| Level 5 | IC 460-75718/9 | xr120978.d |

| ANALYTE | CF | | | | CURVE TYPE | COEFFICIENT | | | # | MIN CF | %RSD | # | MAX %RSD | R^2 OR COD | # | MIN R^2 OR COD |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | LVL 1<br>LVL 5 | LVL 2 | LVL 3 | LVL 4 | | B | M1 | M2 | | | | | | | | |
| alpha-BHC | 7105.7<br>5548.6 | 6750.8 | 6571.9 | 5900.7 | Ave | | 6375.53760 | | | | 10.0 | | 20.0 | | | |
| gamma-BHC (Lindane) | 5889.4<br>4481.9 | 5523.0 | 5303.3 | 4840.1 | Ave | | 5207.53000 | | | | 10.7 | | 20.0 | | | |
| beta-BHC | 3348.2<br>2712.4 | 3212.6 | 3208.5 | 2865.1 | Ave | | 3069.35880 | | | | 8.7 | | 20.0 | | | |
| delta-BHC | 5797.2<br>5050.8 | 5830.4 | 5825.6 | 5368.7 | Ave | | 5574.52800 | | | | 6.3 | | 20.0 | | | |
| Heptachlor | 5694.6<br>4645.6 | 5322.2 | 5438.6 | 5002.5 | Ave | | 5220.69840 | | | | 7.8 | | 20.0 | | | |
| Aldrin | 5327.0<br>4609.5 | 5072.2 | 5229.3 | 4894.5 | Ave | | 5026.48920 | | | | 5.7 | | 20.0 | | | |
| Heptachlor epoxide | 5739.4<br>4791.5 | 5347.6 | 5468.2 | 5082.0 | Ave | | 5285.73280 | | | | 6.9 | | 20.0 | | | |
| gamma-Chlordane | 5756.6<br>4847.9 | 5229.0 | 5410.0 | 5068.8 | Ave | | 5262.43680 | | | | 6.6 | | 20.0 | | | |
| alpha-Chlordane | 4912.3<br>4609.7 | 5035.8 | 5224.2 | 4856.4 | Ave | | 4927.69080 | | | | 4.6 | | 20.0 | | | |
| 4,4'-DDE | 4146.1<br>4152.1 | 4134.8 | 4362.8 | 4322.2 | Ave | | 4223.58680 | | | | 2.6 | | 20.0 | | | |
| Endosulfan I | 5388.5<br>4693.1 | 4979.8 | 5313.1 | 4941.6 | Ave | | 5063.23680 | | | | 5.6 | | 20.0 | | | |
| Dieldrin | 4887.8<br>4759.3 | 4858.5 | 5123.6 | 4944.2 | Ave | | 4914.67000 | | | | 2.7 | | 20.0 | | | |
| Endrin | 4179.1<br>4035.7 | 4111.5 | 4405.5 | 4210.8 | Ave | | 4188.50920 | | | | 3.3 | | 20.0 | | | |
| 4,4'-DDD | 3452.0<br>3803.3 | 3636.5 | 3897.2 | 3929.1 | Ave | | 3743.62640 | | | | 5.3 | | 20.0 | | | |
| Endosulfan II | 5371.1<br>3982.5 | 4200.1 | 4328.9 | 4179.1 | Ave | | 4412.33240 | | | | 12.5 | | 20.0 | | | |

Note: The m1 coefficient is the same as Ave CF for an Ave curve type.

FORM VI
GC SEMI VOA INITIAL CALIBRATION DATA
EXTERNAL STANDARD CURVE EVALUTION

Lab Name: TestAmerica Edison Job No.: 460-27128-1 Analy Batch No.: 75718

SDG No.:

Instrument ID: PESTGC1 GC Column: CLP-1 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 06/02/2011 14:19 Calibration End Date: 06/02/2011 15:14 Calibration ID: 11114

| ANALYTE | CF | | | | CURVE TYPE | COEFFICIENT | | | # | MIN CF | %RSD | # | MAX %RSD | R^2 OR COD | # | MIN R^2 OR COD |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | LVL 1<br>LVL 5 | LVL 2 | LVL 3 | LVL 4 | | B | M1 | M2 | | | | | | | | |
| 4,4'-DDT | 3459.9<br>3455.2 | 3220.5 | 3579.5 | 3499.5 | Ave | | 3442.93840 | | | | 3.9 | | 20.0 | | | |
| Endrin aldehyde | 3379.8<br>2876.7 | 3147.5 | 3194.4 | 3010.6 | Ave | | 3121.79200 | | | | 6.1 | | 20.0 | | | |
| Methoxychlor | 1955.6<br>1737.4 | 1765.2 | 1937.7 | 1814.4 | Ave | | 1842.06040 | | | | 5.4 | | 20.0 | | | |
| Endosulfan sulfate | 3484.9<br>3023.2 | 3214.2 | 3288.0 | 3146.4 | Ave | | 3231.35520 | | | | 5.3 | | 20.0 | | | |
| Endrin ketone | 4295.5<br>3611.0 | 3951.7 | 3973.2 | 3783.4 | Ave | | 3922.95560 | | | | 6.5 | | 20.0 | | | |
| Tetrachloro-m-xylene | 4826.0<br>4300.5 | 5321.8 | 4705.1 | 4384.2 | Ave | | 4707.53867 | | | | 8.6 | | 20.0 | | | |
| DCB Decachlorobiphenyl | 2901.8<br>2447.8 | 2862.0 | 2730.0 | 2479.9 | Ave | | 2684.30867 | | | | 7.9 | | 20.0 | | | |

Note: The m1 coefficient is the same as Ave CF for an Ave curve type.

FORM VI
GC SEMI VOA INITIAL CALIBRATION DATA
EXTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Edison Job No.: 460-27128-1 Analy Batch No.: 75718

SDG No.:

Instrument ID: PESTGC1 GC Column: CLP-1 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 06/02/2011 14:19 Calibration End Date: 06/02/2011 15:14 Calibration ID: 11114

Calibration Files:

| LEVEL: | LAB SAMPLE ID: | LAB FILE ID: |
|---|---|---|
| Level 1 | IC 460-75718/6 | xr120975.d |
| Level 2 | IC 460-75718/7 | xr120976.d |
| Level 3 | IC 460-75718/5 | xr120974.d |
| Level 4 | IC 460-75718/8 | xr120977.d |
| Level 5 | IC 460-75718/9 | xr120978.d |

| ANALYTE | CURVE TYPE | RESPONSE | | | | | CONCENTRATION (UG/L) | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | LVL 1 | LVL 2 | LVL 3 | LVL 4 | LVL 5 | LVL 1 | LVL 2 | LVL 3 | LVL 4 | LVL 5 |
| alpha-BHC | Ave | 71057 | 337541 | 657189 | 1475170 | 2774299 | 10.0 | 50.0 | 100 | 250 | 500 |
| gamma-BHC (Lindane) | Ave | 58894 | 276150 | 530327 | 1210032 | 2240926 | 10.0 | 50.0 | 100 | 250 | 500 |
| beta-BHC | Ave | 33482 | 160628 | 320854 | 716269 | 1356209 | 10.0 | 50.0 | 100 | 250 | 500 |
| delta-BHC | Ave | 57972 | 291519 | 582558 | 1342182 | 2525376 | 10.0 | 50.0 | 100 | 250 | 500 |
| Heptachlor | Ave | 56946 | 266111 | 543857 | 1250623 | 2322805 | 10.0 | 50.0 | 100 | 250 | 500 |
| Aldrin | Ave | 53270 | 253609 | 522925 | 1223621 | 2304766 | 10.0 | 50.0 | 100 | 250 | 500 |
| Heptachlor epoxide | Ave | 57394 | 267378 | 546819 | 1270497 | 2395763 | 10.0 | 50.0 | 100 | 250 | 500 |
| gamma-Chlordane | Ave | 57566 | 261450 | 540995 | 1267192 | 2423933 | 10.0 | 50.0 | 100 | 250 | 500 |
| alpha-Chlordane | Ave | 49123 | 251790 | 522421 | 1214099 | 2304874 | 10.0 | 50.0 | 100 | 250 | 500 |
| 4,4'-DDE | Ave | 41461 | 206738 | 436279 | 1080551 | 2076040 | 10.0 | 50.0 | 100 | 250 | 500 |
| Endosulfan I | Ave | 53885 | 248992 | 531309 | 1235412 | 2346553 | 10.0 | 50.0 | 100 | 250 | 500 |
| Dieldrin | Ave | 48878 | 242927 | 512356 | 1236050 | 2379625 | 10.0 | 50.0 | 100 | 250 | 500 |
| Endrin | Ave | 41791 | 205574 | 440546 | 1052703 | 2017847 | 10.0 | 50.0 | 100 | 250 | 500 |
| 4,4'-DDD | Ave | 34520 | 181826 | 389724 | 982265 | 1901656 | 10.0 | 50.0 | 100 | 250 | 500 |
| Endosulfan II | Ave | 53711 | 210004 | 432889 | 1044770 | 1991256 | 10.0 | 50.0 | 100 | 250 | 500 |
| 4,4'-DDT | Ave | 34599 | 161024 | 357952 | 874887 | 1727622 | 10.0 | 50.0 | 100 | 250 | 500 |
| Endrin aldehyde | Ave | 33798 | 157377 | 319436 | 752652 | 1438326 | 10.0 | 50.0 | 100 | 250 | 500 |
| Methoxychlor | Ave | 19556 | 88258 | 193774 | 453600 | 868701 | 10.0 | 50.0 | 100 | 250 | 500 |
| Endosulfan sulfate | Ave | 34849 | 160711 | 328798 | 786610 | 1511618 | 10.0 | 50.0 | 100 | 250 | 500 |
| Endrin ketone | Ave | 42955 | 197585 | 397318 | 945843 | 1805513 | 10.0 | 50.0 | 100 | 250 | 500 |
| Tetrachloro-m-xylene | Ave | 120651 | 266089 | 470514 | 657632 | 860104 | 25.0 | 50.0 | 100 | 150 | 200 |
| DCB Decachlorobiphenyl | Ave | 72546 | 143098 | 273001 | 371984 | 489568 | 25.0 | 50.0 | 100 | 150 | 200 |

Curve Type Legend:
Ave = Average

Data File: xr120974.d
Report Date: 06-Jun-2011 06:06

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC1.i/8081T/rear/Jun11/06-02-11bical/02jun11b.b/xr120974.d
Lab Smp Id: SGPESTL3_00009
Inj Date : 02-JUN-2011 14:19
Operator : 462 Inst ID: PESTGC1.i
Smp Info : SGPESTL3_00009
Misc Info :
Comment :
Method : /chem1/PESTGC1.i/8081T/rear/Jun11/06-02-11bical/02jun11b.b/09Xr8081.m
Meth Date : 06-Jun-2011 06:06 Ex. 4 CBI Quant Type: ESTD
Cal Date : 02-JUN-2011 15:42 Cal File: xr120980.d
Als bottle: 1 Calibration Sample, Level: 3
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: SCpestRANGE.sub
Target Version: 3.50 Sample Matrix: SOIL
Processing Host: hpd3

Concentration Formula: Amt * DF * Vt/(Ws*(100-M)/100) * CpndVariable

| Name | Value | Description |
|---|---|---|
| DF | 1.00000 | Dilution Factor |
| Vt | 10.00000 | Volume of final extract (uL)(1000 low, 2 |
| Ws | 15.00000 | Weight of sample extracted (g) |
| M | 0.00000 | % Moisture |

Cpnd Variable Local Compound Variable

| RT | EXP RT | DLT RT | RESPONSE | AMOUNTS CAL-AMT ( ug/L) | AMOUNTS ON-COL ( ug/L) | TARGET RANGE | RATIO |
|---|---|---|---|---|---|---|---|
| $ 28 Tetrachloro-m-xylene(surr) | | | | | CAS #: 877-09-8 | | |
| 1.950 | 1.950 | 0.000 | 470514 | 100.000 | 100 | 80.00- 120.00 | 100.00 |
| 2 alpha-BHC | | | | | CAS #: 319-84-6 | | |
| 2.333 | 2.333 | 0.000 | 657189 | 100.000 | 100 | 80.00- 120.00 | 100.00 |
| 5 gamma-BHC (Lindane) | | | | | CAS #: 58-89-9 | | |
| 2.557 | 2.557 | 0.000 | 530327 | 100.000 | 100 | 80.00- 120.00 | 100.00 |
| 3 beta-BHC | | | | | CAS #: 319-85-7 | | |
| 2.617 | 2.617 | 0.000 | 320854 | 100.000 | 100 | 80.00- 120.00 | 100.00 |
| 4 delta-BHC | | | | | CAS #: 319-86-8 | | |
| 2.743 | 2.743 | 0.000 | 582558 | 100.000 | 100 | 80.00- 120.00 | 100.00 |

Data File: xr120974.d
Report Date: 06-Jun-2011 06:06

| RT | EXP RT | DLT RT | RESPONSE | AMOUNTS CAL-AMT ( ug/L) | AMOUNTS ON-COL ( ug/L) | TARGET RANGE | RATIO |
|---|---|---|---|---|---|---|---|
| 17 Heptachlor | | | | | CAS #: 76-44-8 | | |
| 2.917 | 2.917 | 0.000 | 543857 | 100.000 | 100 | 80.00- 120.00 | 100.00 |
| 1 Aldrin | | | | | CAS #: 309-00-2 | | |
| 3.187 | 3.187 | 0.000 | 522925 | 100.000 | 100 | 80.00- 120.00 | 100.00 |
| 18 Heptachlor epoxide | | | | | CAS #: 1024-57-3 | | |
| 4.093 | 4.093 | 0.000 | 546819 | 100.000 | 100 | 80.00- 120.00 | 100.00 |
| 65 gamma-Chlordane | | | | | CAS #: 5103-74-2 | | |
| 4.390 | 4.390 | 0.000 | 540995 | 100.000 | 100 | 80.00- 120.00 | 100.00 |
| 66 alpha-Chlordane | | | | | CAS #: 5103-71-9 | | |
| 4.713 | 4.713 | 0.000 | 522421 | 100.000 | 110 | 80.00- 120.00 | 100.00 |
| 8 4,4'-DDE | | | | | CAS #: 72-55-9 | | |
| 4.930 | 4.930 | 0.000 | 436279 | 100.000 | 100 | 80.00- 120.00 | 100.00 |
| 11 Endosulfan I | | | | | CAS #: 959-98-8 | | |
| 5.040 | 5.040 | 0.000 | 531309 | 100.000 | 100 | 80.00- 120.00 | 100.00 |
| 10 Dieldrin | | | | | CAS #: 60-57-1 | | |
| 5.657 | 5.657 | 0.000 | 512356 | 100.000 | 100 | 80.00- 120.00 | 100.00 |
| 14 Endrin | | | | | CAS #: 72-20-8 | | |
| 6.250 | 6.250 | 0.000 | 440546 | 100.000 | 100 | 80.00- 120.00 | 100.00 |
| 7 4,4'-DDD | | | | | CAS #: 72-54-8 | | |
| 6.447 | 6.447 | 0.000 | 389724 | 100.000 | 100 | 80.00- 120.00 | 100.00 |
| 12 Endosulfan II | | | | | CAS #: 33213-65-9 | | |
| 6.777 | 6.777 | 0.000 | 432889 | 100.000 | 98 | 80.00- 120.00 | 100.00 |
| 9 4,4'-DDT | | | | | CAS #: 50-29-3 | | |
| 7.077 | 7.077 | 0.000 | 357952 | 100.000 | 100 | 80.00- 120.00 | 100.00 |
| 15 Endrin aldehyde | | | | | CAS #: 7421-93-4 | | |
| 7.503 | 7.503 | 0.000 | 319436 | 100.000 | 100 | 80.00- 120.00 | 100.00 |
| 19 Methoxychlor | | | | | CAS #: 72-43-5 | | |
| 7.750 | 7.750 | 0.000 | 193774 | 100.000 | 100 | 80.00- 120.00 | 100.00 |
| 13 Endosulfan sulfate | | | | | CAS #: 1031-07-8 | | |
| 7.990 | 7.990 | 0.000 | 328798 | 100.000 | 100 | 80.00- 120.00 | 100.00 |
| 16 Endrin ketone | | | | | CAS #: 53494-70-5 | | |
| 8.300 | 8.300 | 0.000 | 397318 | 100.000 | 100 | 80.00- 120.00 | 100.00 |

Data File: xr120974.d
Report Date: 06-Jun-2011 06:06

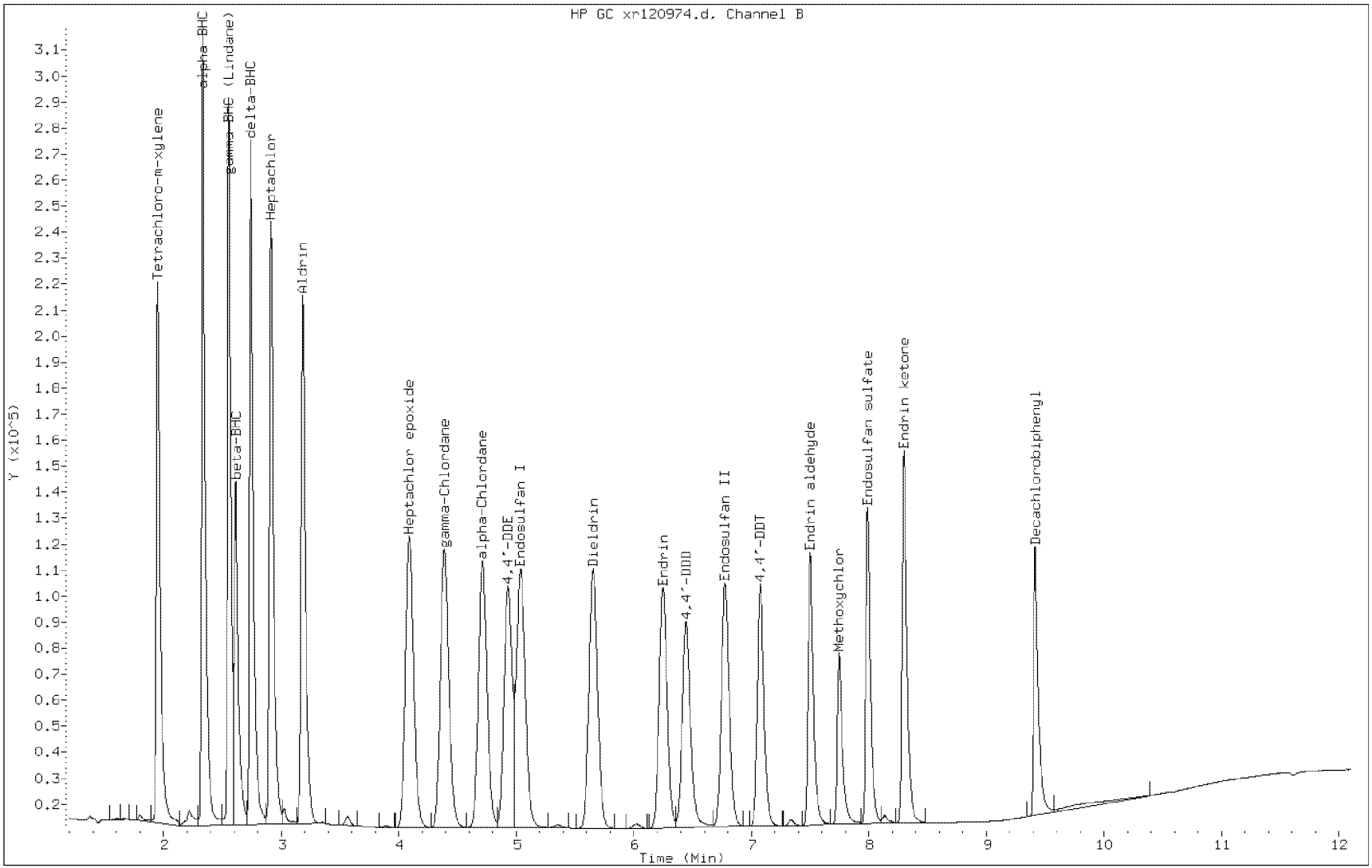
| RT | EXP RT | DLT RT | RESPONSE | AMOUNTS CAL-AMT ( ug/L) | AMOUNTS ON-COL ( ug/L) | TARGET RANGE | RATIO |
|---|---|---|---|---|---|---|---|
| $ 30 Decachlorobiphenyl(surr) | | | | | CAS #: 2051-24-3 | | |
| 9.417 | 9.417 | 0.000 | 273001 | 100.000 | 100 | 80.00- 120.00 | 100.00 |

Data File: xr120974.d

Date: 02-JUN-2011 14:19

Client ID: Instrument: PESTGC1.i

Sample Info: SGPESTL3_00009 Operator: 462



Data File: xr120975.d
Report Date: 06-Jun-2011 06:06

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC1.i/8081T/rear/Jun11/06-02-11bical/02jun11b.b/xr120975.d
Lab Smp Id: SGPESTL1_00011
Inj Date : 02-JUN-2011 14:33
Operator : 462 Inst ID: PESTGC1.i
Smp Info : SGPESTL1_00011
Misc Info :
Comment :
Method : /chem1/PESTGC1.i/8081T/rear/Jun11/06-02-11bical/02jun11b.b/09Xr8081.m
Meth Date : 06-Jun-2011 06:06 Ex. 4 CBI Quant Type: ESTD
Cal Date : 02-JUN-2011 14:33 Cal File: xr120975.d
Als bottle: 1 Calibration Sample, Level: 1
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: SCpestRANGE.sub
Target Version: 3.50 Sample Matrix: SOIL
Processing Host: hpd3

Concentration Formula: Amt * DF * Vt/(Ws*(100-M)/100) * CpndVariable

| Name | Value | Description |
|---|---|---|
| DF | 1.00000 | Dilution Factor |
| Vt | 10.00000 | Volume of final extract (uL)(1000 low, 2 |
| Ws | 15.00000 | Weight of sample extracted (g) |
| M | 0.00000 | % Moisture |

Cpnd Variable Local Compound Variable

| RT | EXP RT | DLT RT | RESPONSE | AMOUNTS CAL-AMT ( ug/L) | AMOUNTS ON-COL ( ug/L) | TARGET RANGE | RATIO |
|---|---|---|---|---|---|---|---|
| $ 28 Tetrachloro-m-xylene(surr) | | | | | CAS #: 877-09-8 | | |
| 1.953 | 1.950 | 0.003 | 120651 | 25.0000 | 26 | 80.00- 120.00 | 100.00 |
| 2 alpha-BHC | | | | | CAS #: 319-84-6 | | |
| 2.337 | 2.333 | 0.004 | 71057 | 10.0000 | 11 | 80.00- 120.00 | 100.00 |
| 5 gamma-BHC (Lindane) | | | | | CAS #: 58-89-9 | | |
| 2.557 | 2.557 | 0.000 | 58894 | 10.0000 | 11 | 80.00- 120.00 | 100.00 |
| 3 beta-BHC | | | | | CAS #: 319-85-7 | | |
| 2.617 | 2.617 | 0.000 | 33482 | 10.0000 | 11 | 80.00- 120.00 | 100.00 |
| 4 delta-BHC | | | | | CAS #: 319-86-8 | | |
| 2.747 | 2.743 | 0.004 | 57972 | 10.0000 | 10 | 80.00- 120.00 | 100.00 |

Data File: xr120975.d
Report Date: 06-Jun-2011 06:06

| RT | EXP RT | DLT RT | RESPONSE | AMOUNTS CAL-AMT ( ug/L) | AMOUNTS ON-COL ( ug/L) | TARGET RANGE | RATIO |
|---|---|---|---|---|---|---|---|
| 17 Heptachlor | | | | | CAS #: 76-44-8 | | |
| 2.917 | 2.917 | 0.000 | 56946 | 10.0000 | 11 | 80.00- 120.00 | 100.00 |
| 1 Aldrin | | | | | CAS #: 309-00-2 | | |
| 3.190 | 3.187 | 0.003 | 53270 | 10.0000 | 10 | 80.00- 120.00 | 100.00 |
| 18 Heptachlor epoxide | | | | | CAS #: 1024-57-3 | | |
| 4.097 | 4.093 | 0.004 | 57394 | 10.0000 | 11 | 80.00- 120.00 | 100.00 |
| 65 gamma-Chlordane | | | | | CAS #: 5103-74-2 | | |
| 4.393 | 4.390 | 0.003 | 57566 | 10.0000 | 11 | 80.00- 120.00 | 100.00 |
| 66 alpha-Chlordane | | | | | CAS #: 5103-71-9 | | |
| 4.713 | 4.713 | 0.000 | 49123 | 10.0000 | 10 | 80.00- 120.00 | 100.00 |
| 8 4,4'-DDE | | | | | CAS #: 72-55-9 | | |
| 4.933 | 4.930 | 0.003 | 41461 | 10.0000 | 9.8 | 80.00- 120.00 | 100.00 |
| 11 Endosulfan I | | | | | CAS #: 959-98-8 | | |
| 5.043 | 5.040 | 0.003 | 53885 | 10.0000 | 11 | 80.00- 120.00 | 100.00 |
| 10 Dieldrin | | | | | CAS #: 60-57-1 | | |
| 5.657 | 5.657 | 0.000 | 48878 | 10.0000 | 9.9 | 80.00- 120.00 | 100.00 |
| 14 Endrin | | | | | CAS #: 72-20-8 | | |
| 6.253 | 6.250 | 0.003 | 41791 | 10.0000 | 10 | 80.00- 120.00 | 100.00 |
| 7 4,4'-DDD | | | | | CAS #: 72-54-8 | | |
| 6.447 | 6.447 | 0.000 | 34520 | 10.0000 | 9.2 | 80.00- 120.00 | 100.00 |
| 12 Endosulfan II | | | | | CAS #: 33213-65-9 | | |
| 6.780 | 6.777 | 0.003 | 53711 | 10.0000 | 12 | 80.00- 120.00 | 100.00 |
| 9 4,4'-DDT | | | | | CAS #: 50-29-3 | | |
| 7.080 | 7.077 | 0.003 | 34599 | 10.0000 | 10 | 80.00- 120.00 | 100.00 |
| 15 Endrin aldehyde | | | | | CAS #: 7421-93-4 | | |
| 7.503 | 7.503 | 0.000 | 33798 | 10.0000 | 11 | 80.00- 120.00 | 100.00 |
| 19 Methoxychlor | | | | | CAS #: 72-43-5 | | |
| 7.750 | 7.750 | 0.000 | 19556 | 10.0000 | 11 | 80.00- 120.00 | 100.00 |
| 13 Endosulfan sulfate | | | | | CAS #: 1031-07-8 | | |
| 7.993 | 7.990 | 0.003 | 34849 | 10.0000 | 11 | 80.00- 120.00 | 100.00 |
| 16 Endrin ketone | | | | | CAS #: 53494-70-5 | | |
| 8.303 | 8.300 | 0.003 | 42955 | 10.0000 | 11 | 80.00- 120.00 | 100.00 |

Data File: xr120975.d
Report Date: 06-Jun-2011 06:06

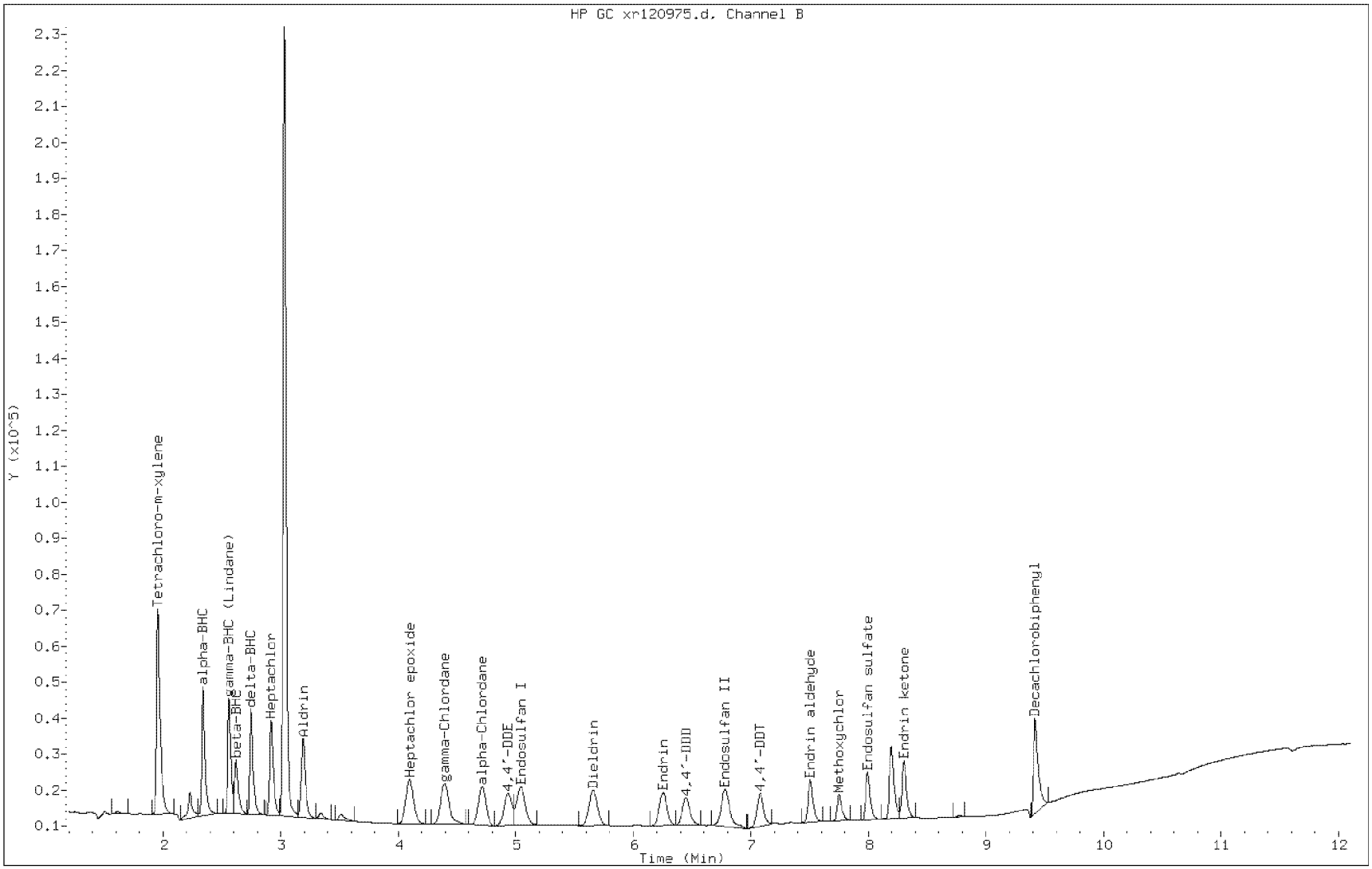
| RT | EXP RT | DLT RT | RESPONSE | AMOUNTS CAL-AMT ( ug/L) | AMOUNTS ON-COL ( ug/L) | TARGET RANGE | RATIO |
|---|---|---|---|---|---|---|---|
| $ 30 Decachlorobiphenyl(surr) | | | | | CAS #: 2051-24-3 | | |
| 9.417 | 9.417 | 0.000 | 72546 | 25.0000 | 27 | 80.00- 120.00 | 100.00 |

Data File: xr120975.d

Date: 02-JUN-2011 14:33

Client ID: Instrument: PESTGC1.i

Sample Info: SGPESTL1_00011 Operator: 462



Data File: xr120976.d
Report Date: 06-Jun-2011 06:06

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC1.i/8081T/rear/Jun11/06-02-11bical/02jun11b.b/xr120976.d
Lab Smp Id: SGPESTL2_00008
Inj Date : 02-JUN-2011 14:46
Operator : 462 Inst ID: PESTGC1.i
Smp Info : SGPESTL2_00008
Misc Info :
Comment :
Method : /chem1/PESTGC1.i/8081T/rear/Jun11/06-02-11bical/02jun11b.b/09Xr8081.m
Meth Date : 06-Jun-2011 06:06 Ex. 4 CBI Quant Type: ESTD
Cal Date : 02-JUN-2011 14:46 Cal File: xr120976.d
Als bottle: 1 Calibration Sample, Level: 2
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: SCpestRANGE.sub
Target Version: 3.50 Sample Matrix: SOIL
Processing Host: hpd3

Concentration Formula: Amt * DF * Vt/(Ws*(100-M)/100) * CpndVariable

| Name | Value | Description |
|---|---|---|
| DF | 1.00000 | Dilution Factor |
| Vt | 10.00000 | Volume of final extract (uL)(1000 low, 2 |
| Ws | 15.00000 | Weight of sample extracted (g) |
| M | 0.00000 | % Moisture |

Cpnd Variable Local Compound Variable

| RT | EXP RT | DLT RT | RESPONSE | AMOUNTS CAL-AMT ( ug/L) | AMOUNTS ON-COL ( ug/L) | TARGET RANGE | RATIO |
|---|---|---|---|---|---|---|---|
| $ 28 Tetrachloro-m-xylene(surr) | | | | | CAS #: 877-09-8 | | |
| 1.950 | 1.950 | 0.000 | 266089 | 50.0000 | 56 | 80.00- 120.00 | 100.00 |
| 2 alpha-BHC | | | | | CAS #: 319-84-6 | | |
| 2.337 | 2.333 | 0.004 | 337541 | 50.0000 | 53 | 80.00- 120.00 | 100.00 |
| 5 gamma-BHC (Lindane) | | | | | CAS #: 58-89-9 | | |
| 2.557 | 2.557 | 0.000 | 276150 | 50.0000 | 53 | 80.00- 120.00 | 100.00 |
| 3 beta-BHC | | | | | CAS #: 319-85-7 | | |
| 2.617 | 2.617 | 0.000 | 160628 | 50.0000 | 52 | 80.00- 120.00 | 100.00 |
| 4 delta-BHC | | | | | CAS #: 319-86-8 | | |
| 2.743 | 2.743 | 0.000 | 291519 | 50.0000 | 52 | 80.00- 120.00 | 100.00 |

Data File: xr120976.d
Report Date: 06-Jun-2011 06:06

| RT | EXP RT | DLT RT | RESPONSE | AMOUNTS CAL-AMT ( ug/L) | AMOUNTS ON-COL ( ug/L) | TARGET RANGE | RATIO |
|---|---|---|---|---|---|---|---|
| 17 Heptachlor | | | | | CAS #: 76-44-8 | | |
| 2.917 | 2.917 | 0.000 | 266111 | 50.0000 | 51 | 80.00- 120.00 | 100.00 |
| 1 Aldrin | | | | | CAS #: 309-00-2 | | |
| 3.187 | 3.187 | 0.000 | 253609 | 50.0000 | 50 | 80.00- 120.00 | 100.00 |
| 18 Heptachlor epoxide | | | | | CAS #: 1024-57-3 | | |
| 4.093 | 4.093 | 0.000 | 267378 | 50.0000 | 50 | 80.00- 120.00 | 100.00 |
| 65 gamma-Chlordane | | | | | CAS #: 5103-74-2 | | |
| 4.390 | 4.390 | 0.000 | 261450 | 50.0000 | 50 | 80.00- 120.00 | 100.00 |
| 66 alpha-Chlordane | | | | | CAS #: 5103-71-9 | | |
| 4.717 | 4.713 | 0.004 | 251790 | 50.0000 | 51 | 80.00- 120.00 | 100.00 |
| 8 4,4'-DDE | | | | | CAS #: 72-55-9 | | |
| 4.933 | 4.930 | 0.003 | 206738 | 50.0000 | 49 | 80.00- 120.00 | 100.00 |
| 11 Endosulfan I | | | | | CAS #: 959-98-8 | | |
| 5.040 | 5.040 | 0.000 | 248992 | 50.0000 | 49 | 80.00- 120.00 | 100.00 |
| 10 Dieldrin | | | | | CAS #: 60-57-1 | | |
| 5.657 | 5.657 | 0.000 | 242927 | 50.0000 | 49 | 80.00- 120.00 | 100.00 |
| 14 Endrin | | | | | CAS #: 72-20-8 | | |
| 6.250 | 6.250 | 0.000 | 205574 | 50.0000 | 49 | 80.00- 120.00 | 100.00 |
| 7 4,4'-DDD | | | | | CAS #: 72-54-8 | | |
| 6.447 | 6.447 | 0.000 | 181826 | 50.0000 | 48 | 80.00- 120.00 | 100.00 |
| 12 Endosulfan II | | | | | CAS #: 33213-65-9 | | |
| 6.780 | 6.777 | 0.003 | 210004 | 50.0000 | 48 | 80.00- 120.00 | 100.00 |
| 9 4,4'-DDT | | | | | CAS #: 50-29-3 | | |
| 7.080 | 7.077 | 0.003 | 161024 | 50.0000 | 47 | 80.00- 120.00 | 100.00 |
| 15 Endrin aldehyde | | | | | CAS #: 7421-93-4 | | |
| 7.503 | 7.503 | 0.000 | 157377 | 50.0000 | 50 | 80.00- 120.00 | 100.00 |
| 19 Methoxychlor | | | | | CAS #: 72-43-5 | | |
| 7.750 | 7.750 | 0.000 | 88258 | 50.0000 | 48 | 80.00- 120.00 | 100.00 |
| 13 Endosulfan sulfate | | | | | CAS #: 1031-07-8 | | |
| 7.990 | 7.990 | 0.000 | 160711 | 50.0000 | 50 | 80.00- 120.00 | 100.00 |
| 16 Endrin ketone | | | | | CAS #: 53494-70-5 | | |
| 8.300 | 8.300 | 0.000 | 197585 | 50.0000 | 50 | 80.00- 120.00 | 100.00 |

Data File: xr120976.d
Report Date: 06-Jun-2011 06:06

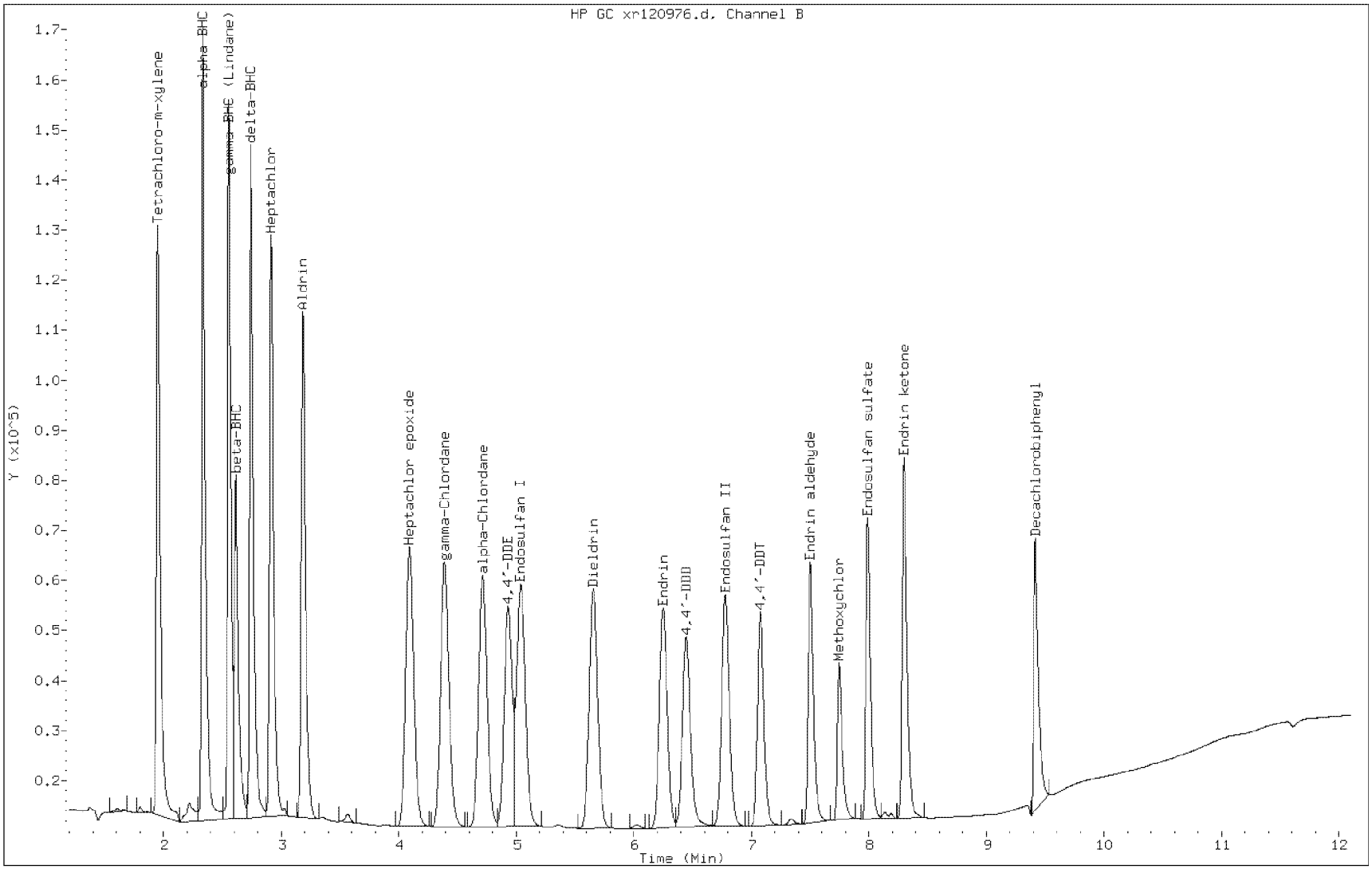
| RT | EXP RT | DLT RT | RESPONSE | AMOUNTS CAL-AMT ( ug/L) | AMOUNTS ON-COL ( ug/L) | TARGET RANGE | RATIO |
|---|---|---|---|---|---|---|---|
| $ 30 Decachlorobiphenyl(surr) | | | | | CAS #: 2051-24-3 | | |
| 9.417 | 9.417 | 0.000 | 143098 | 50.0000 | 53 | 80.00- 120.00 | 100.00 |

Data File: xr120976.d

Date: 02-JUN-2011 14:46

Client ID: Instrument: PESTGC1.i

Sample Info: SGPESTL2_00008 Operator: 462



Data File: xr120977.d
Report Date: 06-Jun-2011 06:07

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC1.i/8081T/rear/Jun11/06-02-11bical/02jun11b.b/xr120977.d
Lab Smp Id: SGPESTL4_00008
Inj Date : 02-JUN-2011 15:00
Operator : 462 Inst ID: PESTGC1.i
Smp Info : SGPESTL4_00008
Misc Info :
Comment :
Method : /chem1/PESTGC1.i/8081T/rear/Jun11/06-02-11bical/02jun11b.b/09Xr8081.m
Meth Date : 06-Jun-2011 06:07 Ex. 4 CBI Quant Type: ESTD
Cal Date : 02-JUN-2011 15:00 Cal File: xr120977.d
Als bottle: 1 Calibration Sample, Level: 4
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: SCpestRANGE.sub
Target Version: 3.50 Sample Matrix: SOIL
Processing Host: hpd3

Concentration Formula: Amt * DF * Vt/(Ws*(100-M)/100) * CpndVariable

| Name | Value | Description |
|---|---|---|
| DF | 1.00000 | Dilution Factor |
| Vt | 10.00000 | Volume of final extract (uL)(1000 low, 2 |
| Ws | 15.00000 | Weight of sample extracted (g) |
| M | 0.00000 | % Moisture |

Cpnd Variable Local Compound Variable

| RT | EXP RT | DLT RT | RESPONSE | AMOUNTS CAL-AMT ( ug/L) | AMOUNTS ON-COL ( ug/L) | TARGET RANGE | RATIO |
|---|---|---|---|---|---|---|---|
| $ 28 Tetrachloro-m-xylene(surr) | | | | | CAS #: 877-09-8 | | |
| 1.953 | 1.950 | 0.003 | 657632 | 150.000 | 140 | 80.00- 120.00 | 100.00 |
| 2 alpha-BHC | | | | | CAS #: 319-84-6 | | |
| 2.337 | 2.333 | 0.004 | 1475170 | 250.000 | 230 | 80.00- 120.00 | 100.00 |
| 5 gamma-BHC (Lindane) | | | | | CAS #: 58-89-9 | | |
| 2.557 | 2.557 | 0.000 | 1210032 | 250.000 | 230 | 80.00- 120.00 | 100.00 |
| 3 beta-BHC | | | | | CAS #: 319-85-7 | | |
| 2.617 | 2.617 | 0.000 | 716269 | 250.000 | 230 | 80.00- 120.00 | 100.00 |
| 4 delta-BHC | | | | | CAS #: 319-86-8 | | |
| 2.743 | 2.743 | 0.000 | 1342182 | 250.000 | 240 | 80.00- 120.00 | 100.00 |

Data File: xr120977.d
Report Date: 06-Jun-2011 06:07

| RT | EXP RT | DLT RT | RESPONSE | AMOUNTS CAL-AMT ( ug/L) | AMOUNTS ON-COL ( ug/L) | TARGET RANGE | RATIO |
|---|---|---|---|---|---|---|---|
| 17 Heptachlor | | | | | CAS #: 76-44-8 | | |
| 2.917 | 2.917 | 0.000 | 1250623 | 250.000 | 240 | 80.00- 120.00 | 100.00 |
| 1 Aldrin | | | | | CAS #: 309-00-2 | | |
| 3.187 | 3.187 | 0.000 | 1223621 | 250.000 | 240 | 80.00- 120.00 | 100.00 |
| 18 Heptachlor epoxide | | | | | CAS #: 1024-57-3 | | |
| 4.093 | 4.093 | 0.000 | 1270497 | 250.000 | 240 | 80.00- 120.00 | 100.00 |
| 65 gamma-Chlordane | | | | | CAS #: 5103-74-2 | | |
| 4.390 | 4.390 | 0.000 | 1267192 | 250.000 | 240 | 80.00- 120.00 | 100.00 |
| 66 alpha-Chlordane | | | | | CAS #: 5103-71-9 | | |
| 4.717 | 4.713 | 0.004 | 1214099 | 250.000 | 250 | 80.00- 120.00 | 100.00 |
| 8 4,4'-DDE | | | | | CAS #: 72-55-9 | | |
| 4.933 | 4.930 | 0.003 | 1080551 | 250.000 | 260 | 80.00- 120.00 | 100.00 |
| 11 Endosulfan I | | | | | CAS #: 959-98-8 | | |
| 5.040 | 5.040 | 0.000 | 1235412 | 250.000 | 240 | 80.00- 120.00 | 100.00 |
| 10 Dieldrin | | | | | CAS #: 60-57-1 | | |
| 5.657 | 5.657 | 0.000 | 1236050 | 250.000 | 250 | 80.00- 120.00 | 100.00 |
| 14 Endrin | | | | | CAS #: 72-20-8 | | |
| 6.250 | 6.250 | 0.000 | 1052703 | 250.000 | 250 | 80.00- 120.00 | 100.00 |
| 7 4,4'-DDD | | | | | CAS #: 72-54-8 | | |
| 6.447 | 6.447 | 0.000 | 982265 | 250.000 | 260 | 80.00- 120.00 | 100.00 |
| 12 Endosulfan II | | | | | CAS #: 33213-65-9 | | |
| 6.777 | 6.777 | 0.000 | 1044770 | 250.000 | 240 | 80.00- 120.00 | 100.00 |
| 9 4,4'-DDT | | | | | CAS #: 50-29-3 | | |
| 7.080 | 7.077 | 0.003 | 874887 | 250.000 | 250 | 80.00- 120.00 | 100.00 |
| 15 Endrin aldehyde | | | | | CAS #: 7421-93-4 | | |
| 7.503 | 7.503 | 0.000 | 752652 | 250.000 | 240 | 80.00- 120.00 | 100.00 |
| 19 Methoxychlor | | | | | CAS #: 72-43-5 | | |
| 7.747 | 7.750 | -0.003 | 453600 | 250.000 | 250 | 80.00- 120.00 | 100.00 |
| 13 Endosulfan sulfate | | | | | CAS #: 1031-07-8 | | |
| 7.990 | 7.990 | 0.000 | 786610 | 250.000 | 240 | 80.00- 120.00 | 100.00 |
| 16 Endrin ketone | | | | | CAS #: 53494-70-5 | | |
| 8.300 | 8.300 | 0.000 | 945843 | 250.000 | 240 | 80.00- 120.00 | 100.00 |

Data File: xr120977.d
Report Date: 06-Jun-2011 06:07

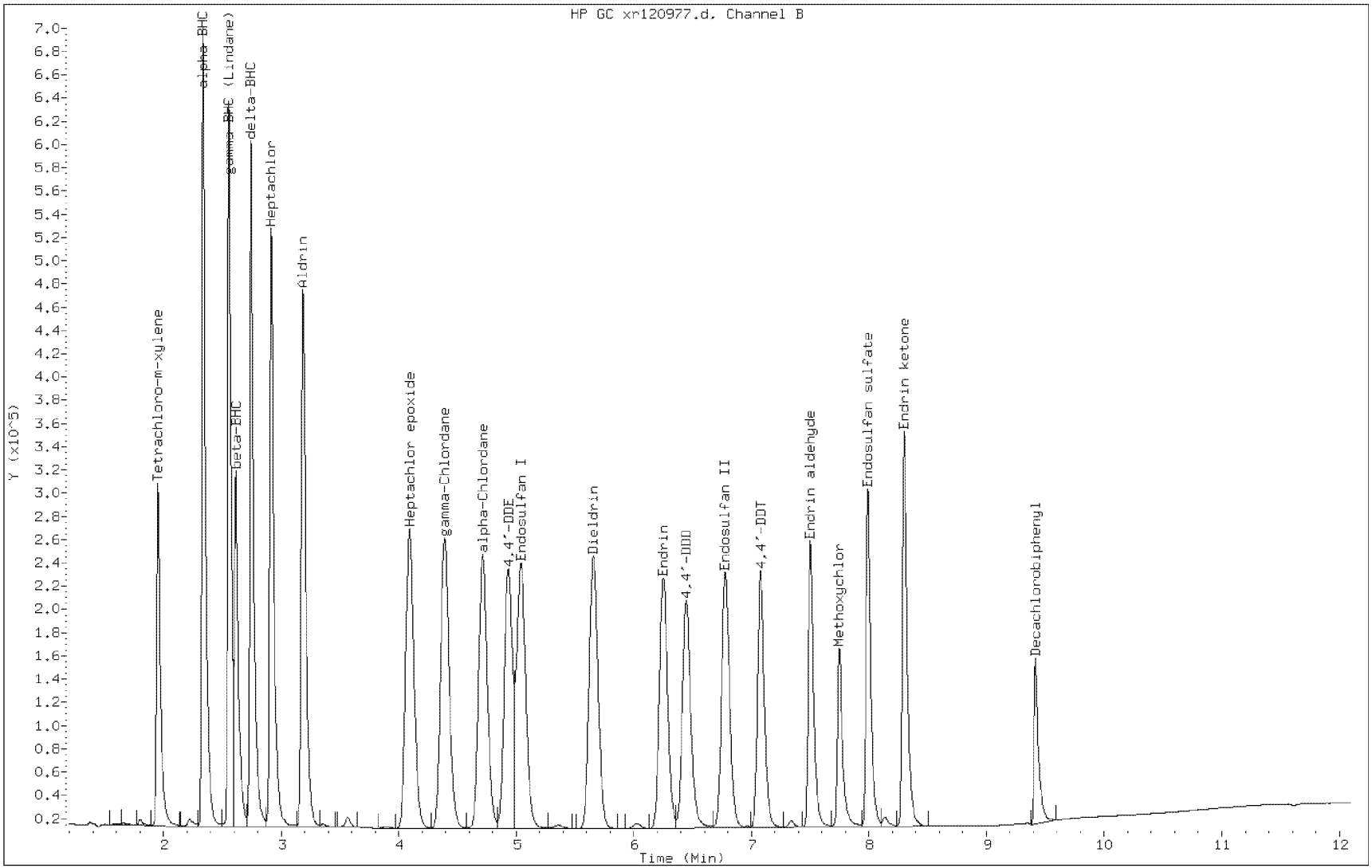
| RT | EXP RT | DLT RT | RESPONSE | AMOUNTS CAL-AMT ( ug/L) | AMOUNTS ON-COL ( ug/L) | TARGET RANGE | RATIO |
|---|---|---|---|---|---|---|---|
| $ 30 Decachlorobiphenyl(surr) | | | | | CAS #: 2051-24-3 | | |
| 9.417 | 9.417 | 0.000 | 371984 | 150.000 | 140 | 80.00- 120.00 | 100.00 |

Data File: xr120977.d

Date: 02-JUN-2011 15:00

Client ID: Instrument: PESTGC1.i

Sample Info: SGPESTL4_00008 Operator: 462



Data File: xr120978.d
Report Date: 06-Jun-2011 06:07

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC1.i/8081T/rear/Jun11/06-02-11bical/02jun11b.b/xr120978.d
Lab Smp Id: SGPESTL5_00008
Inj Date : 02-JUN-2011 15:14
Operator : 462 Inst ID: PESTGC1.i
Smp Info : SGPESTL5_00008
Misc Info :
Comment :
Method : /chem1/PESTGC1.i/8081T/rear/Jun11/06-02-11bical/02jun11b.b/09Xr8081.m
Meth Date : 06-Jun-2011 06:07 Ex. 4 CBI Quant Type: ESTD
Cal Date : 02-JUN-2011 15:14 Cal File: xr120978.d
Als bottle: 1 Calibration Sample, Level: 5
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: SCpestRANGE.sub
Target Version: 3.50 Sample Matrix: SOIL
Processing Host: hpd3

Concentration Formula: Amt * DF * Vt/(Ws*(100-M)/100) * CpndVariable

| Name | Value | Description |
|---|---|---|
| DF | 1.00000 | Dilution Factor |
| Vt | 10.00000 | Volume of final extract (uL)(1000 low, 2 |
| Ws | 15.00000 | Weight of sample extracted (g) |
| M | 0.00000 | % Moisture |

Cpnd Variable Local Compound Variable

| RT | EXP RT | DLT RT | RESPONSE | AMOUNTS CAL-AMT ( ug/L) | AMOUNTS ON-COL ( ug/L) | TARGET RANGE | RATIO |
|---|---|---|---|---|---|---|---|
| $ 28 Tetrachloro-m-xylene(surr) | | | | | CAS #: 877-09-8 | | |
| 1.950 | 1.950 | 0.000 | 860104 | 200.000 | 180 | 80.00- 120.00 | 100.00 |
| 2 alpha-BHC | | | | | CAS #: 319-84-6 | | |
| 2.333 | 2.333 | 0.000 | 2774299 | 500.000 | 440 | 80.00- 120.00 | 100.00 |
| 5 gamma-BHC (Lindane) | | | | | CAS #: 58-89-9 | | |
| 2.557 | 2.557 | 0.000 | 2240926 | 500.000 | 430 | 80.00- 120.00 | 100.00 |
| 3 beta-BHC | | | | | CAS #: 319-85-7 | | |
| 2.613 | 2.617 | -0.004 | 1356209 | 500.000 | 440 | 80.00- 120.00 | 100.00 |
| 4 delta-BHC | | | | | CAS #: 319-86-8 | | |
| 2.743 | 2.743 | 0.000 | 2525376 | 500.000 | 450 | 80.00- 120.00 | 100.00 |

Data File: xr120978.d
Report Date: 06-Jun-2011 06:07

| RT | EXP RT | DLT RT | RESPONSE | AMOUNTS CAL-AMT ( ug/L) | AMOUNTS ON-COL ( ug/L) | TARGET RANGE | RATIO |
|---|---|---|---|---|---|---|---|
| 17 Heptachlor | | | | | CAS #: 76-44-8 | | |
| 2.917 | 2.917 | 0.000 | 2322805 | 500.000 | 440 | 80.00- 120.00 | 100.00 |
| 1 Aldrin | | | | | CAS #: 309-00-2 | | |
| 3.187 | 3.187 | 0.000 | 2304766 | 500.000 | 460 | 80.00- 120.00 | 100.00 |
| 18 Heptachlor epoxide | | | | | CAS #: 1024-57-3 | | |
| 4.090 | 4.093 | -0.003 | 2395763 | 500.000 | 450 | 80.00- 120.00 | 100.00 |
| 65 gamma-Chlordane | | | | | CAS #: 5103-74-2 | | |
| 4.390 | 4.390 | 0.000 | 2423933 | 500.000 | 460 | 80.00- 120.00 | 100.00 |
| 66 alpha-Chlordane | | | | | CAS #: 5103-71-9 | | |
| 4.713 | 4.713 | 0.000 | 2304874 | 500.000 | 470 | 80.00- 120.00 | 100.00 |
| 8 4,4'-DDE | | | | | CAS #: 72-55-9 | | |
| 4.930 | 4.930 | 0.000 | 2076040 | 500.000 | 490 | 80.00- 120.00 | 100.00 |
| 11 Endosulfan I | | | | | CAS #: 959-98-8 | | |
| 5.037 | 5.040 | -0.003 | 2346553 | 500.000 | 460 | 80.00- 120.00 | 100.00 |
| 10 Dieldrin | | | | | CAS #: 60-57-1 | | |
| 5.653 | 5.657 | -0.004 | 2379625 | 500.000 | 480 | 80.00- 120.00 | 100.00 |
| 14 Endrin | | | | | CAS #: 72-20-8 | | |
| 6.250 | 6.250 | 0.000 | 2017847 | 500.000 | 480 | 80.00- 120.00 | 100.00 |
| 7 4,4'-DDD | | | | | CAS #: 72-54-8 | | |
| 6.443 | 6.447 | -0.004 | 1901656 | 500.000 | 510 | 80.00- 120.00 | 100.00(A) |
| 12 Endosulfan II | | | | | CAS #: 33213-65-9 | | |
| 6.777 | 6.777 | 0.000 | 1991256 | 500.000 | 450 | 80.00- 120.00 | 100.00 |
| 9 4,4'-DDT | | | | | CAS #: 50-29-3 | | |
| 7.077 | 7.077 | 0.000 | 1727622 | 500.000 | 500 | 80.00- 120.00 | 100.00(A) |
| 15 Endrin aldehyde | | | | | CAS #: 7421-93-4 | | |
| 7.500 | 7.503 | -0.003 | 1438326 | 500.000 | 460 | 80.00- 120.00 | 100.00 |
| 19 Methoxychlor | | | | | CAS #: 72-43-5 | | |
| 7.747 | 7.750 | -0.003 | 868701 | 500.000 | 470 | 80.00- 120.00 | 100.00 |
| 13 Endosulfan sulfate | | | | | CAS #: 1031-07-8 | | |
| 7.990 | 7.990 | 0.000 | 1511618 | 500.000 | 470 | 80.00- 120.00 | 100.00 |
| 16 Endrin ketone | | | | | CAS #: 53494-70-5 | | |
| 8.300 | 8.300 | 0.000 | 1805513 | 500.000 | 460 | 80.00- 120.00 | 100.00 |

Data File: xr120978.d
Report Date: 06-Jun-2011 06:07

| RT | EXP RT | DLT RT | RESPONSE | AMOUNTS CAL-AMT ( ug/L) | AMOUNTS ON-COL ( ug/L) | TARGET RANGE | RATIO |
|---|---|---|---|---|---|---|---|
| $ 30 Decachlorobiphenyl(surr) | | | | | CAS #: 2051-24-3 | | |
| 9.413 | 9.417 | -0.004 | 489568 | 200.000 | 180 | 80.00- 120.00 | 100.00 |

QC Flag Legend

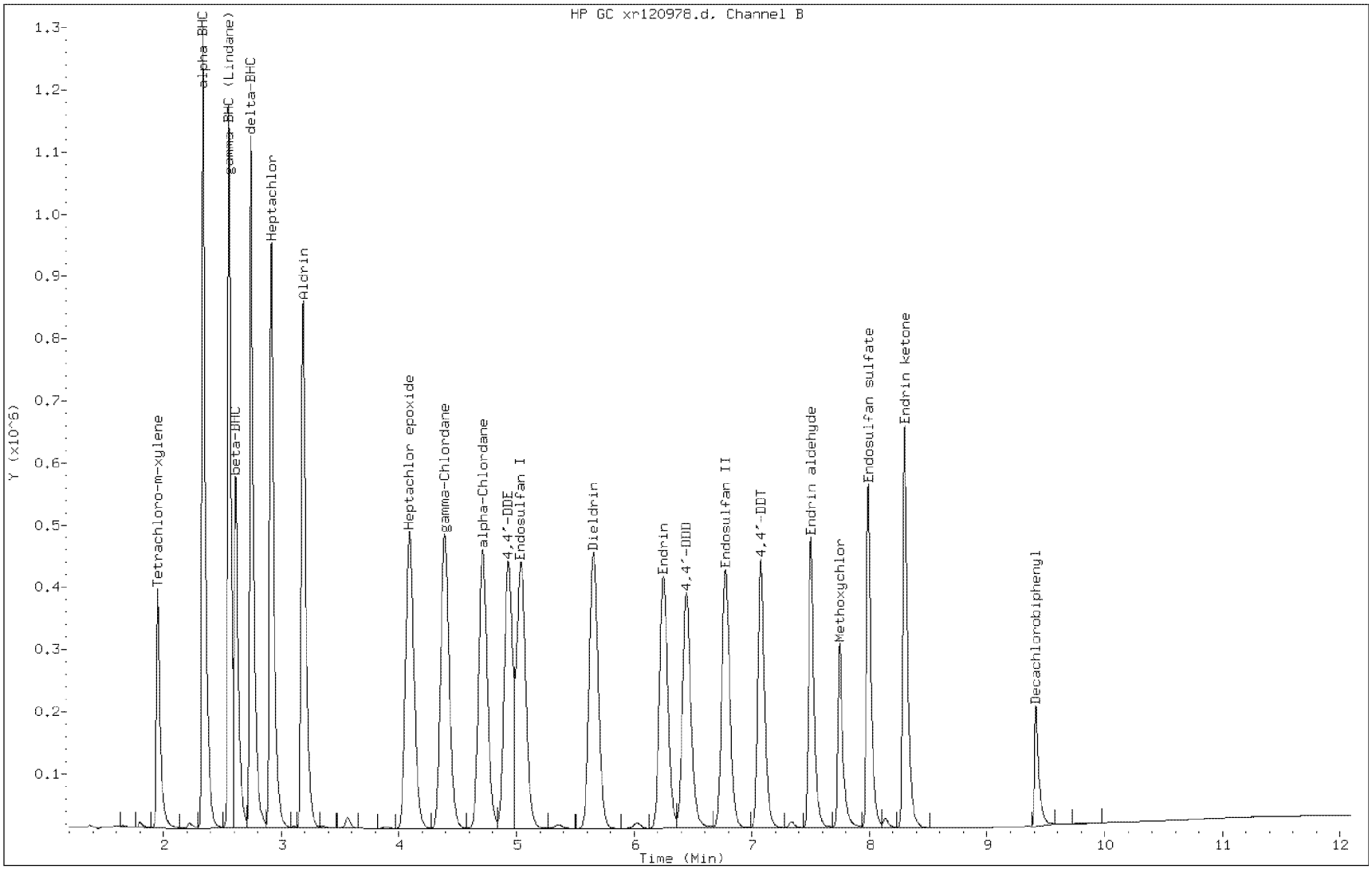
A - Target compound detected but, quantitated amount exceeded maximum amount.

Data File: xr120978.d

Date: 02-JUN-2011 15:14

Client ID: Instrument: PESTGC1.i

Sample Info: SGPESTL5_00008 Operator: 462



FORM VI
GC SEMI VOA INITIAL CALIBRATION DATA
EXTERNAL STANDARD RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-27128-1 Analy Batch No.: 75718

SDG No.:

Instrument ID: PESTGC1 GC Column: CLP-2 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 06/02/2011 15:42 Calibration End Date: 06/02/2011 15:42 Calibration ID: 11118

Calibration Files:

| LEVEL: | LAB SAMPLE ID: | LAB FILE ID: |
|---|---|---|
| Level 1 | IC 460-75718/11 | xf120980.d |

| ANALYTE | LVL 1 | | | | | | | | | | RT WINDOW | AVG RT |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Toxaphene Peak 1 | 8.307 | | | | | | | | | | 8.237 - 8.377 | 8.307 |
| Toxaphene Peak 2 | 8.610 | | | | | | | | | | 8.540 - 8.680 | 8.610 |
| Toxaphene Peak 3 | 8.713 | | | | | | | | | | 8.643 - 8.783 | 8.713 |
| Toxaphene Peak 4 | 8.923 | | | | | | | | | | 8.853 - 8.993 | 8.923 |
| Toxaphene Peak 5 | 9.217 | | | | | | | | | | 9.147 - 9.287 | 9.217 |
| Toxaphene Peak 6 | 9.277 | | | | | | | | | | 9.207 - 9.347 | 9.277 |
| Toxaphene Peak 7 | 9.577 | | | | | | | | | | 9.507 - 9.647 | 9.577 |
| Toxaphene Peak 8 | 9.707 | | | | | | | | | | 9.637 - 9.777 | 9.707 |

FORM VI
GC SEMI VOA INITIAL CALIBRATION DATA
EXTERNAL STANDARD CURVE EVALUTION

Lab Name: TestAmerica Edison Job No.: 460-27128-1 Analy Batch No.: 75718

SDG No.:

Instrument ID: PESTGC1 GC Column: CLP-2 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 06/02/2011 15:42 Calibration End Date: 06/02/2011 15:42 Calibration ID: 11118

Calibration Files:

| LEVEL: | LAB SAMPLE ID: | LAB FILE ID: |
|---|---|---|
| Level 1 | IC 460-75718/11 | xf120980.d |

| ANALYTE | CF | | | | CURVE TYPE | COEFFICIENT | | | # | MIN CF | %RSD | # | MAX %RSD | R^2 OR COD | # | MIN R^2 OR COD |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | LVL 1 | | | | | B | M1 | M2 | | | | | | | | |
| Toxaphene Peak 1 | 189.43 | | | | Ave | | 189.431000 | | | | | | 20.0 | | | |
| Toxaphene Peak 2 | 174.74 | | | | Ave | | 174.744000 | | | | | | 20.0 | | | |
| Toxaphene Peak 3 | 154.71 | | | | Ave | | 154.709000 | | | | | | 20.0 | | | |
| Toxaphene Peak 4 | 100.07 | | | | Ave | | 100.067000 | | | | | | 20.0 | | | |
| Toxaphene Peak 5 | 145.28 | | | | Ave | | 145.276000 | | | | | | 20.0 | | | |
| Toxaphene Peak 6 | 252.03 | | | | Ave | | 252.032000 | | | | | | 20.0 | | | |
| Toxaphene Peak 7 | 79.004 | | | | Ave | | 79.0040000 | | | | | | 20.0 | | | |
| Toxaphene Peak 8 | 85.674 | | | | Ave | | 85.6740000 | | | | | | 20.0 | | | |

Note: The m1 coefficient is the same as Ave CF for an Ave curve type.

FORM VI
GC SEMI VOA INITIAL CALIBRATION DATA
EXTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Edison Job No.: 460-27128-1 Analy Batch No.: 75718

SDG No.:

Instrument ID: PESTGC1 GC Column: CLP-2 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 06/02/2011 15:42 Calibration End Date: 06/02/2011 15:42 Calibration ID: 11118

Calibration Files:

| LEVEL: | LAB SAMPLE ID: | LAB FILE ID: |
|---|---|---|
| Level 1 | IC 460-75718/11 | xf120980.d |

| ANALYTE | CURVE TYPE | RESPONSE | | | | | CONCENTRATION (UG/L) | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | LVL 1 | | | | | LVL 1 | | | | |
| Toxaphene Peak 1 | Ave | 189431 | | | | | 1000 | | | | |
| Toxaphene Peak 2 | Ave | 174744 | | | | | 1000 | | | | |
| Toxaphene Peak 3 | Ave | 154709 | | | | | 1000 | | | | |
| Toxaphene Peak 4 | Ave | 100067 | | | | | 1000 | | | | |
| Toxaphene Peak 5 | Ave | 145276 | | | | | 1000 | | | | |
| Toxaphene Peak 6 | Ave | 252032 | | | | | 1000 | | | | |
| Toxaphene Peak 7 | Ave | 79004 | | | | | 1000 | | | | |
| Toxaphene Peak 8 | Ave | 85674 | | | | | 1000 | | | | |

Curve Type Legend:
Ave = Average

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC1.i/8081T/front/Jun11/06-02-11bical/02jun11b.b/xf120980.d
Lab Smp Id: SGTOX_00010
Inj Date : 02-JUN-2011 15:42
Operator : 462 Inst ID: PESTGC1.i
Smp Info : SGTOX_00010
Misc Info :
Comment :
Method : /chem1/PESTGC1.i/8081T/front/Jun11/06-02-11bical/02jun11b.b/09Xf8081.m
Meth Date : 06-Jun-2011 06:07 Ex. 4 CBI Quant Type: ESTD
Cal Date : 02-JUN-2011 15:42 Cal File: xf120980.d
Als bottle: 1 Calibration Sample, Level: 3
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: TOXAPH0.sub
Target Version: 3.50 Sample Matrix: SOIL
Processing Host: hpd3

Concentration Formula: Amt * DF * Vt/(Ws*(100-M)/100) * CpndVariable

| Name | Value | Description |
|---|---|---|
| DF | 1.00000 | Dilution Factor |
| Vt | 10.00000 | Volume of final extract (uL)(1000 low, 2 |
| Ws | 15.00000 | Weight of sample extracted (g) |
| M | 0.00000 | % Moisture |

Cpnd Variable Local Compound Variable

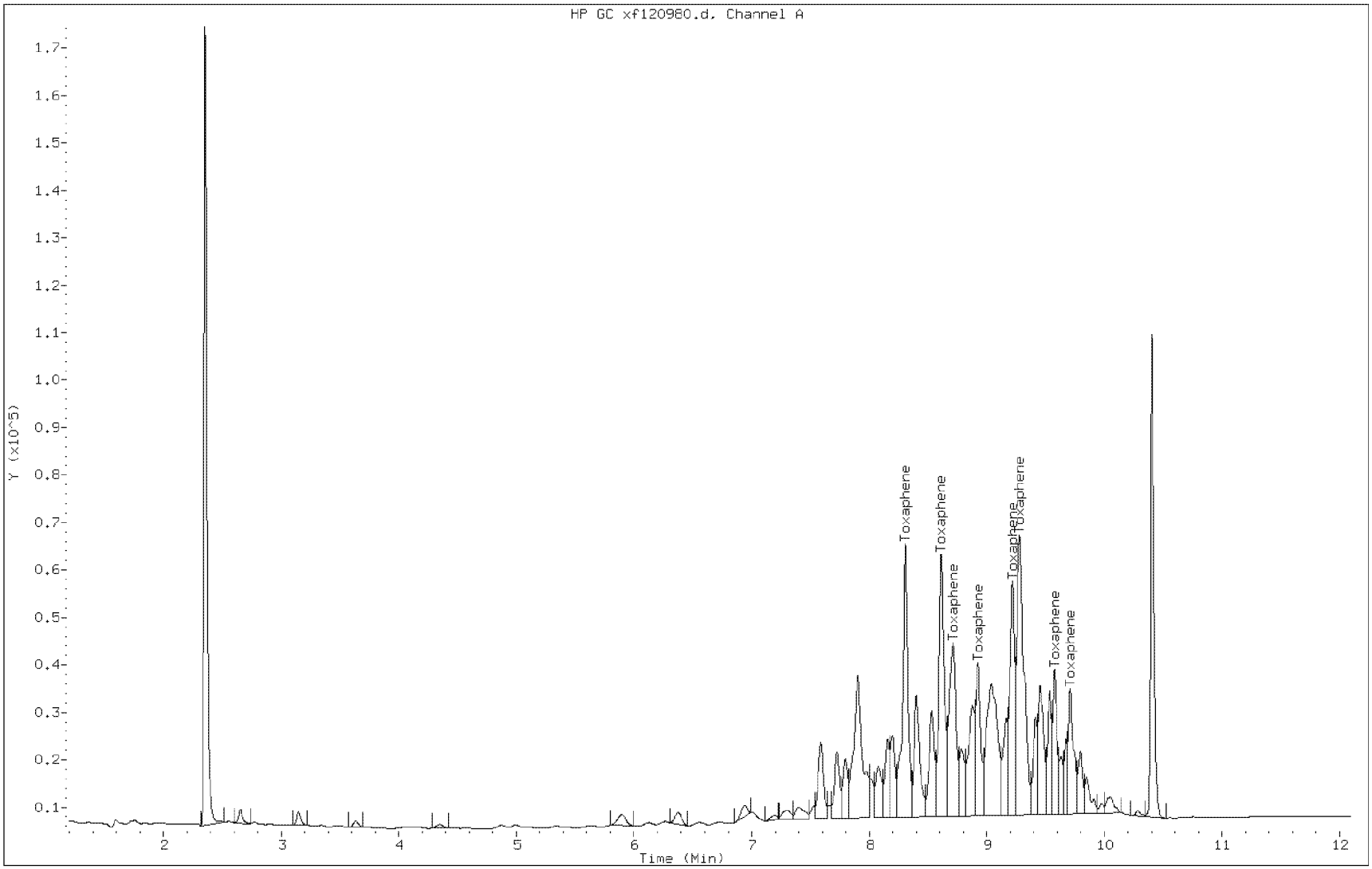
| RT | EXP RT | DLT RT | RESPONSE | AMOUNTS CAL-AMT ( ug/L) | AMOUNTS ON-COL ( ug/L) | TARGET RANGE | RATIO |
|---|---|---|---|---|---|---|---|
| 20 Toxaphene | | | | | CAS #: 8001-35-2 | | |
| 8.307 | 8.307 | 0.000 | 189431 | 1000.00 | 1000 | 80.00- 120.00 | 100.00 |
| 8.610 | 8.610 | 0.000 | 174744 | 1000.00 | 1000 | 73.80- 110.70 | 92.25 |
| 8.713 | 8.713 | 0.000 | 154709 | 1000.00 | 1000 | 65.34- 98.00 | 81.67 |
| 8.923 | 8.923 | 0.000 | 100067 | 1000.00 | 1000 | 42.26- 63.39 | 52.83 |
| 9.217 | 9.217 | 0.000 | 145276 | 1000.00 | 1000 | 61.35- 92.03 | 76.69 |
| 9.277 | 9.277 | 0.000 | 252032 | 1000.00 | 1000 | 106.44- 159.66 | 133.05 |
| 9.577 | 9.577 | 0.000 | 79004 | 1000.00 | 1000 | 33.36- 50.05 | 41.71 |
| 9.707 | 9.707 | 0.000 | 85674 | 1000.00 | 1000 | 36.18- 54.27 | 45.23 |
| | | Average of Peak Amounts = | | | 1e+03 | | |

Data File: xf120980.d

Date: 02-JUN-2011 15:42

Client ID: Instrument: PESTGC1.i

Sample Info: SGTOX_00010 Operator: 462



FORM VI
GC SEMI VOA INITIAL CALIBRATION DATA
EXTERNAL STANDARD RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-27128-1 Analy Batch No.: 75718

SDG No.:

Instrument ID: PESTGC1 GC Column: CLP-1 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 06/02/2011 15:42 Calibration End Date: 06/02/2011 15:42 Calibration ID: 11119

Calibration Files:

| LEVEL: | LAB SAMPLE ID: | LAB FILE ID: |
|---|---|---|
| Level 1 | IC 460-75718/11 | xr120980.d |

| ANALYTE | LVL 1 | | | | | | | | | | RT WINDOW | AVG RT |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Toxaphene Peak 1 | 6.930 | | | | | | | | | | 6.860 - 7.000 | 6.930 |
| Toxaphene Peak 2 | 7.040 | | | | | | | | | | 6.970 - 7.110 | 7.040 |
| Toxaphene Peak 3 | 7.480 | | | | | | | | | | 7.410 - 7.550 | 7.480 |
| Toxaphene Peak 4 | 7.670 | | | | | | | | | | 7.600 - 7.740 | 7.670 |
| Toxaphene Peak 5 | 7.890 | | | | | | | | | | 7.820 - 7.960 | 7.890 |
| Toxaphene Peak 6 | 7.957 | | | | | | | | | | 7.887 - 8.027 | 7.957 |
| Toxaphene Peak 7 | 8.287 | | | | | | | | | | 8.217 - 8.357 | 8.287 |
| Toxaphene Peak 8 | 8.457 | | | | | | | | | | 8.387 - 8.527 | 8.457 |

FORM VI
GC SEMI VOA INITIAL CALIBRATION DATA
EXTERNAL STANDARD CURVE EVALUTION

Lab Name: TestAmerica Edison Job No.: 460-27128-1 Analy Batch No.: 75718

SDG No.:

Instrument ID: PESTGC1 GC Column: CLP-1 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 06/02/2011 15:42 Calibration End Date: 06/02/2011 15:42 Calibration ID: 11119

Calibration Files:

| LEVEL: | LAB SAMPLE ID: | LAB FILE ID: |
|---|---|---|
| Level 1 | IC 460-75718/11 | xr120980.d |

| ANALYTE | CF | | | | CURVE TYPE | COEFFICIENT | | | # | MIN CF | %RSD | # | MAX %RSD | R^2 OR COD | # | MIN R^2 OR COD |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | LVL 1 | | | | | B | M1 | M2 | | | | | | | | |
| Toxaphene Peak 1 | 166.08 | | | | Ave | | 166.077000 | | | | | | 20.0 | | | |
| Toxaphene Peak 2 | 161.06 | | | | Ave | | 161.060000 | | | | | | 20.0 | | | |
| Toxaphene Peak 3 | 212.75 | | | | Ave | | 212.753000 | | | | | | 20.0 | | | |
| Toxaphene Peak 4 | 228.60 | | | | Ave | | 228.603000 | | | | | | 20.0 | | | |
| Toxaphene Peak 5 | 181.00 | | | | Ave | | 180.999000 | | | | | | 20.0 | | | |
| Toxaphene Peak 6 | 332.93 | | | | Ave | | 332.931000 | | | | | | 20.0 | | | |
| Toxaphene Peak 7 | 132.62 | | | | Ave | | 132.622000 | | | | | | 20.0 | | | |
| Toxaphene Peak 8 | 82.179 | | | | Ave | | 82.1790000 | | | | | | 20.0 | | | |

Note: The m1 coefficient is the same as Ave CF for an Ave curve type.

FORM VI
GC SEMI VOA INITIAL CALIBRATION DATA
EXTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Edison Job No.: 460-27128-1 Analy Batch No.: 75718

SDG No.:

Instrument ID: PESTGC1 GC Column: CLP-1 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 06/02/2011 15:42 Calibration End Date: 06/02/2011 15:42 Calibration ID: 11119

Calibration Files:

| LEVEL: | LAB SAMPLE ID: | LAB FILE ID: |
|---|---|---|
| Level 1 | IC 460-75718/11 | xr120980.d |

| ANALYTE | CURVE TYPE | RESPONSE | | | | | CONCENTRATION (UG/L) | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | LVL 1 | | | | | LVL 1 | | | | |
| Toxaphene Peak 1 | Ave | 166077 | | | | | 1000 | | | | |
| Toxaphene Peak 2 | Ave | 161060 | | | | | 1000 | | | | |
| Toxaphene Peak 3 | Ave | 212753 | | | | | 1000 | | | | |
| Toxaphene Peak 4 | Ave | 228603 | | | | | 1000 | | | | |
| Toxaphene Peak 5 | Ave | 180999 | | | | | 1000 | | | | |
| Toxaphene Peak 6 | Ave | 332931 | | | | | 1000 | | | | |
| Toxaphene Peak 7 | Ave | 132622 | | | | | 1000 | | | | |
| Toxaphene Peak 8 | Ave | 82179 | | | | | 1000 | | | | |

Curve Type Legend:
Ave = Average

Data File: xr120980.d
Report Date: 06-Jun-2011 06:07

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC1.i/8081T/rear/Jun11/06-02-11bical/02jun11b.b/xr120980.d
Lab Smp Id: SGTOX_00010
Inj Date : 02-JUN-2011 15:42
Operator : 462 Inst ID: PESTGC1.i
Smp Info : SGTOX_00010
Misc Info :
Comment :
Method : /chem1/PESTGC1.i/8081T/rear/Jun11/06-02-11bical/02jun11b.b/09Xr8081.m
Meth Date : 06-Jun-2011 06:07 Ex. 4 CBI Quant Type: ESTD
Cal Date : 02-JUN-2011 15:42 Cal File: xr120980.d
Als bottle: 1 Calibration Sample, Level: 3
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: TOXAPH0.sub
Target Version: 3.50 Sample Matrix: SOIL
Processing Host: hpd3

Concentration Formula: Amt * DF * Vt/(Ws*(100-M)/100) * CpndVariable

| Name | Value | Description |
|---|---|---|
| DF | 1.00000 | Dilution Factor |
| Vt | 10.00000 | Volume of final extract (uL)(1000 low, 2 |
| Ws | 15.00000 | Weight of sample extracted (g) |
| M | 0.00000 | % Moisture |

Cpnd Variable Local Compound Variable

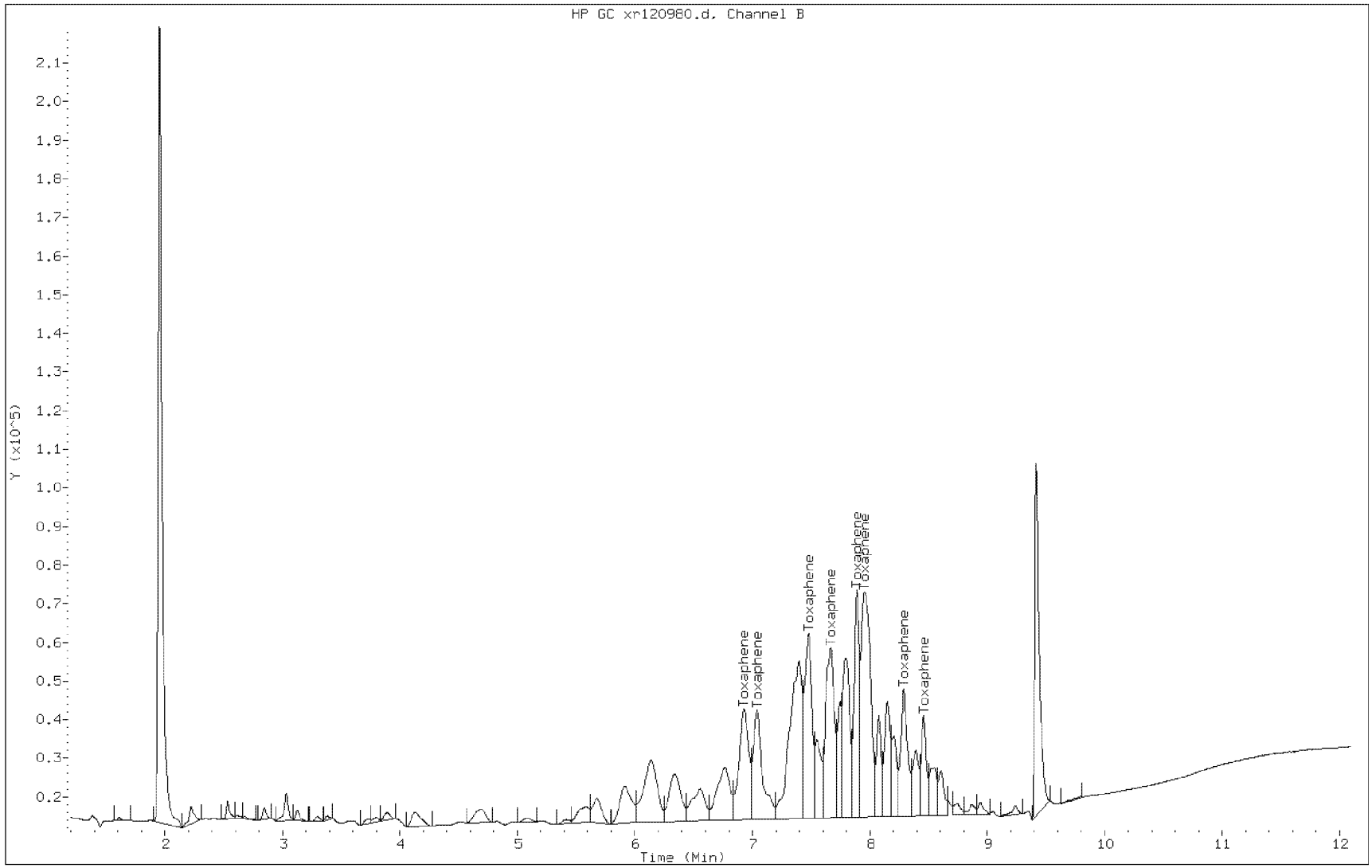
| RT | EXP RT | DLT RT | RESPONSE | AMOUNTS CAL-AMT ( ug/L) | AMOUNTS ON-COL ( ug/L) | TARGET RANGE | RATIO |
|---|---|---|---|---|---|---|---|
| 20 Toxaphene | | | | | CAS #: 8001-35-2 | | |
| 6.930 | 6.930 | 0.000 | 166077 | 1000.00 | 1000 | 80.00- 120.00 | 100.00 |
| 7.040 | 7.040 | 0.000 | 161060 | 1000.00 | 1000 | 77.58- 116.37 | 96.98 |
| 7.480 | 7.480 | 0.000 | 212753 | 1000.00 | 1000 | 102.48- 153.73 | 128.11 |
| 7.670 | 7.670 | 0.000 | 228603 | 1000.00 | 1000 | 110.12- 165.18 | 137.65 |
| 7.890 | 7.890 | 0.000 | 180999 | 1000.00 | 1000 | 87.19- 130.78 | 108.98 |
| 7.957 | 7.957 | 0.000 | 332931 | 1000.00 | 1000 | 160.37- 240.56 | 200.47 |
| 8.287 | 8.287 | 0.000 | 132622 | 1000.00 | 1000 | 63.88- 95.83 | 79.86 |
| 8.457 | 8.457 | 0.000 | 82179 | 1000.00 | 1000 | 39.59- 59.38 | 49.48 |
| Average of Peak Amounts = | | | | | 1e+03 | | |

Data File: xr120980.d

Date: 02-JUN-2011 15:42

Client ID: Instrument: PESTGC1.i

Sample Info: SGTOX_00010 Operator: 462



FORM VI
RESOLUTION CHECK SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-27128-1

SDG No.:

Lab Sample ID (2): RESC 460-76035/3 Instrument ID (2): PESTGC1

GC Column (2): CLP-2 ID: 0.53(mm) Date Analyzed (2): 06/08/2011 06:20

| ANALYTE | RT | RESOLUTION (%) |
|---|---|---|
| Tetrachloro-m-xylene | 2.36 | 100 |
| gamma-Chlordane | 6.78 | 100 |
| Endosulfan I | 7.22 | 100 |
| 4,4'-DDE | 7.37 | 100 |
| Dieldrin | 7.62 | 100 |
| Endosulfan sulfate | 8.93 | 100 |
| Methoxychlor | 9.22 | 100 |
| Endrin ketone | 9.49 | 100 |
| DCB Decachlorobiphenyl | 10.40 | 100 |

FORM VI
RESOLUTION CHECK SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-27128-1

SDG No.:

Lab Sample ID (1): RESC 460-76035/3 Instrument ID (1): PESTGC1

GC Column (1): CLP-1 ID: 0.53(mm) Date Analyzed (1): 06/08/2011 06:20

| ANALYTE | RT | RESOLUTION (%) |
|---|---|---|
| Tetrachloro-m-xylene | 1.95 | 100 |
| gamma-Chlordane | 4.37 | 100 |
| 4,4'-DDE | 4.90 | 59.7 |
| Endosulfan I | 5.01 | 100 |
| Dieldrin | 5.62 | 100 |
| Methoxychlor | 7.73 | 100 |
| Endosulfan sulfate | 7.98 | 100 |
| Endrin ketone | 8.29 | 100 |
| DCB Decachlorobiphenyl | 9.40 | 100 |

FORM VII
GC SEMI VOA PERFORMANCE EVALUATION MIXTURE (PEM)

Lab Name: TestAmerica Edison Job No.: 460-27128-1

SDG No.:

Lab Sample ID: PEM 460-76035/4 Calibration Date: 06/08/2011 06:34

Instrument ID: PESTGC1 Calib Start Date: 06/02/2011 14:19

GC Column: CLP-2 ID: 0.53(mm) Calib End Date: 06/02/2011 15:14

Lab File ID: xf121229.d Conc. Units: ug/L

| ANALYTE | RT | RESPONSE | BREAKDOWN (%) | LIMIT | # |
|---|---|---|---|---|---|
| Endrin | 7.97 | 674356 | 4.36 | 15 | |
| Endrin aldehyde | 8.60 | 6527 | | | |
| Endrin ketone | 9.49 | 24228 | | | |

| ANALYTE | RT | RESPONSE | BREAKDOWN (%) | LIMIT | # |
|---|---|---|---|---|---|
| 4,4'-DDT | 8.43 | 610610 | 4.11 | 15 | |
| 4,4'-DDD | 8.07 | 13182 | | | |
| 4,4'-DDE | 7.37 | 13012 | | | |

Data File: xf121229.d
Report Date: 08-Jun-2011 11:32

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC1.i/8081T/front/Jun11/06-08-11/08jun11a.b/xf121229.d
Lab Smp Id: SGDDT/Ei_00013
Inj Date : 08-JUN-2011 06:34
Operator : 462 Inst ID: PESTGC1.i
Smp Info : SGDDT/Ei_00013
Misc Info :
Comment :
Method : /chem1/PESTGC1.i/8081T/front/Jun11/06-08-11/08jun11a.b/09Xf8081.m
Meth Date : 08-Jun-2011 06:42 Ex. 4 CBI Quant Type: ESTD
Cal Date : 02-JUN-2011 15:42 Cal File: xf120980.d
Als bottle: 1
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: END_DDT.sub
Target Version: 3.50 Sample Matrix: WATER
Processing Host: hpd3

Concentration Formula: Amt * DF * Vt/Vo * CpndVariable

| Name | Value | Description |
|---|---|---|
| DF | 1.00000 | Dilution Factor |
| Vt | 5.00000 | Volume of final extract (mL) |
| Vo | 100.00000 | Volume of sample extracted (mL) |

Cpnd Variable Local Compound Variable

| RT | EXP RT | DLT RT | RESPONSE | CONCENTRATIONS ON-COL ( ug/L) | FINAL ( ug/l) | TARGET RANGE | RATIO |
|---|---|---|---|---|---|---|---|
| 7 4,4'-DDD | | | | | CAS #: 72-54-8 | | |
| 8.073 | 8.070 | 0.003 | 13182 | 5.07111 | 0.25 | 80.00- 120.00 | 100.00(a) |
| 8 4,4'-DDE | | | | | CAS #: 72-55-9 | | |
| 7.370 | 7.370 | 0.000 | 13012 | 4.09883 | 0.20 | 80.00- 120.00 | 100.00(a) |
| 9 4,4'-DDT | | | | | CAS #: 50-29-3 | | |
| 8.433 | 8.433 | 0.000 | 610610 | 247.099 | 12 | 80.00- 120.00 | 100.00 |
| 14 Endrin | | | | | CAS #: 72-20-8 | | |
| 7.970 | 7.970 | 0.000 | 674356 | 243.299 | 12 | 80.00- 120.00 | 100.00 |
| 15 Endrin aldehyde | | | | | CAS #: 7421-93-4 | | |
| 8.603 | 8.600 | 0.003 | 6527 | 2.82498 | 0.14 | 80.00- 120.00 | 100.00(a) |

Data File: xf121229.d
Report Date: 08-Jun-2011 11:32

| RT | EXP RT | DLT RT | RESPONSE | CONCENTRATIONS ON-COL ( ug/L) | CONCENTRATIONS FINAL ( ug/l) | TARGET RANGE | RATIO |
|---|---|---|---|---|---|---|---|
| 16 Endrin ketone | | | | | CAS #: 53494-70-5 | | |
| 9.493 | 9.490 | 0.003 | 24228 | 8.64558 | 0.43 | 80.00- 120.00 | 100.00(a) |

QC Flag Legend

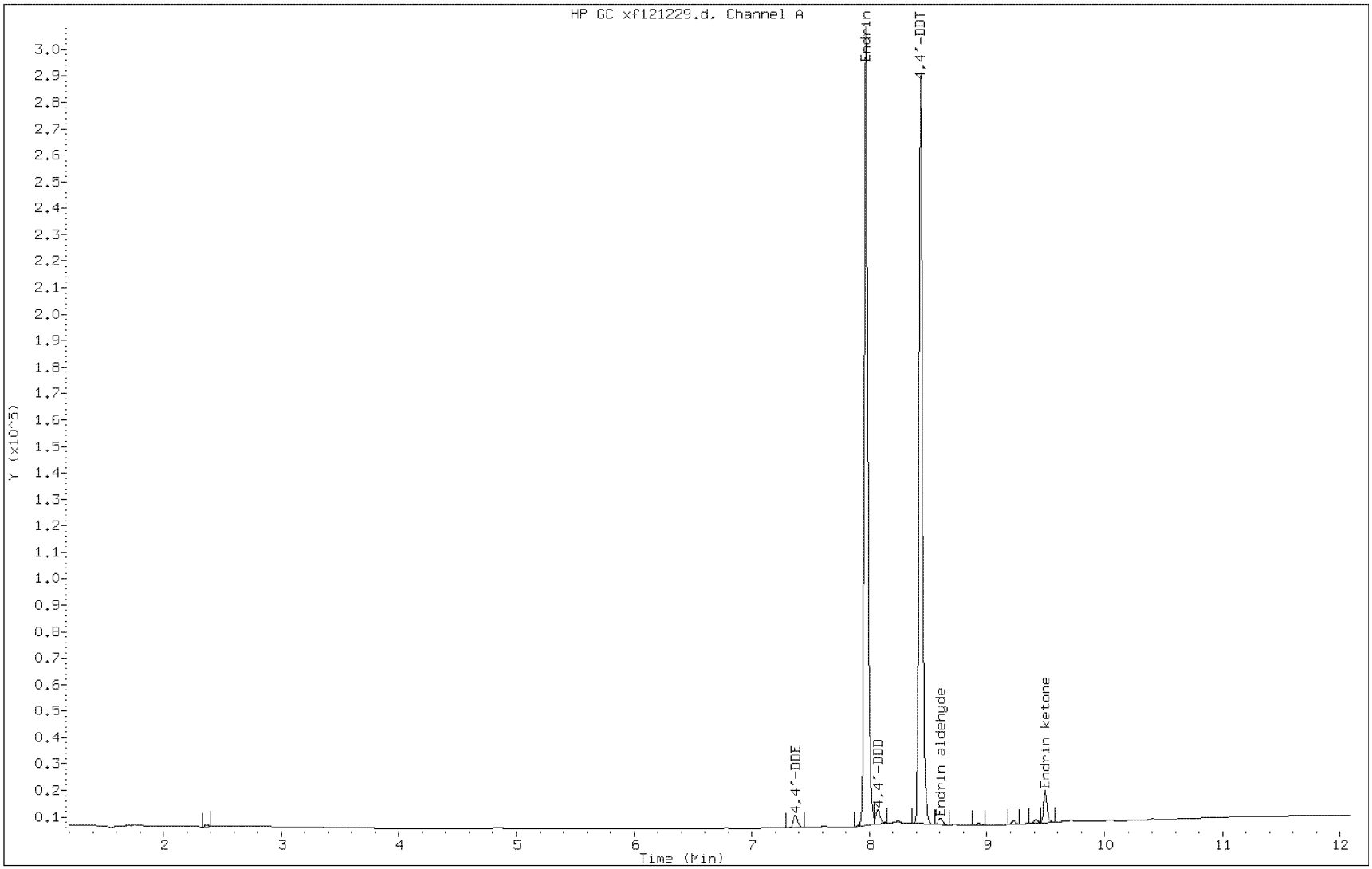
a - Target compound detected but, quantitated amount
Below Limit Of Quantitation(BLOQ).

Data File: xf121229.d

Date: 08-JUN-2011 06:34

Client ID: Instrument: PESTGC1.i

Sample Info: SGDDT/Ei_00013 Operator: 462



FORM VII
GC SEMI VOA PERFORMANCE EVALUATION MIXTURE (PEM)

Lab Name: TestAmerica Edison Job No.: 460-27128-1

SDG No.:

Lab Sample ID: PEM 460-76035/4 Calibration Date: 06/08/2011 06:34

Instrument ID: PESTGC1 Calib Start Date: 06/02/2011 14:19

GC Column: CLP-1 ID: 0.53(mm) Calib End Date: 06/02/2011 15:14

Lab File ID: xr121229.d Conc. Units: ug/L

| ANALYTE | RT | RESPONSE | BREAKDOWN (%) | LIMIT | # |
|---|---|---|---|---|---|
| Endrin | 6.22 | 1051958 | 4.87 | 15 | |
| Endrin aldehyde | 7.49 | 9833 | | | |
| Endrin ketone | 8.29 | 43989 | | | |

| ANALYTE | RT | RESPONSE | BREAKDOWN (%) | LIMIT | # |
|---|---|---|---|---|---|
| 4,4'-DDT | 7.06 | 905479 | 3.83 | 15 | |
| 4,4'-DDD | 6.42 | 19799 | | | |
| 4,4'-DDE | 4.90 | 16307 | | | |

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC1.i/8081T/rear/Jun11/06-08-11/08jun11a.b/xr121229.d
Lab Smp Id: SGDDT/Ei_00013
Inj Date : 08-JUN-2011 06:34
Operator : 462 Inst ID: PESTGC1.i
Smp Info : SGDDT/Ei_00013
Misc Info :
Comment :
Method : /chem1/PESTGC1.i/8081T/rear/Jun11/06-08-11/08jun11a.b/09Xr8081.m
Meth Date : 08-Jun-2011 06:43 Ex. 4 CBI Quant Type: ESTD
Cal Date : 02-JUN-2011 15:42 Cal File: xr120980.d
Als bottle: 1
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: END_DDT.sub
Target Version: 3.50 Sample Matrix: WATER
Processing Host: hpd3

Concentration Formula: Amt * DF * Vt/Vo * CpndVariable

| Name | Value | Description |
|---|---|---|
| DF | 1.00000 | Dilution Factor |
| Vt | 5.00000 | Volume of final extract (mL) |
| Vo | 100.00000 | Volume of sample extracted (mL) |

Cpnd Variable Local Compound Variable

| RT | EXP RT | DLT RT | RESPONSE | CONCENTRATIONS ON-COL ( ug/L) | FINAL ( ug/l) | TARGET RANGE | RATIO |
|---|---|---|---|---|---|---|---|
| 7 4,4'-DDD | | | | | CAS #: 72-54-8 | | |
| 6.420 | 6.417 | 0.003 | 19799 | 5.28872 | 0.26 | 80.00- 120.00 | 100.00(a) |
| 8 4,4'-DDE | | | | | CAS #: 72-55-9 | | |
| 4.903 | 4.903 | 0.000 | 16307 | 3.86094 | 0.19 | 80.00- 120.00 | 100.00(a) |
| 9 4,4'-DDT | | | | | CAS #: 50-29-3 | | |
| 7.057 | 7.057 | 0.000 | 905479 | 262.996 | 13 | 80.00- 120.00 | 100.00 |
| 14 Endrin | | | | | CAS #: 72-20-8 | | |
| 6.217 | 6.220 | -0.003 | 1051958 | 251.153 | 12 | 80.00- 120.00 | 100.00 |
| 15 Endrin aldehyde | | | | | CAS #: 7421-93-4 | | |
| 7.487 | 7.487 | 0.000 | 9833 | 3.14979 | 0.16 | 80.00- 120.00 | 100.00(a) |

| RT | EXP RT | DLT RT | RESPONSE | CONCENTRATIONS ON-COL ( ug/L) | CONCENTRATIONS FINAL ( ug/l) | TARGET RANGE | RATIO |
|---|---|---|---|---|---|---|---|
| 16 Endrin ketone | | | | | CAS #: 53494-70-5 | | |
| 8.287 | 8.283 | 0.004 | 43989 | 11.2132 | 0.56 | 80.00- 120.00 | 100.00 |

QC Flag Legend

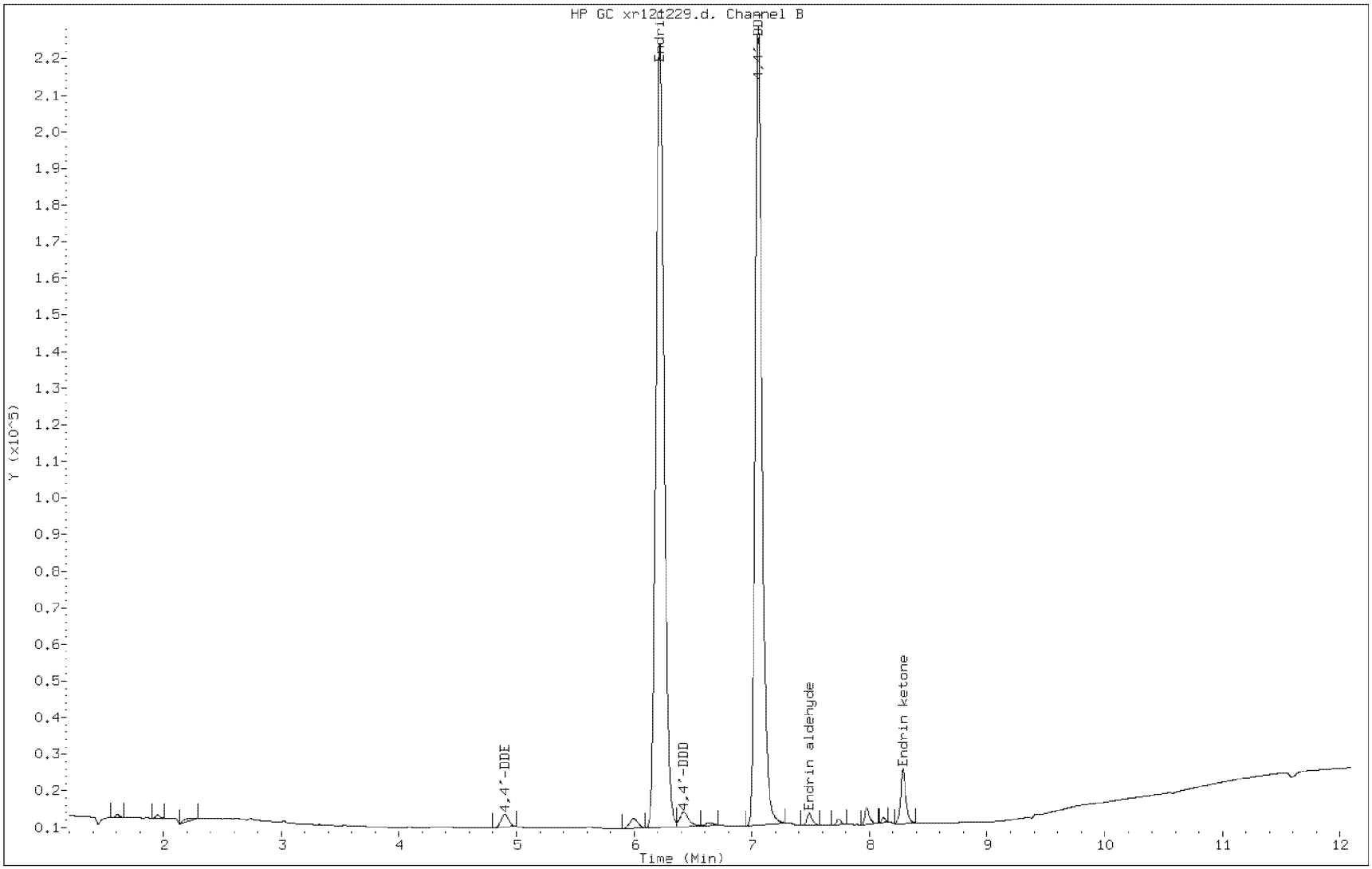
a - Target compound detected but, quantitated amount
Below Limit Of Quantitation(BLOQ).

Data File: xr121229.d

Date: 08-JUN-2011 06:34

Client ID: Instrument: PESTGC1.i

Sample Info: SGDDT/Ei_00013 Operator: 462



FORM VII
GC SEMI VOA PERFORMANCE EVALUATION MIXTURE (PEM)

Lab Name: TestAmerica Edison Job No.: 460-27128-1

SDG No.:

Lab Sample ID: PEM 460-76138/3 Calibration Date: 06/08/2011 11:54

Instrument ID: PESTGC1 Calib Start Date: 06/02/2011 14:19

GC Column: CLP-2 ID: 0.53(mm) Calib End Date: 06/02/2011 15:14

Lab File ID: xf121251.d Conc. Units: ug/L

| ANALYTE | RT | RESPONSE | BREAKDOWN (%) | LIMIT | # |
|---|---|---|---|---|---|
| Endrin | 7.97 | 628245 | 14.40 | 15 | |
| Endrin aldehyde | 8.60 | 28983 | | | |
| Endrin ketone | 9.49 | 76685 | | | |

| ANALYTE | RT | RESPONSE | BREAKDOWN (%) | LIMIT | # |
|---|---|---|---|---|---|
| 4,4'-DDT | 8.43 | 565084 | 10.70 | 15 | |
| 4,4'-DDD | 8.07 | 54036 | | | |
| 4,4'-DDE | 7.37 | 13693 | | | |

Data File: xf121251.d
Report Date: 09-Jun-2011 07:04

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC1.i/8081T/front/Jun11/06-08-11/08jun11b.b/xf121251.d
Lab Smp Id: SGDDT/Ei_00013
Inj Date : 08-JUN-2011 11:54
Operator : 462 Inst ID: PESTGC1.i
Smp Info : SGDDT/Ei_00013
Misc Info :
Comment :
Method : /chem1/PESTGC1.i/8081T/front/Jun11/06-08-11/08jun11b.b/09Xf8081.m
Meth Date : 09-Jun-2011 07:04 Ex. 4 CBI Quant Type: ESTD
Cal Date : 02-JUN-2011 15:42 Cal File: xf120980.d
Als bottle: 1
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: END_DDT.sub
Target Version: 3.50 Sample Matrix: WATER
Processing Host: hpd3

Concentration Formula: Amt * DF * Vt/Vo * CpndVariable

| Name | Value | Description |
|---|---|---|
| DF | 1.00000 | Dilution Factor |
| Vt | 5.00000 | Volume of final extract (mL) |
| Vo | 1000.00000 | Volume of sample extracted (mL) |

Cpnd Variable Local Compound Variable

| RT | EXP RT | DLT RT | RESPONSE | CONCENTRATIONS ON-COL ( ug/L) | FINAL ( ug/l) | TARGET RANGE | RATIO |
|---|---|---|---|---|---|---|---|
| 7 4,4'-DDD | | | | | CAS #: 72-54-8 | | |
| 8.073 | 8.070 | 0.003 | 54036 | 20.7876 | | 80.00- 120.00 | 100.00(a) |
| 8 4,4'-DDE | | | | | CAS #: 72-55-9 | | |
| 7.373 | 7.370 | 0.003 | 13693 | 4.31335 | | 80.00- 120.00 | 100.00(a) |
| 9 4,4'-DDT | | | | | CAS #: 50-29-3 | | |
| 8.433 | 8.433 | 0.000 | 565084 | 228.676 | | 80.00- 120.00 | 100.00(a) |
| 14 Endrin | | | | | CAS #: 72-20-8 | | |
| 7.970 | 7.967 | 0.003 | 628245 | 226.663 | | 80.00- 120.00 | 100.00(a) |
| 15 Endrin aldehyde | | | | | CAS #: 7421-93-4 | | |
| 8.603 | 8.597 | 0.006 | 28983 | 12.5443 | | 80.00- 120.00 | 100.00(a) |

Data File: xf121251.d
Report Date: 09-Jun-2011 07:04

| RT | EXP RT | DLT RT | RESPONSE | CONCENTRATIONS ON-COL ( ug/L) | CONCENTRATIONS FINAL ( ug/l) | TARGET RANGE | RATIO |
|---|---|---|---|---|---|---|---|
| 16 Endrin ketone | | | | | CAS #: 53494-70-5 | | |
| 9.490 | 9.490 | 0.000 | 76685 | 27.3645 | | 80.00- 120.00 | 100.00(a) |

QC Flag Legend

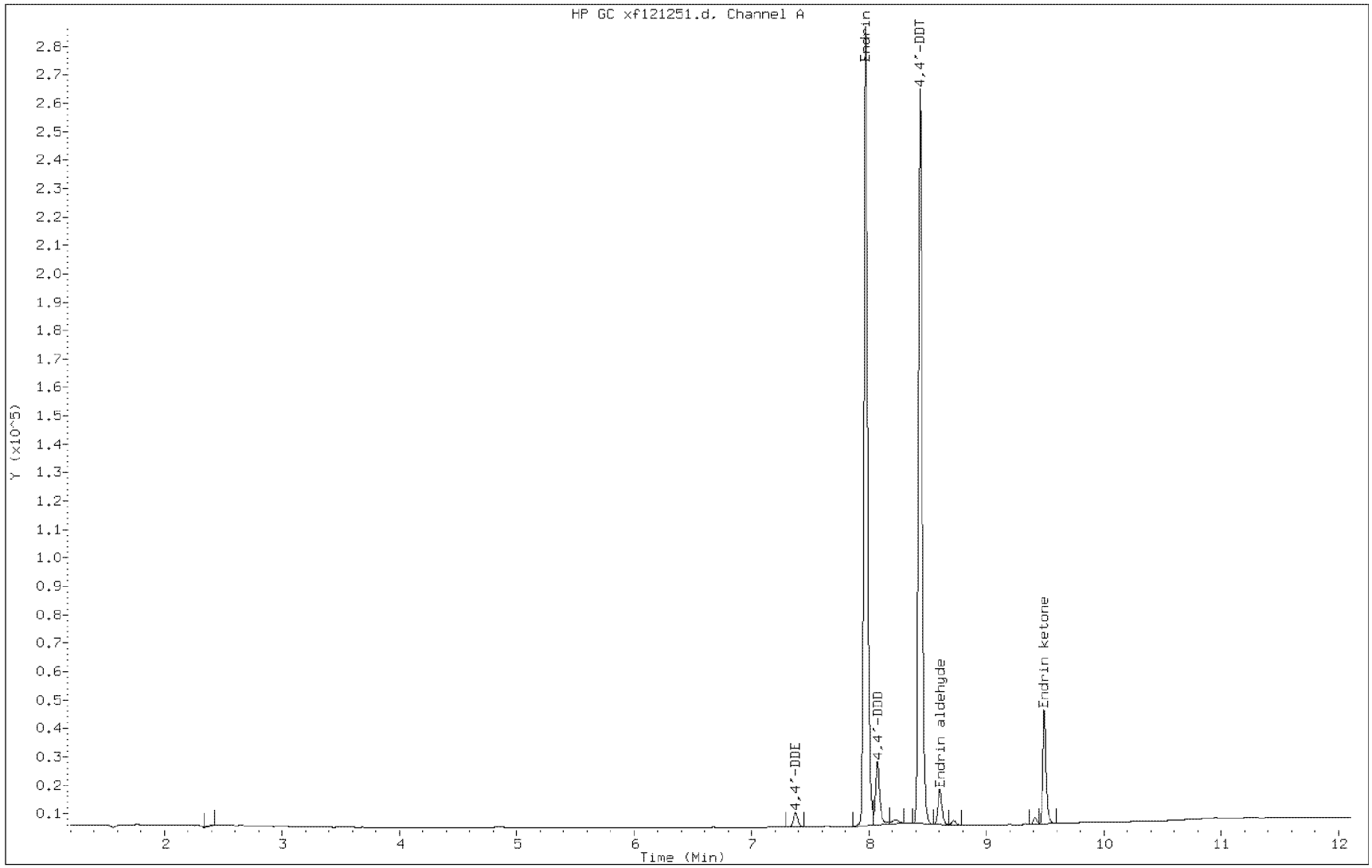
a - Target compound detected but, quantitated amount
Below Limit Of Quantitation(BLOQ).

Data File: xf121251.d

Date: 08-JUN-2011 11:54

Client ID: Instrument: PESTGC1.i

Sample Info: SGDDT/Ei_00013 Operator: 462



FORM VII
GC SEMI VOA PERFORMANCE EVALUATION MIXTURE (PEM)

Lab Name: TestAmerica Edison Job No.: 460-27128-1

SDG No.:

Lab Sample ID: PEM 460-76138/3 Calibration Date: 06/08/2011 11:54

Instrument ID: PESTGC1 Calib Start Date: 06/02/2011 14:19

GC Column: CLP-1 ID: 0.53(mm) Calib End Date: 06/02/2011 15:14

Lab File ID: xr121251.d Conc. Units: ug/L

| ANALYTE | RT | RESPONSE | BREAKDOWN (%) | LIMIT | # |
|---|---|---|---|---|---|
| Endrin | 6.22 | 971573 | 14.59 | 15 | |
| Endrin aldehyde | 7.49 | 44089 | | | |
| Endrin ketone | 8.29 | 121829 | | | |

| ANALYTE | RT | RESPONSE | BREAKDOWN (%) | LIMIT | # |
|---|---|---|---|---|---|
| 4,4'-DDT | 7.06 | 840027 | 9.04 | 15 | |
| 4,4'-DDD | 6.42 | 65807 | | | |
| 4,4'-DDE | 4.91 | 17631 | | | |

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC1.i/8081T/rear/Jun11/06-08-11/08jun11b.b/xr121251.d
Lab Smp Id: SGDDT/Ei_00013
Inj Date : 08-JUN-2011 11:54
Operator : 462 Inst ID: PESTGC1.i
Smp Info : SGDDT/Ei_00013
Misc Info :
Comment :
Method : /chem1/PESTGC1.i/8081T/rear/Jun11/06-08-11/08jun11b.b/09Xr8081.m
Meth Date : 09-Jun-2011 07:02 Ex. 4 CBI Quant Type: ESTD
Cal Date : 02-JUN-2011 15:42 Cal File: xr120980.d
Als bottle: 1
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: END_DDT.sub
Target Version: 3.50 Sample Matrix: WATER
Processing Host: hpd3

Concentration Formula: Amt * DF * Vt/Vo * CpndVariable

| Name | Value | Description |
|---|---|---|
| DF | 1.00000 | Dilution Factor |
| Vt | 5.00000 | Volume of final extract (mL) |
| Vo | 1000.00000 | Volume of sample extracted (mL) |

Cpnd Variable Local Compound Variable

| RT | EXP RT | DLT RT | RESPONSE | CONCENTRATIONS ON-COL ( ug/L) | FINAL ( ug/l) | TARGET RANGE | RATIO |
|---|---|---|---|---|---|---|---|
| 7 4,4'-DDD | | | | | CAS #: 72-54-8 | | |
| 6.420 | 6.420 | 0.000 | 65807 | 17.5784 | 0.088 | 80.00- 120.00 | 100.00 |
| 8 4,4'-DDE | | | | | CAS #: 72-55-9 | | |
| 4.907 | 4.907 | 0.000 | 17631 | 4.17441 | 0.021 | 80.00- 120.00 | 100.00(a) |
| 9 4,4'-DDT | | | | | CAS #: 50-29-3 | | |
| 7.057 | 7.057 | 0.000 | 840027 | 243.985 | 1.2 | 80.00- 120.00 | 100.00 |
| 14 Endrin | | | | | CAS #: 72-20-8 | | |
| 6.220 | 6.220 | 0.000 | 971573 | 231.962 | 1.2 | 80.00- 120.00 | 100.00 |
| 15 Endrin aldehyde | | | | | CAS #: 7421-93-4 | | |
| 7.487 | 7.487 | 0.000 | 44089 | 14.1230 | 0.071 | 80.00- 120.00 | 100.00 |

| RT | EXP RT | DLT RT | RESPONSE | CONCENTRATIONS ON-COL ( ug/L) | CONCENTRATIONS FINAL ( ug/l) | TARGET RANGE | RATIO |
|---|---|---|---|---|---|---|---|
| 16 Endrin ketone | | | | | CAS #: 53494-70-5 | | |
| 8.287 | 8.283 | 0.004 | 121829 | 31.0554 | 0.16 | 80.00- 120.00 | 100.00 |

QC Flag Legend

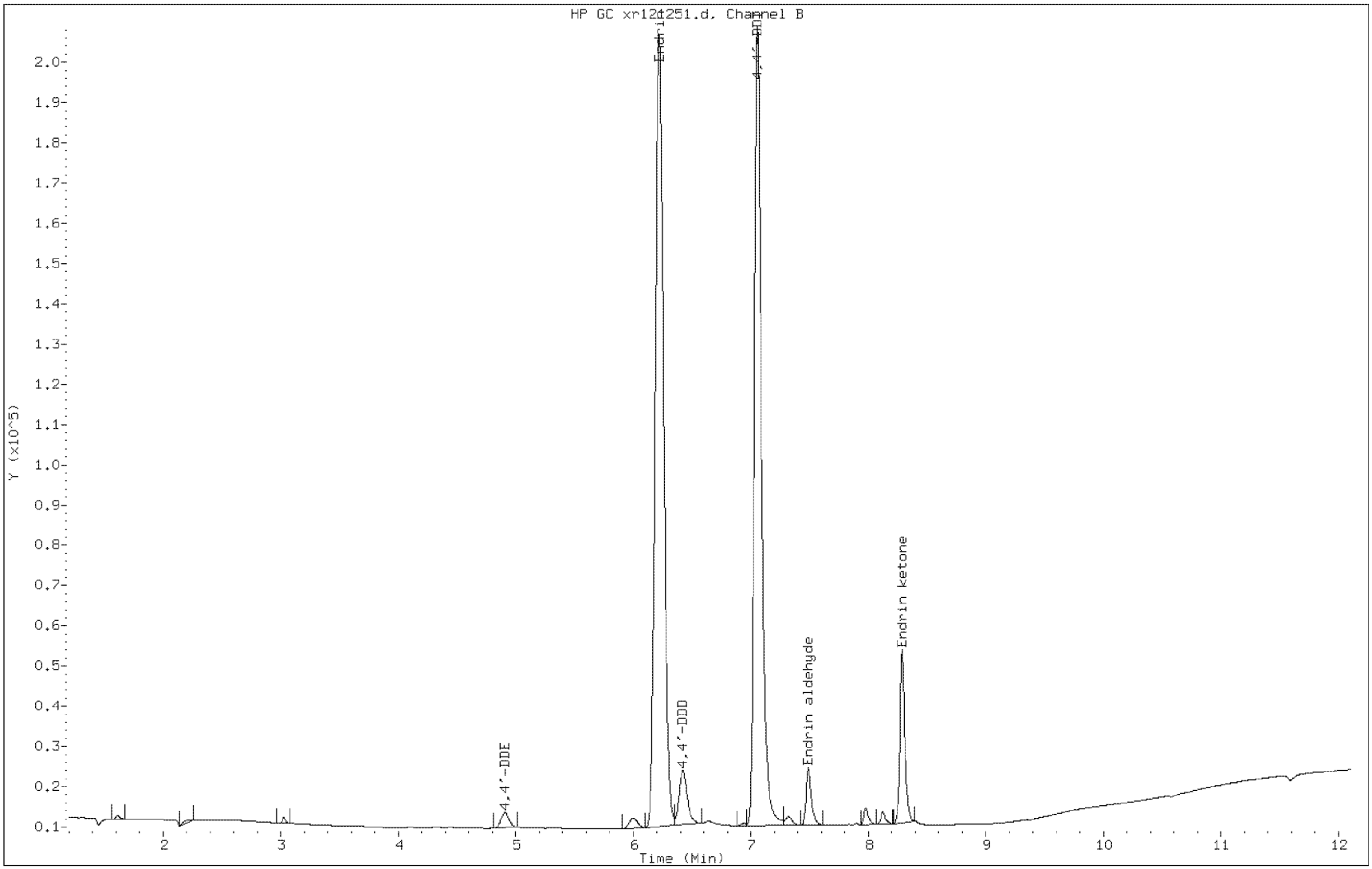
a - Target compound detected but, quantitated amount
Below Limit Of Quantitation(BLOQ).

Data File: xr121251.d

Date: 08-JUN-2011 11:54

Client ID: Instrument: PESTGC1.i

Sample Info: SGDDT/Ei_00013 Operator: 462



FORM VII
GC SEMI VOA PERFORMANCE EVALUATION MIXTURE (PEM)

Lab Name: TestAmerica Edison Job No.: 460-27128-1

SDG No.:

Lab Sample ID: PEM 460-76149/4 Calibration Date: 06/09/2011 07:32

Instrument ID: PESTGC1 Calib Start Date: 06/02/2011 14:19

GC Column: CLP-2 ID: 0.53(mm) Calib End Date: 06/02/2011 15:14

Lab File ID: xf121297.d Conc. Units: ug/L

| ANALYTE | RT | RESPONSE | BREAKDOWN (%) | LIMIT | # |
|---|---|---|---|---|---|
| Endrin | 7.97 | 696118 | 4.62 | 15 | |
| Endrin aldehyde | 8.60 | 7586 | | | |
| Endrin ketone | 9.49 | 26168 | | | |

| ANALYTE | RT | RESPONSE | BREAKDOWN (%) | LIMIT | # |
|---|---|---|---|---|---|
| 4,4'-DDT | 8.43 | 660443 | 3.59 | 15 | |
| 4,4'-DDD | 8.07 | 11770 | | | |
| 4,4'-DDE | 7.37 | 12791 | | | |

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC1.i/8081T/front/Jun11/06-09-11/09jun11a.b/xf121297.d
Lab Smp Id: SGDDT/Ei_00013
Inj Date : 09-JUN-2011 07:32
Operator : 462 Inst ID: PESTGC1.i
Smp Info : SGDDT/Ei_00013
Misc Info :
Comment :
Method : /chem1/PESTGC1.i/8081T/front/Jun11/06-09-11/09jun11a.b/09Xf8081.m
Meth Date : 09-Jun-2011 08:26 Ex. 4 CBI Quant Type: ESTD
Cal Date : 02-JUN-2011 15:42 Cal File: xf120980.d
Als bottle: 1
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: END_DDT.sub
Target Version: 3.50 Sample Matrix: WATER
Processing Host: hpd3

Concentration Formula: Amt * DF * Vt/Vo * CpndVariable

| Name | Value | Description |
|---|---|---|
| DF | 1.00000 | Dilution Factor |
| Vt | 5.00000 | Volume of final extract (mL) |
| Vo | 1000.00000 | Volume of sample extracted (mL) |

Cpnd Variable Local Compound Variable

| RT | EXP RT | DLT RT | RESPONSE | CONCENTRATIONS ON-COL ( ug/L) | FINAL ( ug/l) | TARGET RANGE | RATIO |
|---|---|---|---|---|---|---|---|
| 7 4,4'-DDD | | | | | CAS #: 72-54-8 | | |
| 8.070 | 8.070 | 0.000 | 11770 | 4.52792 | | 80.00- 120.00 | 100.00(a) |
| 8 4,4'-DDE | | | | | CAS #: 72-55-9 | | |
| 7.370 | 7.370 | 0.000 | 12791 | 4.02922 | | 80.00- 120.00 | 100.00(a) |
| 9 4,4'-DDT | | | | | CAS #: 50-29-3 | | |
| 8.433 | 8.437 | -0.004 | 660443 | 267.265 | | 80.00- 120.00 | 100.00(a) |
| 14 Endrin | | | | | CAS #: 72-20-8 | | |
| 7.970 | 7.970 | 0.000 | 696118 | 251.151 | | 80.00- 120.00 | 100.00(a) |
| 15 Endrin aldehyde | | | | | CAS #: 7421-93-4 | | |
| 8.600 | 8.600 | 0.000 | 7586 | 3.28333 | | 80.00- 120.00 | 100.00(a) |

| RT | EXP RT | DLT RT | RESPONSE | CONCENTRATIONS ON-COL ( ug/L) | CONCENTRATIONS FINAL ( ug/l) | TARGET RANGE | RATIO |
|---|---|---|---|---|---|---|---|
| 16 Endrin ketone | | | | | CAS #: 53494-70-5 | | |
| 9.493 | 9.490 | 0.003 | 26168 | 9.33785 | | 80.00- 120.00 | 100.00(a) |

QC Flag Legend

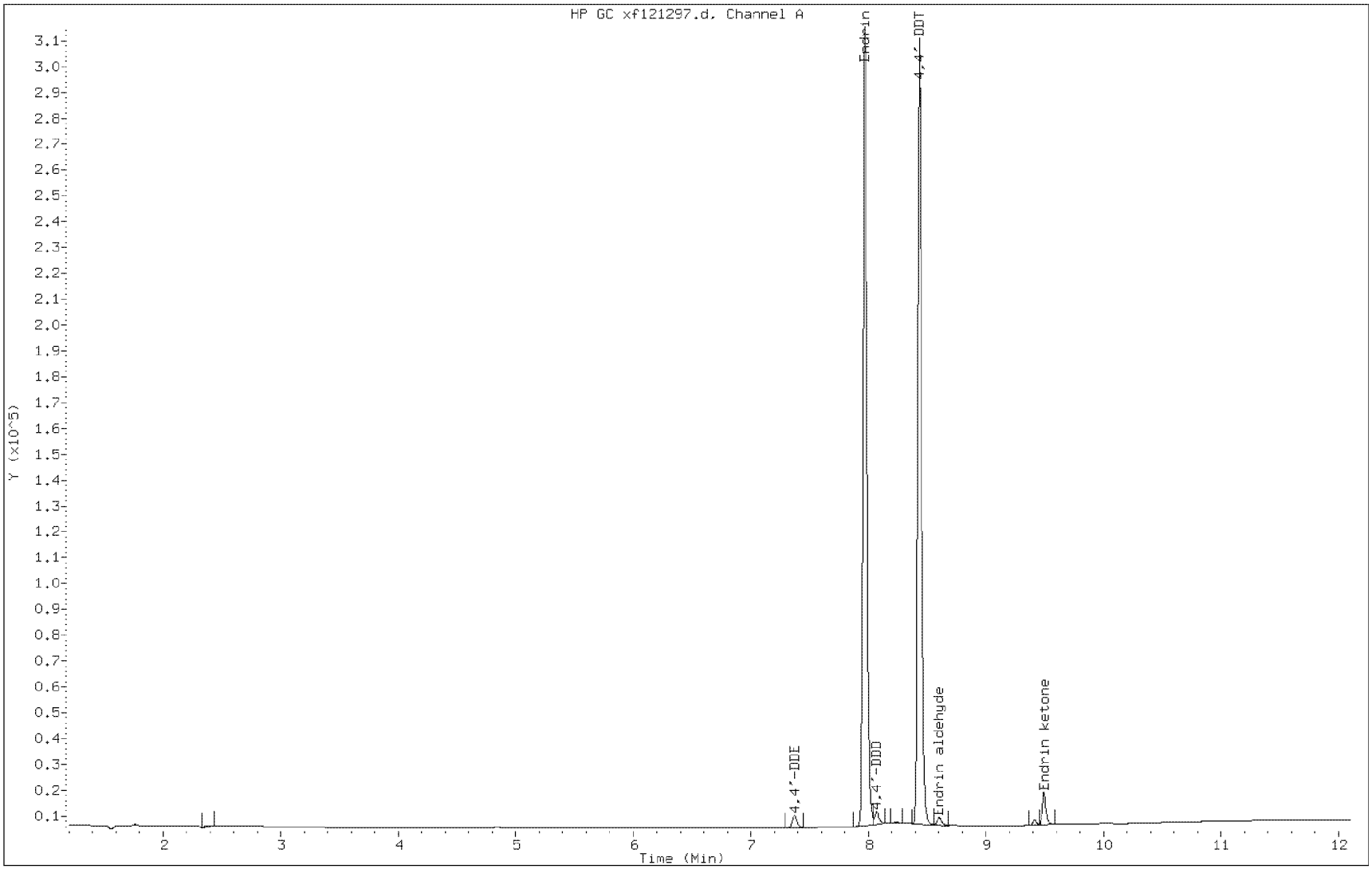
a - Target compound detected but, quantitated amount
Below Limit Of Quantitation(BLOQ).

Data File: xf121297.d

Date: 09-JUN-2011 07:32

Client ID: Instrument: PESTGC1.i

Sample Info: SGDDT/Ei_00013 Operator: 462



FORM VII
GC SEMI VOA PERFORMANCE EVALUATION MIXTURE (PEM)

Lab Name: TestAmerica Edison Job No.: 460-27128-1

SDG No.:

Lab Sample ID: PEM 460-76149/4 Calibration Date: 06/09/2011 07:32

Instrument ID: PESTGC1 Calib Start Date: 06/02/2011 14:19

GC Column: CLP-1 ID: 0.53(mm) Calib End Date: 06/02/2011 15:14

Lab File ID: xr121297.d Conc. Units: ug/L

| ANALYTE | RT | RESPONSE | BREAKDOWN (%) | LIMIT | # |
|---|---|---|---|---|---|
| Endrin | 6.21 | 1057899 | 5.64 | 15 | |
| Endrin aldehyde | 7.49 | 11476 | | | |
| Endrin ketone | 8.28 | 51798 | | | |

| ANALYTE | RT | RESPONSE | BREAKDOWN (%) | LIMIT | # |
|---|---|---|---|---|---|
| 4,4'-DDT | 7.05 | 933294 | 3.08 | 15 | |
| 4,4'-DDD | 6.41 | 14331 | | | |
| 4,4'-DDE | 4.90 | 15347 | | | |

Data File: xr121297.d
Report Date: 09-Jun-2011 08:45

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC1.i/8081T/rear/Jun11/06-09-11/09jun11a.b/xr121297.d
Lab Smp Id: SGDDT/Ei_00013
Inj Date : 09-JUN-2011 07:32
Operator : 462 Inst ID: PESTGC1.i
Smp Info : SGDDT/Ei_00013
Misc Info :
Comment :
Method : /chem1/PESTGC1.i/8081T/rear/Jun11/06-09-11/09jun11a.b/09Xr8081.m
Meth Date : 09-Jun-2011 08:44 Ex. 4 CBI Quant Type: ESTD
Cal Date : 02-JUN-2011 15:42 Cal File: xr120980.d
Als bottle: 1
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: END_DDT.sub
Target Version: 3.50 Sample Matrix: WATER
Processing Host: hpd3

Concentration Formula: Amt * DF * Vt/Vo * CpndVariable

| Name | Value | Description |
|---|---|---|
| DF | 1.00000 | Dilution Factor |
| Vt | 5.00000 | Volume of final extract (mL) |
| Vo | 1000.00000 | Volume of sample extracted (mL) |

Cpnd Variable Local Compound Variable

| RT | EXP RT | DLT RT | RESPONSE | CONCENTRATIONS ON-COL ( ug/L) | FINAL ( ug/l) | TARGET RANGE | RATIO |
|---|---|---|---|---|---|---|---|
| 7 4,4'-DDD | | | | | CAS #: 72-54-8 | | |
| 6.413 | 6.413 | 0.000 | 14331 | 3.82811 | 0.019 | 80.00- 120.00 | 100.00(a) |
| 8 4,4'-DDE | | | | | CAS #: 72-55-9 | | |
| 4.897 | 4.900 | -0.003 | 15347 | 3.63364 | 0.018 | 80.00- 120.00 | 100.00(a) |
| 9 4,4'-DDT | | | | | CAS #: 50-29-3 | | |
| 7.050 | 7.053 | -0.003 | 933294 | 271.075 | 1.4 | 80.00- 120.00 | 100.00 |
| 14 Endrin | | | | | CAS #: 72-20-8 | | |
| 6.210 | 6.213 | -0.003 | 1057899 | 252.572 | 1.3 | 80.00- 120.00 | 100.00 |
| 15 Endrin aldehyde | | | | | CAS #: 7421-93-4 | | |
| 7.487 | 7.483 | 0.004 | 11476 | 3.67609 | 0.018 | 80.00- 120.00 | 100.00(a) |

Data File: xr121297.d
Report Date: 09-Jun-2011 08:45

| RT | EXP RT | DLT RT | RESPONSE | CONCENTRATIONS ON-COL ( ug/L) | CONCENTRATIONS FINAL ( ug/l) | TARGET RANGE | RATIO |
|---|---|---|---|---|---|---|---|
| 16 Endrin ketone | | | | | CAS #: 53494-70-5 | | |
| 8.283 | 8.283 | 0.000 | 51798 | 13.2038 | 0.066 | 80.00- 120.00 | 100.00 |

QC Flag Legend

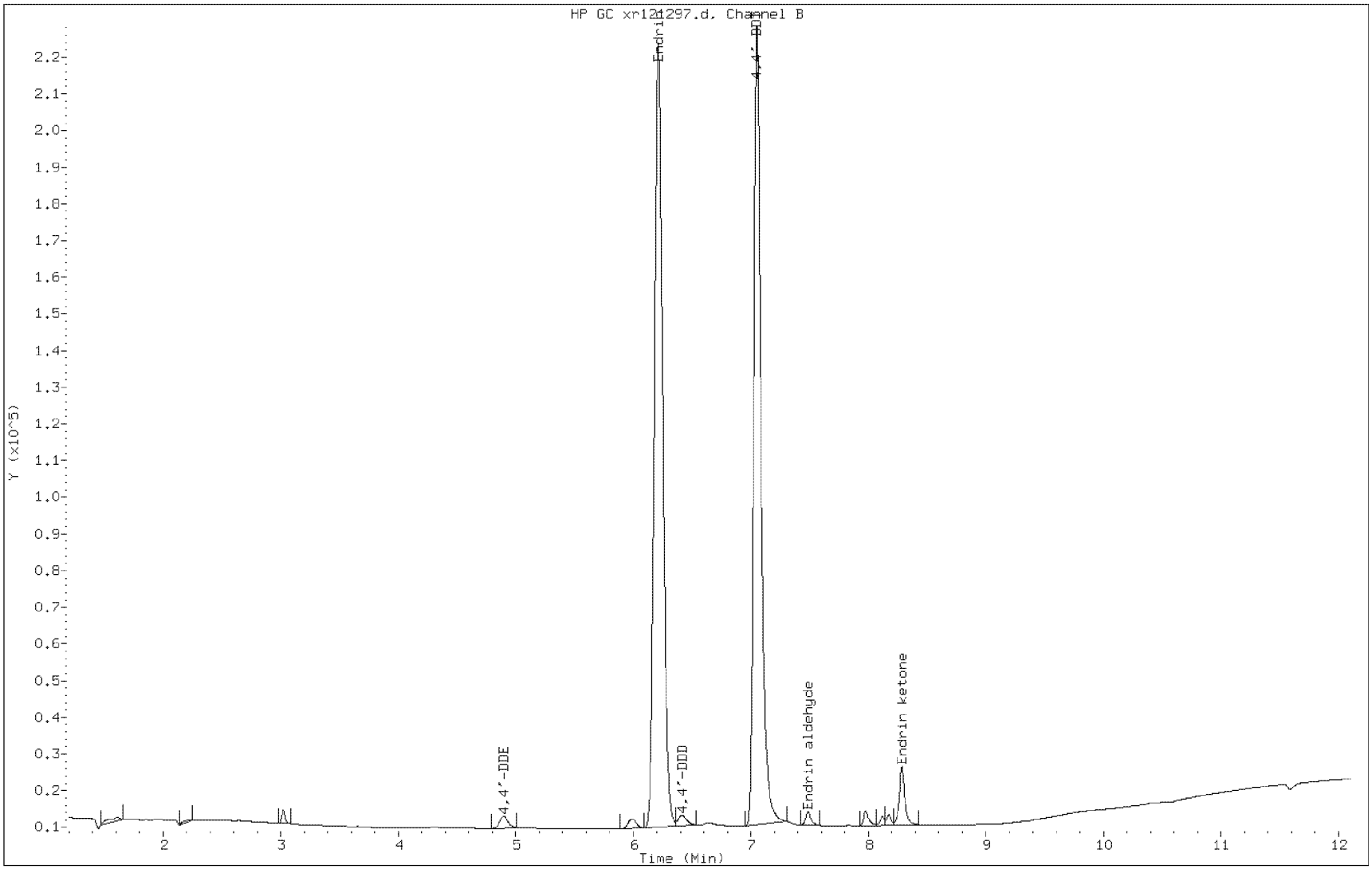
a - Target compound detected but, quantitated amount
Below Limit Of Quantitation(BLOQ).

Data File: xr121297.d

Date: 09-JUN-2011 07:32

Client ID: Instrument: PESTGC1.i

Sample Info: SGDDT/Ei_00013 Operator: 462



FORM VII
GC SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-27128-1

SDG No.:

Lab Sample ID: CCVRT 460-76035/5 Calibration Date: 06/08/2011 06:48

Instrument ID: PESTGC1 Calib Start Date: 06/02/2011 14:19

GC Column: CLP-2 ID: 0.53(mm) Calib End Date: 06/02/2011 15:14

Lab File ID: xf121230.d Conc. Units: ug/L

| ANALYTE | CURVE TYPE | AVE CF | CF | MIN CF | CALC AMOUNT | SPIKE AMOUNT | %D | MAX %D |
|---|---|---|---|---|---|---|---|---|
| alpha-BHC | Ave | 4173 | 4233 | | 101 | 100 | 1.4 | 15.0 |
| gamma-BHC (Lindane) | Ave | 3864 | 3928 | | 102 | 100 | 1.7 | 15.0 |
| beta-BHC | Ave | 1869 | 1842 | | 98.6 | 100 | -1.4 | 15.0 |
| delta-BHC | Ave | 4114 | 4231 | | 103 | 100 | 2.8 | 15.0 |
| Heptachlor | Ave | 4194 | 4348 | | 104 | 100 | 3.7 | 15.0 |
| Aldrin | Ave | 4143 | 4386 | | 106 | 100 | 5.9 | 15.0 |
| Heptachlor epoxide | Ave | 3975 | 4098 | | 103 | 100 | 3.1 | 15.0 |
| gamma-Chlordane | Ave | 4169 | 4094 | | 98.2 | 100 | -1.8 | 15.0 |
| alpha-Chlordane | Ave | 3652 | 3668 | | 100 | 100 | 0.4 | 15.0 |
| Endosulfan I | Ave | 3356 | 3368 | | 100 | 100 | 0.4 | 15.0 |
| 4,4'-DDE | Ave | 3175 | 3262 | | 103 | 100 | 2.8 | 15.0 |
| Dieldrin | Ave | 3291 | 3315 | | 101 | 100 | 0.7 | 15.0 |
| Endrin | Ave | 2772 | 2880 | | 104 | 100 | 3.9 | 15.0 |
| 4,4'-DDD | Ave | 2599 | 2591 | | 99.7 | 100 | -0.3 | 15.0 |
| Endosulfan II | Ave | 2822 | 2817 | | 99.8 | 100 | -0.2 | 15.0 |
| 4,4'-DDT | Ave | 2471 | 2544 | | 103 | 100 | 3.0 | 15.0 |
| Endrin aldehyde | Ave | 2310 | 2208 | | 95.6 | 100 | -4.4 | 15.0 |
| Endosulfan sulfate | Ave | 2551 | 2453 | | 96.1 | 100 | -3.9 | 15.0 |
| Methoxychlor | Ave | 1346 | 1299 | | 96.5 | 100 | -3.5 | 15.0 |
| Endrin ketone | Ave | 2802 | 2534 | | 90.4 | 100 | -9.6 | 15.0 |
| Tetrachloro-m-xylene | Ave | 2975 | 2891 | | 97.2 | 100 | -2.8 | 15.0 |
| DCB Decachlorobiphenyl | Ave | 2052 | 1906 | | 92.9 | 100 | -7.1 | 15.0 |

FORM VII
GC SEMI VOA CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-27128-1

SDG No.:

Lab Sample ID: CCVRT 460-76035/5 Calibration Date: 06/08/2011 06:48

Instrument ID: PESTGC1 Calib Start Date: 06/02/2011 14:19

GC Column: CLP-2 ID: 0.53(mm) Calib End Date: 06/02/2011 15:14

Lab File ID: xf121230.d

| Analyte | RT | RT WINDOW | |
|---|---|---|---|
| | | TO | FROM |
| alpha-BHC | 2.85 | 2.80 | 2.90 |
| gamma-BHC (Lindane) | 3.21 | 3.16 | 3.26 |
| beta-BHC | 3.30 | 3.25 | 3.35 |
| delta-BHC | 3.74 | 3.69 | 3.79 |
| Heptachlor | 3.89 | 3.84 | 3.94 |
| Aldrin | 4.74 | 4.68 | 4.78 |
| Heptachlor epoxide | 6.30 | 6.23 | 6.37 |
| gamma-Chlordane | 6.78 | 6.71 | 6.85 |
| alpha-Chlordane | 7.11 | 7.04 | 7.18 |
| Endosulfan I | 7.22 | 7.15 | 7.29 |
| 4,4'-DDE | 7.37 | 7.30 | 7.44 |
| Dieldrin | 7.61 | 7.54 | 7.68 |
| Endrin | 7.97 | 7.90 | 8.04 |
| 4,4'-DDD | 8.07 | 8.00 | 8.14 |
| Endosulfan II | 8.21 | 8.14 | 8.28 |
| 4,4'-DDT | 8.43 | 8.36 | 8.50 |
| Endrin aldehyde | 8.60 | 8.53 | 8.67 |
| Endosulfan sulfate | 8.93 | 8.86 | 9.00 |
| Methoxychlor | 9.22 | 9.15 | 9.29 |
| Endrin ketone | 9.49 | 9.42 | 9.56 |
| Tetrachloro-m-xylene | 2.35 | 2.30 | 2.40 |
| DCB Decachlorobiphenyl | 10.40 | 10.30 | 10.50 |

Data File: xf121230.d
Report Date: 08-Jun-2011 11:32

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC1.i/8081T/front/Jun11/06-08-11/08jun11a.b/xf121230.d
Lab Smp Id: SGPESTL3_00009
Inj Date : 08-JUN-2011 06:48
Operator : 462 Inst ID: PESTGC1.i
Smp Info : SGPESTL3_00009
Misc Info :
Comment :
Method : /chem1/PESTGC1.i/8081T/front/Jun11/06-08-11/08jun11a.b/09Xf8081.m
Meth Date : 08-Jun-2011 11:32 Ex. 4 CBI Quant Type: ESTD
Cal Date : 02-JUN-2011 15:42 Cal File: xf120980.d
Als bottle: 1 Continuing Calibration Sample
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: SCpestRANGE.sub
Target Version: 3.50 Sample Matrix: WATER
Processing Host: hpd3

Concentration Formula: Amt * DF * Vt/Vo * CpndVariable

| Name | Value | Description |
|---|---|---|
| DF | 1.00000 | Dilution Factor |
| Vt | 5.00000 | Volume of final extract (mL) |
| Vo | 100.00000 | Volume of sample extracted (mL) |

Cpnd Variable Local Compound Variable

| RT | EXP RT | DLT RT | RESPONSE | AMOUNTS CAL-AMT ( ug/L) | AMOUNTS ON-COL ( ug/L) | TARGET RANGE | RATIO |
|---|---|---|---|---|---|---|---|
| $ 28 Tetrachloro-m-xylene(surr) | | | | | CAS #: 877-09-8 | | |
| 2.353 | 2.353 | 0.000 | 289131 | 100.000 | 97 | 80.00- 120.00 | 100.00 |
| 2 alpha-BHC | | | | | CAS #: 319-84-6 | | |
| 2.853 | 2.853 | 0.000 | 423323 | 100.000 | 100 | 80.00- 120.00 | 100.00 |
| 5 gamma-BHC (Lindane) | | | | | CAS #: 58-89-9 | | |
| 3.213 | 3.213 | 0.000 | 392761 | 100.000 | 100 | 80.00- 120.00 | 100.00 |
| 3 beta-BHC | | | | | CAS #: 319-85-7 | | |
| 3.303 | 3.303 | 0.000 | 184223 | 100.000 | 98 | 80.00- 120.00 | 100.00 |
| 4 delta-BHC | | | | | CAS #: 319-86-8 | | |
| 3.740 | 3.740 | 0.000 | 423104 | 100.000 | 100 | 80.00- 120.00 | 100.00 |

Data File: xf121230.d
Report Date: 08-Jun-2011 11:32

| RT | EXP RT | DLT RT | RESPONSE | AMOUNTS CAL-AMT ( ug/L) | AMOUNTS ON-COL ( ug/L) | TARGET RANGE | RATIO |
|---|---|---|---|---|---|---|---|
| 17 Heptachlor | | | | | CAS #: 76-44-8 | | |
| 3.893 | 3.893 | 0.000 | 434771 | 100.000 | 100 | 80.00- 120.00 | 100.00 |
| 1 Aldrin | | | | | CAS #: 309-00-2 | | |
| 4.737 | 4.737 | 0.000 | 438569 | 100.000 | 100 | 80.00- 120.00 | 100.00 |
| 18 Heptachlor epoxide | | | | | CAS #: 1024-57-3 | | |
| 6.297 | 6.297 | 0.000 | 409752 | 100.000 | 100 | 80.00- 120.00 | 100.00 |
| 65 gamma-Chlordane | | | | | CAS #: 5103-74-2 | | |
| 6.777 | 6.777 | 0.000 | 409421 | 100.000 | 98 | 80.00- 120.00 | 100.00 |
| 66 alpha-Chlordane | | | | | CAS #: 5103-71-9 | | |
| 7.107 | 7.107 | 0.000 | 366841 | 100.000 | 100 | 80.00- 120.00 | 100.00 |
| 11 Endosulfan I | | | | | CAS #: 959-98-8 | | |
| 7.220 | 7.220 | 0.000 | 336812 | 100.000 | 100 | 80.00- 120.00 | 100.00 |
| 8 4,4'-DDE | | | | | CAS #: 72-55-9 | | |
| 7.370 | 7.370 | 0.000 | 326216 | 100.000 | 100 | 80.00- 120.00 | 100.00 |
| 10 Dieldrin | | | | | CAS #: 60-57-1 | | |
| 7.613 | 7.613 | 0.000 | 331508 | 100.000 | 100 | 80.00- 120.00 | 100.00 |
| 14 Endrin | | | | | CAS #: 72-20-8 | | |
| 7.970 | 7.970 | 0.000 | 288023 | 100.000 | 100 | 80.00- 120.00 | 100.00 |
| 7 4,4'-DDD | | | | | CAS #: 72-54-8 | | |
| 8.070 | 8.070 | 0.000 | 259068 | 100.000 | 100 | 80.00- 120.00 | 100.00 |
| 12 Endosulfan II | | | | | CAS #: 33213-65-9 | | |
| 8.210 | 8.210 | 0.000 | 281654 | 100.000 | 100 | 80.00- 120.00 | 100.00 |
| 9 4,4'-DDT | | | | | CAS #: 50-29-3 | | |
| 8.433 | 8.433 | 0.000 | 254445 | 100.000 | 100 | 80.00- 120.00 | 100.00 |
| 15 Endrin aldehyde | | | | | CAS #: 7421-93-4 | | |
| 8.600 | 8.600 | 0.000 | 220765 | 100.000 | 96 | 80.00- 120.00 | 100.00 |
| 13 Endosulfan sulfate | | | | | CAS #: 1031-07-8 | | |
| 8.927 | 8.927 | 0.000 | 245269 | 100.000 | 96 | 80.00- 120.00 | 100.00 |
| 19 Methoxychlor | | | | | CAS #: 72-43-5 | | |
| 9.223 | 9.223 | 0.000 | 129937 | 100.000 | 96 | 80.00- 120.00 | 100.00 |
| 16 Endrin ketone | | | | | CAS #: 53494-70-5 | | |
| 9.490 | 9.490 | 0.000 | 253409 | 100.000 | 90 | 80.00- 120.00 | 100.00 |

Data File: xf121230.d
Report Date: 08-Jun-2011 11:32

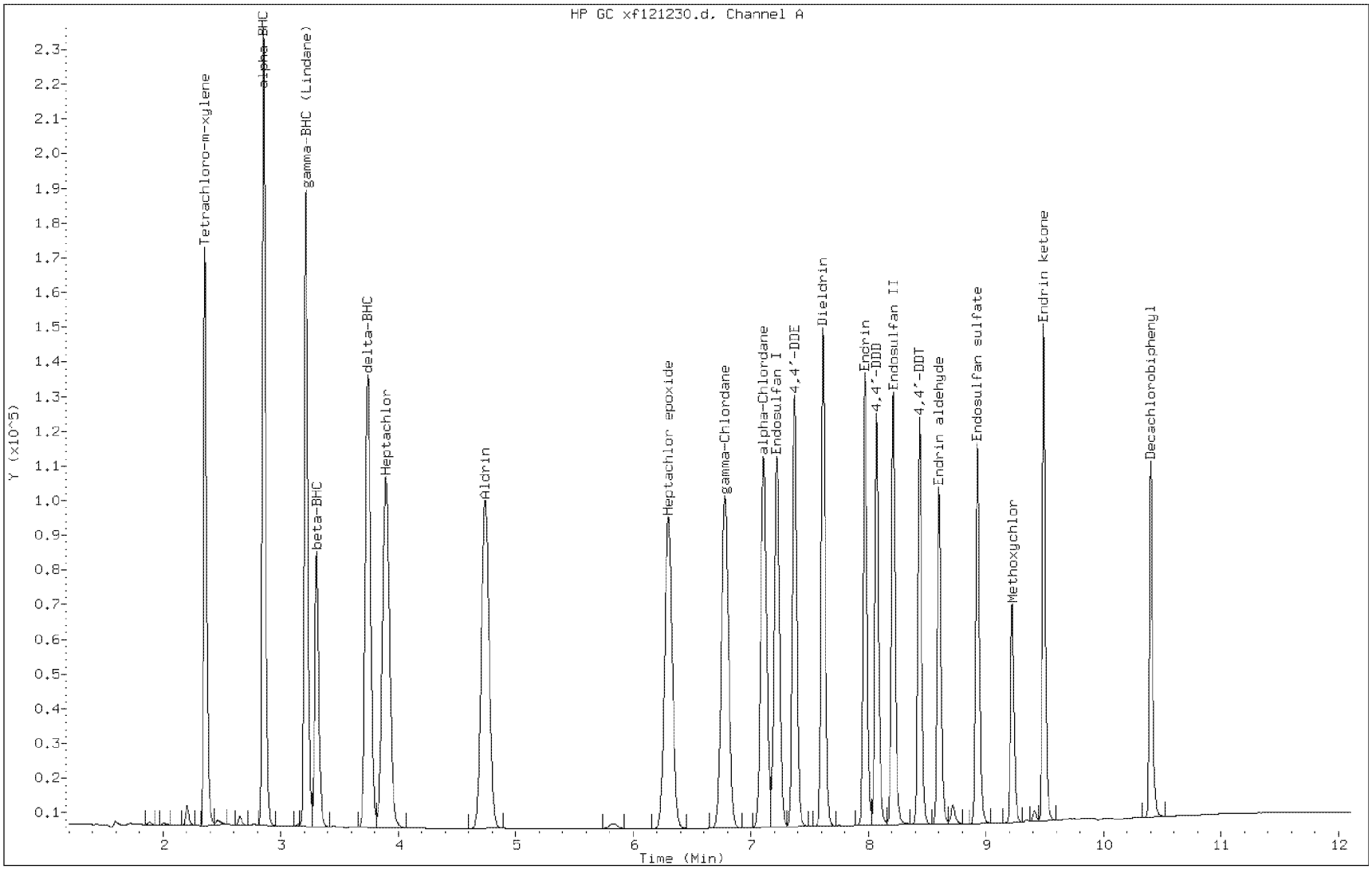
| RT | EXP RT | DLT RT | RESPONSE | AMOUNTS CAL-AMT ( ug/L) | AMOUNTS ON-COL ( ug/L) | TARGET RANGE | RATIO |
|---|---|---|---|---|---|---|---|
| $ 30 Decachlorobiphenyl(surr) | | | | | CAS #: 2051-24-3 | | |
| 10.400 | 10.400 | 0.000 | 190583 | 100.000 | 93 | 80.00- 120.00 | 100.00 |

Data File: xf121230.d

Date: 08-JUN-2011 06:48

Client ID: Instrument: PESTGC1.i

Sample Info: SGPESTL3_00009 Operator: 462



FORM VII
GC SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-27128-1

SDG No.:

Lab Sample ID: CCVRT 460-76035/5 Calibration Date: 06/08/2011 06:48

Instrument ID: PESTGC1 Calib Start Date: 06/02/2011 14:19

GC Column: CLP-1 ID: 0.53(mm) Calib End Date: 06/02/2011 15:14

Lab File ID: xr121230.d Conc. Units: ug/L

| ANALYTE | CURVE TYPE | AVE CF | CF | MIN CF | CALC AMOUNT | SPIKE AMOUNT | %D | MAX %D |
|---|---|---|---|---|---|---|---|---|
| alpha-BHC | Ave | 6376 | 6369 | | 99.9 | 100 | -0.1 | 15.0 |
| gamma-BHC (Lindane) | Ave | 5208 | 5252 | | 101 | 100 | 0.9 | 15.0 |
| beta-BHC | Ave | 3069 | 3073 | | 100 | 100 | 0.1 | 15.0 |
| delta-BHC | Ave | 5575 | 5627 | | 101 | 100 | 0.9 | 15.0 |
| Heptachlor | Ave | 5221 | 5415 | | 104 | 100 | 3.7 | 15.0 |
| Aldrin | Ave | 5026 | 5014 | | 99.7 | 100 | -0.3 | 15.0 |
| Heptachlor epoxide | Ave | 5286 | 5248 | | 99.3 | 100 | -0.7 | 15.0 |
| gamma-Chlordane | Ave | 5262 | 5194 | | 98.7 | 100 | -1.3 | 15.0 |
| alpha-Chlordane | Ave | 4928 | 5022 | | 102 | 100 | 1.9 | 15.0 |
| 4,4'-DDE | Ave | 4224 | 4151 | | 98.3 | 100 | -1.7 | 15.0 |
| Endosulfan I | Ave | 5063 | 5227 | | 103 | 100 | 3.2 | 15.0 |
| Dieldrin | Ave | 4915 | 5004 | | 102 | 100 | 1.8 | 15.0 |
| Endrin | Ave | 4189 | 4563 | | 109 | 100 | 8.9 | 15.0 |
| 4,4'-DDD | Ave | 3744 | 3889 | | 104 | 100 | 3.9 | 15.0 |
| Endosulfan II | Ave | 4412 | 4428 | | 100 | 100 | 0.4 | 15.0 |
| 4,4'-DDT | Ave | 3443 | 3792 | | 110 | 100 | 10.1 | 15.0 |
| Endrin aldehyde | Ave | 3122 | 3121 | | 100 | 100 | -0.0 | 15.0 |
| Methoxychlor | Ave | 1842 | 1945 | | 106 | 100 | 5.6 | 15.0 |
| Endosulfan sulfate | Ave | 3231 | 3289 | | 102 | 100 | 1.8 | 15.0 |
| Endrin ketone | Ave | 3923 | 3789 | | 96.6 | 100 | -3.4 | 15.0 |
| Tetrachloro-m-xylene | Ave | 4708 | 4571 | | 97.1 | 100 | -2.9 | 15.0 |
| DCB Decachlorobiphenyl | Ave | 2684 | 2584 | | 96.3 | 100 | -3.7 | 15.0 |

FORM VII
GC SEMI VOA CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-27128-1

SDG No.:

Lab Sample ID: CCVRT 460-76035/5 Calibration Date: 06/08/2011 06:48

Instrument ID: PESTGC1 Calib Start Date: 06/02/2011 14:19

GC Column: CLP-1 ID: 0.53(mm) Calib End Date: 06/02/2011 15:14

Lab File ID: xr121230.d

| Analyte | RT | RT WINDOW | |
|---|---|---|---|
| | | TO | FROM |
| alpha-BHC | 2.33 | 2.28 | 2.38 |
| gamma-BHC (Lindane) | 2.55 | 2.50 | 2.60 |
| beta-BHC | 2.61 | 2.56 | 2.66 |
| delta-BHC | 2.74 | 2.68 | 2.78 |
| Heptachlor | 2.91 | 2.85 | 2.95 |
| Aldrin | 3.18 | 3.12 | 3.22 |
| Heptachlor epoxide | 4.07 | 3.99 | 4.13 |
| gamma-Chlordane | 4.36 | 4.29 | 4.43 |
| alpha-Chlordane | 4.69 | 4.61 | 4.75 |
| 4,4'-DDE | 4.90 | 4.83 | 4.97 |
| Endosulfan I | 5.01 | 4.93 | 5.07 |
| Dieldrin | 5.62 | 5.55 | 5.69 |
| Endrin | 6.22 | 6.14 | 6.28 |
| 4,4'-DDD | 6.42 | 6.34 | 6.48 |
| Endosulfan II | 6.75 | 6.67 | 6.81 |
| 4,4'-DDT | 7.06 | 6.98 | 7.12 |
| Endrin aldehyde | 7.49 | 7.41 | 7.55 |
| Methoxychlor | 7.73 | 7.66 | 7.80 |
| Endosulfan sulfate | 7.97 | 7.90 | 8.04 |
| Endrin ketone | 8.28 | 8.21 | 8.35 |
| Tetrachloro-m-xylene | 1.95 | 1.89 | 1.99 |
| DCB Decachlorobiphenyl | 9.40 | 9.30 | 9.50 |

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC1.i/8081T/rear/Jun11/06-08-11/08jun11a.b/xr121230.d
Lab Smp Id: SGPESTL3_00009
Inj Date : 08-JUN-2011 06:48
Operator : 462 Inst ID: PESTGC1.i
Smp Info : SGPESTL3_00009
Misc Info :
Comment :
Method : /chem1/PESTGC1.i/8081T/rear/Jun11/06-08-11/08jun11a.b/09Xr8081.m
Meth Date : 08-Jun-2011 06:43 Ex. 4 CBI Quant Type: ESTD
Cal Date : 02-JUN-2011 15:42 Cal File: xr120980.d
Als bottle: 1 Continuing Calibration Sample
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: SCpestRANGE.sub
Target Version: 3.50 Sample Matrix: WATER
Processing Host: hpd3

Concentration Formula: Amt * DF * Vt/Vo * CpndVariable

| Name | Value | Description |
|---|---|---|
| DF | 1.00000 | Dilution Factor |
| Vt | 5.00000 | Volume of final extract (mL) |
| Vo | 100.00000 | Volume of sample extracted (mL) |

Cpnd Variable Local Compound Variable

| RT | EXP RT | DLT RT | RESPONSE | AMOUNTS CAL-AMT ( ug/L) | AMOUNTS ON-COL ( ug/L) | TARGET RANGE | RATIO |
|---|---|---|---|---|---|---|---|
| $ 28 Tetrachloro-m-xylene(surr) | | | | | CAS #: 877-09-8 | | |
| 1.950 | 1.950 | 0.000 | 457066 | 100.000 | 97 | 80.00- 120.00 | 100.00 |
| 2 alpha-BHC | | | | | CAS #: 319-84-6 | | |
| 2.330 | 2.330 | 0.000 | 636878 | 100.000 | 100 | 80.00- 120.00 | 100.00 |
| 5 gamma-BHC (Lindane) | | | | | CAS #: 58-89-9 | | |
| 2.550 | 2.550 | 0.000 | 525222 | 100.000 | 100 | 80.00- 120.00 | 100.00 |
| 3 beta-BHC | | | | | CAS #: 319-85-7 | | |
| 2.610 | 2.610 | 0.000 | 307252 | 100.000 | 100 | 80.00- 120.00 | 100.00 |
| 4 delta-BHC | | | | | CAS #: 319-86-8 | | |
| 2.737 | 2.737 | 0.000 | 562744 | 100.000 | 100 | 80.00- 120.00 | 100.00 |

| RT | EXP RT | DLT RT | RESPONSE | AMOUNTS CAL-AMT ( ug/L) | AMOUNTS ON-COL ( ug/L) | TARGET RANGE | RATIO |
|---|---|---|---|---|---|---|---|
| 17 Heptachlor | | | | | CAS #: 76-44-8 | | |
| 2.910 | 2.910 | 0.000 | 541474 | 100.000 | 100 | 80.00- 120.00 | 100.00 |
| 1 Aldrin | | | | | CAS #: 309-00-2 | | |
| 3.177 | 3.177 | 0.000 | 501368 | 100.000 | 100 | 80.00- 120.00 | 100.00 |
| 18 Heptachlor epoxide | | | | | CAS #: 1024-57-3 | | |
| 4.067 | 4.067 | 0.000 | 524836 | 100.000 | 99 | 80.00- 120.00 | 100.00 |
| 65 gamma-Chlordane | | | | | CAS #: 5103-74-2 | | |
| 4.363 | 4.363 | 0.000 | 519377 | 100.000 | 99 | 80.00- 120.00 | 100.00 |
| 66 alpha-Chlordane | | | | | CAS #: 5103-71-9 | | |
| 4.687 | 4.687 | 0.000 | 502172 | 100.000 | 100 | 80.00- 120.00 | 100.00 |
| 8 4,4'-DDE | | | | | CAS #: 72-55-9 | | |
| 4.903 | 4.903 | 0.000 | 415124 | 100.000 | 98 | 80.00- 120.00 | 100.00 |
| 11 Endosulfan I | | | | | CAS #: 959-98-8 | | |
| 5.007 | 5.007 | 0.000 | 522657 | 100.000 | 100 | 80.00- 120.00 | 100.00 |
| 10 Dieldrin | | | | | CAS #: 60-57-1 | | |
| 5.623 | 5.623 | 0.000 | 500443 | 100.000 | 100 | 80.00- 120.00 | 100.00 |
| 14 Endrin | | | | | CAS #: 72-20-8 | | |
| 6.220 | 6.220 | 0.000 | 456269 | 100.000 | 110 | 80.00- 120.00 | 100.00 |
| 7 4,4'-DDD | | | | | CAS #: 72-54-8 | | |
| 6.417 | 6.417 | 0.000 | 388920 | 100.000 | 100 | 80.00- 120.00 | 100.00 |
| 12 Endosulfan II | | | | | CAS #: 33213-65-9 | | |
| 6.747 | 6.747 | 0.000 | 442847 | 100.000 | 100 | 80.00- 120.00 | 100.00 |
| 9 4,4'-DDT | | | | | CAS #: 50-29-3 | | |
| 7.057 | 7.057 | 0.000 | 379190 | 100.000 | 110 | 80.00- 120.00 | 100.00 |
| 15 Endrin aldehyde | | | | | CAS #: 7421-93-4 | | |
| 7.487 | 7.487 | 0.000 | 312069 | 100.000 | 100 | 80.00- 120.00 | 100.00 |
| 19 Methoxychlor | | | | | CAS #: 72-43-5 | | |
| 7.733 | 7.733 | 0.000 | 194480 | 100.000 | 100 | 80.00- 120.00 | 100.00 |
| 13 Endosulfan sulfate | | | | | CAS #: 1031-07-8 | | |
| 7.973 | 7.973 | 0.000 | 328926 | 100.000 | 100 | 80.00- 120.00 | 100.00 |
| 16 Endrin ketone | | | | | CAS #: 53494-70-5 | | |
| 8.283 | 8.283 | 0.000 | 378855 | 100.000 | 96 | 80.00- 120.00 | 100.00 |

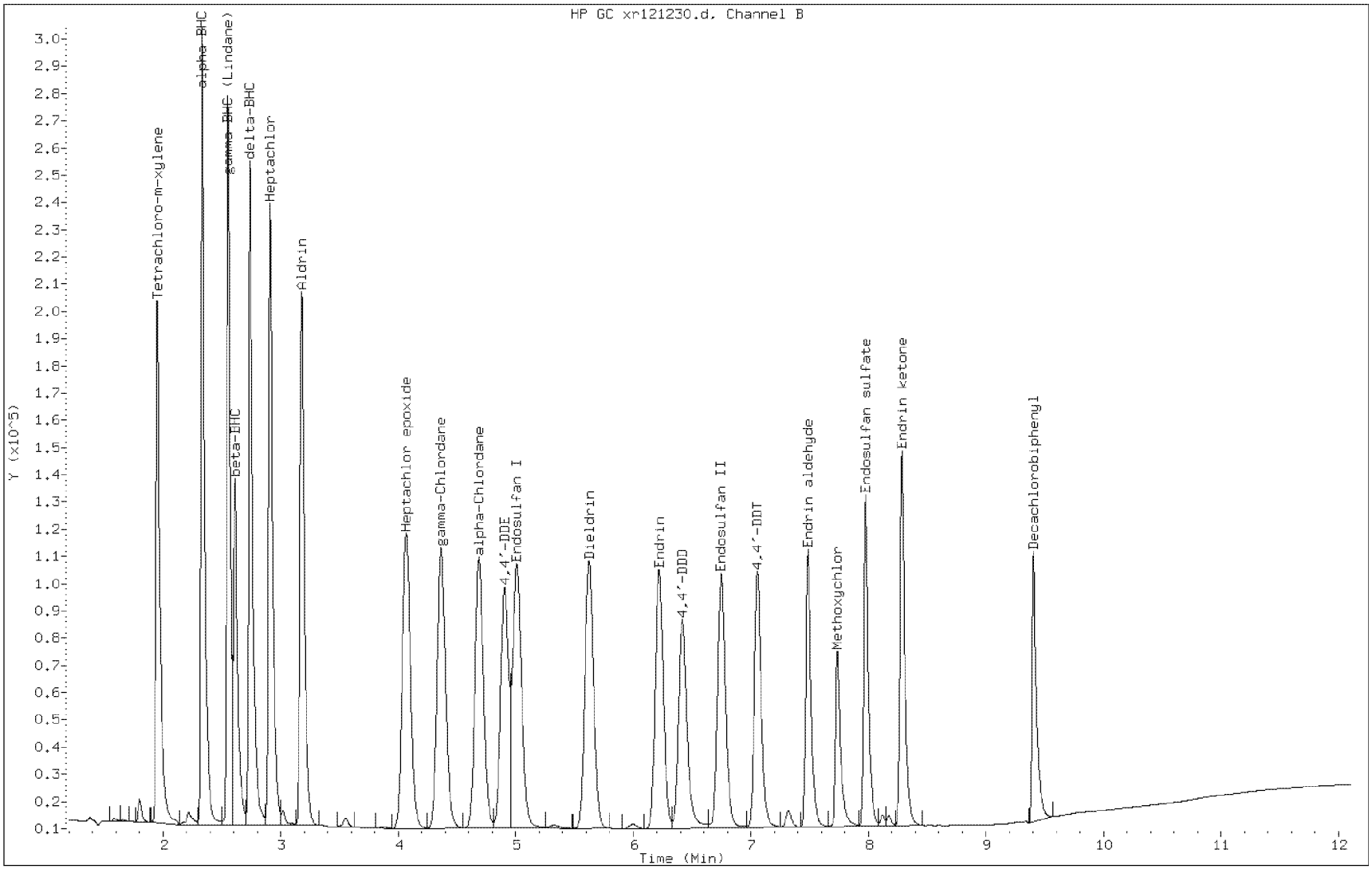
| RT | EXP RT | DLT RT | RESPONSE | AMOUNTS CAL-AMT ( ug/L) | AMOUNTS ON-COL ( ug/L) | TARGET RANGE | RATIO |
|---|---|---|---|---|---|---|---|
| $ 30 Decachlorobiphenyl(surr) | | | | | CAS #: 2051-24-3 | | |
| 9.403 | 9.403 | 0.000 | 258366 | 100.000 | 96 | 80.00- 120.00 | 100.00 |

Data File: xr121230.d

Date: 08-JUN-2011 06:48

Client ID: Instrument: PESTGC1.i

Sample Info: SGPESTL3_00009 Operator: 462



FORM VII
GC SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-27128-1

SDG No.:

Lab Sample ID: CCV 460-76035/25 Calibration Date: 06/08/2011 11:40

Instrument ID: PESTGC1 Calib Start Date: 06/02/2011 14:19

GC Column: CLP-2 ID: 0.53(mm) Calib End Date: 06/02/2011 15:14

Lab File ID: xf121250.d Conc. Units: ug/L

| ANALYTE | CURVE TYPE | AVE CF | CF | MIN CF | CALC AMOUNT | SPIKE AMOUNT | %D | MAX %D |
|---|---|---|---|---|---|---|---|---|
| alpha-BHC | Ave | 4173 | 4360 | | 104 | 100 | 4.5 | 15.0 |
| gamma-BHC (Lindane) | Ave | 3864 | 4066 | | 105 | 100 | 5.2 | 15.0 |
| beta-BHC | Ave | 1869 | 1917 | | 103 | 100 | 2.6 | 15.0 |
| delta-BHC | Ave | 4114 | 4401 | | 107 | 100 | 7.0 | 15.0 |
| Heptachlor | Ave | 4194 | 4336 | | 103 | 100 | 3.4 | 15.0 |
| Aldrin | Ave | 4143 | 4507 | | 109 | 100 | 8.8 | 15.0 |
| Heptachlor epoxide | Ave | 3975 | 4216 | | 106 | 100 | 6.1 | 15.0 |
| gamma-Chlordane | Ave | 4169 | 4244 | | 102 | 100 | 1.8 | 15.0 |
| alpha-Chlordane | Ave | 3652 | 3817 | | 105 | 100 | 4.5 | 15.0 |
| Endosulfan I | Ave | 3356 | 3531 | | 105 | 100 | 5.2 | 15.0 |
| 4,4'-DDE | Ave | 3175 | 3414 | | 108 | 100 | 7.5 | 15.0 |
| Dieldrin | Ave | 3291 | 3467 | | 105 | 100 | 5.3 | 15.0 |
| Endrin | Ave | 2772 | 2662 | | 96.0 | 100 | -4.0 | 15.0 |
| 4,4'-DDD | Ave | 2599 | 2808 | | 108 | 100 | 8.0 | 15.0 |
| Endosulfan II | Ave | 2822 | 2965 | | 105 | 100 | 5.1 | 15.0 |
| 4,4'-DDT | Ave | 2471 | 2296 | | 92.9 | 100 | -7.1 | 15.0 |
| Endrin aldehyde | Ave | 2310 | 2339 | | 101 | 100 | 1.2 | 15.0 |
| Endosulfan sulfate | Ave | 2551 | 2567 | | 101 | 100 | 0.6 | 15.0 |
| Methoxychlor | Ave | 1346 | 1199 | | 89.1 | 100 | -10.9 | 15.0 |
| Endrin ketone | Ave | 2802 | 2671 | | 95.3 | 100 | -4.7 | 15.0 |
| Tetrachloro-m-xylene | Ave | 2975 | 2968 | | 99.8 | 100 | -0.2 | 15.0 |
| DCB Decachlorobiphenyl | Ave | 2052 | 1934 | | 94.3 | 100 | -5.7 | 15.0 |

FORM VII
GC SEMI VOA CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-27128-1

SDG No.:

Lab Sample ID: CCV 460-76035/25 Calibration Date: 06/08/2011 11:40

Instrument ID: PESTGC1 Calib Start Date: 06/02/2011 14:19

GC Column: CLP-2 ID: 0.53(mm) Calib End Date: 06/02/2011 15:14

Lab File ID: xf121250.d

| Analyte | RT | RT WINDOW | |
|---|---|---|---|
| | | TO | FROM |
| alpha-BHC | 2.85 | 2.80 | 2.90 |
| gamma-BHC (Lindane) | 3.21 | 3.16 | 3.26 |
| beta-BHC | 3.30 | 3.25 | 3.35 |
| delta-BHC | 3.74 | 3.69 | 3.79 |
| Heptachlor | 3.89 | 3.84 | 3.94 |
| Aldrin | 4.73 | 4.68 | 4.78 |
| Heptachlor epoxide | 6.30 | 6.23 | 6.37 |
| gamma-Chlordane | 6.78 | 6.71 | 6.85 |
| alpha-Chlordane | 7.11 | 7.04 | 7.18 |
| Endosulfan I | 7.22 | 7.15 | 7.29 |
| 4,4'-DDE | 7.37 | 7.30 | 7.44 |
| Dieldrin | 7.61 | 7.54 | 7.68 |
| Endrin | 7.97 | 7.90 | 8.04 |
| 4,4'-DDD | 8.07 | 8.00 | 8.14 |
| Endosulfan II | 8.21 | 8.14 | 8.28 |
| 4,4'-DDT | 8.43 | 8.36 | 8.50 |
| Endrin aldehyde | 8.60 | 8.53 | 8.67 |
| Endosulfan sulfate | 8.93 | 8.86 | 9.00 |
| Methoxychlor | 9.22 | 9.15 | 9.29 |
| Endrin ketone | 9.49 | 9.42 | 9.56 |
| Tetrachloro-m-xylene | 2.35 | 2.30 | 2.40 |
| DCB Decachlorobiphenyl | 10.40 | 10.30 | 10.50 |

Data File: xf121250.d
Report Date: 08-Jun-2011 11:36

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC1.i/8081T/front/Jun11/06-08-11/08jun11a.b/xf121250.d
Lab Smp Id: PESTL3_00009
Inj Date : 08-JUN-2011 11:40
Operator : 462 Inst ID: PESTGC1.i
Smp Info : SGPESTL3_00009
Misc Info :
Comment :
Method : /chem1/PESTGC1.i/8081T/front/Jun11/06-08-11/08jun11a.b/09Xf8081.m
Meth Date : 08-Jun-2011 11:36 Ex. 4 CBI Quant Type: ESTD
Cal Date : 02-JUN-2011 15:42 Cal File: xf120980.d
Als bottle: 1 Continuing Calibration Sample
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: SCpestRANGE.sub
Target Version: 3.50 Sample Matrix: WATER
Processing Host: hpd3

Concentration Formula: Amt * DF * Vt/Vo * CpndVariable

| Name | Value | Description |
|---|---|---|
| DF | 1.00000 | Dilution Factor |
| Vt | 5.00000 | Volume of final extract (mL) |
| Vo | 100.00000 | Volume of sample extracted (mL) |

Cpnd Variable Local Compound Variable

| RT | EXP RT | DLT RT | RESPONSE | AMOUNTS CAL-AMT ( ug/L) | AMOUNTS ON-COL ( ug/L) | TARGET RANGE | RATIO |
|---|---|---|---|---|---|---|---|
| $ 28 Tetrachloro-m-xylene(surr) | | | | | CAS #: 877-09-8 | | |
| 2.350 | 2.350 | 0.000 | 296759 | 100.000 | 100 | 80.00- 120.00 | 100.00(a) |
| 2 alpha-BHC | | | | | CAS #: 319-84-6 | | |
| 2.850 | 2.850 | 0.000 | 436006 | 100.000 | 100 | 80.00- 120.00 | 100.00(a) |
| 5 gamma-BHC (Lindane) | | | | | CAS #: 58-89-9 | | |
| 3.210 | 3.210 | 0.000 | 406564 | 100.000 | 100 | 80.00- 120.00 | 100.00(a) |
| 3 beta-BHC | | | | | CAS #: 319-85-7 | | |
| 3.303 | 3.303 | 0.000 | 191719 | 100.000 | 100 | 80.00- 120.00 | 100.00(a) |
| 4 delta-BHC | | | | | CAS #: 319-86-8 | | |
| 3.737 | 3.737 | 0.000 | 440067 | 100.000 | 110 | 80.00- 120.00 | 100.00(a) |

Data File: xf121250.d
Report Date: 08-Jun-2011 11:36

| RT | EXP RT | DLT RT | RESPONSE | AMOUNTS CAL-AMT ( ug/L) | AMOUNTS ON-COL ( ug/L) | TARGET RANGE | RATIO |
|---|---|---|---|---|---|---|---|
| 17 Heptachlor | | | | | CAS #: 76-44-8 | | |
| 3.890 | 3.890 | 0.000 | 433575 | 100.000 | 100 | 80.00- 120.00 | 100.00(a) |
| 1 Aldrin | | | | | CAS #: 309-00-2 | | |
| 4.733 | 4.733 | 0.000 | 450727 | 100.000 | 110 | 80.00- 120.00 | 100.00(a) |
| 18 Heptachlor epoxide | | | | | CAS #: 1024-57-3 | | |
| 6.297 | 6.297 | 0.000 | 421566 | 100.000 | 110 | 80.00- 120.00 | 100.00(a) |
| 65 gamma-Chlordane | | | | | CAS #: 5103-74-2 | | |
| 6.777 | 6.777 | 0.000 | 424393 | 100.000 | 100 | 80.00- 120.00 | 100.00(a) |
| 66 alpha-Chlordane | | | | | CAS #: 5103-71-9 | | |
| 7.107 | 7.107 | 0.000 | 381699 | 100.000 | 100 | 80.00- 120.00 | 100.00(a) |
| 11 Endosulfan I | | | | | CAS #: 959-98-8 | | |
| 7.220 | 7.220 | 0.000 | 353128 | 100.000 | 100 | 80.00- 120.00 | 100.00(a) |
| 8 4,4'-DDE | | | | | CAS #: 72-55-9 | | |
| 7.370 | 7.370 | 0.000 | 341368 | 100.000 | 110 | 80.00- 120.00 | 100.00(a) |
| 10 Dieldrin | | | | | CAS #: 60-57-1 | | |
| 7.610 | 7.610 | 0.000 | 346687 | 100.000 | 100 | 80.00- 120.00 | 100.00(a) |
| 14 Endrin | | | | | CAS #: 72-20-8 | | |
| 7.967 | 7.967 | 0.000 | 266203 | 100.000 | 96 | 80.00- 120.00 | 100.00(a) |
| 7 4,4'-DDD | | | | | CAS #: 72-54-8 | | |
| 8.070 | 8.070 | 0.000 | 280779 | 100.000 | 110 | 80.00- 120.00 | 100.00(a) |
| 12 Endosulfan II | | | | | CAS #: 33213-65-9 | | |
| 8.210 | 8.210 | 0.000 | 296512 | 100.000 | 100 | 80.00- 120.00 | 100.00(a) |
| 9 4,4'-DDT | | | | | CAS #: 50-29-3 | | |
| 8.433 | 8.433 | 0.000 | 229641 | 100.000 | 93 | 80.00- 120.00 | 100.00(a) |
| 15 Endrin aldehyde | | | | | CAS #: 7421-93-4 | | |
| 8.597 | 8.597 | 0.000 | 233912 | 100.000 | 100 | 80.00- 120.00 | 100.00(a) |
| 13 Endosulfan sulfate | | | | | CAS #: 1031-07-8 | | |
| 8.927 | 8.927 | 0.000 | 256705 | 100.000 | 100 | 80.00- 120.00 | 100.00(a) |
| 19 Methoxychlor | | | | | CAS #: 72-43-5 | | |
| 9.220 | 9.220 | 0.000 | 119886 | 100.000 | 89 | 80.00- 120.00 | 100.00(a) |
| 16 Endrin ketone | | | | | CAS #: 53494-70-5 | | |
| 9.490 | 9.490 | 0.000 | 267125 | 100.000 | 95 | 80.00- 120.00 | 100.00(a) |

Data File: xf121250.d
Report Date: 08-Jun-2011 11:36

| RT | EXP RT | DLT RT | RESPONSE | AMOUNTS CAL-AMT ( ug/L) | AMOUNTS ON-COL ( ug/L) | TARGET RANGE | RATIO |
|---|---|---|---|---|---|---|---|
| $ 30 Decachlorobiphenyl(surr) | | | | | CAS #: 2051-24-3 | | |
| 10.400 | 10.400 | 0.000 | 193399 | 100.000 | 94 | 80.00- 120.00 | 100.00(a) |

QC Flag Legend

a - Target compound detected but, quantitated amount
Below Limit Of Quantitation(BLOQ).

Data File: xf121250.d
Report Date: 09-Jun-2011 07:04

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC1.i/8081T/front/Jun11/06-08-11/08jun11b.b/xf121250.d
Lab Smp Id: SGPESTL3_00009
Inj Date : 08-JUN-2011 11:40
Operator : 462 Inst ID: PESTGC1.i
Smp Info : SGPESTL3_00009
Misc Info :
Comment :
Method : /chem1/PESTGC1.i/8081T/front/Jun11/06-08-11/08jun11b.b/09Xf8081.m
Meth Date : 09-Jun-2011 07:04 Ex. 4 CBI Quant Type: ESTD
Cal Date : 02-JUN-2011 15:42 Cal File: xf120980.d
Als bottle: 1 Continuing Calibration Sample
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: SCpestRANGE.sub
Target Version: 3.50 Sample Matrix: WATER
Processing Host: hpd3

Concentration Formula: Amt * DF * Vt/Vo * CpndVariable

| Name | Value | Description |
|---|---|---|
| DF | 1.00000 | Dilution Factor |
| Vt | 5.00000 | Volume of final extract (mL) |
| Vo | 100.00000 | Volume of sample extracted (mL) |

Cpnd Variable Local Compound Variable

| RT | EXP RT | DLT RT | RESPONSE | AMOUNTS CAL-AMT ( ug/L) | AMOUNTS ON-COL ( ug/L) | TARGET RANGE | RATIO |
|---|---|---|---|---|---|---|---|
| $ 28 Tetrachloro-m-xylene(surr) | | | | | CAS #: 877-09-8 | | |
| 2.350 | 2.350 | 0.000 | 296759 | 100.000 | 100 | 80.00- 120.00 | 100.00(a) |
| 2 alpha-BHC | | | | | CAS #: 319-84-6 | | |
| 2.850 | 2.850 | 0.000 | 436006 | 100.000 | 100 | 80.00- 120.00 | 100.00(a) |
| 5 gamma-BHC (Lindane) | | | | | CAS #: 58-89-9 | | |
| 3.210 | 3.210 | 0.000 | 406564 | 100.000 | 100 | 80.00- 120.00 | 100.00(a) |
| 3 beta-BHC | | | | | CAS #: 319-85-7 | | |
| 3.303 | 3.303 | 0.000 | 191719 | 100.000 | 100 | 80.00- 120.00 | 100.00(a) |
| 4 delta-BHC | | | | | CAS #: 319-86-8 | | |
| 3.737 | 3.737 | 0.000 | 440067 | 100.000 | 110 | 80.00- 120.00 | 100.00(a) |

Data File: xf121250.d
Report Date: 09-Jun-2011 07:04

| RT | EXP RT | DLT RT | RESPONSE | AMOUNTS CAL-AMT ( ug/L) | AMOUNTS ON-COL ( ug/L) | TARGET RANGE | RATIO |
|---|---|---|---|---|---|---|---|
| 17 Heptachlor | | | | | CAS #: 76-44-8 | | |
| 3.890 | 3.890 | 0.000 | 433575 | 100.000 | 100 | 80.00- 120.00 | 100.00(a) |
| 1 Aldrin | | | | | CAS #: 309-00-2 | | |
| 4.733 | 4.733 | 0.000 | 450727 | 100.000 | 110 | 80.00- 120.00 | 100.00(a) |
| 18 Heptachlor epoxide | | | | | CAS #: 1024-57-3 | | |
| 6.297 | 6.297 | 0.000 | 421566 | 100.000 | 110 | 80.00- 120.00 | 100.00(a) |
| 65 gamma-Chlordane | | | | | CAS #: 5103-74-2 | | |
| 6.777 | 6.777 | 0.000 | 424393 | 100.000 | 100 | 80.00- 120.00 | 100.00(a) |
| 66 alpha-Chlordane | | | | | CAS #: 5103-71-9 | | |
| 7.107 | 7.107 | 0.000 | 381699 | 100.000 | 100 | 80.00- 120.00 | 100.00(a) |
| 11 Endosulfan I | | | | | CAS #: 959-98-8 | | |
| 7.220 | 7.220 | 0.000 | 353128 | 100.000 | 100 | 80.00- 120.00 | 100.00(a) |
| 8 4,4'-DDE | | | | | CAS #: 72-55-9 | | |
| 7.370 | 7.370 | 0.000 | 341368 | 100.000 | 110 | 80.00- 120.00 | 100.00(a) |
| 10 Dieldrin | | | | | CAS #: 60-57-1 | | |
| 7.610 | 7.610 | 0.000 | 346687 | 100.000 | 100 | 80.00- 120.00 | 100.00(a) |
| 14 Endrin | | | | | CAS #: 72-20-8 | | |
| 7.967 | 7.967 | 0.000 | 266203 | 100.000 | 96 | 80.00- 120.00 | 100.00(a) |
| 7 4,4'-DDD | | | | | CAS #: 72-54-8 | | |
| 8.070 | 8.070 | 0.000 | 280779 | 100.000 | 110 | 80.00- 120.00 | 100.00(a) |
| 12 Endosulfan II | | | | | CAS #: 33213-65-9 | | |
| 8.210 | 8.210 | 0.000 | 296512 | 100.000 | 100 | 80.00- 120.00 | 100.00(a) |
| 9 4,4'-DDT | | | | | CAS #: 50-29-3 | | |
| 8.433 | 8.433 | 0.000 | 229641 | 100.000 | 93 | 80.00- 120.00 | 100.00(a) |
| 15 Endrin aldehyde | | | | | CAS #: 7421-93-4 | | |
| 8.597 | 8.597 | 0.000 | 233912 | 100.000 | 100 | 80.00- 120.00 | 100.00(a) |
| 13 Endosulfan sulfate | | | | | CAS #: 1031-07-8 | | |
| 8.927 | 8.927 | 0.000 | 256705 | 100.000 | 100 | 80.00- 120.00 | 100.00(a) |
| 19 Methoxychlor | | | | | CAS #: 72-43-5 | | |
| 9.220 | 9.220 | 0.000 | 119886 | 100.000 | 89 | 80.00- 120.00 | 100.00(a) |
| 16 Endrin ketone | | | | | CAS #: 53494-70-5 | | |
| 9.490 | 9.490 | 0.000 | 267125 | 100.000 | 95 | 80.00- 120.00 | 100.00(a) |

Data File: xf121250.d
Report Date: 09-Jun-2011 07:04

| RT | EXP RT | DLT RT | RESPONSE | AMOUNTS CAL-AMT ( ug/L) | AMOUNTS ON-COL ( ug/L) | TARGET RANGE | RATIO |
|---|---|---|---|---|---|---|---|
| $ 30 Decachlorobiphenyl(surr) | | | | | CAS #: 2051-24-3 | | |
| 10.400 | 10.400 | 0.000 | 193399 | 100.000 | 94 | 80.00- 120.00 | 100.00(a) |

QC Flag Legend

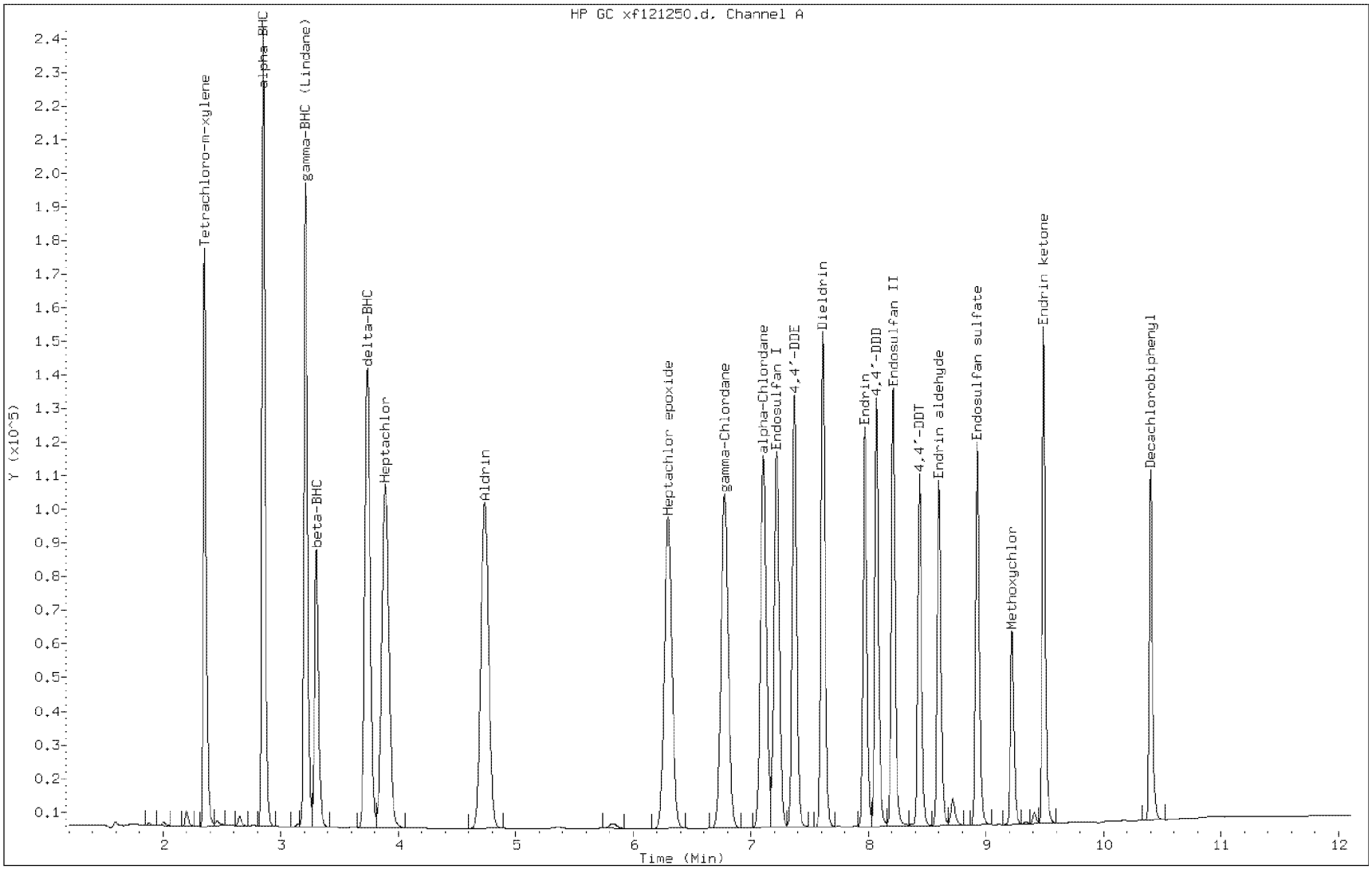
a - Target compound detected but, quantitated amount
Below Limit Of Quantitation(BLOQ).

Data File: xf121250.d

Date: 08-JUN-2011 11:40

Client ID: Instrument: PESTGC1.i

Sample Info: SGPESTL3_00009 Operator: 462

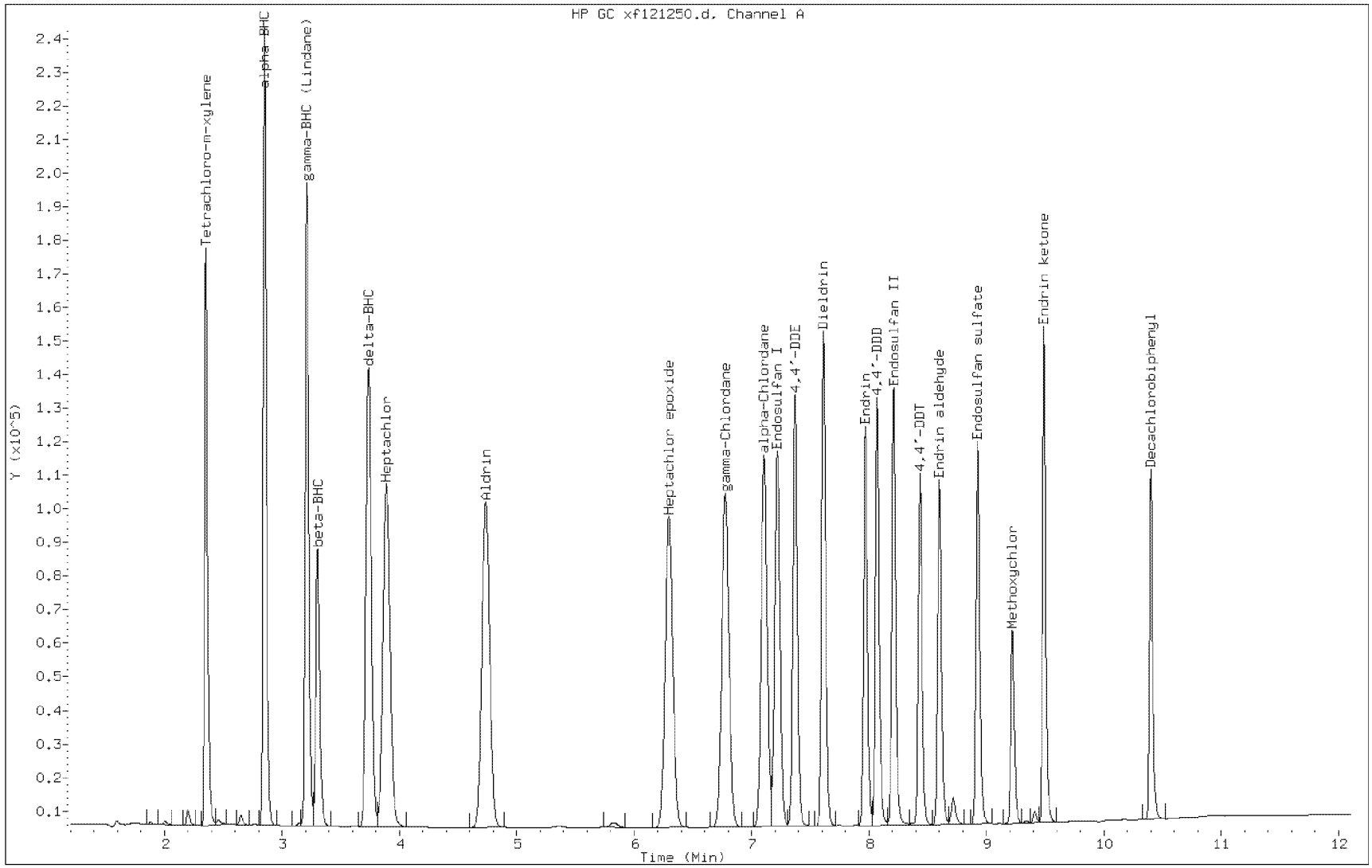


Data File: xf121250.d

Date: 08-JUN-2011 11:40

Client ID: Instrument: PESTGC1.i

Sample Info: SGPESTL3_00009 Operator: 462



FORM VII
GC SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-27128-1

SDG No.:

Lab Sample ID: CCVRT 460-76138/2 Calibration Date: 06/08/2011 11:40

Instrument ID: PESTGC1 Calib Start Date: 06/02/2011 14:19

GC Column: CLP-2 ID: 0.53(mm) Calib End Date: 06/02/2011 15:14

Lab File ID: xf121250.d Conc. Units: ug/L

| ANALYTE | CURVE TYPE | AVE CF | CF | MIN CF | CALC AMOUNT | SPIKE AMOUNT | %D | MAX %D |
|---|---|---|---|---|---|---|---|---|
| alpha-BHC | Ave | 4173 | 4360 | | 104 | 100 | 4.5 | 15.0 |
| gamma-BHC (Lindane) | Ave | 3864 | 4066 | | 105 | 100 | 5.2 | 15.0 |
| beta-BHC | Ave | 1869 | 1917 | | 103 | 100 | 2.6 | 15.0 |
| delta-BHC | Ave | 4114 | 4401 | | 107 | 100 | 7.0 | 15.0 |
| Heptachlor | Ave | 4194 | 4336 | | 103 | 100 | 3.4 | 15.0 |
| Aldrin | Ave | 4143 | 4507 | | 109 | 100 | 8.8 | 15.0 |
| Heptachlor epoxide | Ave | 3975 | 4216 | | 106 | 100 | 6.1 | 15.0 |
| gamma-Chlordane | Ave | 4169 | 4244 | | 102 | 100 | 1.8 | 15.0 |
| alpha-Chlordane | Ave | 3652 | 3817 | | 105 | 100 | 4.5 | 15.0 |
| Endosulfan I | Ave | 3356 | 3531 | | 105 | 100 | 5.2 | 15.0 |
| 4,4'-DDE | Ave | 3175 | 3414 | | 108 | 100 | 7.5 | 15.0 |
| Dieldrin | Ave | 3291 | 3467 | | 105 | 100 | 5.3 | 15.0 |
| Endrin | Ave | 2772 | 2662 | | 96.0 | 100 | -4.0 | 15.0 |
| 4,4'-DDD | Ave | 2599 | 2808 | | 108 | 100 | 8.0 | 15.0 |
| Endosulfan II | Ave | 2822 | 2965 | | 105 | 100 | 5.1 | 15.0 |
| 4,4'-DDT | Ave | 2471 | 2296 | | 92.9 | 100 | -7.1 | 15.0 |
| Endrin aldehyde | Ave | 2310 | 2339 | | 101 | 100 | 1.2 | 15.0 |
| Endosulfan sulfate | Ave | 2551 | 2567 | | 101 | 100 | 0.6 | 15.0 |
| Methoxychlor | Ave | 1346 | 1199 | | 89.1 | 100 | -10.9 | 15.0 |
| Endrin ketone | Ave | 2802 | 2671 | | 95.3 | 100 | -4.7 | 15.0 |
| Tetrachloro-m-xylene | Ave | 2975 | 2968 | | 99.8 | 100 | -0.2 | 15.0 |
| DCB Decachlorobiphenyl | Ave | 2052 | 1934 | | 94.3 | 100 | -5.7 | 15.0 |

FORM VII
GC SEMI VOA CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-27128-1

SDG No.:

Lab Sample ID: CCVRT 460-76138/2 Calibration Date: 06/08/2011 11:40

Instrument ID: PESTGC1 Calib Start Date: 06/02/2011 14:19

GC Column: CLP-2 ID: 0.53(mm) Calib End Date: 06/02/2011 15:14

Lab File ID: xf121250.d

| Analyte | RT | RT WINDOW | |
|---|---|---|---|
| | | TO | FROM |
| alpha-BHC | 2.85 | 2.81 | 2.91 |
| gamma-BHC (Lindane) | 3.21 | 3.16 | 3.26 |
| beta-BHC | 3.30 | 3.26 | 3.36 |
| delta-BHC | 3.74 | 3.69 | 3.79 |
| Heptachlor | 3.89 | 3.85 | 3.95 |
| Aldrin | 4.73 | 4.70 | 4.80 |
| Heptachlor epoxide | 6.30 | 6.23 | 6.37 |
| gamma-Chlordane | 6.78 | 6.71 | 6.85 |
| alpha-Chlordane | 7.11 | 7.04 | 7.18 |
| Endosulfan I | 7.22 | 7.15 | 7.29 |
| 4,4'-DDE | 7.37 | 7.30 | 7.44 |
| Dieldrin | 7.61 | 7.54 | 7.68 |
| Endrin | 7.97 | 7.90 | 8.04 |
| 4,4'-DDD | 8.07 | 8.00 | 8.14 |
| Endosulfan II | 8.21 | 8.14 | 8.28 |
| 4,4'-DDT | 8.43 | 8.37 | 8.51 |
| Endrin aldehyde | 8.60 | 8.53 | 8.67 |
| Endosulfan sulfate | 8.93 | 8.86 | 9.00 |
| Methoxychlor | 9.22 | 9.15 | 9.29 |
| Endrin ketone | 9.49 | 9.42 | 9.56 |
| Tetrachloro-m-xylene | 2.35 | 2.31 | 2.41 |
| DCB Decachlorobiphenyl | 10.40 | 10.30 | 10.50 |

Data File: xf121250.d
Report Date: 08-Jun-2011 11:36

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC1.i/8081T/front/Jun11/06-08-11/08jun11a.b/xf121250.d
Lab Smp Id: PESTL3_00009
Inj Date : 08-JUN-2011 11:40
Operator : 462 Inst ID: PESTGC1.i
Smp Info : SGPESTL3_00009
Misc Info :
Comment :
Method : /chem1/PESTGC1.i/8081T/front/Jun11/06-08-11/08jun11a.b/09Xf8081.m
Meth Date : 08-Jun-2011 11:36 Ex. 4 CBI Quant Type: ESTD
Cal Date : 02-JUN-2011 15:42 Cal File: xf120980.d
Als bottle: 1 Continuing Calibration Sample
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: SCpestRANGE.sub
Target Version: 3.50 Sample Matrix: WATER
Processing Host: hpd3

Concentration Formula: Amt * DF * Vt/Vo * CpndVariable

| Name | Value | Description |
|---|---|---|
| DF | 1.00000 | Dilution Factor |
| Vt | 5.00000 | Volume of final extract (mL) |
| Vo | 100.00000 | Volume of sample extracted (mL) |

Cpnd Variable Local Compound Variable

| RT | EXP RT | DLT RT | RESPONSE | AMOUNTS CAL-AMT ( ug/L) | AMOUNTS ON-COL ( ug/L) | TARGET RANGE | RATIO |
|---|---|---|---|---|---|---|---|
| $ 28 Tetrachloro-m-xylene(surr) | | | | | CAS #: 877-09-8 | | |
| 2.350 | 2.350 | 0.000 | 296759 | 100.000 | 100 | 80.00- 120.00 | 100.00(a) |
| 2 alpha-BHC | | | | | CAS #: 319-84-6 | | |
| 2.850 | 2.850 | 0.000 | 436006 | 100.000 | 100 | 80.00- 120.00 | 100.00(a) |
| 5 gamma-BHC (Lindane) | | | | | CAS #: 58-89-9 | | |
| 3.210 | 3.210 | 0.000 | 406564 | 100.000 | 100 | 80.00- 120.00 | 100.00(a) |
| 3 beta-BHC | | | | | CAS #: 319-85-7 | | |
| 3.303 | 3.303 | 0.000 | 191719 | 100.000 | 100 | 80.00- 120.00 | 100.00(a) |
| 4 delta-BHC | | | | | CAS #: 319-86-8 | | |
| 3.737 | 3.737 | 0.000 | 440067 | 100.000 | 110 | 80.00- 120.00 | 100.00(a) |

Data File: xf121250.d
Report Date: 08-Jun-2011 11:36

| RT | EXP RT | DLT RT | RESPONSE | AMOUNTS CAL-AMT ( ug/L) | AMOUNTS ON-COL ( ug/L) | TARGET RANGE | RATIO |
|---|---|---|---|---|---|---|---|
| 17 Heptachlor | | | | | CAS #: 76-44-8 | | |
| 3.890 | 3.890 | 0.000 | 433575 | 100.000 | 100 | 80.00- 120.00 | 100.00(a) |
| 1 Aldrin | | | | | CAS #: 309-00-2 | | |
| 4.733 | 4.733 | 0.000 | 450727 | 100.000 | 110 | 80.00- 120.00 | 100.00(a) |
| 18 Heptachlor epoxide | | | | | CAS #: 1024-57-3 | | |
| 6.297 | 6.297 | 0.000 | 421566 | 100.000 | 110 | 80.00- 120.00 | 100.00(a) |
| 65 gamma-Chlordane | | | | | CAS #: 5103-74-2 | | |
| 6.777 | 6.777 | 0.000 | 424393 | 100.000 | 100 | 80.00- 120.00 | 100.00(a) |
| 66 alpha-Chlordane | | | | | CAS #: 5103-71-9 | | |
| 7.107 | 7.107 | 0.000 | 381699 | 100.000 | 100 | 80.00- 120.00 | 100.00(a) |
| 11 Endosulfan I | | | | | CAS #: 959-98-8 | | |
| 7.220 | 7.220 | 0.000 | 353128 | 100.000 | 100 | 80.00- 120.00 | 100.00(a) |
| 8 4,4'-DDE | | | | | CAS #: 72-55-9 | | |
| 7.370 | 7.370 | 0.000 | 341368 | 100.000 | 110 | 80.00- 120.00 | 100.00(a) |
| 10 Dieldrin | | | | | CAS #: 60-57-1 | | |
| 7.610 | 7.610 | 0.000 | 346687 | 100.000 | 100 | 80.00- 120.00 | 100.00(a) |
| 14 Endrin | | | | | CAS #: 72-20-8 | | |
| 7.967 | 7.967 | 0.000 | 266203 | 100.000 | 96 | 80.00- 120.00 | 100.00(a) |
| 7 4,4'-DDD | | | | | CAS #: 72-54-8 | | |
| 8.070 | 8.070 | 0.000 | 280779 | 100.000 | 110 | 80.00- 120.00 | 100.00(a) |
| 12 Endosulfan II | | | | | CAS #: 33213-65-9 | | |
| 8.210 | 8.210 | 0.000 | 296512 | 100.000 | 100 | 80.00- 120.00 | 100.00(a) |
| 9 4,4'-DDT | | | | | CAS #: 50-29-3 | | |
| 8.433 | 8.433 | 0.000 | 229641 | 100.000 | 93 | 80.00- 120.00 | 100.00(a) |
| 15 Endrin aldehyde | | | | | CAS #: 7421-93-4 | | |
| 8.597 | 8.597 | 0.000 | 233912 | 100.000 | 100 | 80.00- 120.00 | 100.00(a) |
| 13 Endosulfan sulfate | | | | | CAS #: 1031-07-8 | | |
| 8.927 | 8.927 | 0.000 | 256705 | 100.000 | 100 | 80.00- 120.00 | 100.00(a) |
| 19 Methoxychlor | | | | | CAS #: 72-43-5 | | |
| 9.220 | 9.220 | 0.000 | 119886 | 100.000 | 89 | 80.00- 120.00 | 100.00(a) |
| 16 Endrin ketone | | | | | CAS #: 53494-70-5 | | |
| 9.490 | 9.490 | 0.000 | 267125 | 100.000 | 95 | 80.00- 120.00 | 100.00(a) |

Data File: xf121250.d
Report Date: 08-Jun-2011 11:36

| RT | EXP RT | DLT RT | RESPONSE | AMOUNTS CAL-AMT ( ug/L) | AMOUNTS ON-COL ( ug/L) | TARGET RANGE | RATIO |
|---|---|---|---|---|---|---|---|
| $ 30 Decachlorobiphenyl(surr) | | | | | CAS #: 2051-24-3 | | |
| 10.400 | 10.400 | 0.000 | 193399 | 100.000 | 94 | 80.00- 120.00 | 100.00(a) |

QC Flag Legend

a - Target compound detected but, quantitated amount
Below Limit Of Quantitation(BLOQ).

Data File: xf121250.d
Report Date: 09-Jun-2011 07:04

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC1.i/8081T/front/Jun11/06-08-11/08jun11b.b/xf121250.d
Lab Smp Id: SGPESTL3_00009
Inj Date : 08-JUN-2011 11:40
Operator : 462 Inst ID: PESTGC1.i
Smp Info : SGPESTL3_00009
Misc Info :
Comment :
Method : /chem1/PESTGC1.i/8081T/front/Jun11/06-08-11/08jun11b.b/09Xf8081.m
Meth Date : 09-Jun-2011 07:04 Ex. 4 CBI Quant Type: ESTD
Cal Date : 02-JUN-2011 15:42 Cal File: xf120980.d
Als bottle: 1 Continuing Calibration Sample
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: SCpestRANGE.sub
Target Version: 3.50 Sample Matrix: WATER
Processing Host: hpd3

Concentration Formula: Amt * DF * Vt/Vo * CpndVariable

| Name | Value | Description |
|---|---|---|
| DF | 1.00000 | Dilution Factor |
| Vt | 5.00000 | Volume of final extract (mL) |
| Vo | 100.00000 | Volume of sample extracted (mL) |

Cpnd Variable Local Compound Variable

| RT | EXP RT | DLT RT | RESPONSE | AMOUNTS CAL-AMT ( ug/L) | AMOUNTS ON-COL ( ug/L) | TARGET RANGE | RATIO |
|---|---|---|---|---|---|---|---|
| $ 28 Tetrachloro-m-xylene(surr) | | | | | CAS #: 877-09-8 | | |
| 2.350 | 2.350 | 0.000 | 296759 | 100.000 | 100 | 80.00- 120.00 | 100.00(a) |
| 2 alpha-BHC | | | | | CAS #: 319-84-6 | | |
| 2.850 | 2.850 | 0.000 | 436006 | 100.000 | 100 | 80.00- 120.00 | 100.00(a) |
| 5 gamma-BHC (Lindane) | | | | | CAS #: 58-89-9 | | |
| 3.210 | 3.210 | 0.000 | 406564 | 100.000 | 100 | 80.00- 120.00 | 100.00(a) |
| 3 beta-BHC | | | | | CAS #: 319-85-7 | | |
| 3.303 | 3.303 | 0.000 | 191719 | 100.000 | 100 | 80.00- 120.00 | 100.00(a) |
| 4 delta-BHC | | | | | CAS #: 319-86-8 | | |
| 3.737 | 3.737 | 0.000 | 440067 | 100.000 | 110 | 80.00- 120.00 | 100.00(a) |

Data File: xf121250.d
Report Date: 09-Jun-2011 07:04

| RT | EXP RT | DLT RT | RESPONSE | AMOUNTS CAL-AMT ( ug/L) | AMOUNTS ON-COL ( ug/L) | TARGET RANGE | RATIO |
|---|---|---|---|---|---|---|---|
| 17 Heptachlor | | | | | CAS #: 76-44-8 | | |
| 3.890 | 3.890 | 0.000 | 433575 | 100.000 | 100 | 80.00- 120.00 | 100.00(a) |
| 1 Aldrin | | | | | CAS #: 309-00-2 | | |
| 4.733 | 4.733 | 0.000 | 450727 | 100.000 | 110 | 80.00- 120.00 | 100.00(a) |
| 18 Heptachlor epoxide | | | | | CAS #: 1024-57-3 | | |
| 6.297 | 6.297 | 0.000 | 421566 | 100.000 | 110 | 80.00- 120.00 | 100.00(a) |
| 65 gamma-Chlordane | | | | | CAS #: 5103-74-2 | | |
| 6.777 | 6.777 | 0.000 | 424393 | 100.000 | 100 | 80.00- 120.00 | 100.00(a) |
| 66 alpha-Chlordane | | | | | CAS #: 5103-71-9 | | |
| 7.107 | 7.107 | 0.000 | 381699 | 100.000 | 100 | 80.00- 120.00 | 100.00(a) |
| 11 Endosulfan I | | | | | CAS #: 959-98-8 | | |
| 7.220 | 7.220 | 0.000 | 353128 | 100.000 | 100 | 80.00- 120.00 | 100.00(a) |
| 8 4,4'-DDE | | | | | CAS #: 72-55-9 | | |
| 7.370 | 7.370 | 0.000 | 341368 | 100.000 | 110 | 80.00- 120.00 | 100.00(a) |
| 10 Dieldrin | | | | | CAS #: 60-57-1 | | |
| 7.610 | 7.610 | 0.000 | 346687 | 100.000 | 100 | 80.00- 120.00 | 100.00(a) |
| 14 Endrin | | | | | CAS #: 72-20-8 | | |
| 7.967 | 7.967 | 0.000 | 266203 | 100.000 | 96 | 80.00- 120.00 | 100.00(a) |
| 7 4,4'-DDD | | | | | CAS #: 72-54-8 | | |
| 8.070 | 8.070 | 0.000 | 280779 | 100.000 | 110 | 80.00- 120.00 | 100.00(a) |
| 12 Endosulfan II | | | | | CAS #: 33213-65-9 | | |
| 8.210 | 8.210 | 0.000 | 296512 | 100.000 | 100 | 80.00- 120.00 | 100.00(a) |
| 9 4,4'-DDT | | | | | CAS #: 50-29-3 | | |
| 8.433 | 8.433 | 0.000 | 229641 | 100.000 | 93 | 80.00- 120.00 | 100.00(a) |
| 15 Endrin aldehyde | | | | | CAS #: 7421-93-4 | | |
| 8.597 | 8.597 | 0.000 | 233912 | 100.000 | 100 | 80.00- 120.00 | 100.00(a) |
| 13 Endosulfan sulfate | | | | | CAS #: 1031-07-8 | | |
| 8.927 | 8.927 | 0.000 | 256705 | 100.000 | 100 | 80.00- 120.00 | 100.00(a) |
| 19 Methoxychlor | | | | | CAS #: 72-43-5 | | |
| 9.220 | 9.220 | 0.000 | 119886 | 100.000 | 89 | 80.00- 120.00 | 100.00(a) |
| 16 Endrin ketone | | | | | CAS #: 53494-70-5 | | |
| 9.490 | 9.490 | 0.000 | 267125 | 100.000 | 95 | 80.00- 120.00 | 100.00(a) |

Data File: xf121250.d
Report Date: 09-Jun-2011 07:04

| RT | EXP RT | DLT RT | RESPONSE | AMOUNTS CAL-AMT ( ug/L) | AMOUNTS ON-COL ( ug/L) | TARGET RANGE | RATIO |
|---|---|---|---|---|---|---|---|
| $ 30 Decachlorobiphenyl(surr) | | | | | CAS #: 2051-24-3 | | |
| 10.400 | 10.400 | 0.000 | 193399 | 100.000 | 94 | 80.00- 120.00 | 100.00(a) |

QC Flag Legend

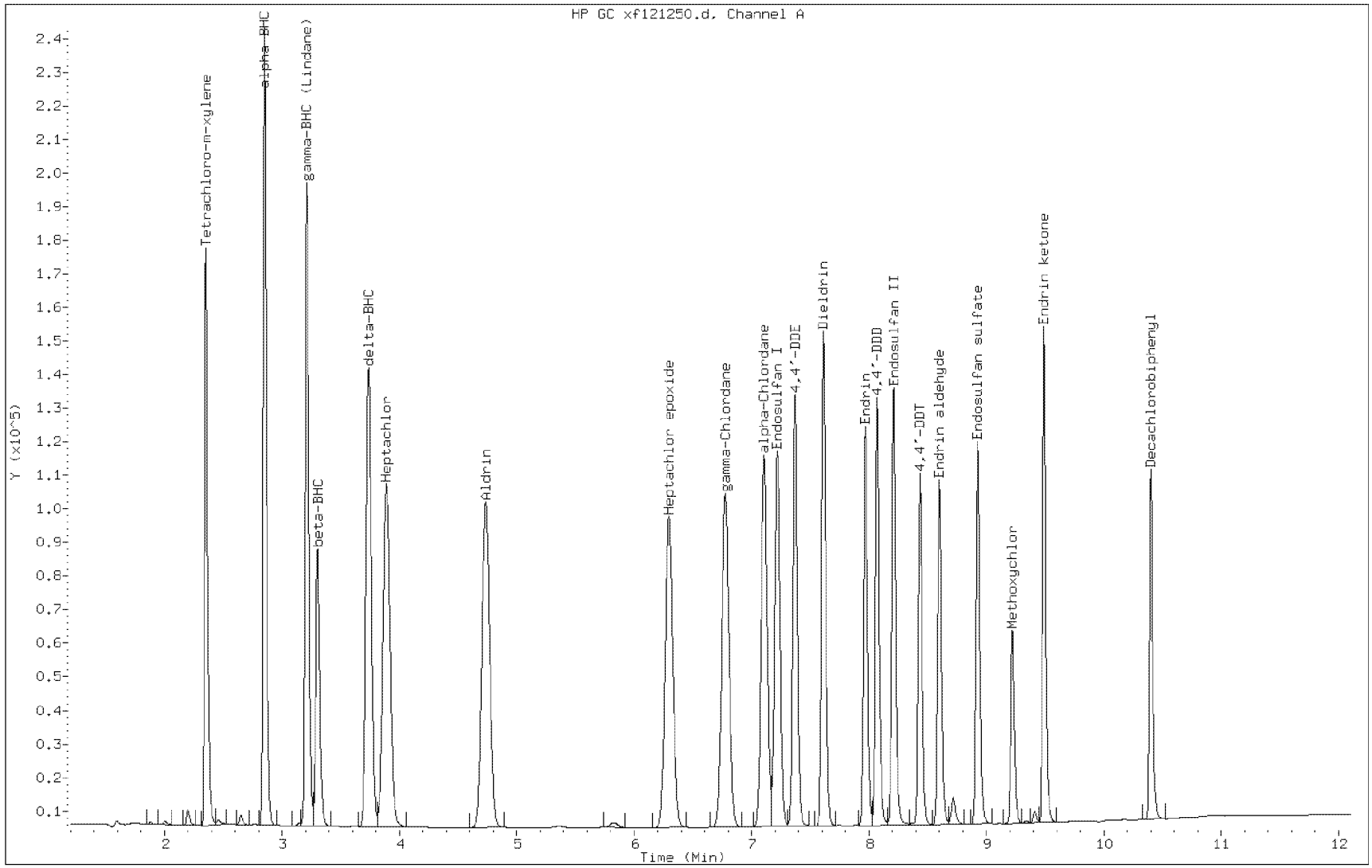
a - Target compound detected but, quantitated amount
Below Limit Of Quantitation(BLOQ).

Data File: xf121250.d

Date: 08-JUN-2011 11:40

Client ID: Instrument: PESTGC1.i

Sample Info: SGPESTL3_00009 Operator: 462

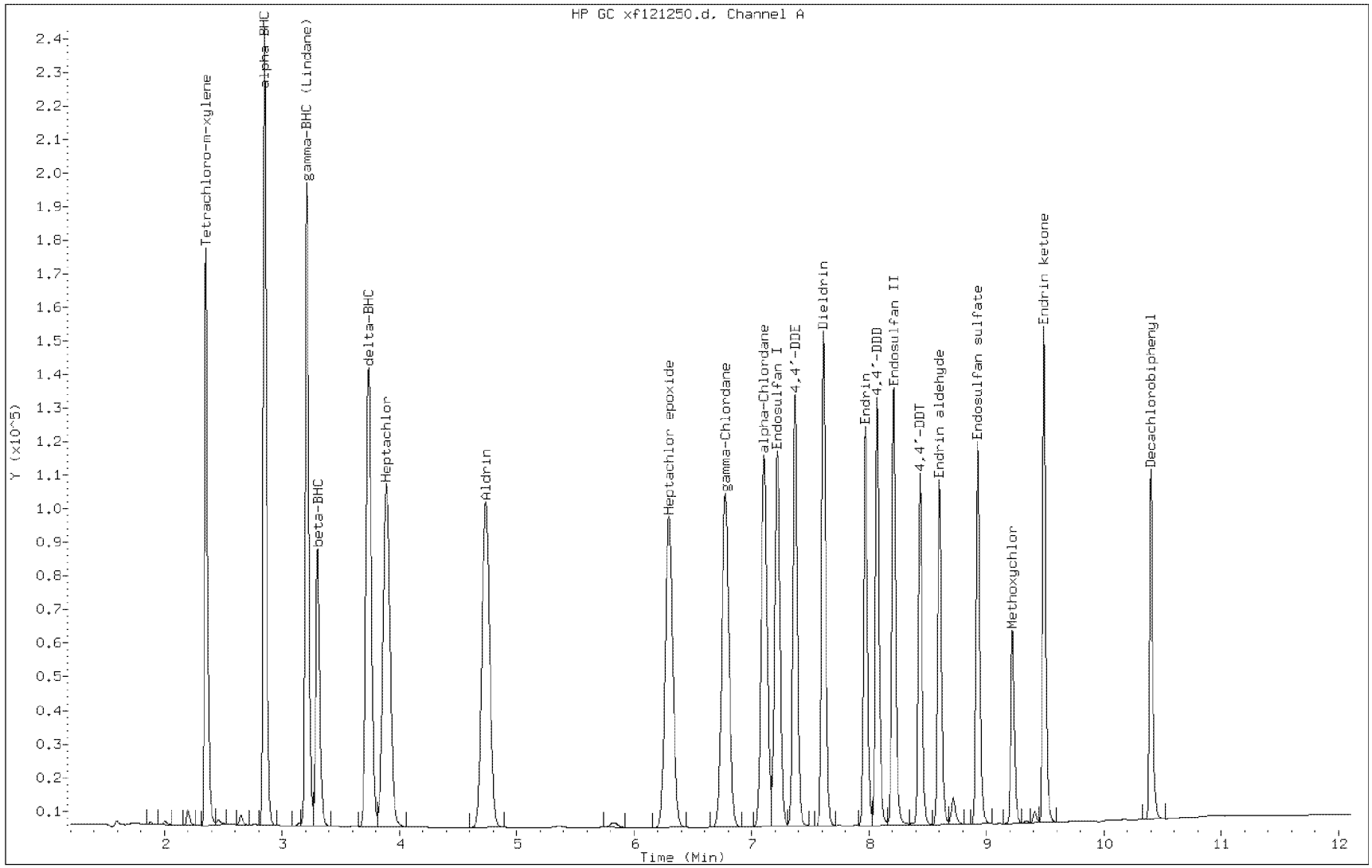


Data File: xf121250.d

Date: 08-JUN-2011 11:40

Client ID: Instrument: PESTGC1.i

Sample Info: SGPESTL3_00009 Operator: 462



FORM VII
GC SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-27128-1

SDG No.:

Lab Sample ID: CCV 460-76035/25 Calibration Date: 06/08/2011 11:40

Instrument ID: PESTGC1 Calib Start Date: 06/02/2011 14:19

GC Column: CLP-1 ID: 0.53(mm) Calib End Date: 06/02/2011 15:14

Lab File ID: xr121250.d Conc. Units: ug/L

| ANALYTE | CURVE TYPE | AVE CF | CF | MIN CF | CALC AMOUNT | SPIKE AMOUNT | %D | MAX %D |
|---|---|---|---|---|---|---|---|---|
| alpha-BHC | Ave | 6376 | 6582 | | 103 | 100 | 3.2 | 15.0 |
| gamma-BHC (Lindane) | Ave | 5208 | 5367 | | 103 | 100 | 3.1 | 15.0 |
| beta-BHC | Ave | 3069 | 3289 | | 107 | 100 | 7.2 | 15.0 |
| delta-BHC | Ave | 5575 | 5947 | | 107 | 100 | 6.7 | 15.0 |
| Heptachlor | Ave | 5221 | 5529 | | 106 | 100 | 5.9 | 15.0 |
| Aldrin | Ave | 5026 | 5421 | | 108 | 100 | 7.8 | 15.0 |
| Heptachlor epoxide | Ave | 5286 | 5496 | | 104 | 100 | 4.0 | 15.0 |
| gamma-Chlordane | Ave | 5262 | 5475 | | 104 | 100 | 4.0 | 15.0 |
| alpha-Chlordane | Ave | 4928 | 5298 | | 108 | 100 | 7.5 | 15.0 |
| 4,4'-DDE | Ave | 4224 | 4281 | | 101 | 100 | 1.3 | 15.0 |
| Endosulfan I | Ave | 5063 | 5533 | | 109 | 100 | 9.3 | 15.0 |
| Dieldrin | Ave | 4915 | 5245 | | 107 | 100 | 6.7 | 15.0 |
| Endrin | Ave | 4189 | 4140 | | 98.8 | 100 | -1.2 | 15.0 |
| 4,4'-DDD | Ave | 3744 | 4094 | | 109 | 100 | 9.4 | 15.0 |
| Endosulfan II | Ave | 4412 | 4471 | | 101 | 100 | 1.3 | 15.0 |
| 4,4'-DDT | Ave | 3443 | 3279 | | 95.3 | 100 | -4.7 | 15.0 |
| Endrin aldehyde | Ave | 3122 | 3299 | | 106 | 100 | 5.7 | 15.0 |
| Methoxychlor | Ave | 1842 | 1768 | | 96.0 | 100 | -4.0 | 15.0 |
| Endosulfan sulfate | Ave | 3231 | 3433 | | 106 | 100 | 6.2 | 15.0 |
| Endrin ketone | Ave | 3923 | 4092 | | 104 | 100 | 4.3 | 15.0 |
| Tetrachloro-m-xylene | Ave | 4708 | 4693 | | 99.7 | 100 | -0.3 | 15.0 |
| DCB Decachlorobiphenyl | Ave | 2684 | 2608 | | 97.2 | 100 | -2.8 | 15.0 |

FORM VII
GC SEMI VOA CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-27128-1

SDG No.:

Lab Sample ID: CCV 460-76035/25 Calibration Date: 06/08/2011 11:40

Instrument ID: PESTGC1 Calib Start Date: 06/02/2011 14:19

GC Column: CLP-1 ID: 0.53(mm) Calib End Date: 06/02/2011 15:14

Lab File ID: xr121250.d

| Analyte | RT | RT WINDOW | |
|---|---|---|---|
| | | TO | FROM |
| alpha-BHC | 2.33 | 2.28 | 2.38 |
| gamma-BHC (Lindane) | 2.55 | 2.50 | 2.60 |
| beta-BHC | 2.61 | 2.56 | 2.66 |
| delta-BHC | 2.73 | 2.68 | 2.78 |
| Heptachlor | 2.90 | 2.85 | 2.95 |
| Aldrin | 3.17 | 3.12 | 3.22 |
| Heptachlor epoxide | 4.06 | 3.99 | 4.13 |
| gamma-Chlordane | 4.36 | 4.29 | 4.43 |
| alpha-Chlordane | 4.68 | 4.61 | 4.75 |
| 4,4'-DDE | 4.90 | 4.83 | 4.97 |
| Endosulfan I | 5.00 | 4.93 | 5.07 |
| Dieldrin | 5.62 | 5.55 | 5.69 |
| Endrin | 6.21 | 6.14 | 6.28 |
| 4,4'-DDD | 6.41 | 6.34 | 6.48 |
| Endosulfan II | 6.74 | 6.67 | 6.81 |
| 4,4'-DDT | 7.05 | 6.98 | 7.12 |
| Endrin aldehyde | 7.48 | 7.41 | 7.55 |
| Methoxychlor | 7.73 | 7.66 | 7.80 |
| Endosulfan sulfate | 7.97 | 7.90 | 8.04 |
| Endrin ketone | 8.28 | 8.21 | 8.35 |
| Tetrachloro-m-xylene | 1.94 | 1.89 | 1.99 |
| DCB Decachlorobiphenyl | 9.40 | 9.30 | 9.50 |

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC1.i/8081T/rear/Jun11/06-08-11/08jun11a.b/xr121250.d
Lab Smp Id: PESTL3_00009
Inj Date : 08-JUN-2011 11:40
Operator : 462 Inst ID: PESTGC1.i
Smp Info : SGPESTL3_00009
Misc Info :
Comment :
Method : /chem1/PESTGC1.i/8081T/rear/Jun11/06-08-11/08jun11a.b/09Xr8081.m
Meth Date : 08-Jun-2011 11:36 Ex. 4 CBI Quant Type: ESTD
Cal Date : 02-JUN-2011 15:42 Cal File: xr120980.d
Als bottle: 1 Continuing Calibration Sample
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: SCpestRANGE.sub
Target Version: 3.50 Sample Matrix: WATER
Processing Host: hpd3

Concentration Formula: Amt * DF * Vt/Vo * CpndVariable

| Name | Value | Description |
|---|---|---|
| DF | 1.00000 | Dilution Factor |
| Vt | 5.00000 | Volume of final extract (mL) |
| Vo | 100.00000 | Volume of sample extracted (mL) |

Cpnd Variable Local Compound Variable

| RT | EXP RT | DLT RT | RESPONSE | AMOUNTS CAL-AMT ( ug/L) | AMOUNTS ON-COL ( ug/L) | TARGET RANGE | RATIO |
|---|---|---|---|---|---|---|---|
| $ 28 Tetrachloro-m-xylene(surr) | | | | | CAS #: 877-09-8 | | |
| 1.943 | 1.943 | 0.000 | 469301 | 100.000 | 100 | 80.00- 120.00 | 100.00 |
| 2 alpha-BHC | | | | | CAS #: 319-84-6 | | |
| 2.327 | 2.327 | 0.000 | 658194 | 100.000 | 100 | 80.00- 120.00 | 100.00 |
| 5 gamma-BHC (Lindane) | | | | | CAS #: 58-89-9 | | |
| 2.547 | 2.547 | 0.000 | 536673 | 100.000 | 100 | 80.00- 120.00 | 100.00 |
| 3 beta-BHC | | | | | CAS #: 319-85-7 | | |
| 2.607 | 2.607 | 0.000 | 328926 | 100.000 | 110 | 80.00- 120.00 | 100.00 |
| 4 delta-BHC | | | | | CAS #: 319-86-8 | | |
| 2.733 | 2.733 | 0.000 | 594701 | 100.000 | 110 | 80.00- 120.00 | 100.00 |

| RT | EXP RT | DLT RT | RESPONSE | AMOUNTS CAL-AMT ( ug/L) | AMOUNTS ON-COL ( ug/L) | TARGET RANGE | RATIO |
|---|---|---|---|---|---|---|---|
| 17 Heptachlor | | | | | CAS #: 76-44-8 | | |
| 2.903 | 2.903 | 0.000 | 552949 | 100.000 | 100 | 80.00- 120.00 | 100.00 |
| 1 Aldrin | | | | | CAS #: 309-00-2 | | |
| 3.173 | 3.173 | 0.000 | 542064 | 100.000 | 110 | 80.00- 120.00 | 100.00 |
| 18 Heptachlor epoxide | | | | | CAS #: 1024-57-3 | | |
| 4.060 | 4.060 | 0.000 | 549610 | 100.000 | 100 | 80.00- 120.00 | 100.00 |
| 65 gamma-Chlordane | | | | | CAS #: 5103-74-2 | | |
| 4.360 | 4.360 | 0.000 | 547457 | 100.000 | 100 | 80.00- 120.00 | 100.00 |
| 66 alpha-Chlordane | | | | | CAS #: 5103-71-9 | | |
| 4.683 | 4.683 | 0.000 | 529754 | 100.000 | 110 | 80.00- 120.00 | 100.00 |
| 8 4,4'-DDE | | | | | CAS #: 72-55-9 | | |
| 4.900 | 4.900 | 0.000 | 428059 | 100.000 | 100 | 80.00- 120.00 | 100.00 |
| 11 Endosulfan I | | | | | CAS #: 959-98-8 | | |
| 5.003 | 5.003 | 0.000 | 553328 | 100.000 | 110 | 80.00- 120.00 | 100.00 |
| 10 Dieldrin | | | | | CAS #: 60-57-1 | | |
| 5.617 | 5.617 | 0.000 | 524530 | 100.000 | 110 | 80.00- 120.00 | 100.00 |
| 14 Endrin | | | | | CAS #: 72-20-8 | | |
| 6.213 | 6.213 | 0.000 | 413965 | 100.000 | 99 | 80.00- 120.00 | 100.00 |
| 7 4,4'-DDD | | | | | CAS #: 72-54-8 | | |
| 6.413 | 6.413 | 0.000 | 409400 | 100.000 | 110 | 80.00- 120.00 | 100.00 |
| 12 Endosulfan II | | | | | CAS #: 33213-65-9 | | |
| 6.743 | 6.743 | 0.000 | 447119 | 100.000 | 100 | 80.00- 120.00 | 100.00 |
| 9 4,4'-DDT | | | | | CAS #: 50-29-3 | | |
| 7.053 | 7.053 | 0.000 | 327944 | 100.000 | 95 | 80.00- 120.00 | 100.00 |
| 15 Endrin aldehyde | | | | | CAS #: 7421-93-4 | | |
| 7.483 | 7.483 | 0.000 | 329914 | 100.000 | 100 | 80.00- 120.00 | 100.00 |
| 19 Methoxychlor | | | | | CAS #: 72-43-5 | | |
| 7.733 | 7.733 | 0.000 | 176820 | 100.000 | 96 | 80.00- 120.00 | 100.00 |
| 13 Endosulfan sulfate | | | | | CAS #: 1031-07-8 | | |
| 7.973 | 7.973 | 0.000 | 343263 | 100.000 | 110 | 80.00- 120.00 | 100.00 |
| 16 Endrin ketone | | | | | CAS #: 53494-70-5 | | |
| 8.283 | 8.283 | 0.000 | 409212 | 100.000 | 100 | 80.00- 120.00 | 100.00 |

| RT | EXP RT | DLT RT | RESPONSE | AMOUNTS CAL-AMT ( ug/L) | AMOUNTS ON-COL ( ug/L) | TARGET RANGE | RATIO |
|---|---|---|---|---|---|---|---|
| $ 30 Decachlorobiphenyl(surr) | | | | | CAS #: 2051-24-3 | | |
| 9.403 | 9.403 | 0.000 | 260802 | 100.000 | 97 | 80.00- 120.00 | 100.00 |

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC1.i/8081T/rear/Jun11/06-08-11/08jun11b.b/xr121250.d
Lab Smp Id: SGPESTL3_00009
Inj Date : 08-JUN-2011 11:40
Operator : 462 Inst ID: PESTGC1.i
Smp Info : SGPESTL3_00009
Misc Info :
Comment :
Method : /chem1/PESTGC1.i/8081T/rear/Jun11/06-08-11/08jun11b.b/09Xr8081.m
Meth Date : 09-Jun-2011 07:02 Ex. 4 CBI Quant Type: ESTD
Cal Date : 02-JUN-2011 15:42 Cal File: xr120980.d
Als bottle: 1 Continuing Calibration Sample
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: SCpestRANGE.sub
Target Version: 3.50 Sample Matrix: WATER
Processing Host: hpd3

Concentration Formula: Amt * DF * Vt/Vo * CpndVariable

| Name | Value | Description |
|---|---|---|
| DF | 1.00000 | Dilution Factor |
| Vt | 5.00000 | Volume of final extract (mL) |
| Vo | 100.00000 | Volume of sample extracted (mL) |

Cpnd Variable Local Compound Variable

| RT | EXP RT | DLT RT | RESPONSE | AMOUNTS CAL-AMT ( ug/L) | AMOUNTS ON-COL ( ug/L) | TARGET RANGE | RATIO |
|---|---|---|---|---|---|---|---|
| $ 28 Tetrachloro-m-xylene(surr) | | | | | CAS #: 877-09-8 | | |
| 1.943 | 1.950 | -0.007 | 469301 | 100.000 | 100 | 80.00- 120.00 | 100.00 |
| 2 alpha-BHC | | | | | CAS #: 319-84-6 | | |
| 2.327 | 2.330 | -0.003 | 658194 | 100.000 | 100 | 80.00- 120.00 | 100.00 |
| 5 gamma-BHC (Lindane) | | | | | CAS #: 58-89-9 | | |
| 2.547 | 2.550 | -0.003 | 536673 | 100.000 | 100 | 80.00- 120.00 | 100.00 |
| 3 beta-BHC | | | | | CAS #: 319-85-7 | | |
| 2.607 | 2.610 | -0.003 | 328926 | 100.000 | 110 | 80.00- 120.00 | 100.00 |
| 4 delta-BHC | | | | | CAS #: 319-86-8 | | |
| 2.733 | 2.740 | -0.007 | 594701 | 100.000 | 110 | 80.00- 120.00 | 100.00 |

| RT | EXP RT | DLT RT | RESPONSE | AMOUNTS CAL-AMT ( ug/L) | AMOUNTS ON-COL ( ug/L) | TARGET RANGE | RATIO |
|---|---|---|---|---|---|---|---|
| 17 Heptachlor | | | | | CAS #: 76-44-8 | | |
| 2.903 | 2.910 | -0.007 | 552949 | 100.000 | 100 | 80.00- 120.00 | 100.00 |
| 1 Aldrin | | | | | CAS #: 309-00-2 | | |
| 3.173 | 3.180 | -0.007 | 542064 | 100.000 | 110 | 80.00- 120.00 | 100.00 |
| 18 Heptachlor epoxide | | | | | CAS #: 1024-57-3 | | |
| 4.060 | 4.073 | -0.013 | 549610 | 100.000 | 100 | 80.00- 120.00 | 100.00 |
| 65 gamma-Chlordane | | | | | CAS #: 5103-74-2 | | |
| 4.360 | 4.370 | -0.010 | 547457 | 100.000 | 100 | 80.00- 120.00 | 100.00 |
| 66 alpha-Chlordane | | | | | CAS #: 5103-71-9 | | |
| 4.683 | 4.690 | -0.007 | 529754 | 100.000 | 110 | 80.00- 120.00 | 100.00 |
| 8 4,4'-DDE | | | | | CAS #: 72-55-9 | | |
| 4.900 | 4.907 | -0.007 | 428059 | 100.000 | 100 | 80.00- 120.00 | 100.00 |
| 11 Endosulfan I | | | | | CAS #: 959-98-8 | | |
| 5.003 | 5.013 | -0.010 | 553328 | 100.000 | 110 | 80.00- 120.00 | 100.00 |
| 10 Dieldrin | | | | | CAS #: 60-57-1 | | |
| 5.617 | 5.627 | -0.010 | 524530 | 100.000 | 110 | 80.00- 120.00 | 100.00 |
| 14 Endrin | | | | | CAS #: 72-20-8 | | |
| 6.213 | 6.220 | -0.007 | 413965 | 100.000 | 99 | 80.00- 120.00 | 100.00 |
| 7 4,4'-DDD | | | | | CAS #: 72-54-8 | | |
| 6.413 | 6.420 | -0.007 | 409400 | 100.000 | 110 | 80.00- 120.00 | 100.00 |
| 12 Endosulfan II | | | | | CAS #: 33213-65-9 | | |
| 6.743 | 6.750 | -0.007 | 447119 | 100.000 | 100 | 80.00- 120.00 | 100.00 |
| 9 4,4'-DDT | | | | | CAS #: 50-29-3 | | |
| 7.053 | 7.057 | -0.004 | 327944 | 100.000 | 95 | 80.00- 120.00 | 100.00 |
| 15 Endrin aldehyde | | | | | CAS #: 7421-93-4 | | |
| 7.483 | 7.487 | -0.004 | 329914 | 100.000 | 100 | 80.00- 120.00 | 100.00 |
| 19 Methoxychlor | | | | | CAS #: 72-43-5 | | |
| 7.733 | 7.733 | 0.000 | 176820 | 100.000 | 96 | 80.00- 120.00 | 100.00 |
| 13 Endosulfan sulfate | | | | | CAS #: 1031-07-8 | | |
| 7.973 | 7.973 | 0.000 | 343263 | 100.000 | 110 | 80.00- 120.00 | 100.00 |
| 16 Endrin ketone | | | | | CAS #: 53494-70-5 | | |
| 8.283 | 8.283 | 0.000 | 409212 | 100.000 | 100 | 80.00- 120.00 | 100.00 |

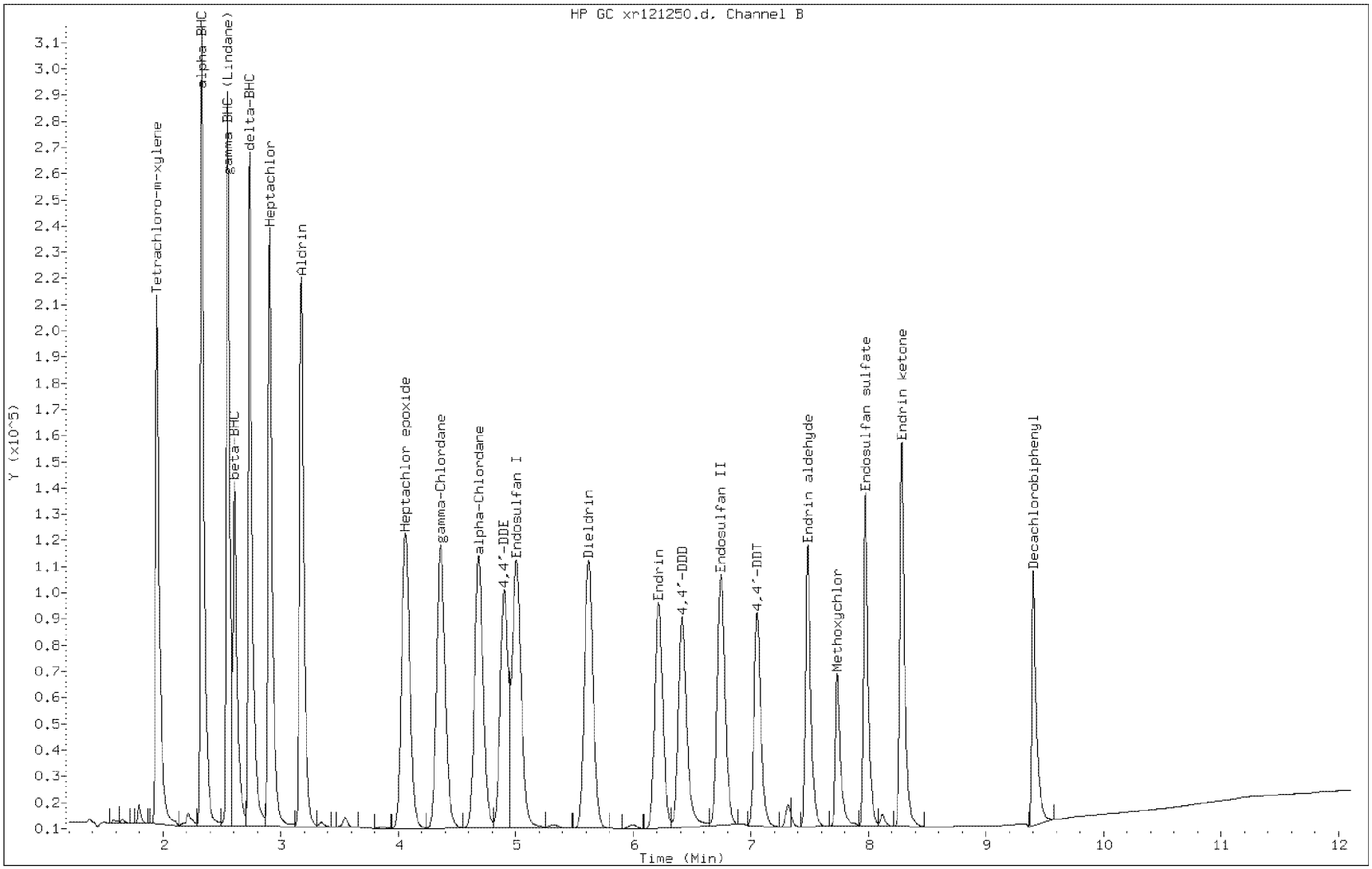
| RT | EXP RT | DLT RT | RESPONSE | AMOUNTS CAL-AMT ( ug/L) | AMOUNTS ON-COL ( ug/L) | TARGET RANGE | RATIO |
|---|---|---|---|---|---|---|---|
| $ 30 Decachlorobiphenyl(surr) | | | | | CAS #: 2051-24-3 | | |
| 9.403 | 9.403 | 0.000 | 260802 | 100.000 | 97 | 80.00- 120.00 | 100.00 |

Data File: xr121250.d

Date: 08-JUN-2011 11:40

Client ID: Instrument: PESTGC1.i

Sample Info: SGPESTL3_00009 Operator: 462

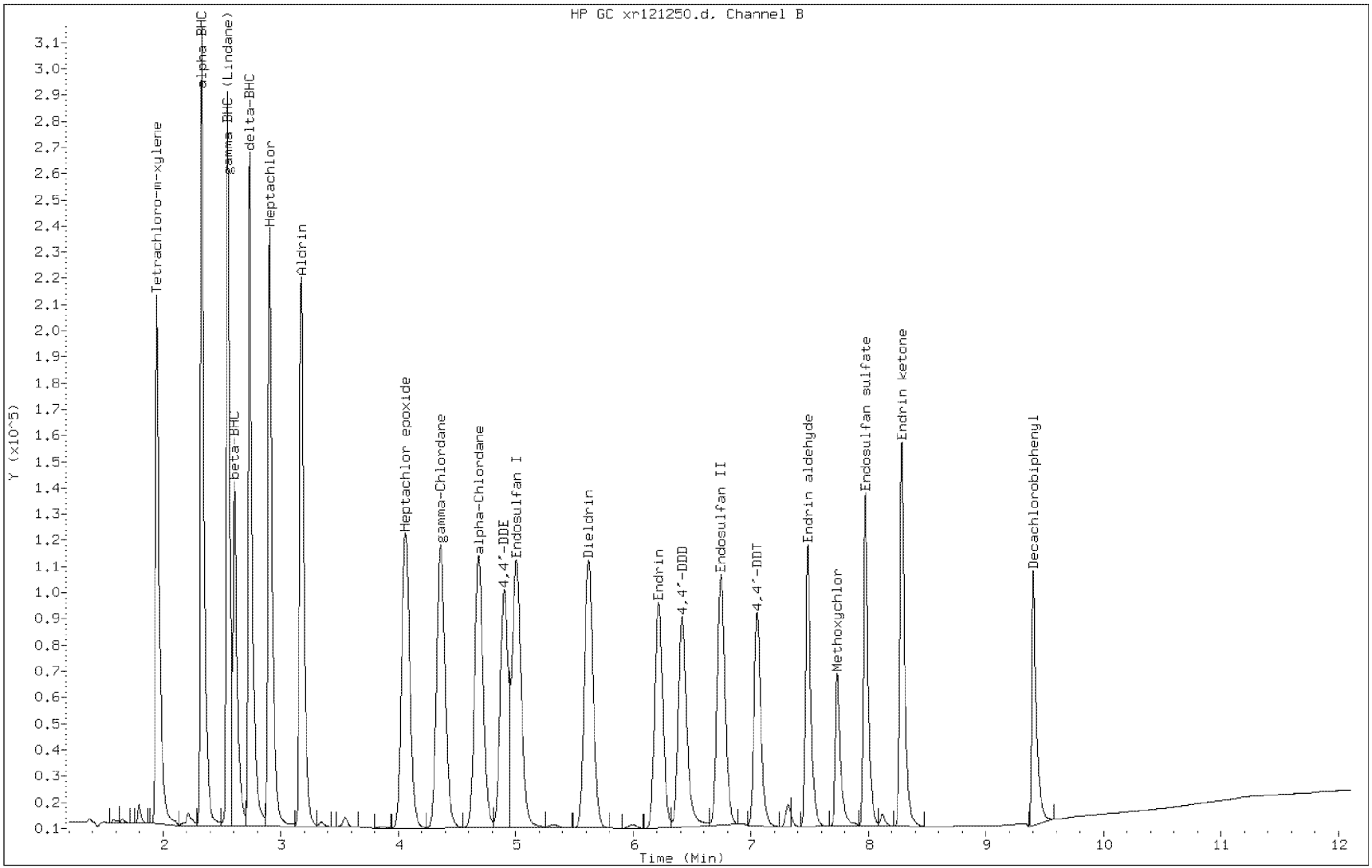


Data File: xr121250.d

Date: 08-JUN-2011 11:40

Client ID: Instrument: PESTGC1.i

Sample Info: SGPESTL3_00009 Operator: 462



FORM VII
GC SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-27128-1

SDG No.:

Lab Sample ID: CCVRT 460-76138/2 Calibration Date: 06/08/2011 11:40

Instrument ID: PESTGC1 Calib Start Date: 06/02/2011 14:19

GC Column: CLP-1 ID: 0.53(mm) Calib End Date: 06/02/2011 15:14

Lab File ID: xr121250.d Conc. Units: ug/L

| ANALYTE | CURVE TYPE | AVE CF | CF | MIN CF | CALC AMOUNT | SPIKE AMOUNT | %D | MAX %D |
|---|---|---|---|---|---|---|---|---|
| alpha-BHC | Ave | 6376 | 6582 | | 103 | 100 | 3.2 | 15.0 |
| gamma-BHC (Lindane) | Ave | 5208 | 5367 | | 103 | 100 | 3.1 | 15.0 |
| beta-BHC | Ave | 3069 | 3289 | | 107 | 100 | 7.2 | 15.0 |
| delta-BHC | Ave | 5575 | 5947 | | 107 | 100 | 6.7 | 15.0 |
| Heptachlor | Ave | 5221 | 5529 | | 106 | 100 | 5.9 | 15.0 |
| Aldrin | Ave | 5026 | 5421 | | 108 | 100 | 7.8 | 15.0 |
| Heptachlor epoxide | Ave | 5286 | 5496 | | 104 | 100 | 4.0 | 15.0 |
| gamma-Chlordane | Ave | 5262 | 5475 | | 104 | 100 | 4.0 | 15.0 |
| alpha-Chlordane | Ave | 4928 | 5298 | | 108 | 100 | 7.5 | 15.0 |
| 4,4'-DDE | Ave | 4224 | 4281 | | 101 | 100 | 1.3 | 15.0 |
| Endosulfan I | Ave | 5063 | 5533 | | 109 | 100 | 9.3 | 15.0 |
| Dieldrin | Ave | 4915 | 5245 | | 107 | 100 | 6.7 | 15.0 |
| Endrin | Ave | 4189 | 4140 | | 98.8 | 100 | -1.2 | 15.0 |
| 4,4'-DDD | Ave | 3744 | 4094 | | 109 | 100 | 9.4 | 15.0 |
| Endosulfan II | Ave | 4412 | 4471 | | 101 | 100 | 1.3 | 15.0 |
| 4,4'-DDT | Ave | 3443 | 3279 | | 95.3 | 100 | -4.7 | 15.0 |
| Endrin aldehyde | Ave | 3122 | 3299 | | 106 | 100 | 5.7 | 15.0 |
| Methoxychlor | Ave | 1842 | 1768 | | 96.0 | 100 | -4.0 | 15.0 |
| Endosulfan sulfate | Ave | 3231 | 3433 | | 106 | 100 | 6.2 | 15.0 |
| Endrin ketone | Ave | 3923 | 4092 | | 104 | 100 | 4.3 | 15.0 |
| Tetrachloro-m-xylene | Ave | 4708 | 4693 | | 99.7 | 100 | -0.3 | 15.0 |
| DCB Decachlorobiphenyl | Ave | 2684 | 2608 | | 97.2 | 100 | -2.8 | 15.0 |

FORM VII
GC SEMI VOA CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-27128-1

SDG No.:

Lab Sample ID: CCVRT 460-76138/2 Calibration Date: 06/08/2011 11:40

Instrument ID: PESTGC1 Calib Start Date: 06/02/2011 14:19

GC Column: CLP-1 ID: 0.53(mm) Calib End Date: 06/02/2011 15:14

Lab File ID: xr121250.d

| Analyte | RT | RT WINDOW | |
|---|---|---|---|
| | | TO | FROM |
| alpha-BHC | 2.33 | 2.28 | 2.38 |
| gamma-BHC (Lindane) | 2.55 | 2.50 | 2.60 |
| beta-BHC | 2.61 | 2.56 | 2.66 |
| delta-BHC | 2.73 | 2.69 | 2.79 |
| Heptachlor | 2.90 | 2.86 | 2.96 |
| Aldrin | 3.17 | 3.13 | 3.23 |
| Heptachlor epoxide | 4.06 | 4.00 | 4.14 |
| gamma-Chlordane | 4.36 | 4.30 | 4.44 |
| alpha-Chlordane | 4.68 | 4.62 | 4.76 |
| 4,4'-DDE | 4.90 | 4.84 | 4.98 |
| Endosulfan I | 5.00 | 4.94 | 5.08 |
| Dieldrin | 5.62 | 5.56 | 5.70 |
| Endrin | 6.21 | 6.15 | 6.29 |
| 4,4'-DDD | 6.41 | 6.35 | 6.49 |
| Endosulfan II | 6.74 | 6.68 | 6.82 |
| 4,4'-DDT | 7.05 | 6.99 | 7.13 |
| Endrin aldehyde | 7.48 | 7.42 | 7.56 |
| Methoxychlor | 7.73 | 7.66 | 7.80 |
| Endosulfan sulfate | 7.97 | 7.90 | 8.04 |
| Endrin ketone | 8.28 | 8.21 | 8.35 |
| Tetrachloro-m-xylene | 1.94 | 1.90 | 2.00 |
| DCB Decachlorobiphenyl | 9.40 | 9.30 | 9.50 |

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC1.i/8081T/rear/Jun11/06-08-11/08jun11a.b/xr121250.d
Lab Smp Id: PESTL3_00009
Inj Date : 08-JUN-2011 11:40
Operator : 462 Inst ID: PESTGC1.i
Smp Info : SGPESTL3_00009
Misc Info :
Comment :
Method : /chem1/PESTGC1.i/8081T/rear/Jun11/06-08-11/08jun11a.b/09Xr8081.m
Meth Date : 08-Jun-2011 11:36 Ex. 4 CBI Quant Type: ESTD
Cal Date : 02-JUN-2011 15:42 Cal File: xr120980.d
Als bottle: 1 Continuing Calibration Sample
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: SCpestRANGE.sub
Target Version: 3.50 Sample Matrix: WATER
Processing Host: hpd3

Concentration Formula: Amt * DF * Vt/Vo * CpndVariable

| Name | Value | Description |
|---|---|---|
| DF | 1.00000 | Dilution Factor |
| Vt | 5.00000 | Volume of final extract (mL) |
| Vo | 100.00000 | Volume of sample extracted (mL) |

Cpnd Variable Local Compound Variable

| RT | EXP RT | DLT RT | RESPONSE | AMOUNTS CAL-AMT ( ug/L) | AMOUNTS ON-COL ( ug/L) | TARGET RANGE | RATIO |
|---|---|---|---|---|---|---|---|
| $ 28 Tetrachloro-m-xylene(surr) | | | | | CAS #: 877-09-8 | | |
| 1.943 | 1.943 | 0.000 | 469301 | 100.000 | 100 | 80.00- 120.00 | 100.00 |
| 2 alpha-BHC | | | | | CAS #: 319-84-6 | | |
| 2.327 | 2.327 | 0.000 | 658194 | 100.000 | 100 | 80.00- 120.00 | 100.00 |
| 5 gamma-BHC (Lindane) | | | | | CAS #: 58-89-9 | | |
| 2.547 | 2.547 | 0.000 | 536673 | 100.000 | 100 | 80.00- 120.00 | 100.00 |
| 3 beta-BHC | | | | | CAS #: 319-85-7 | | |
| 2.607 | 2.607 | 0.000 | 328926 | 100.000 | 110 | 80.00- 120.00 | 100.00 |
| 4 delta-BHC | | | | | CAS #: 319-86-8 | | |
| 2.733 | 2.733 | 0.000 | 594701 | 100.000 | 110 | 80.00- 120.00 | 100.00 |

| RT | EXP RT | DLT RT | RESPONSE | AMOUNTS CAL-AMT ( ug/L) | AMOUNTS ON-COL ( ug/L) | TARGET RANGE | RATIO |
|---|---|---|---|---|---|---|---|
| 17 Heptachlor | | | | | CAS #: 76-44-8 | | |
| 2.903 | 2.903 | 0.000 | 552949 | 100.000 | 100 | 80.00- 120.00 | 100.00 |
| 1 Aldrin | | | | | CAS #: 309-00-2 | | |
| 3.173 | 3.173 | 0.000 | 542064 | 100.000 | 110 | 80.00- 120.00 | 100.00 |
| 18 Heptachlor epoxide | | | | | CAS #: 1024-57-3 | | |
| 4.060 | 4.060 | 0.000 | 549610 | 100.000 | 100 | 80.00- 120.00 | 100.00 |
| 65 gamma-Chlordane | | | | | CAS #: 5103-74-2 | | |
| 4.360 | 4.360 | 0.000 | 547457 | 100.000 | 100 | 80.00- 120.00 | 100.00 |
| 66 alpha-Chlordane | | | | | CAS #: 5103-71-9 | | |
| 4.683 | 4.683 | 0.000 | 529754 | 100.000 | 110 | 80.00- 120.00 | 100.00 |
| 8 4,4'-DDE | | | | | CAS #: 72-55-9 | | |
| 4.900 | 4.900 | 0.000 | 428059 | 100.000 | 100 | 80.00- 120.00 | 100.00 |
| 11 Endosulfan I | | | | | CAS #: 959-98-8 | | |
| 5.003 | 5.003 | 0.000 | 553328 | 100.000 | 110 | 80.00- 120.00 | 100.00 |
| 10 Dieldrin | | | | | CAS #: 60-57-1 | | |
| 5.617 | 5.617 | 0.000 | 524530 | 100.000 | 110 | 80.00- 120.00 | 100.00 |
| 14 Endrin | | | | | CAS #: 72-20-8 | | |
| 6.213 | 6.213 | 0.000 | 413965 | 100.000 | 99 | 80.00- 120.00 | 100.00 |
| 7 4,4'-DDD | | | | | CAS #: 72-54-8 | | |
| 6.413 | 6.413 | 0.000 | 409400 | 100.000 | 110 | 80.00- 120.00 | 100.00 |
| 12 Endosulfan II | | | | | CAS #: 33213-65-9 | | |
| 6.743 | 6.743 | 0.000 | 447119 | 100.000 | 100 | 80.00- 120.00 | 100.00 |
| 9 4,4'-DDT | | | | | CAS #: 50-29-3 | | |
| 7.053 | 7.053 | 0.000 | 327944 | 100.000 | 95 | 80.00- 120.00 | 100.00 |
| 15 Endrin aldehyde | | | | | CAS #: 7421-93-4 | | |
| 7.483 | 7.483 | 0.000 | 329914 | 100.000 | 100 | 80.00- 120.00 | 100.00 |
| 19 Methoxychlor | | | | | CAS #: 72-43-5 | | |
| 7.733 | 7.733 | 0.000 | 176820 | 100.000 | 96 | 80.00- 120.00 | 100.00 |
| 13 Endosulfan sulfate | | | | | CAS #: 1031-07-8 | | |
| 7.973 | 7.973 | 0.000 | 343263 | 100.000 | 110 | 80.00- 120.00 | 100.00 |
| 16 Endrin ketone | | | | | CAS #: 53494-70-5 | | |
| 8.283 | 8.283 | 0.000 | 409212 | 100.000 | 100 | 80.00- 120.00 | 100.00 |

| RT | EXP RT | DLT RT | RESPONSE | AMOUNTS CAL-AMT ( ug/L) | AMOUNTS ON-COL ( ug/L) | TARGET RANGE | RATIO |
|---|---|---|---|---|---|---|---|
| $ 30 Decachlorobiphenyl(surr) | | | | | CAS #: 2051-24-3 | | |
| 9.403 | 9.403 | 0.000 | 260802 | 100.000 | 97 | 80.00- 120.00 | 100.00 |

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC1.i/8081T/rear/Jun11/06-08-11/08jun11b.b/xr121250.d
Lab Smp Id: SGPESTL3_00009
Inj Date : 08-JUN-2011 11:40
Operator : 462 Inst ID: PESTGC1.i
Smp Info : SGPESTL3_00009
Misc Info :
Comment :
Method : /chem1/PESTGC1.i/8081T/rear/Jun11/06-08-11/08jun11b.b/09Xr8081.m
Meth Date : 09-Jun-2011 07:02 Ex. 4 CBI Quant Type: ESTD
Cal Date : 02-JUN-2011 15:42 Cal File: xr120980.d
Als bottle: 1 Continuing Calibration Sample
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: SCpestRANGE.sub
Target Version: 3.50 Sample Matrix: WATER
Processing Host: hpd3

Concentration Formula: Amt * DF * Vt/Vo * CpndVariable

| Name | Value | Description |
|---|---|---|
| DF | 1.00000 | Dilution Factor |
| Vt | 5.00000 | Volume of final extract (mL) |
| Vo | 100.00000 | Volume of sample extracted (mL) |

Cpnd Variable Local Compound Variable

| RT | EXP RT | DLT RT | RESPONSE | AMOUNTS CAL-AMT ( ug/L) | AMOUNTS ON-COL ( ug/L) | TARGET RANGE | RATIO |
|---|---|---|---|---|---|---|---|
| $ 28 Tetrachloro-m-xylene(surr) | | | | | CAS #: 877-09-8 | | |
| 1.943 | 1.950 | -0.007 | 469301 | 100.000 | 100 | 80.00- 120.00 | 100.00 |
| 2 alpha-BHC | | | | | CAS #: 319-84-6 | | |
| 2.327 | 2.330 | -0.003 | 658194 | 100.000 | 100 | 80.00- 120.00 | 100.00 |
| 5 gamma-BHC (Lindane) | | | | | CAS #: 58-89-9 | | |
| 2.547 | 2.550 | -0.003 | 536673 | 100.000 | 100 | 80.00- 120.00 | 100.00 |
| 3 beta-BHC | | | | | CAS #: 319-85-7 | | |
| 2.607 | 2.610 | -0.003 | 328926 | 100.000 | 110 | 80.00- 120.00 | 100.00 |
| 4 delta-BHC | | | | | CAS #: 319-86-8 | | |
| 2.733 | 2.740 | -0.007 | 594701 | 100.000 | 110 | 80.00- 120.00 | 100.00 |

| RT | EXP RT | DLT RT | RESPONSE | AMOUNTS CAL-AMT ( ug/L) | AMOUNTS ON-COL ( ug/L) | TARGET RANGE | RATIO |
|---|---|---|---|---|---|---|---|
| 17 Heptachlor | | | | | CAS #: 76-44-8 | | |
| 2.903 | 2.910 | -0.007 | 552949 | 100.000 | 100 | 80.00- 120.00 | 100.00 |
| 1 Aldrin | | | | | CAS #: 309-00-2 | | |
| 3.173 | 3.180 | -0.007 | 542064 | 100.000 | 110 | 80.00- 120.00 | 100.00 |
| 18 Heptachlor epoxide | | | | | CAS #: 1024-57-3 | | |
| 4.060 | 4.073 | -0.013 | 549610 | 100.000 | 100 | 80.00- 120.00 | 100.00 |
| 65 gamma-Chlordane | | | | | CAS #: 5103-74-2 | | |
| 4.360 | 4.370 | -0.010 | 547457 | 100.000 | 100 | 80.00- 120.00 | 100.00 |
| 66 alpha-Chlordane | | | | | CAS #: 5103-71-9 | | |
| 4.683 | 4.690 | -0.007 | 529754 | 100.000 | 110 | 80.00- 120.00 | 100.00 |
| 8 4,4'-DDE | | | | | CAS #: 72-55-9 | | |
| 4.900 | 4.907 | -0.007 | 428059 | 100.000 | 100 | 80.00- 120.00 | 100.00 |
| 11 Endosulfan I | | | | | CAS #: 959-98-8 | | |
| 5.003 | 5.013 | -0.010 | 553328 | 100.000 | 110 | 80.00- 120.00 | 100.00 |
| 10 Dieldrin | | | | | CAS #: 60-57-1 | | |
| 5.617 | 5.627 | -0.010 | 524530 | 100.000 | 110 | 80.00- 120.00 | 100.00 |
| 14 Endrin | | | | | CAS #: 72-20-8 | | |
| 6.213 | 6.220 | -0.007 | 413965 | 100.000 | 99 | 80.00- 120.00 | 100.00 |
| 7 4,4'-DDD | | | | | CAS #: 72-54-8 | | |
| 6.413 | 6.420 | -0.007 | 409400 | 100.000 | 110 | 80.00- 120.00 | 100.00 |
| 12 Endosulfan II | | | | | CAS #: 33213-65-9 | | |
| 6.743 | 6.750 | -0.007 | 447119 | 100.000 | 100 | 80.00- 120.00 | 100.00 |
| 9 4,4'-DDT | | | | | CAS #: 50-29-3 | | |
| 7.053 | 7.057 | -0.004 | 327944 | 100.000 | 95 | 80.00- 120.00 | 100.00 |
| 15 Endrin aldehyde | | | | | CAS #: 7421-93-4 | | |
| 7.483 | 7.487 | -0.004 | 329914 | 100.000 | 100 | 80.00- 120.00 | 100.00 |
| 19 Methoxychlor | | | | | CAS #: 72-43-5 | | |
| 7.733 | 7.733 | 0.000 | 176820 | 100.000 | 96 | 80.00- 120.00 | 100.00 |
| 13 Endosulfan sulfate | | | | | CAS #: 1031-07-8 | | |
| 7.973 | 7.973 | 0.000 | 343263 | 100.000 | 110 | 80.00- 120.00 | 100.00 |
| 16 Endrin ketone | | | | | CAS #: 53494-70-5 | | |
| 8.283 | 8.283 | 0.000 | 409212 | 100.000 | 100 | 80.00- 120.00 | 100.00 |

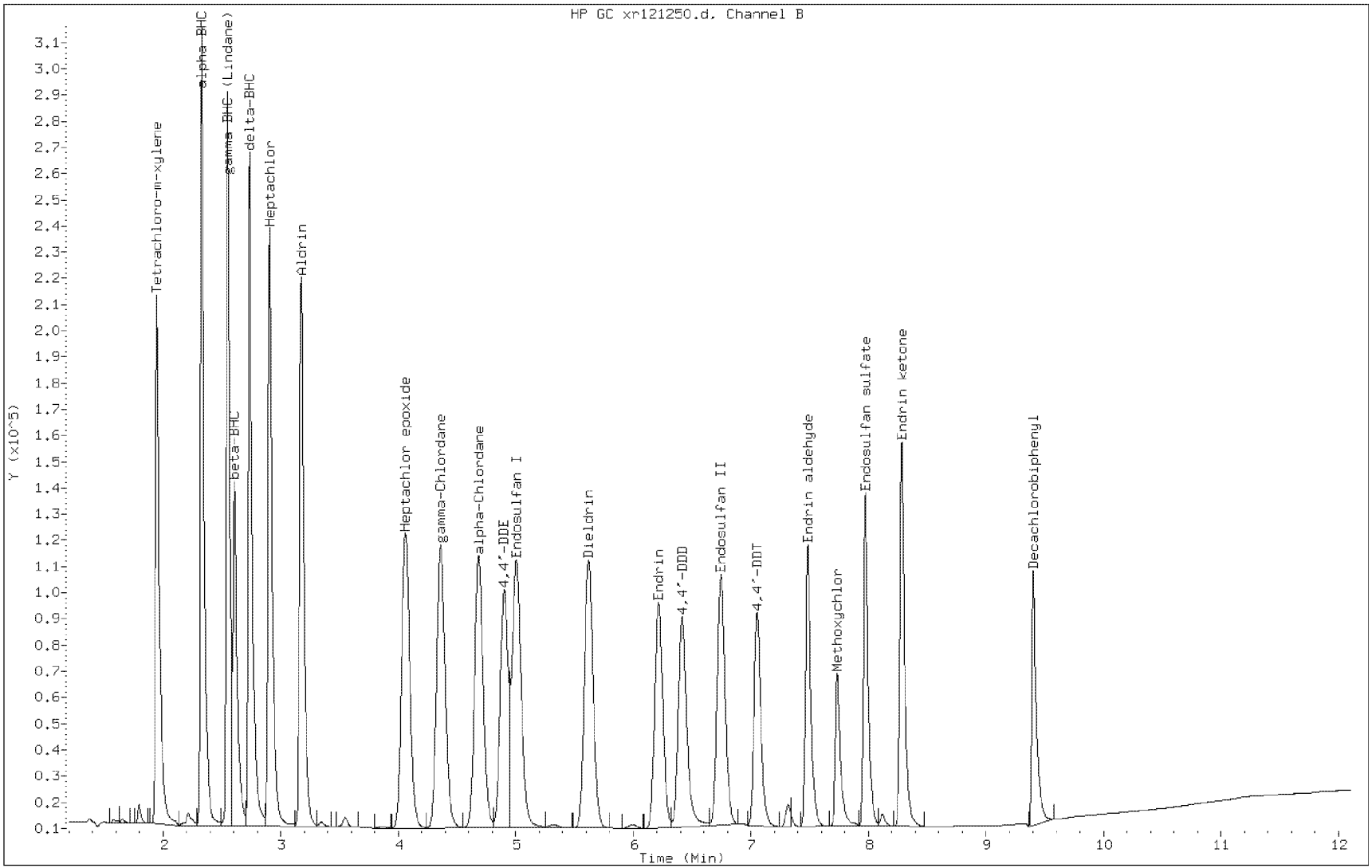
| RT | EXP RT | DLT RT | RESPONSE | AMOUNTS CAL-AMT ( ug/L) | AMOUNTS ON-COL ( ug/L) | TARGET RANGE | RATIO |
|---|---|---|---|---|---|---|---|
| $ 30 Decachlorobiphenyl(surr) | | | | | CAS #: 2051-24-3 | | |
| 9.403 | 9.403 | 0.000 | 260802 | 100.000 | 97 | 80.00- 120.00 | 100.00 |

Data File: xr121250.d

Date: 08-JUN-2011 11:40

Client ID: Instrument: PESTGC1.i

Sample Info: SGPESTL3_00009 Operator: 462

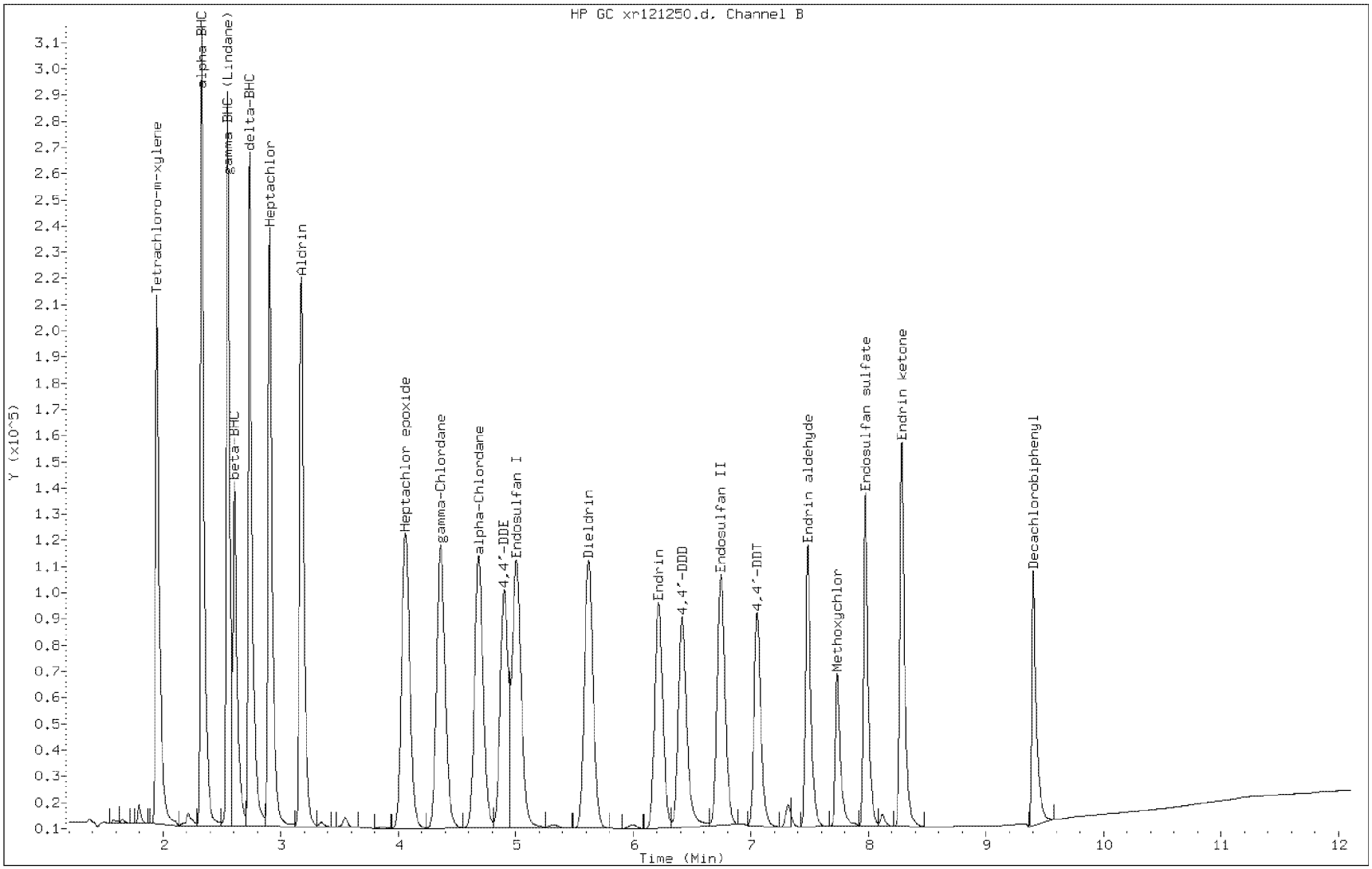


Data File: xr121250.d

Date: 08-JUN-2011 11:40

Client ID: Instrument: PESTGC1.i

Sample Info: SGPESTL3_00009 Operator: 462



FORM VII
GC SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-27128-1

SDG No.:

Lab Sample ID: CCV 460-76138/24 Calibration Date: 06/08/2011 16:44

Instrument ID: PESTGC1 Calib Start Date: 06/02/2011 14:19

GC Column: CLP-2 ID: 0.53(mm) Calib End Date: 06/02/2011 15:14

Lab File ID: xf121272.d Conc. Units: ug/L

| ANALYTE | CURVE TYPE | AVE CF | CF | MIN CF | CALC AMOUNT | SPIKE AMOUNT | %D | MAX %D |
|---|---|---|---|---|---|---|---|---|
| alpha-BHC | Ave | 4173 | 4375 | | 105 | 100 | 4.8 | 15.0 |
| gamma-BHC (Lindane) | Ave | 3864 | 4087 | | 106 | 100 | 5.8 | 15.0 |
| beta-BHC | Ave | 1869 | 1922 | | 103 | 100 | 2.8 | 15.0 |
| delta-BHC | Ave | 4114 | 4435 | | 108 | 100 | 7.8 | 15.0 |
| Heptachlor | Ave | 4194 | 4242 | | 101 | 100 | 1.2 | 15.0 |
| Aldrin | Ave | 4143 | 4565 | | 110 | 100 | 10.2 | 15.0 |
| Heptachlor epoxide | Ave | 3975 | 4268 | | 107 | 100 | 7.4 | 15.0 |
| gamma-Chlordane | Ave | 4169 | 4303 | | 103 | 100 | 3.2 | 15.0 |
| alpha-Chlordane | Ave | 3652 | 3878 | | 106 | 100 | 6.2 | 15.0 |
| Endosulfan I | Ave | 3356 | 3593 | | 107 | 100 | 7.1 | 15.0 |
| 4,4'-DDE | Ave | 3175 | 3475 | | 109 | 100 | 9.5 | 15.0 |
| Dieldrin | Ave | 3291 | 3553 | | 108 | 100 | 8.0 | 15.0 |
| Endrin | Ave | 2772 | 2569 | | 92.7 | 100 | -7.3 | 15.0 |
| 4,4'-DDD | Ave | 2599 | 2929 | | 113 | 100 | 12.7 | 15.0 |
| Endosulfan II | Ave | 2822 | 3051 | | 108 | 100 | 8.1 | 15.0 |
| 4,4'-DDT | Ave | 2471 | 2205 | | 89.2 | 100 | -10.8 | 15.0 |
| Endrin aldehyde | Ave | 2310 | 2408 | | 104 | 100 | 4.2 | 15.0 |
| Endosulfan sulfate | Ave | 2551 | 2615 | | 103 | 100 | 2.5 | 15.0 |
| Methoxychlor | Ave | 1346 | 1168 | | 86.8 | 100 | -13.2 | 15.0 |
| Endrin ketone | Ave | 2802 | 2805 | | 100 | 100 | 0.1 | 15.0 |
| Tetrachloro-m-xylene | Ave | 2975 | 2958 | | 99.4 | 100 | -0.6 | 15.0 |
| DCB Decachlorobiphenyl | Ave | 2052 | 2036 | | 99.2 | 100 | -0.8 | 15.0 |

FORM VII
GC SEMI VOA CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-27128-1

SDG No.:

Lab Sample ID: CCV 460-76138/24 Calibration Date: 06/08/2011 16:44

Instrument ID: PESTGC1 Calib Start Date: 06/02/2011 14:19

GC Column: CLP-2 ID: 0.53(mm) Calib End Date: 06/02/2011 15:14

Lab File ID: xf121272.d

| Analyte | RT | RT WINDOW | |
|---|---|---|---|
| | | TO | FROM |
| alpha-BHC | 2.86 | 2.81 | 2.91 |
| gamma-BHC (Lindane) | 3.21 | 3.16 | 3.26 |
| beta-BHC | 3.31 | 3.26 | 3.36 |
| delta-BHC | 3.74 | 3.69 | 3.79 |
| Heptachlor | 3.90 | 3.85 | 3.95 |
| Aldrin | 4.75 | 4.70 | 4.80 |
| Heptachlor epoxide | 6.30 | 6.23 | 6.37 |
| gamma-Chlordane | 6.78 | 6.71 | 6.85 |
| alpha-Chlordane | 7.11 | 7.04 | 7.18 |
| Endosulfan I | 7.22 | 7.15 | 7.29 |
| 4,4'-DDE | 7.37 | 7.30 | 7.44 |
| Dieldrin | 7.61 | 7.54 | 7.68 |
| Endrin | 7.97 | 7.90 | 8.04 |
| 4,4'-DDD | 8.07 | 8.00 | 8.14 |
| Endosulfan II | 8.21 | 8.14 | 8.28 |
| 4,4'-DDT | 8.44 | 8.37 | 8.51 |
| Endrin aldehyde | 8.60 | 8.53 | 8.67 |
| Endosulfan sulfate | 8.93 | 8.86 | 9.00 |
| Methoxychlor | 9.22 | 9.15 | 9.29 |
| Endrin ketone | 9.49 | 9.42 | 9.56 |
| Tetrachloro-m-xylene | 2.36 | 2.31 | 2.41 |
| DCB Decachlorobiphenyl | 10.40 | 10.30 | 10.50 |

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC1.i/8081T/front/Jun11/06-08-11/08jun11b.b/xf121272.d
Lab Smp Id: SGPESTL3_00009
Inj Date : 08-JUN-2011 16:44
Operator : 462 Inst ID: PESTGC1.i
Smp Info : SGPESTL3_00009
Misc Info :
Comment :
Method : /chem1/PESTGC1.i/8081T/front/Jun11/06-08-11/08jun11b.b/09Xf8081.m
Meth Date : 09-Jun-2011 07:06 Ex. 4 CBI Quant Type: ESTD
Cal Date : 02-JUN-2011 15:42 Cal File: xf120980.d
Als bottle: 1 Continuing Calibration Sample
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: SCpestRANGE.sub
Target Version: 3.50 Sample Matrix: WATER
Processing Host: hpd3

Concentration Formula: Amt * DF * Vt/Vo * CpndVariable

| Name | Value | Description |
|---|---|---|
| DF | 1.00000 | Dilution Factor |
| Vt | 5.00000 | Volume of final extract (mL) |
| Vo | 1000.00000 | Volume of sample extracted (mL) |

Cpnd Variable Local Compound Variable

| RT | EXP RT | DLT RT | RESPONSE | AMOUNTS CAL-AMT ( ug/L) | AMOUNTS ON-COL ( ug/L) | TARGET RANGE | RATIO |
|---|---|---|---|---|---|---|---|
| $ 28 Tetrachloro-m-xylene(surr) | | | | | CAS #: 877-09-8 | | |
| 2.357 | 2.357 | 0.000 | 295771 | 100.000 | 99 | 80.00- 120.00 | 100.00(a) |
| 2 alpha-BHC | | | | | CAS #: 319-84-6 | | |
| 2.857 | 2.857 | 0.000 | 437466 | 100.000 | 100 | 80.00- 120.00 | 100.00(a) |
| 5 gamma-BHC (Lindane) | | | | | CAS #: 58-89-9 | | |
| 3.213 | 3.213 | 0.000 | 408690 | 100.000 | 100 | 80.00- 120.00 | 100.00(a) |
| 3 beta-BHC | | | | | CAS #: 319-85-7 | | |
| 3.307 | 3.307 | 0.000 | 192219 | 100.000 | 100 | 80.00- 120.00 | 100.00(a) |
| 4 delta-BHC | | | | | CAS #: 319-86-8 | | |
| 3.743 | 3.743 | 0.000 | 443506 | 100.000 | 110 | 80.00- 120.00 | 100.00(a) |

| RT | EXP RT | DLT RT | RESPONSE | AMOUNTS CAL-AMT ( ug/L) | AMOUNTS ON-COL ( ug/L) | TARGET RANGE | RATIO |
|---|---|---|---|---|---|---|---|
| 17 Heptachlor | | | | | CAS #: 76-44-8 | | |
| 3.897 | 3.897 | 0.000 | 424232 | 100.000 | 100 | 80.00- 120.00 | 100.00(a) |
| 1 Aldrin | | | | | CAS #: 309-00-2 | | |
| 4.747 | 4.747 | 0.000 | 456538 | 100.000 | 110 | 80.00- 120.00 | 100.00(a) |
| 18 Heptachlor epoxide | | | | | CAS #: 1024-57-3 | | |
| 6.297 | 6.297 | 0.000 | 426816 | 100.000 | 110 | 80.00- 120.00 | 100.00(a) |
| 65 gamma-Chlordane | | | | | CAS #: 5103-74-2 | | |
| 6.780 | 6.780 | 0.000 | 430290 | 100.000 | 100 | 80.00- 120.00 | 100.00(a) |
| 66 alpha-Chlordane | | | | | CAS #: 5103-71-9 | | |
| 7.110 | 7.110 | 0.000 | 387847 | 100.000 | 110 | 80.00- 120.00 | 100.00(a) |
| 11 Endosulfan I | | | | | CAS #: 959-98-8 | | |
| 7.223 | 7.223 | 0.000 | 359270 | 100.000 | 110 | 80.00- 120.00 | 100.00(a) |
| 8 4,4'-DDE | | | | | CAS #: 72-55-9 | | |
| 7.370 | 7.370 | 0.000 | 347483 | 100.000 | 110 | 80.00- 120.00 | 100.00(a) |
| 10 Dieldrin | | | | | CAS #: 60-57-1 | | |
| 7.613 | 7.613 | 0.000 | 355301 | 100.000 | 110 | 80.00- 120.00 | 100.00(a) |
| 14 Endrin | | | | | CAS #: 72-20-8 | | |
| 7.970 | 7.970 | 0.000 | 256921 | 100.000 | 93 | 80.00- 120.00 | 100.00(a) |
| 7 4,4'-DDD | | | | | CAS #: 72-54-8 | | |
| 8.070 | 8.070 | 0.000 | 292939 | 100.000 | 110 | 80.00- 120.00 | 100.00(a) |
| 12 Endosulfan II | | | | | CAS #: 33213-65-9 | | |
| 8.210 | 8.210 | 0.000 | 305131 | 100.000 | 110 | 80.00- 120.00 | 100.00(a) |
| 9 4,4'-DDT | | | | | CAS #: 50-29-3 | | |
| 8.437 | 8.437 | 0.000 | 220485 | 100.000 | 89 | 80.00- 120.00 | 100.00(a) |
| 15 Endrin aldehyde | | | | | CAS #: 7421-93-4 | | |
| 8.600 | 8.600 | 0.000 | 240784 | 100.000 | 100 | 80.00- 120.00 | 100.00(a) |
| 13 Endosulfan sulfate | | | | | CAS #: 1031-07-8 | | |
| 8.927 | 8.927 | 0.000 | 261535 | 100.000 | 100 | 80.00- 120.00 | 100.00(a) |
| 19 Methoxychlor | | | | | CAS #: 72-43-5 | | |
| 9.223 | 9.223 | 0.000 | 116767 | 100.000 | 87 | 80.00- 120.00 | 100.00(a) |
| 16 Endrin ketone | | | | | CAS #: 53494-70-5 | | |
| 9.490 | 9.490 | 0.000 | 280540 | 100.000 | 100 | 80.00- 120.00 | 100.00(a) |

| RT | EXP RT | DLT RT | RESPONSE | AMOUNTS CAL-AMT ( ug/L) | AMOUNTS ON-COL ( ug/L) | TARGET RANGE | RATIO |
|---|---|---|---|---|---|---|---|
| $ 30 Decachlorobiphenyl(surr) | | | | | CAS #: 2051-24-3 | | |
| 10.400 | 10.400 | 0.000 | 203618 | 100.000 | 99 | 80.00- 120.00 | 100.00(a) |

QC Flag Legend

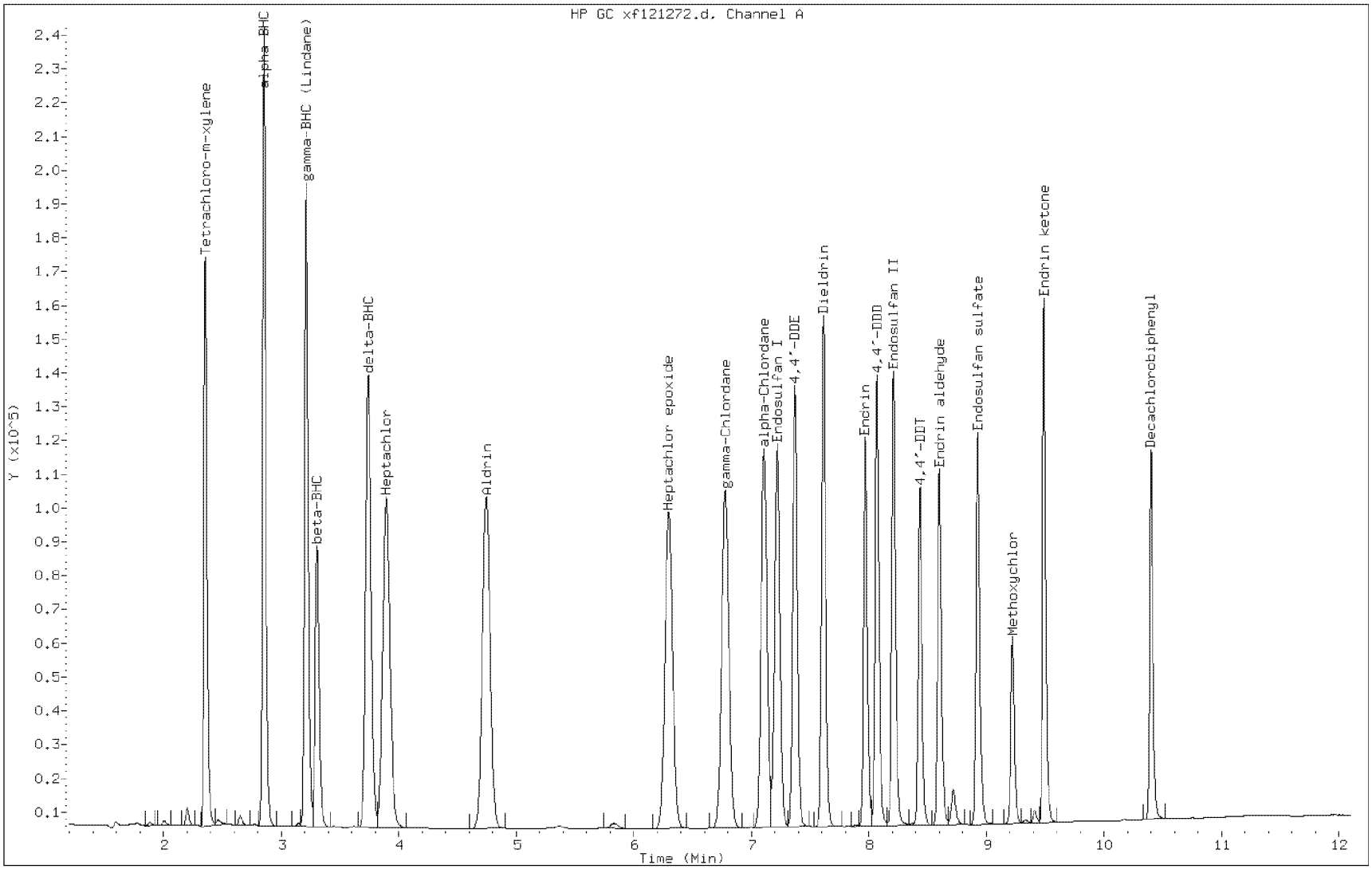
a - Target compound detected but, quantitated amount
Below Limit Of Quantitation(BLOQ).

Data File: xf121272.d

Date: 08-JUN-2011 16:44

Client ID: Instrument: PESTGC1.i

Sample Info: SGPESTL3_00009 Operator: 462



FORM VII
GC SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-27128-1

SDG No.:

Lab Sample ID: CCV 460-76138/24 Calibration Date: 06/08/2011 16:44

Instrument ID: PESTGC1 Calib Start Date: 06/02/2011 14:19

GC Column: CLP-1 ID: 0.53(mm) Calib End Date: 06/02/2011 15:14

Lab File ID: xr121272.d Conc. Units: ug/L

| ANALYTE | CURVE TYPE | AVE CF | CF | MIN CF | CALC AMOUNT | SPIKE AMOUNT | %D | MAX %D |
|---|---|---|---|---|---|---|---|---|
| alpha-BHC | Ave | 6376 | 6508 | | 102 | 100 | 2.1 | 15.0 |
| gamma-BHC (Lindane) | Ave | 5208 | 5433 | | 104 | 100 | 4.3 | 15.0 |
| beta-BHC | Ave | 3069 | 3077 | | 100 | 100 | 0.2 | 15.0 |
| delta-BHC | Ave | 5575 | 5577 | | 100 | 100 | 0.0 | 15.0 |
| Heptachlor | Ave | 5221 | 5170 | | 99.0 | 100 | -1.0 | 15.0 |
| Aldrin | Ave | 5026 | 5497 | | 109 | 100 | 9.4 | 15.0 |
| Heptachlor epoxide | Ave | 5286 | 5567 | | 105 | 100 | 5.3 | 15.0 |
| gamma-Chlordane | Ave | 5262 | 5550 | | 105 | 100 | 5.5 | 15.0 |
| alpha-Chlordane | Ave | 4928 | 5372 | | 109 | 100 | 9.0 | 15.0 |
| 4,4'-DDE | Ave | 4224 | 4278 | | 101 | 100 | 1.3 | 15.0 |
| Endosulfan I | Ave | 5063 | 5662 | | 112 | 100 | 11.8 | 15.0 |
| Dieldrin | Ave | 4915 | 5319 | | 108 | 100 | 8.2 | 15.0 |
| Endrin | Ave | 4189 | 3868 | | 92.3 | 100 | -7.7 | 15.0 |
| 4,4'-DDD | Ave | 3744 | 3965 | | 106 | 100 | 5.9 | 15.0 |
| Endosulfan II | Ave | 4412 | 4498 | | 102 | 100 | 1.9 | 15.0 |
| 4,4'-DDT | Ave | 3443 | 3174 | | 92.2 | 100 | -7.8 | 15.0 |
| Endrin aldehyde | Ave | 3122 | 3410 | | 109 | 100 | 9.2 | 15.0 |
| Methoxychlor | Ave | 1842 | 1695 | | 92.0 | 100 | -8.0 | 15.0 |
| Endosulfan sulfate | Ave | 3231 | 3426 | | 106 | 100 | 6.0 | 15.0 |
| Endrin ketone | Ave | 3923 | 4202 | | 107 | 100 | 7.1 | 15.0 |
| Tetrachloro-m-xylene | Ave | 4708 | 4740 | | 101 | 100 | 0.7 | 15.0 |
| DCB Decachlorobiphenyl | Ave | 2684 | 2775 | | 103 | 100 | 3.4 | 15.0 |

FORM VII
GC SEMI VOA CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-27128-1

SDG No.:

Lab Sample ID: CCV 460-76138/24 Calibration Date: 06/08/2011 16:44

Instrument ID: PESTGC1 Calib Start Date: 06/02/2011 14:19

GC Column: CLP-1 ID: 0.53(mm) Calib End Date: 06/02/2011 15:14

Lab File ID: xr121272.d

| Analyte | RT | RT WINDOW | |
|---|---|---|---|
| | | TO | FROM |
| alpha-BHC | 2.33 | 2.28 | 2.38 |
| gamma-BHC (Lindane) | 2.55 | 2.50 | 2.60 |
| beta-BHC | 2.61 | 2.56 | 2.66 |
| delta-BHC | 2.74 | 2.69 | 2.79 |
| Heptachlor | 2.91 | 2.86 | 2.96 |
| Aldrin | 3.18 | 3.13 | 3.23 |
| Heptachlor epoxide | 4.07 | 4.00 | 4.14 |
| gamma-Chlordane | 4.37 | 4.30 | 4.44 |
| alpha-Chlordane | 4.69 | 4.62 | 4.76 |
| 4,4'-DDE | 4.91 | 4.84 | 4.98 |
| Endosulfan I | 5.01 | 4.94 | 5.08 |
| Dieldrin | 5.63 | 5.56 | 5.70 |
| Endrin | 6.22 | 6.15 | 6.29 |
| 4,4'-DDD | 6.42 | 6.35 | 6.49 |
| Endosulfan II | 6.75 | 6.68 | 6.82 |
| 4,4'-DDT | 7.06 | 6.99 | 7.13 |
| Endrin aldehyde | 7.49 | 7.42 | 7.56 |
| Methoxychlor | 7.73 | 7.66 | 7.80 |
| Endosulfan sulfate | 7.97 | 7.90 | 8.04 |
| Endrin ketone | 8.28 | 8.21 | 8.35 |
| Tetrachloro-m-xylene | 1.95 | 1.90 | 2.00 |
| DCB Decachlorobiphenyl | 9.40 | 9.30 | 9.50 |

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC1.i/8081T/rear/Jun11/06-08-11/08jun11b.b/xr121272.d
Lab Smp Id: SGPESTL3_00009
Inj Date : 08-JUN-2011 16:44
Operator : 462 Inst ID: PESTGC1.i
Smp Info : SGPESTL3_00009
Misc Info :
Comment :
Method : /chem1/PESTGC1.i/8081T/rear/Jun11/06-08-11/08jun11b.b/09Xr8081.m
Meth Date : 09-Jun-2011 07:02 Ex. 4 CBI Quant Type: ESTD
Cal Date : 02-JUN-2011 15:42 Cal File: xr120980.d
Als bottle: 1 Continuing Calibration Sample
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: SCpestRANGE.sub
Target Version: 3.50 Sample Matrix: WATER
Processing Host: hpd3

Concentration Formula: Amt * DF * Vt/Vo * CpndVariable

| Name | Value | Description |
|---|---|---|
| DF | 1.00000 | Dilution Factor |
| Vt | 5.00000 | Volume of final extract (mL) |
| Vo | 1000.00000 | Volume of sample extracted (mL) |

Cpnd Variable Local Compound Variable

| RT | EXP RT | DLT RT | RESPONSE | AMOUNTS CAL-AMT ( ug/L) | AMOUNTS ON-COL ( ug/L) | TARGET RANGE | RATIO |
|---|---|---|---|---|---|---|---|
| $ 28 Tetrachloro-m-xylene(surr) | | | | | CAS #: 877-09-8 | | |
| 1.950 | 1.950 | 0.000 | 474024 | 100.000 | 100 | 80.00- 120.00 | 100.00 |
| 2 alpha-BHC | | | | | CAS #: 319-84-6 | | |
| 2.330 | 2.330 | 0.000 | 650786 | 100.000 | 100 | 80.00- 120.00 | 100.00 |
| 5 gamma-BHC (Lindane) | | | | | CAS #: 58-89-9 | | |
| 2.550 | 2.550 | 0.000 | 543289 | 100.000 | 100 | 80.00- 120.00 | 100.00 |
| 3 beta-BHC | | | | | CAS #: 319-85-7 | | |
| 2.610 | 2.610 | 0.000 | 307698 | 100.000 | 100 | 80.00- 120.00 | 100.00 |
| 4 delta-BHC | | | | | CAS #: 319-86-8 | | |
| 2.740 | 2.740 | 0.000 | 557698 | 100.000 | 100 | 80.00- 120.00 | 100.00 |

| RT | EXP RT | DLT RT | RESPONSE | AMOUNTS CAL-AMT ( ug/L) | AMOUNTS ON-COL ( ug/L) | TARGET RANGE | RATIO |
|---|---|---|---|---|---|---|---|
| 17 Heptachlor | | | | | CAS #: 76-44-8 | | |
| 2.910 | 2.910 | 0.000 | 516977 | 100.000 | 99 | 80.00- 120.00 | 100.00 |
| 1 Aldrin | | | | | CAS #: 309-00-2 | | |
| 3.180 | 3.180 | 0.000 | 549705 | 100.000 | 110 | 80.00- 120.00 | 100.00 |
| 18 Heptachlor epoxide | | | | | CAS #: 1024-57-3 | | |
| 4.073 | 4.073 | 0.000 | 556659 | 100.000 | 100 | 80.00- 120.00 | 100.00 |
| 65 gamma-Chlordane | | | | | CAS #: 5103-74-2 | | |
| 4.370 | 4.370 | 0.000 | 554999 | 100.000 | 100 | 80.00- 120.00 | 100.00 |
| 66 alpha-Chlordane | | | | | CAS #: 5103-71-9 | | |
| 4.690 | 4.690 | 0.000 | 537169 | 100.000 | 110 | 80.00- 120.00 | 100.00 |
| 8 4,4'-DDE | | | | | CAS #: 72-55-9 | | |
| 4.907 | 4.907 | 0.000 | 427806 | 100.000 | 100 | 80.00- 120.00 | 100.00 |
| 11 Endosulfan I | | | | | CAS #: 959-98-8 | | |
| 5.013 | 5.013 | 0.000 | 566181 | 100.000 | 110 | 80.00- 120.00 | 100.00 |
| 10 Dieldrin | | | | | CAS #: 60-57-1 | | |
| 5.627 | 5.627 | 0.000 | 531852 | 100.000 | 110 | 80.00- 120.00 | 100.00 |
| 14 Endrin | | | | | CAS #: 72-20-8 | | |
| 6.220 | 6.220 | 0.000 | 386761 | 100.000 | 92 | 80.00- 120.00 | 100.00 |
| 7 4,4'-DDD | | | | | CAS #: 72-54-8 | | |
| 6.420 | 6.420 | 0.000 | 396460 | 100.000 | 100 | 80.00- 120.00 | 100.00 |
| 12 Endosulfan II | | | | | CAS #: 33213-65-9 | | |
| 6.750 | 6.750 | 0.000 | 449770 | 100.000 | 100 | 80.00- 120.00 | 100.00 |
| 9 4,4'-DDT | | | | | CAS #: 50-29-3 | | |
| 7.057 | 7.057 | 0.000 | 317358 | 100.000 | 92 | 80.00- 120.00 | 100.00 |
| 15 Endrin aldehyde | | | | | CAS #: 7421-93-4 | | |
| 7.487 | 7.487 | 0.000 | 340973 | 100.000 | 110 | 80.00- 120.00 | 100.00 |
| 19 Methoxychlor | | | | | CAS #: 72-43-5 | | |
| 7.733 | 7.733 | 0.000 | 169513 | 100.000 | 92 | 80.00- 120.00 | 100.00 |
| 13 Endosulfan sulfate | | | | | CAS #: 1031-07-8 | | |
| 7.973 | 7.973 | 0.000 | 342570 | 100.000 | 110 | 80.00- 120.00 | 100.00 |
| 16 Endrin ketone | | | | | CAS #: 53494-70-5 | | |
| 8.283 | 8.283 | 0.000 | 420203 | 100.000 | 110 | 80.00- 120.00 | 100.00 |

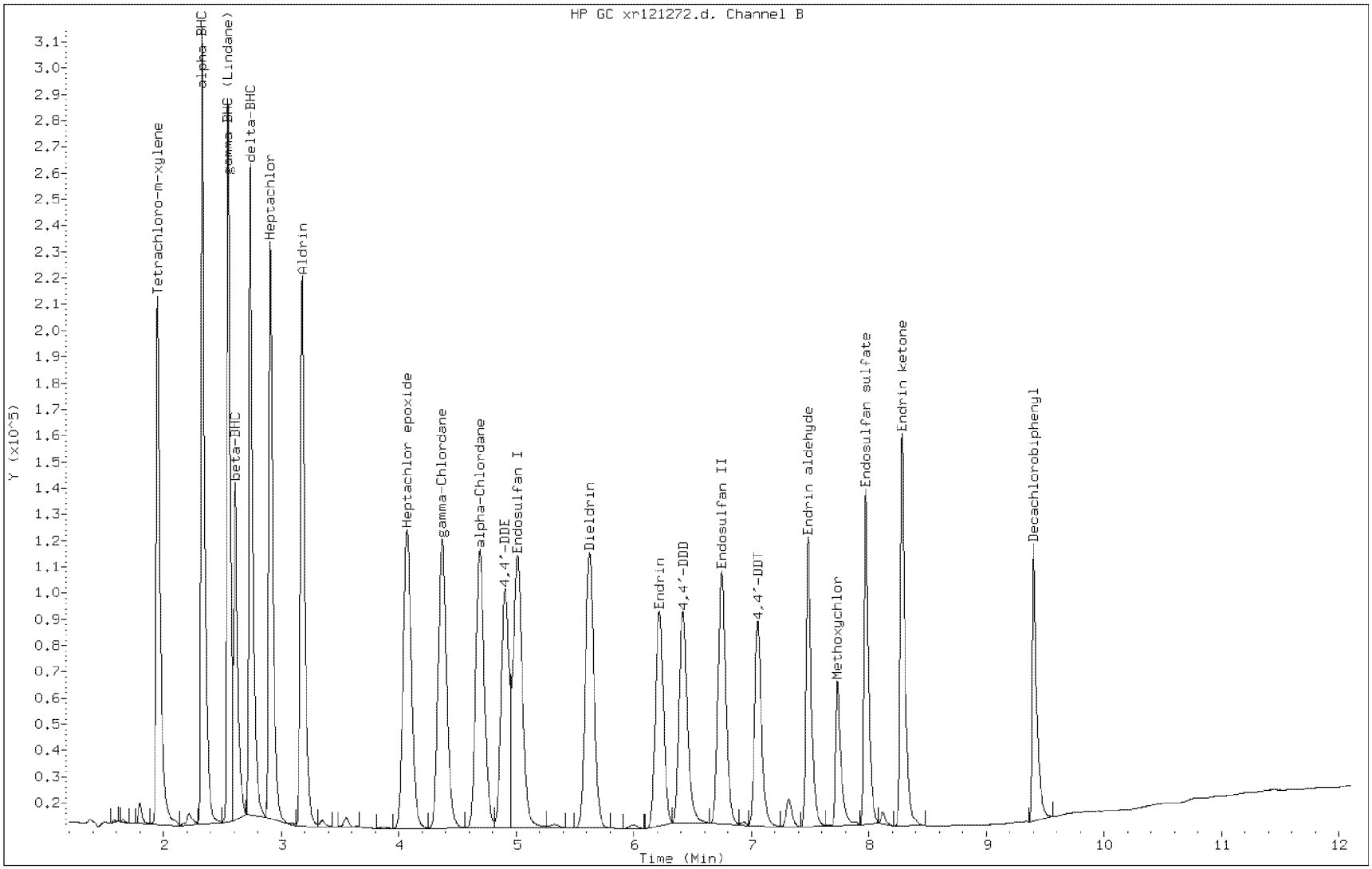
| RT | EXP RT | DLT RT | RESPONSE | AMOUNTS CAL-AMT ( ug/L) | AMOUNTS ON-COL ( ug/L) | TARGET RANGE | RATIO |
|---|---|---|---|---|---|---|---|
| $ 30 Decachlorobiphenyl(surr) | | | | | CAS #: 2051-24-3 | | |
| 9.403 | 9.403 | 0.000 | 277536 | 100.000 | 100 | 80.00- 120.00 | 100.00 |

Data File: xr121272.d

Date: 08-JUN-2011 16:44

Client ID: Instrument: PESTGC1.i

Sample Info: SGPESTL3_00009 Operator: 462



FORM VII
GC SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-27128-1

SDG No.:

Lab Sample ID: CCVRT 460-76149/5 Calibration Date: 06/09/2011 07:46

Instrument ID: PESTGC1 Calib Start Date: 06/02/2011 14:19

GC Column: CLP-2 ID: 0.53(mm) Calib End Date: 06/02/2011 15:14

Lab File ID: xf121298.d Conc. Units: ug/L

| ANALYTE | CURVE TYPE | AVE CF | CF | MIN CF | CALC AMOUNT | SPIKE AMOUNT | %D | MAX %D |
|---|---|---|---|---|---|---|---|---|
| alpha-BHC | Ave | 4173 | 4379 | | 105 | 100 | 4.9 | 15.0 |
| gamma-BHC (Lindane) | Ave | 3864 | 4096 | | 106 | 100 | 6.0 | 15.0 |
| beta-BHC | Ave | 1869 | 1926 | | 103 | 100 | 3.0 | 15.0 |
| delta-BHC | Ave | 4114 | 4460 | | 108 | 100 | 8.4 | 15.0 |
| Heptachlor | Ave | 4194 | 4618 | | 110 | 100 | 10.1 | 15.0 |
| Aldrin | Ave | 4143 | 4567 | | 110 | 100 | 10.2 | 15.0 |
| Heptachlor epoxide | Ave | 3975 | 4286 | | 108 | 100 | 7.8 | 15.0 |
| gamma-Chlordane | Ave | 4169 | 4302 | | 103 | 100 | 3.2 | 15.0 |
| alpha-Chlordane | Ave | 3652 | 3866 | | 106 | 100 | 5.9 | 15.0 |
| Endosulfan I | Ave | 3356 | 3574 | | 106 | 100 | 6.5 | 15.0 |
| 4,4'-DDE | Ave | 3175 | 3449 | | 109 | 100 | 8.6 | 15.0 |
| Dieldrin | Ave | 3291 | 3513 | | 107 | 100 | 6.7 | 15.0 |
| Endrin | Ave | 2772 | 2937 | | 106 | 100 | 6.0 | 15.0 |
| 4,4'-DDD | Ave | 2599 | 2722 | | 105 | 100 | 4.7 | 15.0 |
| Endosulfan II | Ave | 2822 | 2961 | | 105 | 100 | 4.9 | 15.0 |
| 4,4'-DDT | Ave | 2471 | 2672 | | 108 | 100 | 8.1 | 15.0 |
| Endrin aldehyde | Ave | 2310 | 2354 | | 102 | 100 | 1.9 | 15.0 |
| Endosulfan sulfate | Ave | 2551 | 2635 | | 103 | 100 | 3.3 | 15.0 |
| Methoxychlor | Ave | 1346 | 1402 | | 104 | 100 | 4.2 | 15.0 |
| Endrin ketone | Ave | 2802 | 2714 | | 96.8 | 100 | -3.2 | 15.0 |
| Tetrachloro-m-xylene | Ave | 2975 | 3002 | | 101 | 100 | 0.9 | 15.0 |
| DCB Decachlorobiphenyl | Ave | 2052 | 2014 | | 98.1 | 100 | -1.9 | 15.0 |

FORM VII
GC SEMI VOA CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-27128-1

SDG No.:

Lab Sample ID: CCVRT 460-76149/5 Calibration Date: 06/09/2011 07:46

Instrument ID: PESTGC1 Calib Start Date: 06/02/2011 14:19

GC Column: CLP-2 ID: 0.53(mm) Calib End Date: 06/02/2011 15:14

Lab File ID: xf121298.d

| Analyte | RT | RT WINDOW | |
|---|---|---|---|
| | | TO | FROM |
| alpha-BHC | 2.85 | 2.80 | 2.90 |
| gamma-BHC (Lindane) | 3.21 | 3.16 | 3.26 |
| beta-BHC | 3.30 | 3.25 | 3.35 |
| delta-BHC | 3.74 | 3.69 | 3.79 |
| Heptachlor | 3.89 | 3.84 | 3.94 |
| Aldrin | 4.74 | 4.69 | 4.79 |
| Heptachlor epoxide | 6.30 | 6.23 | 6.37 |
| gamma-Chlordane | 6.78 | 6.71 | 6.85 |
| alpha-Chlordane | 7.11 | 7.04 | 7.18 |
| Endosulfan I | 7.22 | 7.15 | 7.29 |
| 4,4'-DDE | 7.37 | 7.30 | 7.44 |
| Dieldrin | 7.61 | 7.54 | 7.68 |
| Endrin | 7.97 | 7.90 | 8.04 |
| 4,4'-DDD | 8.07 | 8.00 | 8.14 |
| Endosulfan II | 8.21 | 8.14 | 8.28 |
| 4,4'-DDT | 8.44 | 8.37 | 8.51 |
| Endrin aldehyde | 8.60 | 8.53 | 8.67 |
| Endosulfan sulfate | 8.93 | 8.86 | 9.00 |
| Methoxychlor | 9.22 | 9.15 | 9.29 |
| Endrin ketone | 9.49 | 9.42 | 9.56 |
| Tetrachloro-m-xylene | 2.35 | 2.30 | 2.40 |
| DCB Decachlorobiphenyl | 10.40 | 10.30 | 10.50 |

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC1.i/8081T/front/Jun11/06-09-11/09jun11a.b/xf121298.d
Lab Smp Id: SGPESTL3_00009
Inj Date : 09-JUN-2011 07:46
Operator : 462 Inst ID: PESTGC1.i
Smp Info : SGPESTL3_00009
Misc Info :
Comment :
Method : /chem1/PESTGC1.i/8081T/front/Jun11/06-09-11/09jun11a.b/09Xf8081.m
Meth Date : 09-Jun-2011 08:26 Ex. 4 CBI Quant Type: ESTD
Cal Date : 02-JUN-2011 15:42 Cal File: xf120980.d
Als bottle: 1 Continuing Calibration Sample
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: SCpestRANGE.sub
Target Version: 3.50 Sample Matrix: WATER
Processing Host: hpd3

Concentration Formula: Amt * DF * Vt/Vo * CpndVariable

| Name | Value | Description |
|---|---|---|
| DF | 1.00000 | Dilution Factor |
| Vt | 5.00000 | Volume of final extract (mL) |
| Vo | 1000.00000 | Volume of sample extracted (mL) |

Cpnd Variable Local Compound Variable

| RT | EXP RT | DLT RT | RESPONSE | AMOUNTS CAL-AMT ( ug/L) | AMOUNTS ON-COL ( ug/L) | TARGET RANGE | RATIO |
|---|---|---|---|---|---|---|---|
| $ 28 Tetrachloro-m-xylene(surr) | | | | | CAS #: 877-09-8 | | |
| 2.353 | 2.353 | 0.000 | 300182 | 100.000 | 100 | 80.00- 120.00 | 100.00(a) |
| 2 alpha-BHC | | | | | CAS #: 319-84-6 | | |
| 2.853 | 2.853 | 0.000 | 437907 | 100.000 | 100 | 80.00- 120.00 | 100.00(a) |
| 5 gamma-BHC (Lindane) | | | | | CAS #: 58-89-9 | | |
| 3.213 | 3.213 | 0.000 | 409572 | 100.000 | 110 | 80.00- 120.00 | 100.00(a) |
| 3 beta-BHC | | | | | CAS #: 319-85-7 | | |
| 3.303 | 3.303 | 0.000 | 192571 | 100.000 | 100 | 80.00- 120.00 | 100.00(a) |
| 4 delta-BHC | | | | | CAS #: 319-86-8 | | |
| 3.740 | 3.740 | 0.000 | 446011 | 100.000 | 110 | 80.00- 120.00 | 100.00(a) |

| RT | EXP RT | DLT RT | RESPONSE | AMOUNTS CAL-AMT ( ug/L) | AMOUNTS ON-COL ( ug/L) | TARGET RANGE | RATIO |
|---|---|---|---|---|---|---|---|
| 17 Heptachlor | | | | | CAS #: 76-44-8 | | |
| 3.893 | 3.893 | 0.000 | 461780 | 100.000 | 110 | 80.00- 120.00 | 100.00(a) |
| 1 Aldrin | | | | | CAS #: 309-00-2 | | |
| 4.737 | 4.740 | -0.003 | 456656 | 100.000 | 110 | 80.00- 120.00 | 100.00(a) |
| 18 Heptachlor epoxide | | | | | CAS #: 1024-57-3 | | |
| 6.300 | 6.300 | 0.000 | 428640 | 100.000 | 110 | 80.00- 120.00 | 100.00(a) |
| 65 gamma-Chlordane | | | | | CAS #: 5103-74-2 | | |
| 6.780 | 6.780 | 0.000 | 430207 | 100.000 | 100 | 80.00- 120.00 | 100.00(a) |
| 66 alpha-Chlordane | | | | | CAS #: 5103-71-9 | | |
| 7.107 | 7.110 | -0.003 | 386627 | 100.000 | 100 | 80.00- 120.00 | 100.00(a) |
| 11 Endosulfan I | | | | | CAS #: 959-98-8 | | |
| 7.223 | 7.223 | 0.000 | 357352 | 100.000 | 110 | 80.00- 120.00 | 100.00(a) |
| 8 4,4'-DDE | | | | | CAS #: 72-55-9 | | |
| 7.370 | 7.370 | 0.000 | 344915 | 100.000 | 110 | 80.00- 120.00 | 100.00(a) |
| 10 Dieldrin | | | | | CAS #: 60-57-1 | | |
| 7.613 | 7.613 | 0.000 | 351318 | 100.000 | 110 | 80.00- 120.00 | 100.00(a) |
| 14 Endrin | | | | | CAS #: 72-20-8 | | |
| 7.970 | 7.970 | 0.000 | 293701 | 100.000 | 100 | 80.00- 120.00 | 100.00(a) |
| 7 4,4'-DDD | | | | | CAS #: 72-54-8 | | |
| 8.070 | 8.070 | 0.000 | 272228 | 100.000 | 100 | 80.00- 120.00 | 100.00(a) |
| 12 Endosulfan II | | | | | CAS #: 33213-65-9 | | |
| 8.210 | 8.210 | 0.000 | 296142 | 100.000 | 100 | 80.00- 120.00 | 100.00(a) |
| 9 4,4'-DDT | | | | | CAS #: 50-29-3 | | |
| 8.437 | 8.437 | 0.000 | 267200 | 100.000 | 110 | 80.00- 120.00 | 100.00(a) |
| 15 Endrin aldehyde | | | | | CAS #: 7421-93-4 | | |
| 8.600 | 8.600 | 0.000 | 235412 | 100.000 | 100 | 80.00- 120.00 | 100.00(a) |
| 13 Endosulfan sulfate | | | | | CAS #: 1031-07-8 | | |
| 8.927 | 8.927 | 0.000 | 263512 | 100.000 | 100 | 80.00- 120.00 | 100.00(a) |
| 19 Methoxychlor | | | | | CAS #: 72-43-5 | | |
| 9.223 | 9.223 | 0.000 | 140239 | 100.000 | 100 | 80.00- 120.00 | 100.00(a) |
| 16 Endrin ketone | | | | | CAS #: 53494-70-5 | | |
| 9.490 | 9.490 | 0.000 | 271351 | 100.000 | 97 | 80.00- 120.00 | 100.00(a) |

| RT | EXP RT | DLT RT | RESPONSE | AMOUNTS CAL-AMT ( ug/L) | AMOUNTS ON-COL ( ug/L) | TARGET RANGE | RATIO |
|---|---|---|---|---|---|---|---|
| $ 30 Decachlorobiphenyl(surr) | | | | | CAS #: 2051-24-3 | | |
| 10.400 | 10.400 | 0.000 | 201398 | 100.000 | 98 | 80.00- 120.00 | 100.00(a) |

QC Flag Legend

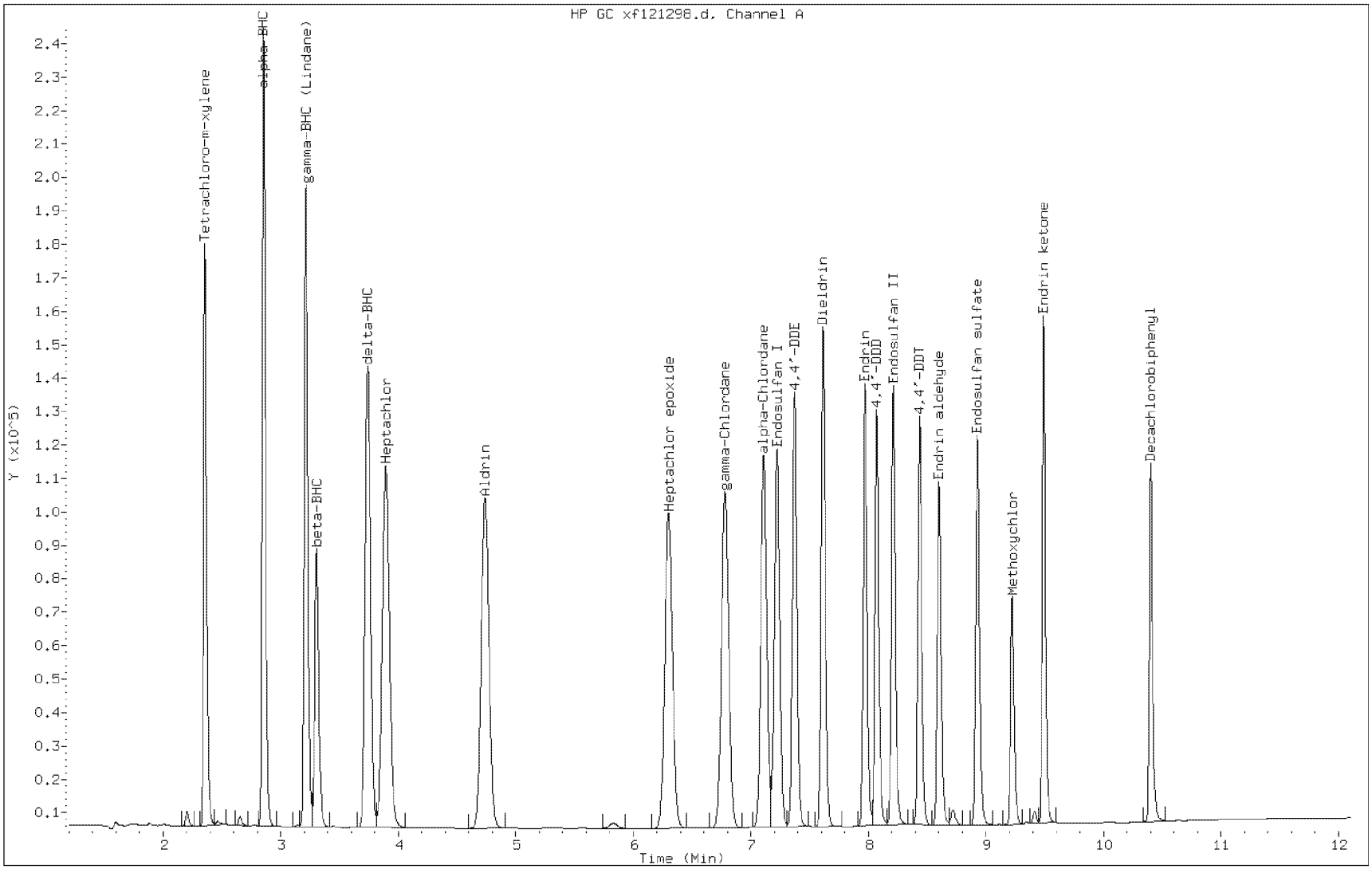
a - Target compound detected but, quantitated amount
Below Limit Of Quantitation(BLOQ).

Data File: xf121298.d

Date: 09-JUN-2011 07:46

Client ID: Instrument: PESTGC1.i

Sample Info: SGPESTL3_00009 Operator: 462



FORM VII
GC SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-27128-1

SDG No.:

Lab Sample ID: CCVRT 460-76149/5 Calibration Date: 06/09/2011 07:46

Instrument ID: PESTGC1 Calib Start Date: 06/02/2011 14:19

GC Column: CLP-1 ID: 0.53(mm) Calib End Date: 06/02/2011 15:14

Lab File ID: xr121298.d Conc. Units: ug/L

| ANALYTE | CURVE TYPE | AVE CF | CF | MIN CF | CALC AMOUNT | SPIKE AMOUNT | %D | MAX %D |
|---|---|---|---|---|---|---|---|---|
| alpha-BHC | Ave | 6376 | 6478 | | 102 | 100 | 1.6 | 15.0 |
| gamma-BHC (Lindane) | Ave | 5208 | 5306 | | 102 | 100 | 1.9 | 15.0 |
| beta-BHC | Ave | 3069 | 3221 | | 105 | 100 | 4.9 | 15.0 |
| delta-BHC | Ave | 5575 | 5866 | | 105 | 100 | 5.2 | 15.0 |
| Heptachlor | Ave | 5221 | 5643 | | 108 | 100 | 8.1 | 15.0 |
| Aldrin | Ave | 5026 | 5255 | | 105 | 100 | 4.5 | 15.0 |
| Heptachlor epoxide | Ave | 5286 | 5372 | | 102 | 100 | 1.6 | 15.0 |
| gamma-Chlordane | Ave | 5262 | 5313 | | 101 | 100 | 1.0 | 15.0 |
| alpha-Chlordane | Ave | 4928 | 5135 | | 104 | 100 | 4.2 | 15.0 |
| 4,4'-DDE | Ave | 4224 | 4042 | | 95.7 | 100 | -4.3 | 15.0 |
| Endosulfan I | Ave | 5063 | 5469 | | 108 | 100 | 8.0 | 15.0 |
| Dieldrin | Ave | 4915 | 5128 | | 104 | 100 | 4.3 | 15.0 |
| Endrin | Ave | 4189 | 4497 | | 107 | 100 | 7.4 | 15.0 |
| 4,4'-DDD | Ave | 3744 | 3931 | | 105 | 100 | 5.0 | 15.0 |
| Endosulfan II | Ave | 4412 | 4615 | | 105 | 100 | 4.6 | 15.0 |
| 4,4'-DDT | Ave | 3443 | 3842 | | 112 | 100 | 11.6 | 15.0 |
| Endrin aldehyde | Ave | 3122 | 3230 | | 103 | 100 | 3.5 | 15.0 |
| Methoxychlor | Ave | 1842 | 2022 | | 110 | 100 | 9.8 | 15.0 |
| Endosulfan sulfate | Ave | 3231 | 3420 | | 106 | 100 | 5.8 | 15.0 |
| Endrin ketone | Ave | 3923 | 3982 | | 102 | 100 | 1.5 | 15.0 |
| Tetrachloro-m-xylene | Ave | 4708 | 4605 | | 97.8 | 100 | -2.2 | 15.0 |
| DCB Decachlorobiphenyl | Ave | 2684 | 2749 | | 102 | 100 | 2.4 | 15.0 |

FORM VII
GC SEMI VOA CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-27128-1

SDG No.:

Lab Sample ID: CCVRT 460-76149/5 Calibration Date: 06/09/2011 07:46

Instrument ID: PESTGC1 Calib Start Date: 06/02/2011 14:19

GC Column: CLP-1 ID: 0.53(mm) Calib End Date: 06/02/2011 15:14

Lab File ID: xr121298.d

| Analyte | RT | RT WINDOW | |
|---|---|---|---|
| | | TO | FROM |
| alpha-BHC | 2.33 | 2.28 | 2.38 |
| gamma-BHC (Lindane) | 2.55 | 2.50 | 2.60 |
| beta-BHC | 2.61 | 2.56 | 2.66 |
| delta-BHC | 2.74 | 2.69 | 2.79 |
| Heptachlor | 2.91 | 2.86 | 2.96 |
| Aldrin | 3.17 | 3.12 | 3.22 |
| Heptachlor epoxide | 4.06 | 3.99 | 4.13 |
| gamma-Chlordane | 4.36 | 4.29 | 4.43 |
| alpha-Chlordane | 4.68 | 4.61 | 4.75 |
| 4,4'-DDE | 4.90 | 4.83 | 4.97 |
| Endosulfan I | 5.00 | 4.93 | 5.07 |
| Dieldrin | 5.62 | 5.55 | 5.69 |
| Endrin | 6.21 | 6.14 | 6.28 |
| 4,4'-DDD | 6.41 | 6.34 | 6.48 |
| Endosulfan II | 6.74 | 6.67 | 6.81 |
| 4,4'-DDT | 7.05 | 6.98 | 7.12 |
| Endrin aldehyde | 7.48 | 7.41 | 7.55 |
| Methoxychlor | 7.73 | 7.66 | 7.80 |
| Endosulfan sulfate | 7.97 | 7.90 | 8.04 |
| Endrin ketone | 8.28 | 8.21 | 8.35 |
| Tetrachloro-m-xylene | 1.95 | 1.90 | 2.00 |
| DCB Decachlorobiphenyl | 9.40 | 9.30 | 9.50 |

Data File: xr121298.d
Report Date: 09-Jun-2011 08:45

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC1.i/8081T/rear/Jun11/06-09-11/09jun11a.b/xr121298.d
Lab Smp Id: SGPESTL3_00009
Inj Date : 09-JUN-2011 07:46
Operator : 462 Inst ID: PESTGC1.i
Smp Info : SGPESTL3_00009
Misc Info :
Comment :
Method : /chem1/PESTGC1.i/8081T/rear/Jun11/06-09-11/09jun11a.b/09Xr8081.m
Meth Date : 09-Jun-2011 08:45 Ex. 4 CBI Quant Type: ESTD
Cal Date : 02-JUN-2011 15:42 Cal File: xr120980.d
Als bottle: 1 Continuing Calibration Sample
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: SCpestRANGE.sub
Target Version: 3.50 Sample Matrix: WATER
Processing Host: hpd3

Concentration Formula: Amt * DF * Vt/Vo * CpndVariable

| Name | Value | Description |
|---|---|---|
| DF | 1.00000 | Dilution Factor |
| Vt | 5.00000 | Volume of final extract (mL) |
| Vo | 1000.00000 | Volume of sample extracted (mL) |

Cpnd Variable Local Compound Variable

| RT | EXP RT | DLT RT | RESPONSE | AMOUNTS CAL-AMT ( ug/L) | AMOUNTS ON-COL ( ug/L) | TARGET RANGE | RATIO |
|---|---|---|---|---|---|---|---|
| $ 28 Tetrachloro-m-xylene(surr) | | | | | CAS #: 877-09-8 | | |
| 1.947 | 1.947 | 0.000 | 460533 | 100.000 | 98 | 80.00- 120.00 | 100.00 |
| 2 alpha-BHC | | | | | CAS #: 319-84-6 | | |
| 2.330 | 2.330 | 0.000 | 647831 | 100.000 | 100 | 80.00- 120.00 | 100.00 |
| 5 gamma-BHC (Lindane) | | | | | CAS #: 58-89-9 | | |
| 2.550 | 2.550 | 0.000 | 530623 | 100.000 | 100 | 80.00- 120.00 | 100.00 |
| 3 beta-BHC | | | | | CAS #: 319-85-7 | | |
| 2.607 | 2.607 | 0.000 | 322096 | 100.000 | 100 | 80.00- 120.00 | 100.00 |
| 4 delta-BHC | | | | | CAS #: 319-86-8 | | |
| 2.737 | 2.737 | 0.000 | 586584 | 100.000 | 100 | 80.00- 120.00 | 100.00 |

Data File: xr121298.d
Report Date: 09-Jun-2011 08:45

| RT | EXP RT | DLT RT | RESPONSE | AMOUNTS CAL-AMT ( ug/L) | AMOUNTS ON-COL ( ug/L) | TARGET RANGE | RATIO |
|---|---|---|---|---|---|---|---|
| 17 Heptachlor | | | | | CAS #: 76-44-8 | | |
| 2.907 | 2.907 | 0.000 | 564345 | 100.000 | 110 | 80.00- 120.00 | 100.00 |
| 1 Aldrin | | | | | CAS #: 309-00-2 | | |
| 3.173 | 3.173 | 0.000 | 525503 | 100.000 | 100 | 80.00- 120.00 | 100.00 |
| 18 Heptachlor epoxide | | | | | CAS #: 1024-57-3 | | |
| 4.057 | 4.057 | 0.000 | 537163 | 100.000 | 100 | 80.00- 120.00 | 100.00 |
| 65 gamma-Chlordane | | | | | CAS #: 5103-74-2 | | |
| 4.357 | 4.357 | 0.000 | 531300 | 100.000 | 100 | 80.00- 120.00 | 100.00 |
| 66 alpha-Chlordane | | | | | CAS #: 5103-71-9 | | |
| 4.680 | 4.680 | 0.000 | 513486 | 100.000 | 100 | 80.00- 120.00 | 100.00 |
| 8 4,4'-DDE | | | | | CAS #: 72-55-9 | | |
| 4.897 | 4.897 | 0.000 | 404166 | 100.000 | 96 | 80.00- 120.00 | 100.00 |
| 11 Endosulfan I | | | | | CAS #: 959-98-8 | | |
| 5.000 | 5.000 | 0.000 | 546910 | 100.000 | 110 | 80.00- 120.00 | 100.00 |
| 10 Dieldrin | | | | | CAS #: 60-57-1 | | |
| 5.617 | 5.617 | 0.000 | 512827 | 100.000 | 100 | 80.00- 120.00 | 100.00 |
| 14 Endrin | | | | | CAS #: 72-20-8 | | |
| 6.213 | 6.213 | 0.000 | 449745 | 100.000 | 110 | 80.00- 120.00 | 100.00 |
| 7 4,4'-DDD | | | | | CAS #: 72-54-8 | | |
| 6.410 | 6.410 | 0.000 | 393075 | 100.000 | 100 | 80.00- 120.00 | 100.00 |
| 12 Endosulfan II | | | | | CAS #: 33213-65-9 | | |
| 6.743 | 6.743 | 0.000 | 461511 | 100.000 | 100 | 80.00- 120.00 | 100.00 |
| 9 4,4'-DDT | | | | | CAS #: 50-29-3 | | |
| 7.053 | 7.053 | 0.000 | 384176 | 100.000 | 110 | 80.00- 120.00 | 100.00 |
| 15 Endrin aldehyde | | | | | CAS #: 7421-93-4 | | |
| 7.483 | 7.483 | 0.000 | 322980 | 100.000 | 100 | 80.00- 120.00 | 100.00 |
| 19 Methoxychlor | | | | | CAS #: 72-43-5 | | |
| 7.733 | 7.733 | 0.000 | 202235 | 100.000 | 110 | 80.00- 120.00 | 100.00 |
| 13 Endosulfan sulfate | | | | | CAS #: 1031-07-8 | | |
| 7.973 | 7.973 | 0.000 | 341951 | 100.000 | 100 | 80.00- 120.00 | 100.00 |
| 16 Endrin ketone | | | | | CAS #: 53494-70-5 | | |
| 8.283 | 8.283 | 0.000 | 398204 | 100.000 | 100 | 80.00- 120.00 | 100.00 |

Data File: xr121298.d
Report Date: 09-Jun-2011 08:45

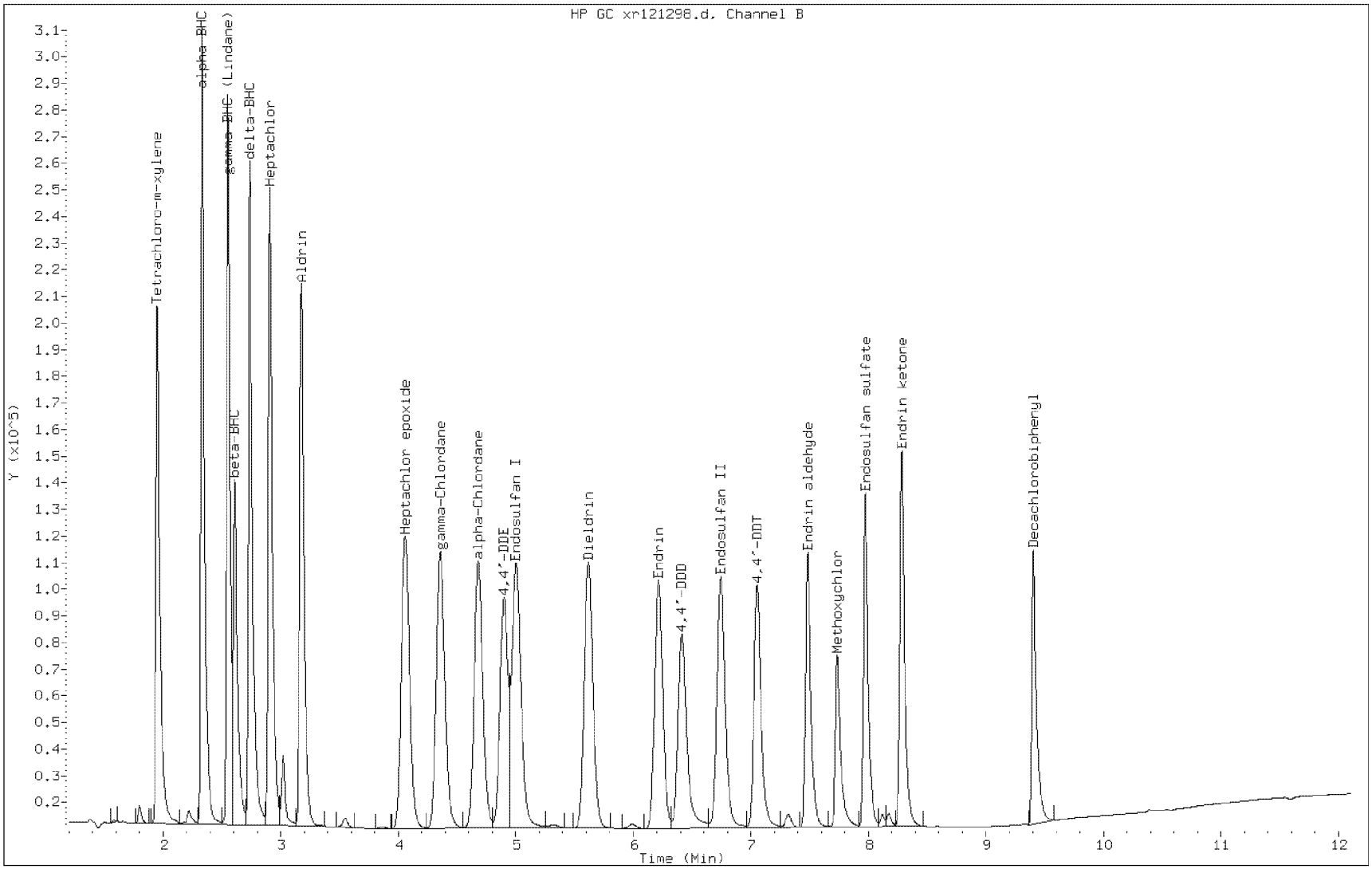
| RT | EXP RT | DLT RT | RESPONSE | AMOUNTS CAL-AMT ( ug/L) | AMOUNTS ON-COL ( ug/L) | TARGET RANGE | RATIO |
|---|---|---|---|---|---|---|---|
| $ 30 Decachlorobiphenyl(surr) | | | | | CAS #: 2051-24-3 | | |
| 9.403 | 9.403 | 0.000 | 274871 | 100.000 | 100 | 80.00- 120.00 | 100.00 |

Data File: xr121298.d

Date: 09-JUN-2011 07:46

Client ID: Instrument: PESTGC1.i

Sample Info: SGPESTL3_00009 Operator: 462



FORM VII
GC SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-27128-1

SDG No.:

Lab Sample ID: CCV 460-76149/8 Calibration Date: 06/09/2011 08:28

Instrument ID: PESTGC1 Calib Start Date: 06/02/2011 14:19

GC Column: CLP-2 ID: 0.53(mm) Calib End Date: 06/02/2011 15:14

Lab File ID: xf121301.d Conc. Units: ug/L

| ANALYTE | CURVE TYPE | AVE CF | CF | MIN CF | CALC AMOUNT | SPIKE AMOUNT | %D | MAX %D |
|---|---|---|---|---|---|---|---|---|
| alpha-BHC | Ave | 4173 | 4343 | | 104 | 100 | 4.1 | 15.0 |
| gamma-BHC (Lindane) | Ave | 3864 | 4051 | | 105 | 100 | 4.9 | 15.0 |
| beta-BHC | Ave | 1869 | 1901 | | 102 | 100 | 1.7 | 15.0 |
| delta-BHC | Ave | 4114 | 4465 | | 109 | 100 | 8.5 | 15.0 |
| Heptachlor | Ave | 4194 | 4588 | | 109 | 100 | 9.4 | 15.0 |
| Aldrin | Ave | 4143 | 4551 | | 110 | 100 | 9.9 | 15.0 |
| Heptachlor epoxide | Ave | 3975 | 4250 | | 107 | 100 | 6.9 | 15.0 |
| gamma-Chlordane | Ave | 4169 | 4235 | | 102 | 100 | 1.6 | 15.0 |
| alpha-Chlordane | Ave | 3652 | 3804 | | 104 | 100 | 4.2 | 15.0 |
| Endosulfan I | Ave | 3356 | 3531 | | 105 | 100 | 5.2 | 15.0 |
| 4,4'-DDE | Ave | 3175 | 3404 | | 107 | 100 | 7.2 | 15.0 |
| Dieldrin | Ave | 3291 | 3468 | | 105 | 100 | 5.4 | 15.0 |
| Endrin | Ave | 2772 | 2927 | | 106 | 100 | 5.6 | 15.0 |
| 4,4'-DDD | Ave | 2599 | 2652 | | 102 | 100 | 2.0 | 15.0 |
| Endosulfan II | Ave | 2822 | 2913 | | 103 | 100 | 3.2 | 15.0 |
| 4,4'-DDT | Ave | 2471 | 2715 | | 110 | 100 | 9.9 | 15.0 |
| Endrin aldehyde | Ave | 2310 | 2349 | | 102 | 100 | 1.7 | 15.0 |
| Endosulfan sulfate | Ave | 2551 | 2608 | | 102 | 100 | 2.2 | 15.0 |
| Methoxychlor | Ave | 1346 | 1412 | | 105 | 100 | 4.9 | 15.0 |
| Endrin ketone | Ave | 2802 | 2724 | | 97.2 | 100 | -2.8 | 15.0 |
| Tetrachloro-m-xylene | Ave | 2975 | 2979 | | 100 | 100 | 0.1 | 15.0 |
| DCB Decachlorobiphenyl | Ave | 2052 | 2163 | | 105 | 100 | 5.4 | 15.0 |

FORM VII
GC SEMI VOA CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-27128-1

SDG No.:

Lab Sample ID: CCV 460-76149/8 Calibration Date: 06/09/2011 08:28

Instrument ID: PESTGC1 Calib Start Date: 06/02/2011 14:19

GC Column: CLP-2 ID: 0.53(mm) Calib End Date: 06/02/2011 15:14

Lab File ID: xf121301.d

| Analyte | RT | RT WINDOW | |
|---|---|---|---|
| | | TO | FROM |
| alpha-BHC | 2.85 | 2.80 | 2.90 |
| gamma-BHC (Lindane) | 3.21 | 3.16 | 3.26 |
| beta-BHC | 3.30 | 3.25 | 3.35 |
| delta-BHC | 3.74 | 3.69 | 3.79 |
| Heptachlor | 3.89 | 3.84 | 3.94 |
| Aldrin | 4.74 | 4.69 | 4.79 |
| Heptachlor epoxide | 6.30 | 6.23 | 6.37 |
| gamma-Chlordane | 6.78 | 6.71 | 6.85 |
| alpha-Chlordane | 7.11 | 7.04 | 7.18 |
| Endosulfan I | 7.22 | 7.15 | 7.29 |
| 4,4'-DDE | 7.37 | 7.30 | 7.44 |
| Dieldrin | 7.61 | 7.54 | 7.68 |
| Endrin | 7.97 | 7.90 | 8.04 |
| 4,4'-DDD | 8.07 | 8.00 | 8.14 |
| Endosulfan II | 8.21 | 8.14 | 8.28 |
| 4,4'-DDT | 8.44 | 8.37 | 8.51 |
| Endrin aldehyde | 8.60 | 8.53 | 8.67 |
| Endosulfan sulfate | 8.93 | 8.86 | 9.00 |
| Methoxychlor | 9.22 | 9.15 | 9.29 |
| Endrin ketone | 9.49 | 9.42 | 9.56 |
| Tetrachloro-m-xylene | 2.35 | 2.30 | 2.40 |
| DCB Decachlorobiphenyl | 10.40 | 10.30 | 10.50 |

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC1.i/8081T/front/Jun11/06-09-11/09jun11a.b/xf121301.d
Lab Smp Id: PESTL3_00009
Inj Date : 09-JUN-2011 08:28
Operator : 462 Inst ID: PESTGC1.i
Smp Info : SGPESTL3_00009
Misc Info :
Comment :
Method : /chem1/PESTGC1.i/8081T/front/Jun11/06-09-11/09jun11a.b/09Xf8081.m
Meth Date : 09-Jun-2011 08:26 Ex. 4 CBI Quant Type: ESTD
Cal Date : 02-JUN-2011 15:42 Cal File: xf120980.d
Als bottle: 1 Continuing Calibration Sample
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: SCpestRANGE.sub
Target Version: 3.50 Sample Matrix: WATER
Processing Host: hpd3

Concentration Formula: Amt * DF * Vt/Vo * CpndVariable

| Name | Value | Description |
|---|---|---|
| DF | 1.00000 | Dilution Factor |
| Vt | 5.00000 | Volume of final extract (mL) |
| Vo | 1000.00000 | Volume of sample extracted (mL) |

Cpnd Variable Local Compound Variable

| RT | EXP RT | DLT RT | RESPONSE | AMOUNTS CAL-AMT ( ug/L) | AMOUNTS ON-COL ( ug/L) | TARGET RANGE | RATIO |
|---|---|---|---|---|---|---|---|
| $ 28 Tetrachloro-m-xylene(surr) | | | | | CAS #: 877-09-8 | | |
| 2.353 | 2.353 | 0.000 | 297888 | 100.000 | 100 | 80.00- 120.00 | 100.00(a) |
| 2 alpha-BHC | | | | | CAS #: 319-84-6 | | |
| 2.853 | 2.853 | 0.000 | 434252 | 100.000 | 100 | 80.00- 120.00 | 100.00(a) |
| 5 gamma-BHC (Lindane) | | | | | CAS #: 58-89-9 | | |
| 3.213 | 3.213 | 0.000 | 405142 | 100.000 | 100 | 80.00- 120.00 | 100.00(a) |
| 3 beta-BHC | | | | | CAS #: 319-85-7 | | |
| 3.303 | 3.303 | 0.000 | 190070 | 100.000 | 100 | 80.00- 120.00 | 100.00(a) |
| 4 delta-BHC | | | | | CAS #: 319-86-8 | | |
| 3.740 | 3.740 | 0.000 | 446460 | 100.000 | 110 | 80.00- 120.00 | 100.00(a) |

| RT | EXP RT | DLT RT | RESPONSE | AMOUNTS CAL-AMT ( ug/L) | AMOUNTS ON-COL ( ug/L) | TARGET RANGE | RATIO |
|---|---|---|---|---|---|---|---|
| 17 Heptachlor | | | | | CAS #: 76-44-8 | | |
| 3.893 | 3.893 | 0.000 | 458758 | 100.000 | 110 | 80.00- 120.00 | 100.00(a) |
| 1 Aldrin | | | | | CAS #: 309-00-2 | | |
| 4.740 | 4.740 | 0.000 | 455134 | 100.000 | 110 | 80.00- 120.00 | 100.00(a) |
| 18 Heptachlor epoxide | | | | | CAS #: 1024-57-3 | | |
| 6.300 | 6.300 | 0.000 | 425049 | 100.000 | 110 | 80.00- 120.00 | 100.00(a) |
| 65 gamma-Chlordane | | | | | CAS #: 5103-74-2 | | |
| 6.780 | 6.780 | 0.000 | 423476 | 100.000 | 100 | 80.00- 120.00 | 100.00(a) |
| 66 alpha-Chlordane | | | | | CAS #: 5103-71-9 | | |
| 7.110 | 7.110 | 0.000 | 380403 | 100.000 | 100 | 80.00- 120.00 | 100.00(a) |
| 11 Endosulfan I | | | | | CAS #: 959-98-8 | | |
| 7.223 | 7.223 | 0.000 | 353138 | 100.000 | 100 | 80.00- 120.00 | 100.00(a) |
| 8 4,4'-DDE | | | | | CAS #: 72-55-9 | | |
| 7.370 | 7.370 | 0.000 | 340401 | 100.000 | 110 | 80.00- 120.00 | 100.00(a) |
| 10 Dieldrin | | | | | CAS #: 60-57-1 | | |
| 7.613 | 7.613 | 0.000 | 346818 | 100.000 | 100 | 80.00- 120.00 | 100.00(a) |
| 14 Endrin | | | | | CAS #: 72-20-8 | | |
| 7.970 | 7.970 | 0.000 | 292734 | 100.000 | 100 | 80.00- 120.00 | 100.00(a) |
| 7 4,4'-DDD | | | | | CAS #: 72-54-8 | | |
| 8.070 | 8.070 | 0.000 | 265236 | 100.000 | 100 | 80.00- 120.00 | 100.00(a) |
| 12 Endosulfan II | | | | | CAS #: 33213-65-9 | | |
| 8.210 | 8.210 | 0.000 | 291276 | 100.000 | 100 | 80.00- 120.00 | 100.00(a) |
| 9 4,4'-DDT | | | | | CAS #: 50-29-3 | | |
| 8.437 | 8.437 | 0.000 | 271452 | 100.000 | 110 | 80.00- 120.00 | 100.00(a) |
| 15 Endrin aldehyde | | | | | CAS #: 7421-93-4 | | |
| 8.600 | 8.600 | 0.000 | 234920 | 100.000 | 100 | 80.00- 120.00 | 100.00(a) |
| 13 Endosulfan sulfate | | | | | CAS #: 1031-07-8 | | |
| 8.927 | 8.927 | 0.000 | 260839 | 100.000 | 100 | 80.00- 120.00 | 100.00(a) |
| 19 Methoxychlor | | | | | CAS #: 72-43-5 | | |
| 9.223 | 9.223 | 0.000 | 141176 | 100.000 | 100 | 80.00- 120.00 | 100.00(a) |
| 16 Endrin ketone | | | | | CAS #: 53494-70-5 | | |
| 9.490 | 9.490 | 0.000 | 272358 | 100.000 | 97 | 80.00- 120.00 | 100.00(a) |

| RT | EXP RT | DLT RT | RESPONSE | AMOUNTS CAL-AMT ( ug/L) | AMOUNTS ON-COL ( ug/L) | TARGET RANGE | RATIO |
|---|---|---|---|---|---|---|---|
| $ 30 Decachlorobiphenyl(surr) | | | | | CAS #: 2051-24-3 | | |
| 10.400 | 10.400 | 0.000 | 216342 | 100.000 | 100 | 80.00- 120.00 | 100.00(a) |

QC Flag Legend

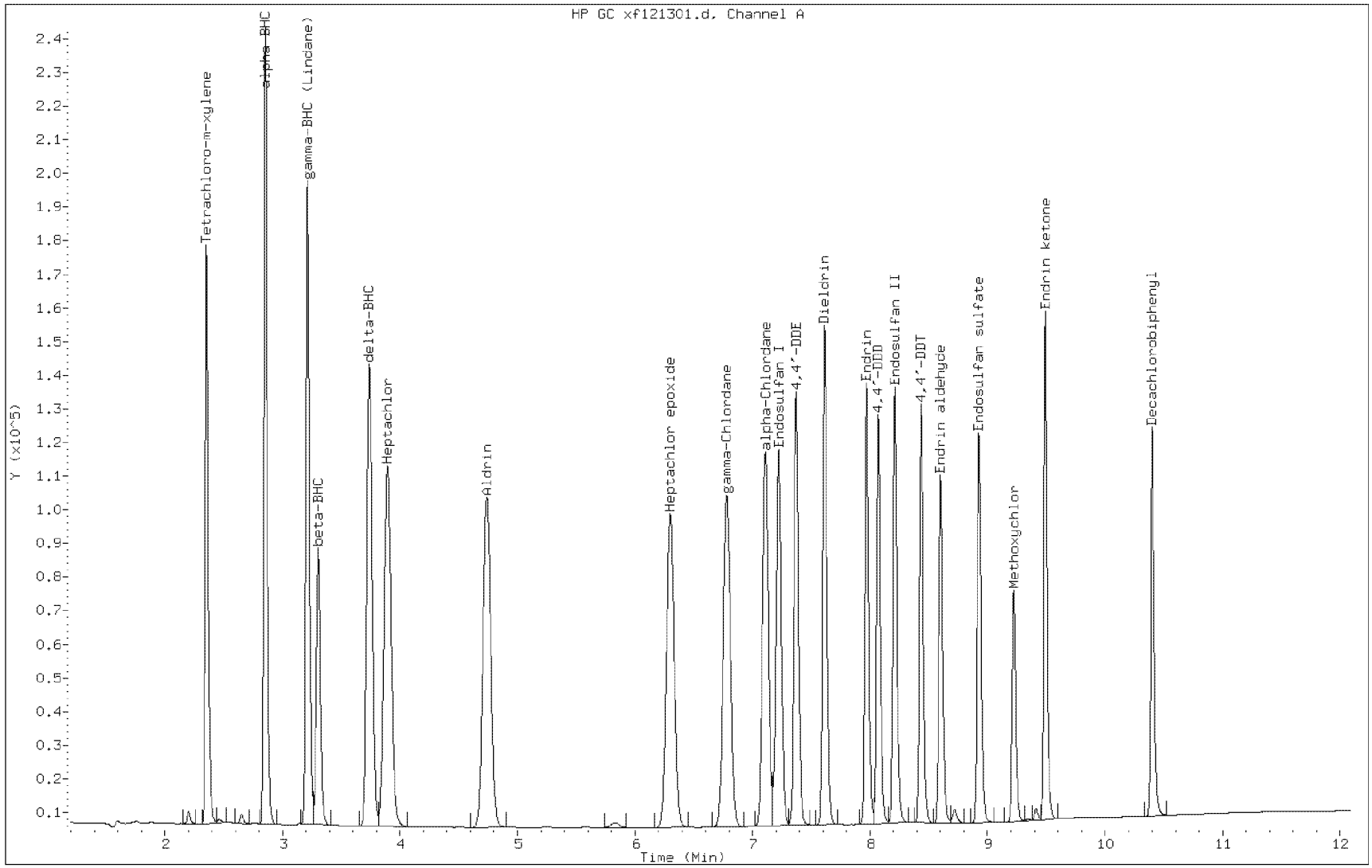
a - Target compound detected but, quantitated amount
Below Limit Of Quantitation(BLOQ).

Data File: xf121301.d

Date: 09-JUN-2011 08:28

Client ID: Instrument: PESTGC1.i

Sample Info: SGPESTL3_00009 Operator: 462



FORM VII
GC SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-27128-1

SDG No.:

Lab Sample ID: CCV 460-76149/8 Calibration Date: 06/09/2011 08:28

Instrument ID: PESTGC1 Calib Start Date: 06/02/2011 14:19

GC Column: CLP-1 ID: 0.53(mm) Calib End Date: 06/02/2011 15:14

Lab File ID: xr121301.d Conc. Units: ug/L

| ANALYTE | CURVE TYPE | AVE CF | CF | MIN CF | CALC AMOUNT | SPIKE AMOUNT | %D | MAX %D |
|---|---|---|---|---|---|---|---|---|
| alpha-BHC | Ave | 6376 | 6489 | | 102 | 100 | 1.8 | 15.0 |
| gamma-BHC (Lindane) | Ave | 5208 | 5289 | | 102 | 100 | 1.6 | 15.0 |
| beta-BHC | Ave | 3069 | 3234 | | 105 | 100 | 5.4 | 15.0 |
| delta-BHC | Ave | 5575 | 5883 | | 106 | 100 | 5.5 | 15.0 |
| Heptachlor | Ave | 5221 | 5709 | | 109 | 100 | 9.4 | 15.0 |
| Aldrin | Ave | 5026 | 5219 | | 104 | 100 | 3.8 | 15.0 |
| Heptachlor epoxide | Ave | 5286 | 5417 | | 102 | 100 | 2.5 | 15.0 |
| gamma-Chlordane | Ave | 5262 | 5368 | | 102 | 100 | 2.0 | 15.0 |
| alpha-Chlordane | Ave | 4928 | 5178 | | 105 | 100 | 5.1 | 15.0 |
| 4,4'-DDE | Ave | 4224 | 4121 | | 97.6 | 100 | -2.4 | 15.0 |
| Endosulfan I | Ave | 5063 | 5486 | | 108 | 100 | 8.4 | 15.0 |
| Dieldrin | Ave | 4915 | 5176 | | 105 | 100 | 5.3 | 15.0 |
| Endrin | Ave | 4189 | 4534 | | 108 | 100 | 8.2 | 15.0 |
| 4,4'-DDD | Ave | 3744 | 3847 | | 103 | 100 | 2.8 | 15.0 |
| Endosulfan II | Ave | 4412 | 4551 | | 103 | 100 | 3.1 | 15.0 |
| 4,4'-DDT | Ave | 3443 | 3936 | | 114 | 100 | 14.3 | 15.0 |
| Endrin aldehyde | Ave | 3122 | 3286 | | 105 | 100 | 5.3 | 15.0 |
| Methoxychlor | Ave | 1842 | 2102 | | 114 | 100 | 14.1 | 15.0 |
| Endosulfan sulfate | Ave | 3231 | 3451 | | 107 | 100 | 6.8 | 15.0 |
| Endrin ketone | Ave | 3923 | 4017 | | 102 | 100 | 2.4 | 15.0 |
| Tetrachloro-m-xylene | Ave | 4708 | 4594 | | 97.6 | 100 | -2.4 | 15.0 |
| DCB Decachlorobiphenyl | Ave | 2684 | 2988 | | 111 | 100 | 11.3 | 15.0 |

FORM VII
GC SEMI VOA CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-27128-1

SDG No.:

Lab Sample ID: CCV 460-76149/8 Calibration Date: 06/09/2011 08:28

Instrument ID: PESTGC1 Calib Start Date: 06/02/2011 14:19

GC Column: CLP-1 ID: 0.53(mm) Calib End Date: 06/02/2011 15:14

Lab File ID: xr121301.d

| Analyte | RT | RT WINDOW | |
|---|---|---|---|
| | | TO | FROM |
| alpha-BHC | 2.33 | 2.28 | 2.38 |
| gamma-BHC (Lindane) | 2.55 | 2.50 | 2.60 |
| beta-BHC | 2.61 | 2.56 | 2.66 |
| delta-BHC | 2.74 | 2.69 | 2.79 |
| Heptachlor | 2.91 | 2.86 | 2.96 |
| Aldrin | 3.17 | 3.12 | 3.22 |
| Heptachlor epoxide | 4.06 | 3.99 | 4.13 |
| gamma-Chlordane | 4.36 | 4.29 | 4.43 |
| alpha-Chlordane | 4.68 | 4.61 | 4.75 |
| 4,4'-DDE | 4.90 | 4.83 | 4.97 |
| Endosulfan I | 5.00 | 4.93 | 5.07 |
| Dieldrin | 5.62 | 5.55 | 5.69 |
| Endrin | 6.21 | 6.14 | 6.28 |
| 4,4'-DDD | 6.41 | 6.34 | 6.48 |
| Endosulfan II | 6.74 | 6.67 | 6.81 |
| 4,4'-DDT | 7.05 | 6.98 | 7.12 |
| Endrin aldehyde | 7.48 | 7.41 | 7.55 |
| Methoxychlor | 7.73 | 7.66 | 7.80 |
| Endosulfan sulfate | 7.97 | 7.90 | 8.04 |
| Endrin ketone | 8.28 | 8.21 | 8.35 |
| Tetrachloro-m-xylene | 1.95 | 1.90 | 2.00 |
| DCB Decachlorobiphenyl | 9.40 | 9.30 | 9.50 |

Data File: xr121301.d
Report Date: 09-Jun-2011 08:45

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC1.i/8081T/rear/Jun11/06-09-11/09jun11a.b/xr121301.d
Lab Smp Id: PESTL3_00009
Inj Date : 09-JUN-2011 08:28
Operator : 462 Inst ID: PESTGC1.i
Smp Info : SGPESTL3_00009
Misc Info :
Comment :
Method : /chem1/PESTGC1.i/8081T/rear/Jun11/06-09-11/09jun11a.b/09Xr8081.m
Meth Date : 09-Jun-2011 08:45 Ex. 4 CBI Quant Type: ESTD
Cal Date : 02-JUN-2011 15:42 Cal File: xr120980.d
Als bottle: 1 Continuing Calibration Sample
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: SCpestRANGE.sub
Target Version: 3.50 Sample Matrix: WATER
Processing Host: hpd3

Concentration Formula: Amt * DF * Vt/Vo * CpndVariable

| Name | Value | Description |
|---|---|---|
| DF | 1.00000 | Dilution Factor |
| Vt | 5.00000 | Volume of final extract (mL) |
| Vo | 1000.00000 | Volume of sample extracted (mL) |

Cpnd Variable Local Compound Variable

| RT | EXP RT | DLT RT | RESPONSE | AMOUNTS CAL-AMT ( ug/L) | AMOUNTS ON-COL ( ug/L) | TARGET RANGE | RATIO |
|---|---|---|---|---|---|---|---|
| $ 28 Tetrachloro-m-xylene(surr) | | | | | CAS #: 877-09-8 | | |
| 1.950 | 1.950 | 0.000 | 459426 | 100.000 | 98 | 80.00- 120.00 | 100.00 |
| 2 alpha-BHC | | | | | CAS #: 319-84-6 | | |
| 2.330 | 2.330 | 0.000 | 648898 | 100.000 | 100 | 80.00- 120.00 | 100.00 |
| 5 gamma-BHC (Lindane) | | | | | CAS #: 58-89-9 | | |
| 2.550 | 2.550 | 0.000 | 528946 | 100.000 | 100 | 80.00- 120.00 | 100.00 |
| 3 beta-BHC | | | | | CAS #: 319-85-7 | | |
| 2.610 | 2.610 | 0.000 | 323406 | 100.000 | 100 | 80.00- 120.00 | 100.00 |
| 4 delta-BHC | | | | | CAS #: 319-86-8 | | |
| 2.737 | 2.737 | 0.000 | 588303 | 100.000 | 100 | 80.00- 120.00 | 100.00 |

Data File: xr121301.d
Report Date: 09-Jun-2011 08:45

| RT | EXP RT | DLT RT | RESPONSE | AMOUNTS CAL-AMT ( ug/L) | AMOUNTS ON-COL ( ug/L) | TARGET RANGE | RATIO |
|---|---|---|---|---|---|---|---|
| 17 Heptachlor | | | | | CAS #: 76-44-8 | | |
| 2.907 | 2.907 | 0.000 | 570919 | 100.000 | 110 | 80.00- 120.00 | 100.00 |
| 1 Aldrin | | | | | CAS #: 309-00-2 | | |
| 3.173 | 3.173 | 0.000 | 521862 | 100.000 | 100 | 80.00- 120.00 | 100.00 |
| 18 Heptachlor epoxide | | | | | CAS #: 1024-57-3 | | |
| 4.060 | 4.060 | 0.000 | 541745 | 100.000 | 100 | 80.00- 120.00 | 100.00 |
| 65 gamma-Chlordane | | | | | CAS #: 5103-74-2 | | |
| 4.360 | 4.360 | 0.000 | 536839 | 100.000 | 100 | 80.00- 120.00 | 100.00 |
| 66 alpha-Chlordane | | | | | CAS #: 5103-71-9 | | |
| 4.680 | 4.680 | 0.000 | 517804 | 100.000 | 100 | 80.00- 120.00 | 100.00 |
| 8 4,4'-DDE | | | | | CAS #: 72-55-9 | | |
| 4.900 | 4.900 | 0.000 | 412149 | 100.000 | 98 | 80.00- 120.00 | 100.00 |
| 11 Endosulfan I | | | | | CAS #: 959-98-8 | | |
| 5.003 | 5.003 | 0.000 | 548643 | 100.000 | 110 | 80.00- 120.00 | 100.00 |
| 10 Dieldrin | | | | | CAS #: 60-57-1 | | |
| 5.620 | 5.620 | 0.000 | 517622 | 100.000 | 100 | 80.00- 120.00 | 100.00 |
| 14 Endrin | | | | | CAS #: 72-20-8 | | |
| 6.213 | 6.213 | 0.000 | 453352 | 100.000 | 110 | 80.00- 120.00 | 100.00 |
| 7 4,4'-DDD | | | | | CAS #: 72-54-8 | | |
| 6.413 | 6.413 | 0.000 | 384680 | 100.000 | 100 | 80.00- 120.00 | 100.00 |
| 12 Endosulfan II | | | | | CAS #: 33213-65-9 | | |
| 6.743 | 6.743 | 0.000 | 455092 | 100.000 | 100 | 80.00- 120.00 | 100.00 |
| 9 4,4'-DDT | | | | | CAS #: 50-29-3 | | |
| 7.053 | 7.053 | 0.000 | 393629 | 100.000 | 110 | 80.00- 120.00 | 100.00 |
| 15 Endrin aldehyde | | | | | CAS #: 7421-93-4 | | |
| 7.483 | 7.483 | 0.000 | 328614 | 100.000 | 100 | 80.00- 120.00 | 100.00 |
| 19 Methoxychlor | | | | | CAS #: 72-43-5 | | |
| 7.733 | 7.733 | 0.000 | 210244 | 100.000 | 110 | 80.00- 120.00 | 100.00 |
| 13 Endosulfan sulfate | | | | | CAS #: 1031-07-8 | | |
| 7.973 | 7.973 | 0.000 | 345130 | 100.000 | 110 | 80.00- 120.00 | 100.00 |
| 16 Endrin ketone | | | | | CAS #: 53494-70-5 | | |
| 8.283 | 8.283 | 0.000 | 401696 | 100.000 | 100 | 80.00- 120.00 | 100.00 |

Data File: xr121301.d
Report Date: 09-Jun-2011 08:45

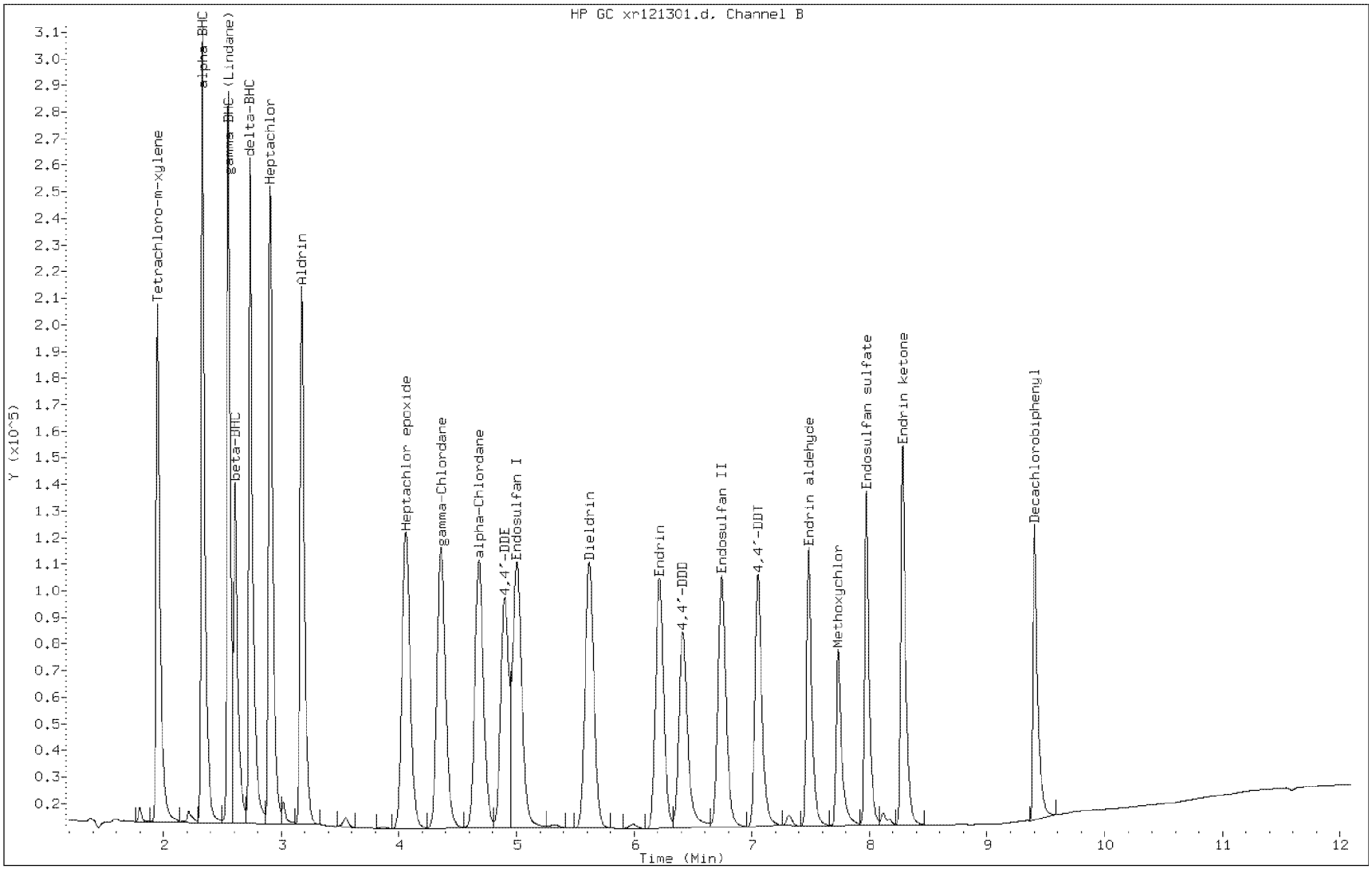
| RT | EXP RT | DLT RT | RESPONSE | AMOUNTS CAL-AMT ( ug/L) | AMOUNTS ON-COL ( ug/L) | TARGET RANGE | RATIO |
|---|---|---|---|---|---|---|---|
| $ 30 Decachlorobiphenyl(surr) | | | | | CAS #: 2051-24-3 | | |
| 9.403 | 9.403 | 0.000 | 298812 | 100.000 | 110 | 80.00- 120.00 | 100.00 |

Data File: xr121301.d

Date: 09-JUN-2011 08:28

Client ID: Instrument: PESTGC1.i

Sample Info: SGPESTL3_00009 Operator: 462



FORM I

GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-27128-1

SDG No.:

Client Sample ID: | Lab Sample ID: MB 460-75847/1-A

Matrix: Solid | Lab File ID: xf121267.d

Analysis Method: 8081A | Date Collected:

Extraction Method: 3541 | Date Extracted: 06/07/2011 06:19

Sample wt/vol: 15.00(g) | Date Analyzed: 06/08/2011 15:35

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: CLP-2 ID: 0.53(mm)

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 76138 | Units: ug/Kg

| CAS NO. | SURROGATE | %REC | Q | LIMITS |
|---|---|---|---|---|
| 877-09-8 | Tetrachloro-m-xylene | 127 | | 40-150 |

Data File: xf121267.d
Report Date: 09-Jun-2011 07:20

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC1.i/8081T/front/Jun11/06-08-11/08jun11b.b/xf121267.d
Lab Smp Id: MB 460-75847/1-A
Inj Date : 08-JUN-2011 15:35
Operator : 462 Inst ID: PESTGC1.i
Smp Info : MB 460-75847/1-A
Misc Info :
Comment :
Method : /chem1/PESTGC1.i/8081T/front/Jun11/06-08-11/08jun11b.b/09Xf8081.m
Meth Date : 09-Jun-2011 07:06 Ex. 4 CBI Quant Type: ESTD
Cal Date : 02-JUN-2011 15:42 Cal File: xf120980.d
Als bottle: 1
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: Allpest.sub
Target Version: 3.50 Sample Matrix: SOIL
Processing Host: hpd3

Concentration Formula: Amt * DF * Vt/(Ws*(100-M)/100) * CpndVariable

| Name | Value | Description |
|---|---|---|
| DF | 1.00000 | Dilution Factor |
| Vt | 10.00000 | Volume of final extract (uL)(1000 low, 2 |
| Ws | 15.00000 | Weight of sample extracted (g) |
| M | 0.00000 | % Moisture |

Cpnd Variable Local Compound Variable

| RT | EXP RT | DLT RT | RESPONSE | CONCENTRATIONS ON-COL ( ug/L) | FINAL (ug/kg) | TARGET RANGE | RATIO |
|---|---|---|---|---|---|---|---|
| $ 28 Tetrachloro-m-xylene | | | | | CAS #: 877-09-8 | | |
| 2.357 | 2.357 | 0.000 | 189297 | 63.6309 | | 80.00- 120.00 | 100.00(aR) |
| $ 30 Decachlorobiphenyl | | | | | CAS #: 2051-24-3 | | |
| 10.400 | 10.400 | 0.000 | 141554 | 68.9855 | | 80.00- 120.00 | 100.00(aR) |

QC Flag Legend

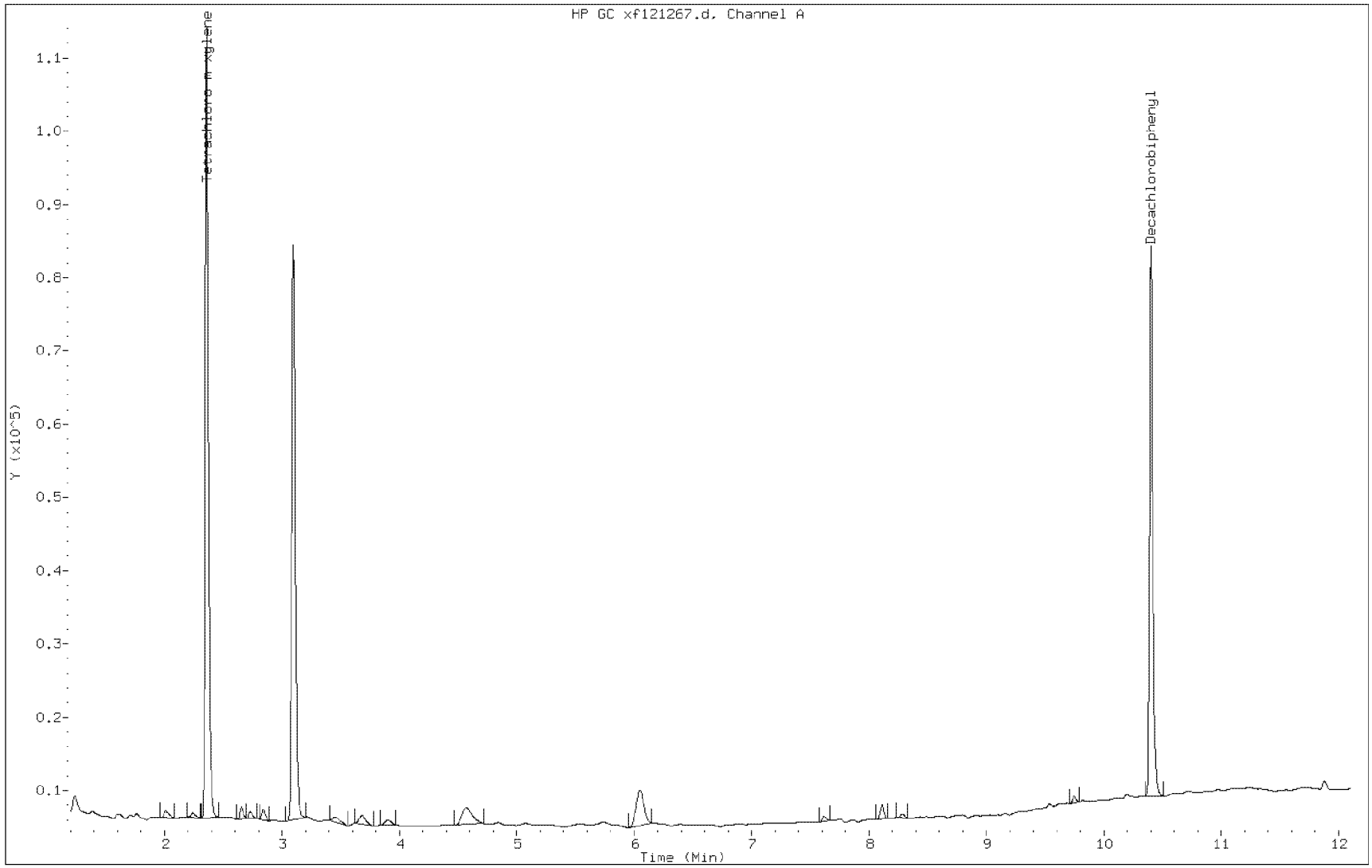
a - Target compound detected but, quantitated amount
Below Limit Of Quantitation(BLOQ).
R - Spike/Surrogate failed recovery limits.

Data File: xf121267.d

Date: 08-JUN-2011 15:35

Client ID: Instrument: PESTGC1.i

Sample Info: MB 460-75847/1-A Operator: 462



FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-27128-1

SDG No.:

Client Sample ID: | Lab Sample ID: MB 460-75847/1-A

Matrix: Solid | Lab File ID: xr121267.d

Analysis Method: 8081A | Date Collected:

Extraction Method: 3541 | Date Extracted: 06/07/2011 06:19

Sample wt/vol: 15.00(g) | Date Analyzed: 06/08/2011 15:35

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: CLP-1 ID: 0.53(mm)

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 76138 | Units: ug/Kg

| CAS NO. | COMPOUND NAME | RESULT | Q | RL | MDL |
|---|---|---|---|---|---|
| 319-84-6 | alpha-BHC | 6.7 | U | 6.7 | 1.2 |
| 319-85-7 | beta-BHC | 6.7 | U | 6.7 | 0.91 |
| 319-86-8 | delta-BHC | 6.7 | U | 6.7 | 1.0 |
| 58-89-9 | gamma-BHC (Lindane) | 6.7 | U | 6.7 | 0.78 |
| 76-44-8 | Heptachlor | 6.7 | U | 6.7 | 0.96 |
| 309-00-2 | Aldrin | 6.7 | U | 6.7 | 1.5 |
| 1024-57-3 | Heptachlor epoxide | 6.7 | U | 6.7 | 1.4 |
| 959-98-8 | Endosulfan I | 6.7 | U | 6.7 | 1.4 |
| 60-57-1 | Dieldrin | 6.7 | U | 6.7 | 1.3 |
| 72-55-9 | 4,4'-DDE | 6.7 | U | 6.7 | 1.3 |
| 72-20-8 | Endrin | 6.7 | U | 6.7 | 0.94 |
| 33213-65-9 | Endosulfan II | 6.7 | U | 6.7 | 1.0 |
| 72-54-8 | 4,4'-DDD | 6.7 | U | 6.7 | 0.80 |
| 1031-07-8 | Endosulfan sulfate | 6.7 | U | 6.7 | 0.86 |
| 50-29-3 | 4,4'-DDT | 6.7 | U | 6.7 | 0.84 |
| 72-43-5 | Methoxychlor | 6.7 | U | 6.7 | 0.75 |
| 53494-70-5 | Endrin ketone | 6.7 | U | 6.7 | 0.99 |
| 7421-93-4 | Endrin aldehyde | 6.7 | U | 6.7 | 1.7 |
| 5103-71-9 | alpha-Chlordane | 6.7 | U | 6.7 | 1.4 |
| 5103-74-2 | gamma-Chlordane | 6.7 | U | 6.7 | 1.4 |
| 8001-35-2 | Toxaphene | 67 | U | 67 | 14 |

| CAS NO. | SURROGATE | %REC | Q | LIMITS |
|---|---|---|---|---|
| 2051-24-3 | DCB Decachlorobiphenyl | 144 | | 53-150 |

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC1.i/8081T/rear/Jun11/06-08-11/08jun11b.b/xr121267.d
Lab Smp Id: MB 460-75847/1-A
Inj Date : 08-JUN-2011 15:35
Operator : 462 Inst ID: PESTGC1.i
Smp Info : MB 460-75847/1-A
Misc Info :
Comment :
Method : /chem1/PESTGC1.i/8081T/rear/Jun11/06-08-11/08jun11b.b/09Xr8081.m
Meth Date : 09-Jun-2011 07:02 Ex. 4 CBI Quant Type: ESTD
Cal Date : 02-JUN-2011 15:42 Cal File: xr120980.d
Als bottle: 1
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: Allpest.sub
Target Version: 3.50 Sample Matrix: SOIL
Processing Host: hpd3

Concentration Formula: Amt * DF * Vt/(Ws*(100-M)/100) * CpndVariable

| Name | Value | Description |
|---|---|---|
| DF | 1.00000 | Dilution Factor |
| Vt | 10.00000 | Volume of final extract (uL)(1000 low, 2 |
| Ws | 15.00000 | Weight of sample extracted (g) |
| M | 0.00000 | % Moisture |

Cpnd Variable Local Compound Variable

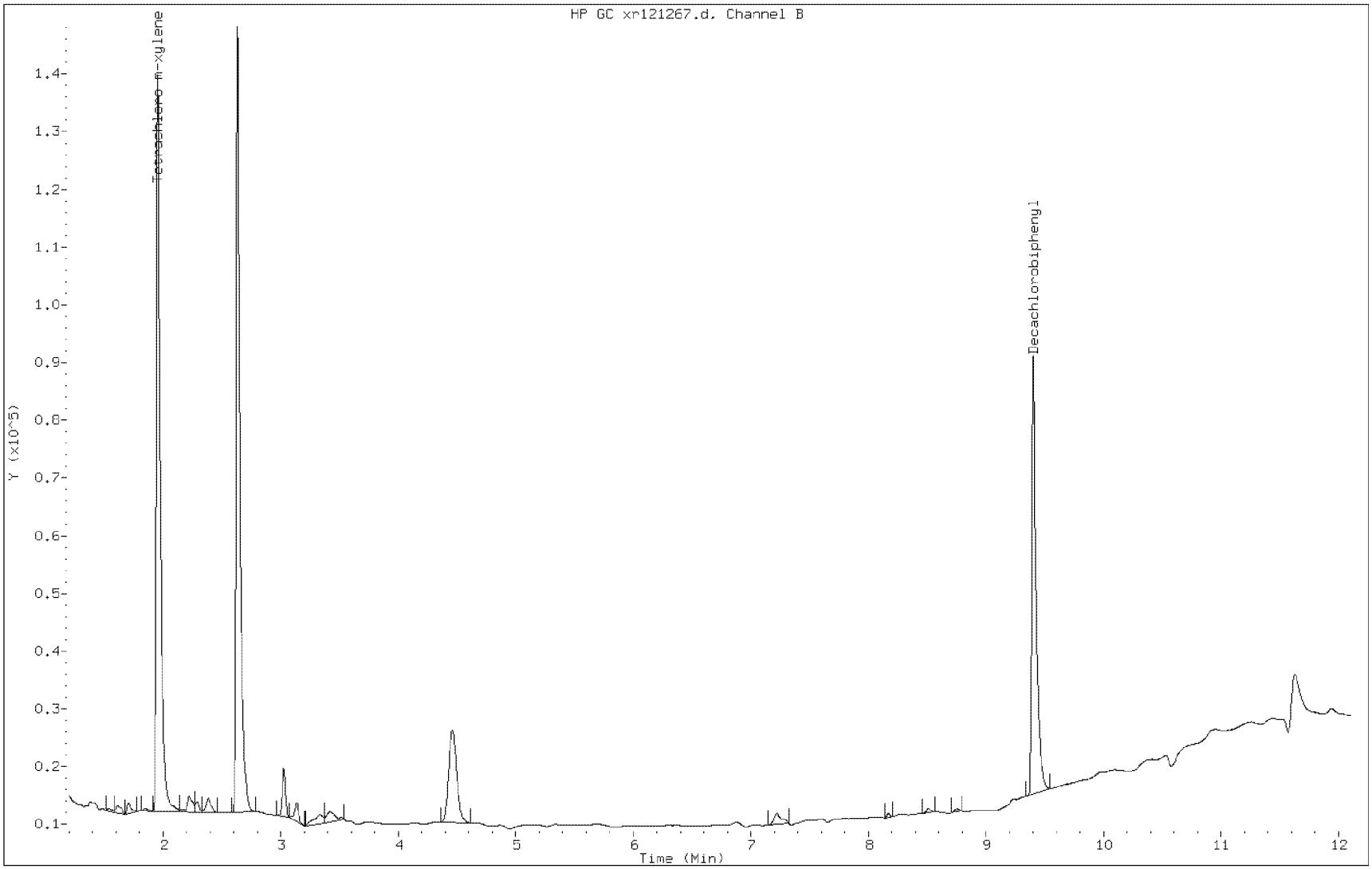
| RT | EXP RT | DLT RT | RESPONSE | CONCENTRATIONS ON-COL ( ug/L) | FINAL (ug/kg) | TARGET RANGE | RATIO |
|---|---|---|---|---|---|---|---|
| $ 28 Tetrachloro-m-xylene | | | | | CAS #: 877-09-8 | | |
| 1.953 | 1.950 | 0.003 | 291022 | 61.8205 | 41 | 80.00- 120.00 | 100.00 |
| $ 30 Decachlorobiphenyl | | | | | CAS #: 2051-24-3 | | |
| 9.403 | 9.403 | 0.000 | 193638 | 72.1373 | 48 | 80.00- 120.00 | 100.00 |

Data File: xr121267.d

Date: 08-JUN-2011 15:35

Client ID: Instrument: PESTGC1.i

Sample Info: MB 460-75847/1-A Operator: 462



FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-27128-1

SDG No.:

Client Sample ID: | Lab Sample ID: PIBLK 460-76035/2

Matrix: Solid | Lab File ID: xf121227.d

Analysis Method: 8081A | Date Collected:

Extraction Method: | Date Extracted:

Sample wt/vol: | Date Analyzed: 06/08/2011 06:06

Con. Extract Vol.: | Dilution Factor: 1

Injection Volume: | GC Column: CLP-2 ID: 0.53(mm)

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 76035 | Units: ug/L

| CAS NO. | COMPOUND NAME | RESULT | Q | RL | MDL |
|---|---|---|---|---|---|
| 319-84-6 | alpha-BHC | 0.050 | U | 0.050 | 0.010 |
| 319-85-7 | beta-BHC | 0.050 | U | 0.050 | 0.011 |
| 319-86-8 | delta-BHC | 0.050 | U | 0.050 | 0.0090 |
| 58-89-9 | gamma-BHC (Lindane) | 0.050 | U | 0.050 | 0.012 |
| 76-44-8 | Heptachlor | 0.050 | U | 0.050 | 0.010 |
| 309-00-2 | Aldrin | 0.050 | U | 0.050 | 0.010 |
| 1024-57-3 | Heptachlor epoxide | 0.050 | U | 0.050 | 0.010 |
| 959-98-8 | Endosulfan I | 0.050 | U | 0.050 | 0.0090 |
| 60-57-1 | Dieldrin | 0.050 | U | 0.050 | 0.0050 |
| 72-55-9 | 4,4'-DDE | 0.050 | U | 0.050 | 0.0090 |
| 72-20-8 | Endrin | 0.050 | U | 0.050 | 0.010 |
| 33213-65-9 | Endosulfan II | 0.050 | U | 0.050 | 0.010 |
| 72-54-8 | 4,4'-DDD | 0.050 | U | 0.050 | 0.011 |
| 1031-07-8 | Endosulfan sulfate | 0.050 | U | 0.050 | 0.016 |
| 50-29-3 | 4,4'-DDT | 0.050 | U | 0.050 | 0.010 |
| 72-43-5 | Methoxychlor | 0.050 | U | 0.050 | 0.013 |
| 53494-70-5 | Endrin ketone | 0.050 | U | 0.050 | 0.011 |
| 7421-93-4 | Endrin aldehyde | 0.050 | U | 0.050 | 0.0090 |
| 5103-71-9 | alpha-Chlordane | 0.050 | U | 0.050 | 0.0080 |
| 5103-74-2 | gamma-Chlordane | 0.050 | U | 0.050 | 0.0090 |
| 8001-35-2 | Toxaphene | 0.50 | U | 0.50 | 0.20 |

| CAS NO. | SURROGATE | %REC | Q | LIMITS |
|---|---|---|---|---|
| 2051-24-3 | DCB Decachlorobiphenyl | 124 | | 53-150 |
| 877-09-8 | Tetrachloro-m-xylene | 116 | | 40-150 |

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC1.i/8081T/front/Jun11/06-08-11/08jun11a.b/xf121227.d
Lab Smp Id: SGPIBLK_00007
Inj Date : 08-JUN-2011 06:06
Operator : 462 Inst ID: PESTGC1.i
Smp Info : SGPIBLK_00007
Misc Info :
Comment :
Method : /chem1/PESTGC1.i/8081T/front/Jun11/06-08-11/08jun11a.b/09Xf8081.m
Meth Date : 08-Jun-2011 11:36 Ex. 4 CBI Quant Type: ESTD
Cal Date : 02-JUN-2011 15:42 Cal File: xf120980.d
Als bottle: 1
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: Allpest.sub
Target Version: 3.50 Sample Matrix: WATER
Processing Host: hpd3

Concentration Formula: Amt * DF * Vt/Vo * CpndVariable

| Name | Value | Description |
|---|---|---|
| DF | 1.00000 | Dilution Factor |
| Vt | 5.00000 | Volume of final extract (mL) |
| Vo | 100.00000 | Volume of sample extracted (mL) |

Cpnd Variable Local Compound Variable

| RT | EXP RT | DLT RT | RESPONSE | CONCENTRATIONS ON-COL ( ug/L) | FINAL ( ug/l) | TARGET RANGE | RATIO |
|---|---|---|---|---|---|---|---|
| $ 28 Tetrachloro-m-xylene | | | | | CAS #: 877-09-8 | | |
| 2.353 | 2.350 | 0.003 | 69073 | 23.2184 | | 80.00- 120.00 | 100.00(aR) |
| $ 30 Decachlorobiphenyl | | | | | CAS #: 2051-24-3 | | |
| 10.403 | 10.400 | 0.003 | 50944 | 24.8271 | | 80.00- 120.00 | 100.00(aR) |

QC Flag Legend

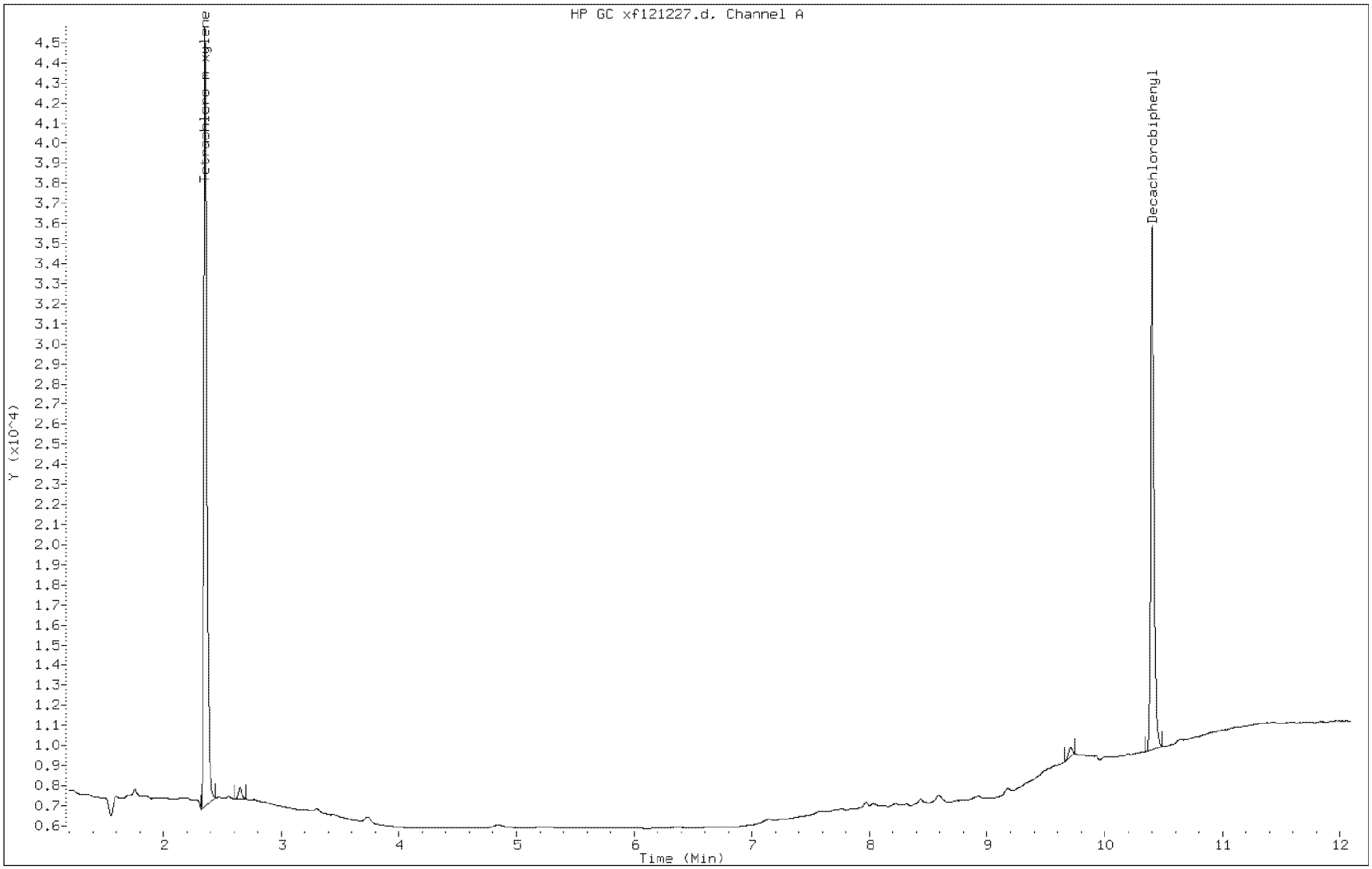
a - Target compound detected but, quantitated amount
Below Limit Of Quantitation(BLOQ).
R - Spike/Surrogate failed recovery limits.

Data File: xf121227.d

Date: 08-JUN-2011 06:06

Client ID: Instrument: PESTGC1.i

Sample Info: SGPIBLK_00007 Operator: 462



FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-27128-1
SDG No.:
Client Sample ID: | Lab Sample ID: PIBLK 460-76035/2
Matrix: Solid | Lab File ID: xr121227.d
Analysis Method: 8081A | Date Collected:
Extraction Method: | Date Extracted:
Sample wt/vol: | Date Analyzed: 06/08/2011 06:06
Con. Extract Vol.: | Dilution Factor: 1
Injection Volume: | GC Column: CLP-1 ID: 0.53(mm)
% Moisture: | GPC Cleanup:(Y/N) N
Analysis Batch No.: 76035 | Units: ug/L

| CAS NO. | COMPOUND NAME | RESULT | Q | RL | MDL |
|---|---|---|---|---|---|
| 319-84-6 | alpha-BHC | 0.050 | U | 0.050 | 0.010 |
| 319-85-7 | beta-BHC | 0.050 | U | 0.050 | 0.011 |
| 319-86-8 | delta-BHC | 0.050 | U | 0.050 | 0.0090 |
| 58-89-9 | gamma-BHC (Lindane) | 0.050 | U | 0.050 | 0.012 |
| 76-44-8 | Heptachlor | 0.050 | U | 0.050 | 0.010 |
| 309-00-2 | Aldrin | 0.050 | U | 0.050 | 0.010 |
| 1024-57-3 | Heptachlor epoxide | 0.050 | U | 0.050 | 0.010 |
| 959-98-8 | Endosulfan I | 0.050 | U | 0.050 | 0.0090 |
| 60-57-1 | Dieldrin | 0.050 | U | 0.050 | 0.0050 |
| 72-55-9 | 4,4'-DDE | 0.050 | U | 0.050 | 0.0090 |
| 72-20-8 | Endrin | 0.050 | U | 0.050 | 0.010 |
| 33213-65-9 | Endosulfan II | 0.050 | U | 0.050 | 0.010 |
| 72-54-8 | 4,4'-DDD | 0.050 | U | 0.050 | 0.011 |
| 1031-07-8 | Endosulfan sulfate | 0.050 | U | 0.050 | 0.016 |
| 50-29-3 | 4,4'-DDT | 0.050 | U | 0.050 | 0.010 |
| 72-43-5 | Methoxychlor | 0.050 | U | 0.050 | 0.013 |
| 53494-70-5 | Endrin ketone | 0.050 | U | 0.050 | 0.011 |
| 7421-93-4 | Endrin aldehyde | 0.050 | U | 0.050 | 0.0090 |
| 5103-71-9 | alpha-Chlordane | 0.050 | U | 0.050 | 0.0080 |
| 5103-74-2 | gamma-Chlordane | 0.050 | U | 0.050 | 0.0090 |
| 8001-35-2 | Toxaphene | 0.50 | U | 0.50 | 0.20 |

| CAS NO. | SURROGATE | %REC | Q | LIMITS |
|---|---|---|---|---|
| 2051-24-3 | DCB Decachlorobiphenyl | 132 | | 53-150 |
| 877-09-8 | Tetrachloro-m-xylene | 111 | | 40-150 |

Data File: xr121227.d
Report Date: 08-Jun-2011 11:36

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC1.i/8081T/rear/Jun11/06-08-11/08jun11a.b/xr121227.d
Lab Smp Id: SGPIBLK_00007
Inj Date : 08-JUN-2011 06:06
Operator : 462 Inst ID: PESTGC1.i
Smp Info : SGPIBLK_00007
Misc Info :
Comment :
Method : /chem1/PESTGC1.i/8081T/rear/Jun11/06-08-11/08jun11a.b/09Xr8081.m
Meth Date : 08-Jun-2011 11:36 Ex. 4 CBI Quant Type: ESTD
Cal Date : 02-JUN-2011 15:42 Cal File: xr120980.d
Als bottle: 1
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: Allpest.sub
Target Version: 3.50 Sample Matrix: WATER
Processing Host: hpd3

Concentration Formula: Amt * DF * Vt/Vo * CpndVariable

| Name | Value | Description |
|---|---|---|
| DF | 1.00000 | Dilution Factor |
| Vt | 5.00000 | Volume of final extract (mL) |
| Vo | 100.00000 | Volume of sample extracted (mL) |

Cpnd Variable Local Compound Variable

| RT | EXP RT | DLT RT | RESPONSE | CONCENTRATIONS ON-COL ( ug/L) | FINAL ( ug/l) | TARGET RANGE | RATIO |
|---|---|---|---|---|---|---|---|
| $ 28 Tetrachloro-m-xylene | | | | | CAS #: 877-09-8 | | |
| 1.947 | 1.943 | 0.004 | 104456 | 22.1892 | 1.1 | 80.00- 120.00 | 100.00(aR) |
| $ 30 Decachlorobiphenyl | | | | | CAS #: 2051-24-3 | | |
| 9.403 | 9.403 | 0.000 | 70819 | 26.3827 | 1.3 | 80.00- 120.00 | 100.00(R) |

QC Flag Legend

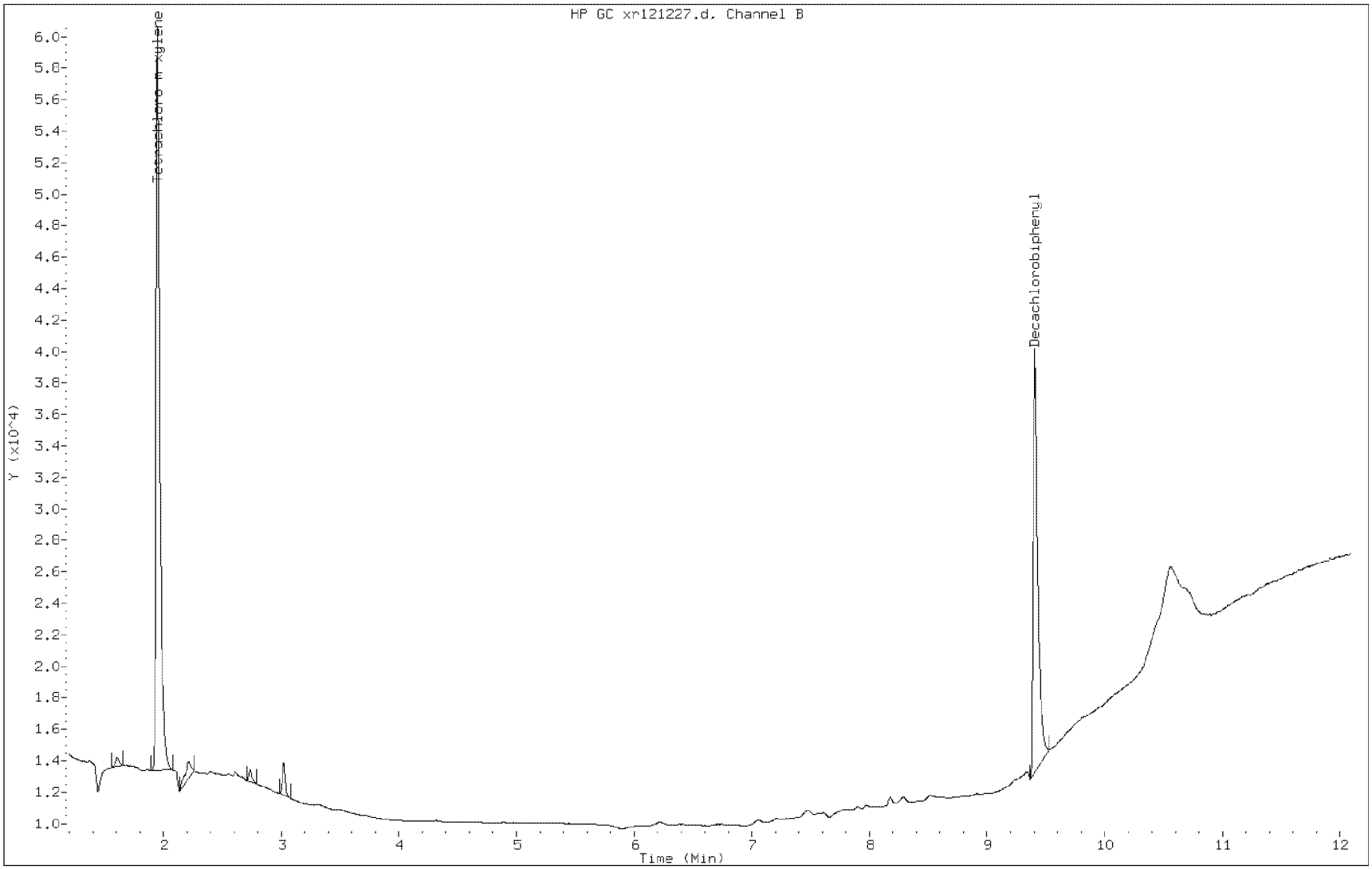
a - Target compound detected but, quantitated amount
Below Limit Of Quantitation(BLOQ).
R - Spike/Surrogate failed recovery limits.

Data File: xr121227.d

Date: 08-JUN-2011 06:06

Client ID: Instrument: PESTGC1.i

Sample Info: SGPIBLK_00007 Operator: 462



FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-27128-1

SDG No.:

Client Sample ID: | Lab Sample ID: PIBLK 460-76035/24

Matrix: Solid | Lab File ID: xf121249.d

Analysis Method: 8081A | Date Collected:

Extraction Method: | Date Extracted:

Sample wt/vol: | Date Analyzed: 06/08/2011 11:26

Con. Extract Vol.: | Dilution Factor: 1

Injection Volume: | GC Column: CLP-2 ID: 0.53(mm)

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 76035 | Units: ug/L

| CAS NO. | COMPOUND NAME | RESULT | Q | RL | MDL |
|---|---|---|---|---|---|
| 319-84-6 | alpha-BHC | 0.050 | U | 0.050 | 0.010 |
| 319-85-7 | beta-BHC | 0.050 | U | 0.050 | 0.011 |
| 319-86-8 | delta-BHC | 0.050 | U | 0.050 | 0.0090 |
| 58-89-9 | gamma-BHC (Lindane) | 0.050 | U | 0.050 | 0.012 |
| 76-44-8 | Heptachlor | 0.050 | U | 0.050 | 0.010 |
| 309-00-2 | Aldrin | 0.050 | U | 0.050 | 0.010 |
| 1024-57-3 | Heptachlor epoxide | 0.050 | U | 0.050 | 0.010 |
| 959-98-8 | Endosulfan I | 0.050 | U | 0.050 | 0.0090 |
| 60-57-1 | Dieldrin | 0.050 | U | 0.050 | 0.0050 |
| 72-55-9 | 4,4'-DDE | 0.050 | U | 0.050 | 0.0090 |
| 72-20-8 | Endrin | 0.050 | U | 0.050 | 0.010 |
| 33213-65-9 | Endosulfan II | 0.050 | U | 0.050 | 0.010 |
| 72-54-8 | 4,4'-DDD | 0.050 | U | 0.050 | 0.011 |
| 1031-07-8 | Endosulfan sulfate | 0.050 | U | 0.050 | 0.016 |
| 50-29-3 | 4,4'-DDT | 0.050 | U | 0.050 | 0.010 |
| 72-43-5 | Methoxychlor | 0.050 | U | 0.050 | 0.013 |
| 53494-70-5 | Endrin ketone | 0.050 | U | 0.050 | 0.011 |
| 7421-93-4 | Endrin aldehyde | 0.050 | U | 0.050 | 0.0090 |
| 5103-71-9 | alpha-Chlordane | 0.050 | U | 0.050 | 0.0080 |
| 5103-74-2 | gamma-Chlordane | 0.050 | U | 0.050 | 0.0090 |
| 8001-35-2 | Toxaphene | 0.50 | U | 0.50 | 0.20 |

| CAS NO. | SURROGATE | %REC | Q | LIMITS |
|---|---|---|---|---|
| 2051-24-3 | DCB Decachlorobiphenyl | 134 | | 53-150 |
| 877-09-8 | Tetrachloro-m-xylene | 122 | | 40-150 |

Data File: xf121249.d
Report Date: 08-Jun-2011 11:36

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC1.i/8081T/front/Jun11/06-08-11/08jun11a.b/xf121249.d
Lab Smp Id: PIBLK_00007
Inj Date : 08-JUN-2011 11:26
Operator : 462 Inst ID: PESTGC1.i
Smp Info : SGPIBLK_00007
Misc Info :
Comment :
Method : /chem1/PESTGC1.i/8081T/front/Jun11/06-08-11/08jun11a.b/09Xf8081.m
Meth Date : 08-Jun-2011 11:35 Ex. 4 CBI Quant Type: ESTD
Cal Date : 02-JUN-2011 15:42 Cal File: xf120980.d
Als bottle: 1
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: Allpest.sub
Target Version: 3.50 Sample Matrix: WATER
Processing Host: hpd3

Concentration Formula: Amt * DF * Vt/Vo * CpndVariable

| Name | Value | Description |
|---|---|---|
| DF | 1.00000 | Dilution Factor |
| Vt | 5.00000 | Volume of final extract (mL) |
| Vo | 100.00000 | Volume of sample extracted (mL) |

Cpnd Variable Local Compound Variable

| RT | EXP RT | DLT RT | RESPONSE | CONCENTRATIONS ON-COL ( ug/L) | CONCENTRATIONS FINAL ( ug/l) | TARGET RANGE | RATIO |
|---|---|---|---|---|---|---|---|
| $ 28 Tetrachloro-m-xylene | | | | | CAS #: 877-09-8 | | |
| 2.353 | 2.350 | 0.003 | 72757 | 24.4567 | | 80.00- 120.00 | 100.00(aR) |
| $ 30 Decachlorobiphenyl | | | | | CAS #: 2051-24-3 | | |
| 10.400 | 10.400 | 0.000 | 55033 | 26.8198 | | 80.00- 120.00 | 100.00(aR) |

QC Flag Legend

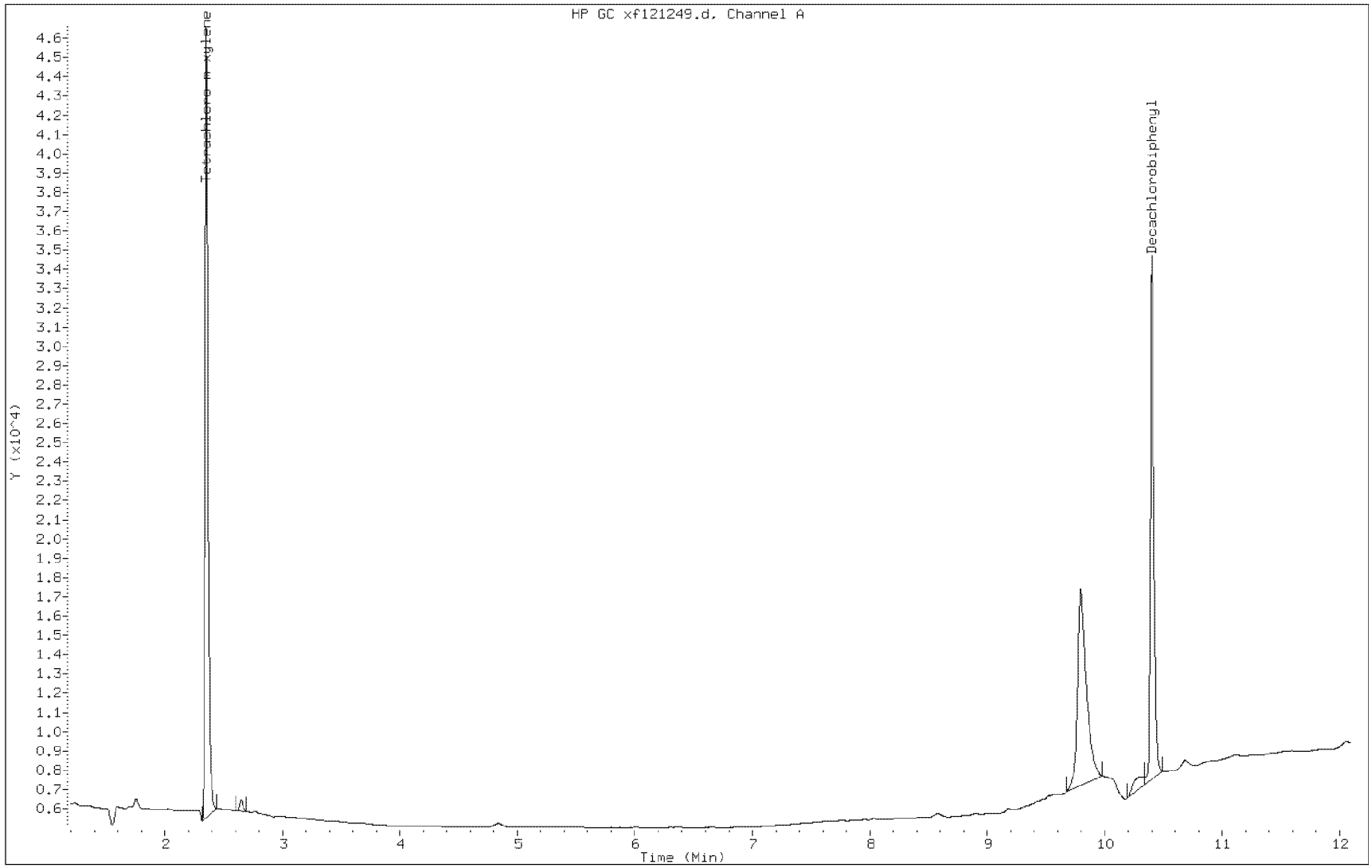
a - Target compound detected but, quantitated amount
Below Limit Of Quantitation(BLOQ).
R - Spike/Surrogate failed recovery limits.

Data File: xf121249.d

Date: 08-JUN-2011 11:26

Client ID: Instrument: PESTGC1.i

Sample Info: SGPIBLK_00007 Operator: 462



FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-27128-1

SDG No.:

Client Sample ID: | Lab Sample ID: PIBLK 460-76035/24

Matrix: Solid | Lab File ID: xr121249.d

Analysis Method: 8081A | Date Collected:

Extraction Method: | Date Extracted:

Sample wt/vol: | Date Analyzed: 06/08/2011 11:26

Con. Extract Vol.: | Dilution Factor: 1

Injection Volume: | GC Column: CLP-1 ID: 0.53(mm)

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 76035 | Units: ug/L

| CAS NO. | COMPOUND NAME | RESULT | Q | RL | MDL |
|---|---|---|---|---|---|
| 319-84-6 | alpha-BHC | 0.050 | U | 0.050 | 0.010 |
| 319-85-7 | beta-BHC | 0.050 | U | 0.050 | 0.011 |
| 319-86-8 | delta-BHC | 0.050 | U | 0.050 | 0.0090 |
| 58-89-9 | gamma-BHC (Lindane) | 0.050 | U | 0.050 | 0.012 |
| 76-44-8 | Heptachlor | 0.050 | U | 0.050 | 0.010 |
| 309-00-2 | Aldrin | 0.050 | U | 0.050 | 0.010 |
| 1024-57-3 | Heptachlor epoxide | 0.050 | U | 0.050 | 0.010 |
| 959-98-8 | Endosulfan I | 0.050 | U | 0.050 | 0.0090 |
| 60-57-1 | Dieldrin | 0.050 | U | 0.050 | 0.0050 |
| 72-55-9 | 4,4'-DDE | 0.050 | U | 0.050 | 0.0090 |
| 72-20-8 | Endrin | 0.050 | U | 0.050 | 0.010 |
| 33213-65-9 | Endosulfan II | 0.050 | U | 0.050 | 0.010 |
| 72-54-8 | 4,4'-DDD | 0.050 | U | 0.050 | 0.011 |
| 1031-07-8 | Endosulfan sulfate | 0.050 | U | 0.050 | 0.016 |
| 50-29-3 | 4,4'-DDT | 0.050 | U | 0.050 | 0.010 |
| 72-43-5 | Methoxychlor | 0.050 | U | 0.050 | 0.013 |
| 53494-70-5 | Endrin ketone | 0.050 | U | 0.050 | 0.011 |
| 7421-93-4 | Endrin aldehyde | 0.050 | U | 0.050 | 0.0090 |
| 5103-71-9 | alpha-Chlordane | 0.050 | U | 0.050 | 0.0080 |
| 5103-74-2 | gamma-Chlordane | 0.050 | U | 0.050 | 0.0090 |
| 8001-35-2 | Toxaphene | 0.50 | U | 0.50 | 0.20 |

| CAS NO. | SURROGATE | %REC | Q | LIMITS |
|---|---|---|---|---|
| 2051-24-3 | DCB Decachlorobiphenyl | 141 | | 53-150 |
| 877-09-8 | Tetrachloro-m-xylene | 121 | | 40-150 |

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC1.i/8081T/rear/Jun11/06-08-11/08jun11a.b/xr121249.d
Lab Smp Id: PIBLK_00007
Inj Date : 08-JUN-2011 11:26
Operator : 462 Inst ID: PESTGC1.i
Smp Info : SGPIBLK_00007
Misc Info :
Comment :
Method : /chem1/PESTGC1.i/8081T/rear/Jun11/06-08-11/08jun11a.b/09Xr8081.m
Meth Date : 08-Jun-2011 11:36 Ex. 4 CBI Quant Type: ESTD
Cal Date : 02-JUN-2011 15:42 Cal File: xr120980.d
Als bottle: 1
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: Allpest.sub
Target Version: 3.50 Sample Matrix: WATER
Processing Host: hpd3

Concentration Formula: Amt * DF * Vt/Vo * CpndVariable

| Name | Value | Description |
|---|---|---|
| DF | 1.00000 | Dilution Factor |
| Vt | 5.00000 | Volume of final extract (mL) |
| Vo | 100.00000 | Volume of sample extracted (mL) |

Cpnd Variable Local Compound Variable

| RT | EXP RT | DLT RT | RESPONSE | CONCENTRATIONS ON-COL ( ug/L) | CONCENTRATIONS FINAL ( ug/l) | TARGET RANGE | RATIO |
|---|---|---|---|---|---|---|---|
| $ 28 Tetrachloro-m-xylene | | | | | CAS #: 877-09-8 | | |
| 1.947 | 1.943 | 0.004 | 113999 | 24.2163 | 1.2 | 80.00- 120.00 | 100.00(aR) |
| $ 30 Decachlorobiphenyl | | | | | CAS #: 2051-24-3 | | |
| 9.403 | 9.403 | 0.000 | 75481 | 28.1193 | 1.4 | 80.00- 120.00 | 100.00(R) |

QC Flag Legend

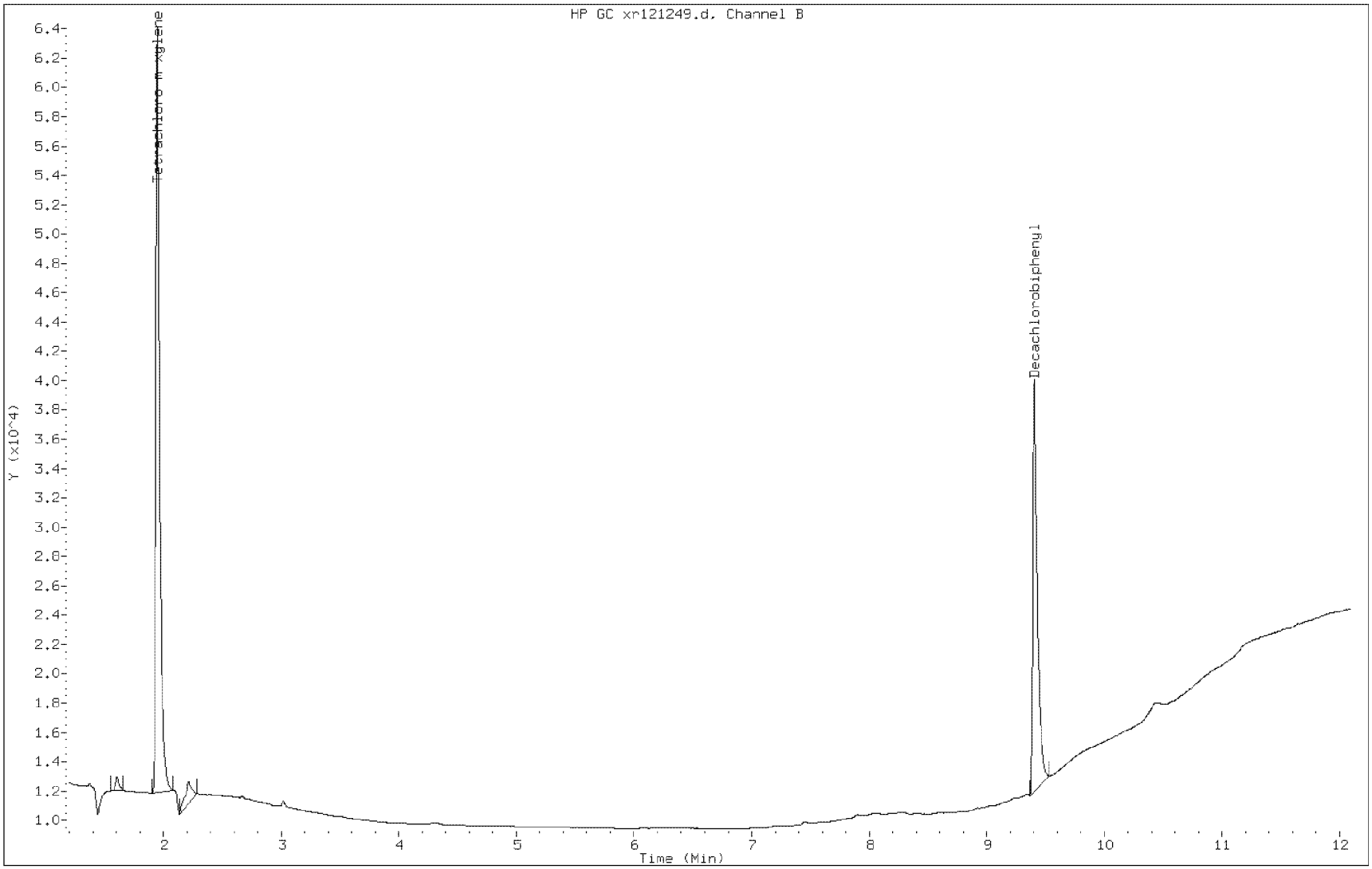
a - Target compound detected but, quantitated amount
Below Limit Of Quantitation(BLOQ).
R - Spike/Surrogate failed recovery limits.

Data File: xr121249.d

Date: 08-JUN-2011 11:26

Client ID: Instrument: PESTGC1.i

Sample Info: SGPIBLK_00007 Operator: 462



FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-27128-1
SDG No.:
Client Sample ID: | Lab Sample ID: PIBLK 460-76138/1
Matrix: Solid | Lab File ID: xf121249.d
Analysis Method: 8081A | Date Collected:
Extraction Method: | Date Extracted:
Sample wt/vol: | Date Analyzed: 06/08/2011 11:26
Con. Extract Vol.: | Dilution Factor: 1
Injection Volume: | GC Column: CLP-2 ID: 0.53(mm)
% Moisture: | GPC Cleanup:(Y/N) N
Analysis Batch No.: 76138 | Units: ug/L

| CAS NO. | COMPOUND NAME | RESULT | Q | RL | MDL |
|---|---|---|---|---|---|
| 319-84-6 | alpha-BHC | 0.050 | U | 0.050 | 0.010 |
| 319-85-7 | beta-BHC | 0.050 | U | 0.050 | 0.011 |
| 319-86-8 | delta-BHC | 0.050 | U | 0.050 | 0.0090 |
| 58-89-9 | gamma-BHC (Lindane) | 0.050 | U | 0.050 | 0.012 |
| 76-44-8 | Heptachlor | 0.050 | U | 0.050 | 0.010 |
| 309-00-2 | Aldrin | 0.050 | U | 0.050 | 0.010 |
| 1024-57-3 | Heptachlor epoxide | 0.050 | U | 0.050 | 0.010 |
| 959-98-8 | Endosulfan I | 0.050 | U | 0.050 | 0.0090 |
| 60-57-1 | Dieldrin | 0.050 | U | 0.050 | 0.0050 |
| 72-55-9 | 4,4'-DDE | 0.050 | U | 0.050 | 0.0090 |
| 72-20-8 | Endrin | 0.050 | U | 0.050 | 0.010 |
| 33213-65-9 | Endosulfan II | 0.050 | U | 0.050 | 0.010 |
| 72-54-8 | 4,4'-DDD | 0.050 | U | 0.050 | 0.011 |
| 1031-07-8 | Endosulfan sulfate | 0.050 | U | 0.050 | 0.016 |
| 50-29-3 | 4,4'-DDT | 0.050 | U | 0.050 | 0.010 |
| 72-43-5 | Methoxychlor | 0.050 | U | 0.050 | 0.013 |
| 53494-70-5 | Endrin ketone | 0.050 | U | 0.050 | 0.011 |
| 7421-93-4 | Endrin aldehyde | 0.050 | U | 0.050 | 0.0090 |
| 5103-71-9 | alpha-Chlordane | 0.050 | U | 0.050 | 0.0080 |
| 5103-74-2 | gamma-Chlordane | 0.050 | U | 0.050 | 0.0090 |
| 8001-35-2 | Toxaphene | 0.50 | U | 0.50 | 0.20 |

| CAS NO. | SURROGATE | %REC | Q | LIMITS |
|---|---|---|---|---|
| 2051-24-3 | DCB Decachlorobiphenyl | 134 | | 53-150 |
| 877-09-8 | Tetrachloro-m-xylene | 122 | | 40-150 |

Data File: xf121249.d
Report Date: 09-Jun-2011 07:04

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC1.i/8081T/front/Jun11/06-08-11/08jun11b.b/xf121249.d
Lab Smp Id: SGPIBLK_00007
Inj Date : 08-JUN-2011 11:26
Operator : 462 Inst ID: PESTGC1.i
Smp Info : SGPIBLK_00007
Misc Info :
Comment :
Method : /chem1/PESTGC1.i/8081T/front/Jun11/06-08-11/08jun11b.b/09Xf8081.m
Meth Date : 09-Jun-2011 07:00 Ex. 4 CBI Quant Type: ESTD
Cal Date : 02-JUN-2011 15:42 Cal File: xf120980.d
Als bottle: 1
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: Allpest.sub
Target Version: 3.50 Sample Matrix: WATER
Processing Host: hpd3

Concentration Formula: Amt * DF * Vt/Vo * CpndVariable

| Name | Value | Description |
|---|---|---|
| DF | 1.00000 | Dilution Factor |
| Vt | 5.00000 | Volume of final extract (mL) |
| Vo | 100.00000 | Volume of sample extracted (mL) |

Cpnd Variable Local Compound Variable

| RT | EXP RT | DLT RT | RESPONSE | CONCENTRATIONS ON-COL ( ug/L) | CONCENTRATIONS FINAL ( ug/l) | TARGET RANGE | RATIO |
|---|---|---|---|---|---|---|---|
| $ 28 Tetrachloro-m-xylene | | | | | CAS #: 877-09-8 | | |
| 2.353 | 2.357 | -0.004 | 72757 | 24.4567 | | 80.00- 120.00 | 100.00(aR) |
| $ 30 Decachlorobiphenyl | | | | | CAS #: 2051-24-3 | | |
| 10.400 | 10.400 | 0.000 | 55033 | 26.8198 | | 80.00- 120.00 | 100.00(aR) |

QC Flag Legend

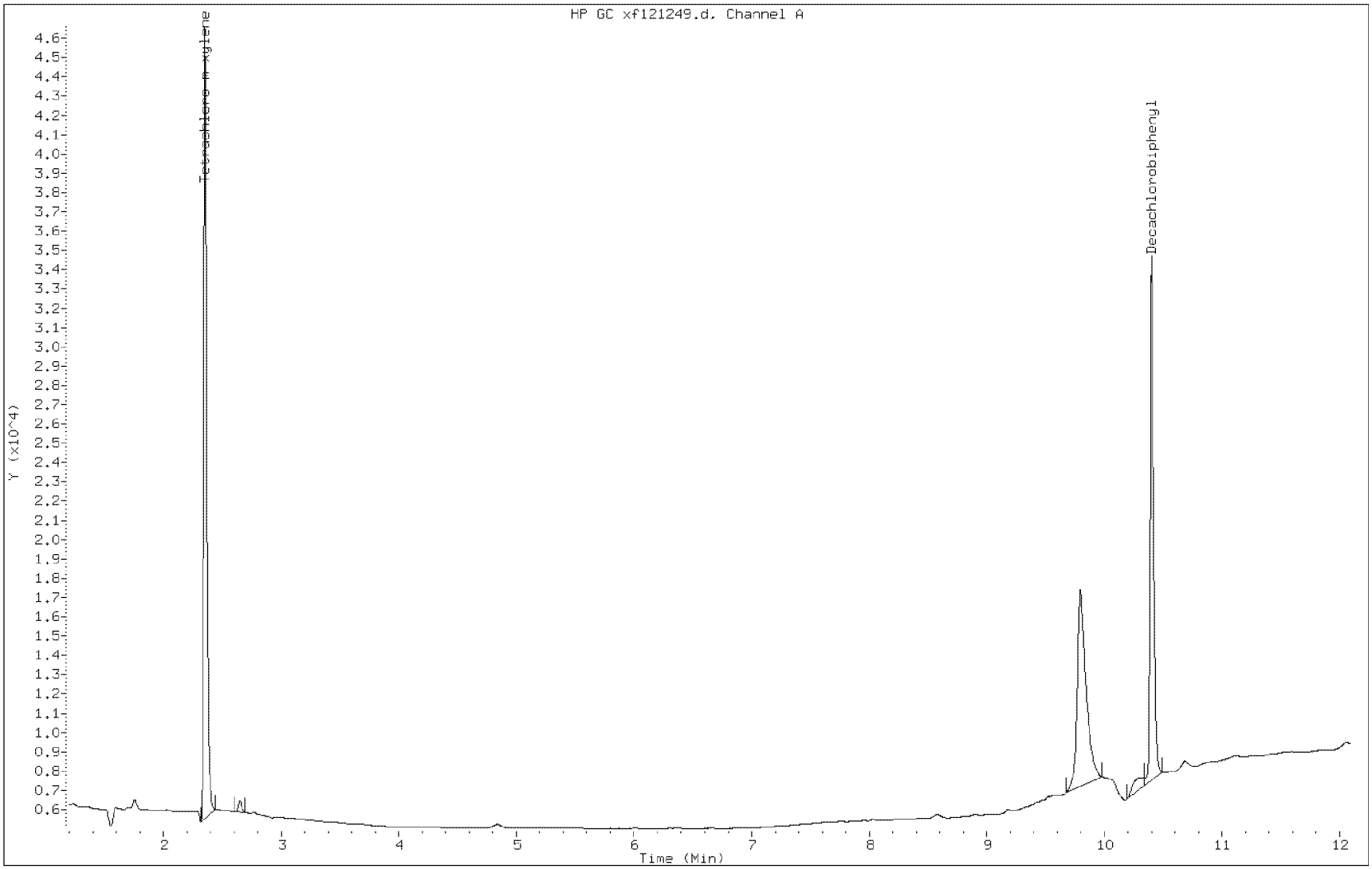
a - Target compound detected but, quantitated amount
Below Limit Of Quantitation(BLOQ).
R - Spike/Surrogate failed recovery limits.

Data File: xf121249.d

Date: 08-JUN-2011 11:26

Client ID: Instrument: PESTGC1.i

Sample Info: SGPIBLK_00007 Operator: 462



FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-27128-1

SDG No.:

Client Sample ID: | Lab Sample ID: PIBLK 460-76138/1

Matrix: Solid | Lab File ID: xr121249.d

Analysis Method: 8081A | Date Collected:

Extraction Method: | Date Extracted:

Sample wt/vol: | Date Analyzed: 06/08/2011 11:26

Con. Extract Vol.: | Dilution Factor: 1

Injection Volume: | GC Column: CLP-1 ID: 0.53(mm)

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 76138 | Units: ug/L

| CAS NO. | COMPOUND NAME | RESULT | Q | RL | MDL |
|---|---|---|---|---|---|
| 319-84-6 | alpha-BHC | 0.050 | U | 0.050 | 0.010 |
| 319-85-7 | beta-BHC | 0.050 | U | 0.050 | 0.011 |
| 319-86-8 | delta-BHC | 0.050 | U | 0.050 | 0.0090 |
| 58-89-9 | gamma-BHC (Lindane) | 0.050 | U | 0.050 | 0.012 |
| 76-44-8 | Heptachlor | 0.050 | U | 0.050 | 0.010 |
| 309-00-2 | Aldrin | 0.050 | U | 0.050 | 0.010 |
| 1024-57-3 | Heptachlor epoxide | 0.050 | U | 0.050 | 0.010 |
| 959-98-8 | Endosulfan I | 0.050 | U | 0.050 | 0.0090 |
| 60-57-1 | Dieldrin | 0.050 | U | 0.050 | 0.0050 |
| 72-55-9 | 4,4'-DDE | 0.050 | U | 0.050 | 0.0090 |
| 72-20-8 | Endrin | 0.050 | U | 0.050 | 0.010 |
| 33213-65-9 | Endosulfan II | 0.050 | U | 0.050 | 0.010 |
| 72-54-8 | 4,4'-DDD | 0.050 | U | 0.050 | 0.011 |
| 1031-07-8 | Endosulfan sulfate | 0.050 | U | 0.050 | 0.016 |
| 50-29-3 | 4,4'-DDT | 0.050 | U | 0.050 | 0.010 |
| 72-43-5 | Methoxychlor | 0.050 | U | 0.050 | 0.013 |
| 53494-70-5 | Endrin ketone | 0.050 | U | 0.050 | 0.011 |
| 7421-93-4 | Endrin aldehyde | 0.050 | U | 0.050 | 0.0090 |
| 5103-71-9 | alpha-Chlordane | 0.050 | U | 0.050 | 0.0080 |
| 5103-74-2 | gamma-Chlordane | 0.050 | U | 0.050 | 0.0090 |
| 8001-35-2 | Toxaphene | 0.50 | U | 0.50 | 0.20 |

| CAS NO. | SURROGATE | %REC | Q | LIMITS |
|---|---|---|---|---|
| 2051-24-3 | DCB Decachlorobiphenyl | 141 | | 53-150 |
| 877-09-8 | Tetrachloro-m-xylene | 121 | | 40-150 |

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC1.i/8081T/rear/Jun11/06-08-11/08jun11b.b/xr121249.d
Lab Smp Id: SGPIBLK_00007
Inj Date : 08-JUN-2011 11:26
Operator : 462 Inst ID: PESTGC1.i
Smp Info : SGPIBLK_00007
Misc Info :
Comment :
Method : /chem1/PESTGC1.i/8081T/rear/Jun11/06-08-11/08jun11b.b/09Xr8081.m
Meth Date : 09-Jun-2011 07:02 Ex. 4 CBI Quant Type: ESTD
Cal Date : 02-JUN-2011 15:42 Cal File: xr120980.d
Als bottle: 1
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: Allpest.sub
Target Version: 3.50 Sample Matrix: WATER
Processing Host: hpd3

Concentration Formula: Amt * DF * Vt/Vo * CpndVariable

| Name | Value | Description |
|---|---|---|
| DF | 1.00000 | Dilution Factor |
| Vt | 5.00000 | Volume of final extract (mL) |
| Vo | 100.00000 | Volume of sample extracted (mL) |

Cpnd Variable Local Compound Variable

| RT | EXP RT | DLT RT | RESPONSE | CONCENTRATIONS ON-COL ( ug/L) | FINAL ( ug/l) | TARGET RANGE | RATIO |
|---|---|---|---|---|---|---|---|
| $ 28 Tetrachloro-m-xylene | | | | | CAS #: 877-09-8 | | |
| 1.947 | 1.950 | -0.003 | 113999 | 24.2163 | 1.2 | 80.00- 120.00 | 100.00(aR) |
| $ 30 Decachlorobiphenyl | | | | | CAS #: 2051-24-3 | | |
| 9.403 | 9.403 | 0.000 | 75481 | 28.1193 | 1.4 | 80.00- 120.00 | 100.00(R) |

QC Flag Legend

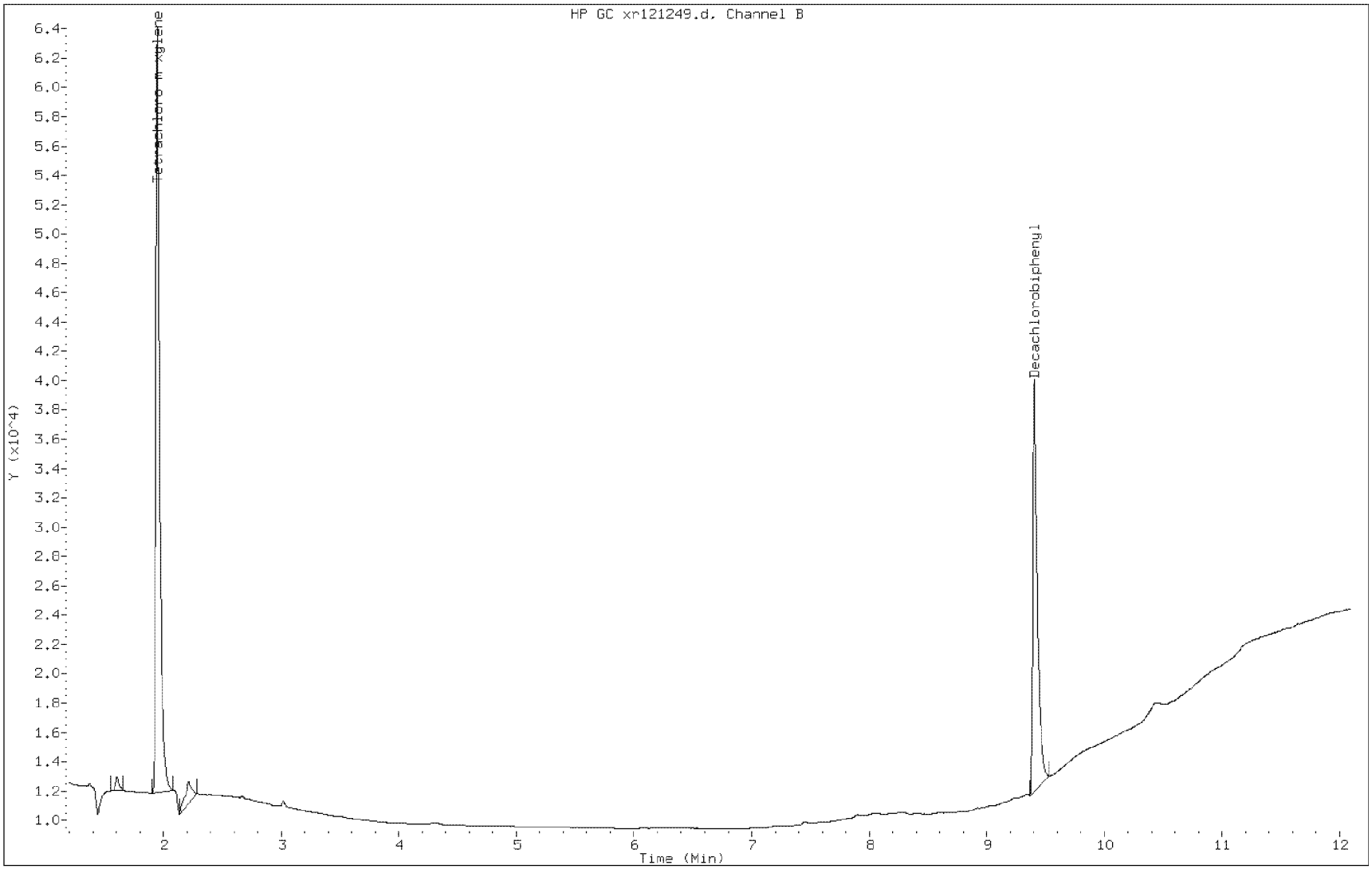
a - Target compound detected but, quantitated amount
Below Limit Of Quantitation(BLOQ).
R - Spike/Surrogate failed recovery limits.

Data File: xr121249.d

Date: 08-JUN-2011 11:26

Client ID: Instrument: PESTGC1.i

Sample Info: SGPIBLK_00007 Operator: 462



FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-27128-1

SDG No.:

Client Sample ID: | Lab Sample ID: PIBLK 460-76138/23

Matrix: Solid | Lab File ID: xf121271.d

Analysis Method: 8081A | Date Collected:

Extraction Method: | Date Extracted:

Sample wt/vol: | Date Analyzed: 06/08/2011 16:30

Con. Extract Vol.: | Dilution Factor: 1

Injection Volume: | GC Column: CLP-2 ID: 0.53(mm)

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 76138 | Units: ug/L

| CAS NO. | COMPOUND NAME | RESULT | Q | RL | MDL |
|---|---|---|---|---|---|
| 319-84-6 | alpha-BHC | 0.050 | U | 0.050 | 0.010 |
| 319-85-7 | beta-BHC | 0.050 | U | 0.050 | 0.011 |
| 319-86-8 | delta-BHC | 0.050 | U | 0.050 | 0.0090 |
| 58-89-9 | gamma-BHC (Lindane) | 0.050 | U | 0.050 | 0.012 |
| 76-44-8 | Heptachlor | 0.050 | U | 0.050 | 0.010 |
| 309-00-2 | Aldrin | 0.050 | U | 0.050 | 0.010 |
| 1024-57-3 | Heptachlor epoxide | 0.050 | U | 0.050 | 0.010 |
| 959-98-8 | Endosulfan I | 0.050 | U | 0.050 | 0.0090 |
| 60-57-1 | Dieldrin | 0.050 | U | 0.050 | 0.0050 |
| 72-55-9 | 4,4'-DDE | 0.050 | U | 0.050 | 0.0090 |
| 72-20-8 | Endrin | 0.050 | U | 0.050 | 0.010 |
| 33213-65-9 | Endosulfan II | 0.050 | U | 0.050 | 0.010 |
| 72-54-8 | 4,4'-DDD | 0.050 | U | 0.050 | 0.011 |
| 1031-07-8 | Endosulfan sulfate | 0.050 | U | 0.050 | 0.016 |
| 50-29-3 | 4,4'-DDT | 0.050 | U | 0.050 | 0.010 |
| 72-43-5 | Methoxychlor | 0.050 | U | 0.050 | 0.013 |
| 53494-70-5 | Endrin ketone | 0.050 | U | 0.050 | 0.011 |
| 7421-93-4 | Endrin aldehyde | 0.050 | U | 0.050 | 0.0090 |
| 5103-71-9 | alpha-Chlordane | 0.050 | U | 0.050 | 0.0080 |
| 5103-74-2 | gamma-Chlordane | 0.050 | U | 0.050 | 0.0090 |
| 8001-35-2 | Toxaphene | 0.50 | U | 0.50 | 0.20 |

| CAS NO. | SURROGATE | %REC | Q | LIMITS |
|---|---|---|---|---|
| 2051-24-3 | DCB Decachlorobiphenyl | 140 | | 53-150 |
| 877-09-8 | Tetrachloro-m-xylene | 125 | | 40-150 |

Data File: xf121271.d
Report Date: 09-Jun-2011 07:19

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC1.i/8081T/front/Jun11/06-08-11/08jun11b.b/xf121271.d
Lab Smp Id: SGPIBLK_00007
Inj Date : 08-JUN-2011 16:30
Operator : 462 Inst ID: PESTGC1.i
Smp Info : SGPIBLK_00007
Misc Info :
Comment :
Method : /chem1/PESTGC1.i/8081T/front/Jun11/06-08-11/08jun11b.b/09Xf8081.m
Meth Date : 09-Jun-2011 07:06 Ex. 4 CBI Quant Type: ESTD
Cal Date : 02-JUN-2011 15:42 Cal File: xf120980.d
Als bottle: 1
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: Allpest.sub
Target Version: 3.50 Sample Matrix: WATER
Processing Host: hpd3

Concentration Formula: Amt * DF * Vt/Vo * CpndVariable

| Name | Value | Description |
|---|---|---|
| DF | 1.00000 | Dilution Factor |
| Vt | 5.00000 | Volume of final extract (mL) |
| Vo | 1000.00000 | Volume of sample extracted (mL) |

Cpnd Variable Local Compound Variable

| RT | EXP RT | DLT RT | RESPONSE | CONCENTRATIONS ON-COL ( ug/L) | FINAL ( ug/l) | TARGET RANGE | RATIO |
|---|---|---|---|---|---|---|---|
| $ 28 Tetrachloro-m-xylene | | | | | CAS #: 877-09-8 | | |
| 2.357 | 2.357 | 0.000 | 74635 | 25.0882 | | 80.00- 120.00 | 100.00(aR) |
| $ 30 Decachlorobiphenyl | | | | | CAS #: 2051-24-3 | | |
| 10.403 | 10.400 | 0.003 | 57574 | 28.0584 | | 80.00- 120.00 | 100.00(aR) |

QC Flag Legend

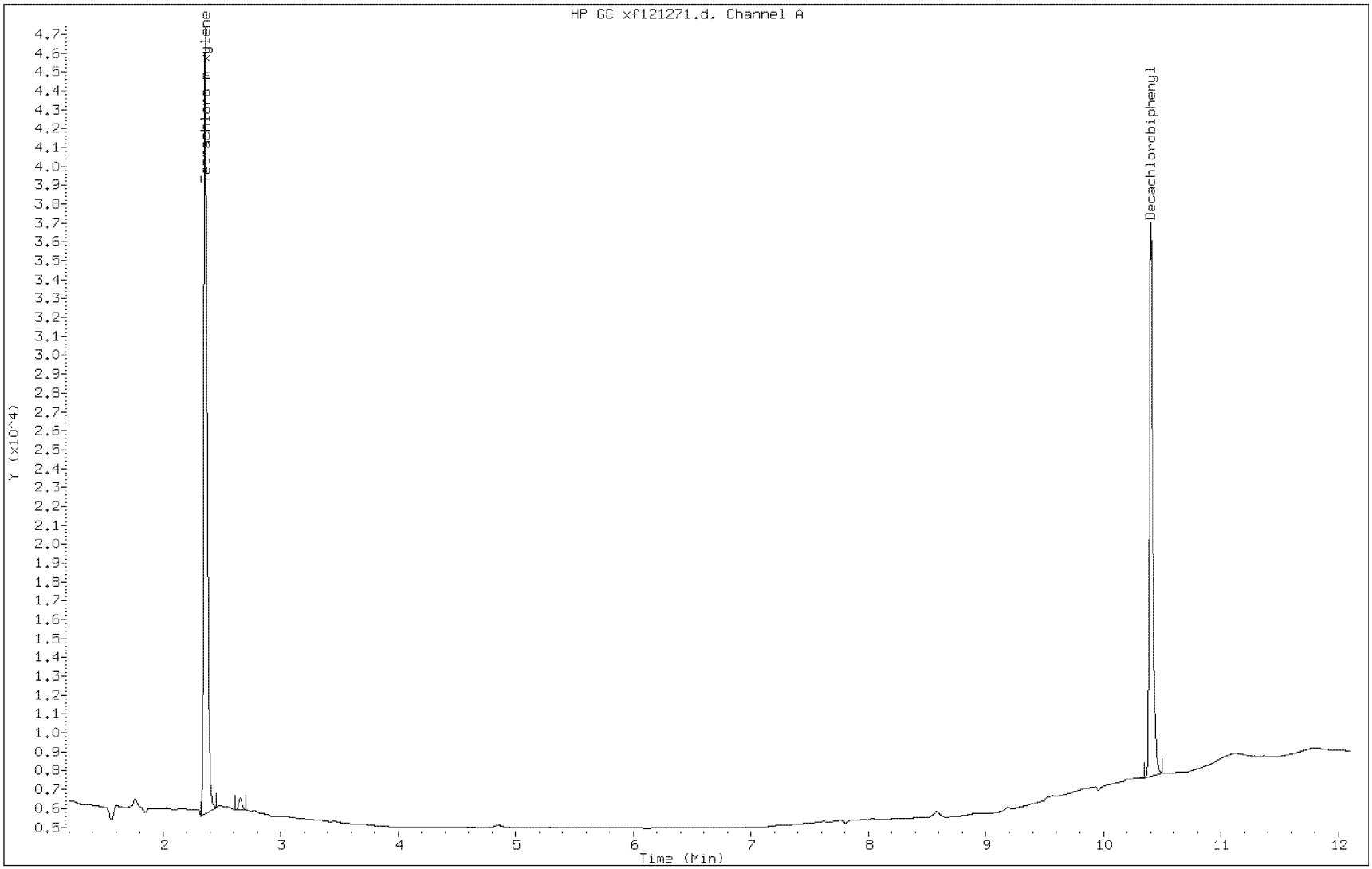
a - Target compound detected but, quantitated amount
Below Limit Of Quantitation(BLOQ).
R - Spike/Surrogate failed recovery limits.

Data File: xf121271.d

Date: 08-JUN-2011 16:30

Client ID: Instrument: PESTGC1.i

Sample Info: SGPIBLK_00007 Operator: 462



FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-27128-1
SDG No.:
Client Sample ID: | Lab Sample ID: PIBLK 460-76138/23
Matrix: Solid | Lab File ID: xr121271.d
Analysis Method: 8081A | Date Collected:
Extraction Method: | Date Extracted:
Sample wt/vol: | Date Analyzed: 06/08/2011 16:30
Con. Extract Vol.: | Dilution Factor: 1
Injection Volume: | GC Column: CLP-1 ID: 0.53(mm)
% Moisture: | GPC Cleanup:(Y/N) N
Analysis Batch No.: 76138 | Units: ug/L

| CAS NO. | COMPOUND NAME | RESULT | Q | RL | MDL |
|---|---|---|---|---|---|
| 319-84-6 | alpha-BHC | 0.050 | U | 0.050 | 0.010 |
| 319-85-7 | beta-BHC | 0.050 | U | 0.050 | 0.011 |
| 319-86-8 | delta-BHC | 0.050 | U | 0.050 | 0.0090 |
| 58-89-9 | gamma-BHC (Lindane) | 0.050 | U | 0.050 | 0.012 |
| 76-44-8 | Heptachlor | 0.050 | U | 0.050 | 0.010 |
| 309-00-2 | Aldrin | 0.050 | U | 0.050 | 0.010 |
| 1024-57-3 | Heptachlor epoxide | 0.050 | U | 0.050 | 0.010 |
| 959-98-8 | Endosulfan I | 0.050 | U | 0.050 | 0.0090 |
| 60-57-1 | Dieldrin | 0.050 | U | 0.050 | 0.0050 |
| 72-55-9 | 4,4'-DDE | 0.050 | U | 0.050 | 0.0090 |
| 72-20-8 | Endrin | 0.050 | U | 0.050 | 0.010 |
| 33213-65-9 | Endosulfan II | 0.050 | U | 0.050 | 0.010 |
| 72-54-8 | 4,4'-DDD | 0.050 | U | 0.050 | 0.011 |
| 1031-07-8 | Endosulfan sulfate | 0.050 | U | 0.050 | 0.016 |
| 50-29-3 | 4,4'-DDT | 0.050 | U | 0.050 | 0.010 |
| 72-43-5 | Methoxychlor | 0.050 | U | 0.050 | 0.013 |
| 53494-70-5 | Endrin ketone | 0.050 | U | 0.050 | 0.011 |
| 7421-93-4 | Endrin aldehyde | 0.050 | U | 0.050 | 0.0090 |
| 5103-71-9 | alpha-Chlordane | 0.050 | U | 0.050 | 0.0080 |
| 5103-74-2 | gamma-Chlordane | 0.050 | U | 0.050 | 0.0090 |
| 8001-35-2 | Toxaphene | 0.50 | U | 0.50 | 0.20 |

| CAS NO. | SURROGATE | %REC | Q | LIMITS |
|---|---|---|---|---|
| 2051-24-3 | DCB Decachlorobiphenyl | 138 | | 53-150 |
| 877-09-8 | Tetrachloro-m-xylene | 123 | | 40-150 |

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC1.i/8081T/rear/Jun11/06-08-11/08jun11b.b/xr121271.d
Lab Smp Id: SGPIBLK_00007
Inj Date : 08-JUN-2011 16:30
Operator : 462 Inst ID: PESTGC1.i
Smp Info : SGPIBLK_00007
Misc Info :
Comment :
Method : /chem1/PESTGC1.i/8081T/rear/Jun11/06-08-11/08jun11b.b/09Xr8081.m
Meth Date : 09-Jun-2011 07:02 Ex. 4 CBI Quant Type: ESTD
Cal Date : 02-JUN-2011 15:42 Cal File: xr120980.d
Als bottle: 1
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: Allpest.sub
Target Version: 3.50 Sample Matrix: WATER
Processing Host: hpd3

Concentration Formula: Amt * DF * Vt/Vo * CpndVariable

| Name | Value | Description |
|---|---|---|
| DF | 1.00000 | Dilution Factor |
| Vt | 5.00000 | Volume of final extract (mL) |
| Vo | 1000.00000 | Volume of sample extracted (mL) |

Cpnd Variable Local Compound Variable

| RT | EXP RT | DLT RT | RESPONSE | CONCENTRATIONS ON-COL ( ug/L) | FINAL ( ug/l) | TARGET RANGE | RATIO |
|---|---|---|---|---|---|---|---|
| $ 28 Tetrachloro-m-xylene | | | | | CAS #: 877-09-8 | | |
| 1.950 | 1.950 | 0.000 | 115665 | 24.5703 | 0.12 | 80.00- 120.00 | 100.00(aR) |
| $ 30 Decachlorobiphenyl | | | | | CAS #: 2051-24-3 | | |
| 9.403 | 9.403 | 0.000 | 73934 | 27.5432 | 0.14 | 80.00- 120.00 | 100.00(R) |

QC Flag Legend

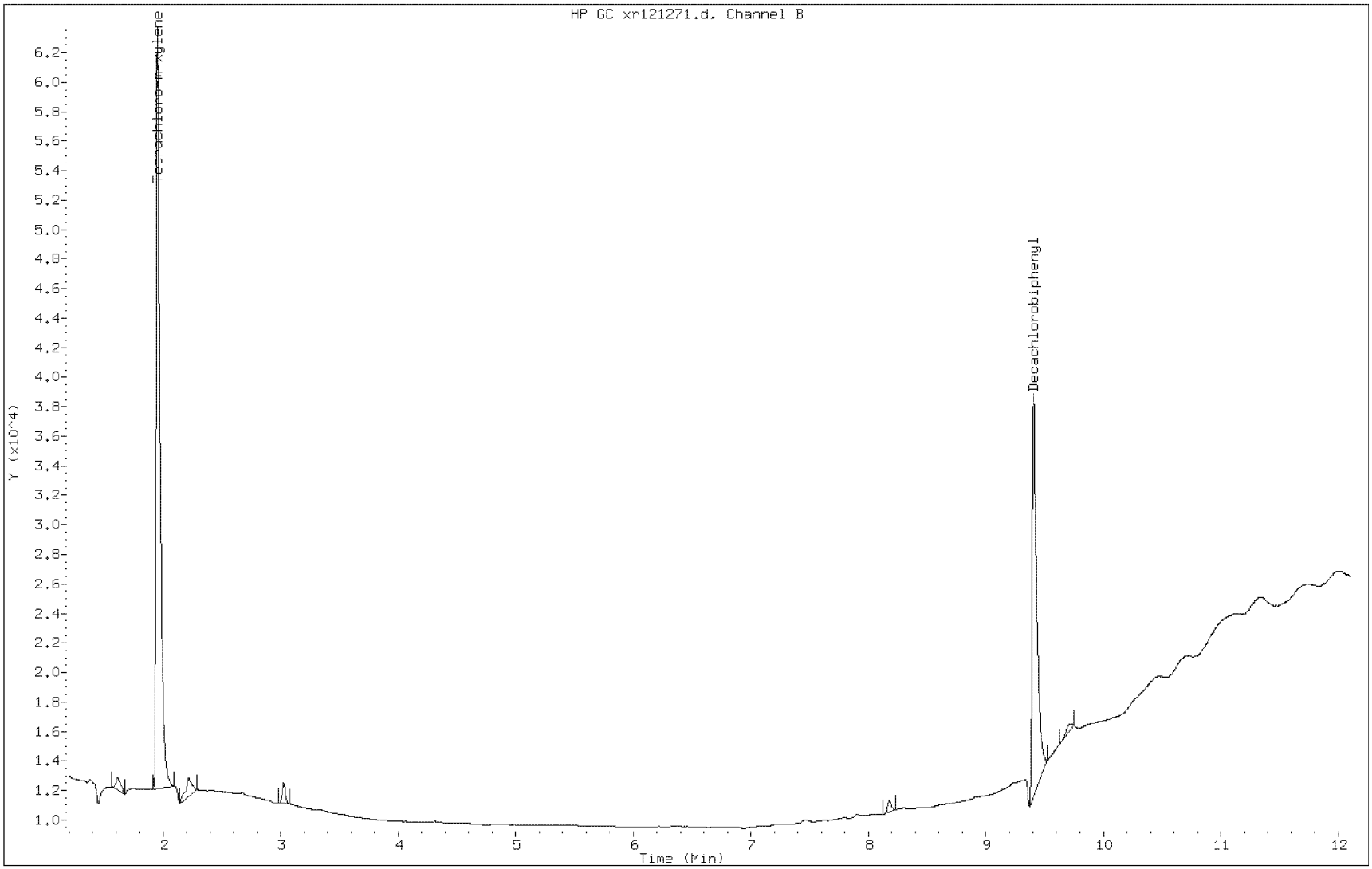
a - Target compound detected but, quantitated amount
Below Limit Of Quantitation(BLOQ).
R - Spike/Surrogate failed recovery limits.

Data File: xr121271.d

Date: 08-JUN-2011 16:30

Client ID: Instrument: PESTGC1.i

Sample Info: SGPIBLK_00007 Operator: 462



FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-27128-1
SDG No.:
Client Sample ID: | Lab Sample ID: PIBLK 460-76149/2
Matrix: Solid | Lab File ID: xf121295.d
Analysis Method: 8081A | Date Collected:
Extraction Method: | Date Extracted:
Sample wt/vol: | Date Analyzed: 06/09/2011 07:04
Con. Extract Vol.: | Dilution Factor: 1
Injection Volume: | GC Column: CLP-2 ID: 0.53(mm)
% Moisture: | GPC Cleanup:(Y/N) N
Analysis Batch No.: 76149 | Units: ug/L

| CAS NO. | COMPOUND NAME | RESULT | Q | RL | MDL |
|---|---|---|---|---|---|
| 319-84-6 | alpha-BHC | 0.050 | U | 0.050 | 0.010 |
| 319-85-7 | beta-BHC | 0.050 | U | 0.050 | 0.011 |
| 319-86-8 | delta-BHC | 0.050 | U | 0.050 | 0.0090 |
| 58-89-9 | gamma-BHC (Lindane) | 0.050 | U | 0.050 | 0.012 |
| 76-44-8 | Heptachlor | 0.050 | U | 0.050 | 0.010 |
| 309-00-2 | Aldrin | 0.050 | U | 0.050 | 0.010 |
| 1024-57-3 | Heptachlor epoxide | 0.050 | U | 0.050 | 0.010 |
| 959-98-8 | Endosulfan I | 0.050 | U | 0.050 | 0.0090 |
| 60-57-1 | Dieldrin | 0.050 | U | 0.050 | 0.0050 |
| 72-55-9 | 4,4'-DDE | 0.050 | U | 0.050 | 0.0090 |
| 72-20-8 | Endrin | 0.050 | U | 0.050 | 0.010 |
| 33213-65-9 | Endosulfan II | 0.050 | U | 0.050 | 0.010 |
| 72-54-8 | 4,4'-DDD | 0.050 | U | 0.050 | 0.011 |
| 1031-07-8 | Endosulfan sulfate | 0.050 | U | 0.050 | 0.016 |
| 50-29-3 | 4,4'-DDT | 0.050 | U | 0.050 | 0.010 |
| 72-43-5 | Methoxychlor | 0.050 | U | 0.050 | 0.013 |
| 53494-70-5 | Endrin ketone | 0.050 | U | 0.050 | 0.011 |
| 7421-93-4 | Endrin aldehyde | 0.050 | U | 0.050 | 0.0090 |
| 5103-71-9 | alpha-Chlordane | 0.050 | U | 0.050 | 0.0080 |
| 5103-74-2 | gamma-Chlordane | 0.050 | U | 0.050 | 0.0090 |
| 8001-35-2 | Toxaphene | 0.50 | U | 0.50 | 0.20 |

| CAS NO. | SURROGATE | %REC | Q | LIMITS |
|---|---|---|---|---|
| 2051-24-3 | DCB Decachlorobiphenyl | 136 | | 53-150 |
| 877-09-8 | Tetrachloro-m-xylene | 121 | | 40-150 |

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC1.i/8081T/front/Jun11/06-09-11/09jun11a.b/xf121295.d
Lab Smp Id: SGPIBLK_00007
Inj Date : 09-JUN-2011 07:04
Operator : 462 Inst ID: PESTGC1.i
Smp Info : SGPIBLK_00007
Misc Info :
Comment :
Method : /chem1/PESTGC1.i/8081T/front/Jun11/06-09-11/09jun11a.b/09Xf8081.m
Meth Date : 09-Jun-2011 08:26 Ex. 4 CBI Quant Type: ESTD
Cal Date : 02-JUN-2011 15:42 Cal File: xf120980.d
Als bottle: 1
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: Allpest.sub
Target Version: 3.50 Sample Matrix: WATER
Processing Host: hpd3

Concentration Formula: Amt * DF * Vt/Vo * CpndVariable

| Name | Value | Description |
|---|---|---|
| DF | 1.00000 | Dilution Factor |
| Vt | 5.00000 | Volume of final extract (mL) |
| Vo | 1000.00000 | Volume of sample extracted (mL) |

Cpnd Variable Local Compound Variable

| RT | EXP RT | DLT RT | RESPONSE | CONCENTRATIONS ON-COL ( ug/L) | FINAL ( ug/l) | TARGET RANGE | RATIO |
|---|---|---|---|---|---|---|---|
| $ 28 Tetrachloro-m-xylene | | | | | CAS #: 877-09-8 | | |
| 2.353 | 2.353 | 0.000 | 72089 | 24.2322 | | 80.00- 120.00 | 100.00(aR) |
| $ 30 Decachlorobiphenyl | | | | | CAS #: 2051-24-3 | | |
| 10.400 | 10.400 | 0.000 | 55620 | 27.1059 | | 80.00- 120.00 | 100.00(aR) |

QC Flag Legend

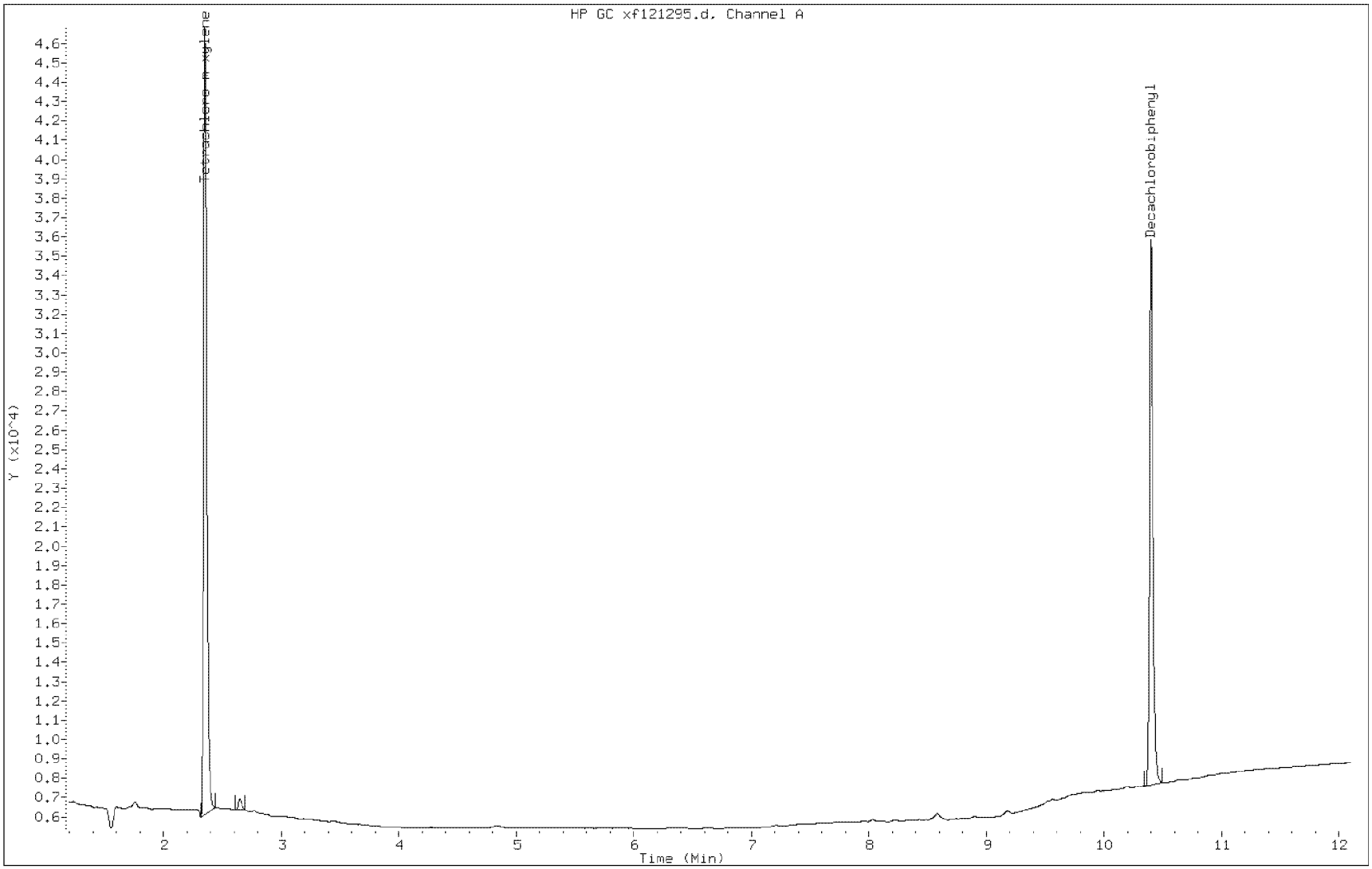
a - Target compound detected but, quantitated amount
Below Limit Of Quantitation(BLOQ).
R - Spike/Surrogate failed recovery limits.

Data File: xf121295.d

Date: 09-JUN-2011 07:04

Client ID: Instrument: PESTGC1.i

Sample Info: SGPIBLK_00007 Operator: 462



FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-27128-1

SDG No.:

Client Sample ID: | Lab Sample ID: PIBLK 460-76149/2

Matrix: Solid | Lab File ID: xr121295.d

Analysis Method: 8081A | Date Collected:

Extraction Method: | Date Extracted:

Sample wt/vol: | Date Analyzed: 06/09/2011 07:04

Con. Extract Vol.: | Dilution Factor: 1

Injection Volume: | GC Column: CLP-1 ID: 0.53(mm)

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 76149 | Units: ug/L

| CAS NO. | COMPOUND NAME | RESULT | Q | RL | MDL |
|---|---|---|---|---|---|
| 319-84-6 | alpha-BHC | 0.050 | U | 0.050 | 0.010 |
| 319-85-7 | beta-BHC | 0.050 | U | 0.050 | 0.011 |
| 319-86-8 | delta-BHC | 0.050 | U | 0.050 | 0.0090 |
| 58-89-9 | gamma-BHC (Lindane) | 0.050 | U | 0.050 | 0.012 |
| 76-44-8 | Heptachlor | 0.050 | U | 0.050 | 0.010 |
| 309-00-2 | Aldrin | 0.050 | U | 0.050 | 0.010 |
| 1024-57-3 | Heptachlor epoxide | 0.050 | U | 0.050 | 0.010 |
| 959-98-8 | Endosulfan I | 0.050 | U | 0.050 | 0.0090 |
| 60-57-1 | Dieldrin | 0.050 | U | 0.050 | 0.0050 |
| 72-55-9 | 4,4'-DDE | 0.050 | U | 0.050 | 0.0090 |
| 72-20-8 | Endrin | 0.050 | U | 0.050 | 0.010 |
| 33213-65-9 | Endosulfan II | 0.050 | U | 0.050 | 0.010 |
| 72-54-8 | 4,4'-DDD | 0.050 | U | 0.050 | 0.011 |
| 1031-07-8 | Endosulfan sulfate | 0.050 | U | 0.050 | 0.016 |
| 50-29-3 | 4,4'-DDT | 0.050 | U | 0.050 | 0.010 |
| 72-43-5 | Methoxychlor | 0.050 | U | 0.050 | 0.013 |
| 53494-70-5 | Endrin ketone | 0.050 | U | 0.050 | 0.011 |
| 7421-93-4 | Endrin aldehyde | 0.050 | U | 0.050 | 0.0090 |
| 5103-71-9 | alpha-Chlordane | 0.050 | U | 0.050 | 0.0080 |
| 5103-74-2 | gamma-Chlordane | 0.050 | U | 0.050 | 0.0090 |
| 8001-35-2 | Toxaphene | 0.50 | U | 0.50 | 0.20 |

| CAS NO. | SURROGATE | %REC | Q | LIMITS |
|---|---|---|---|---|
| 2051-24-3 | DCB Decachlorobiphenyl | 141 | | 53-150 |
| 877-09-8 | Tetrachloro-m-xylene | 116 | | 40-150 |

Data File: xr121295.d
Report Date: 09-Jun-2011 08:45

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC1.i/8081T/rear/Jun11/06-09-11/09jun11a.b/xr121295.d
Lab Smp Id: SGPIBLK_00007
Inj Date : 09-JUN-2011 07:04
Operator : 462 Inst ID: PESTGC1.i
Smp Info : SGPIBLK_00007
Misc Info :
Comment :
Method : /chem1/PESTGC1.i/8081T/rear/Jun11/06-09-11/09jun11a.b/09Xr8081.m
Meth Date : 09-Jun-2011 08:44 Ex. 4 CBI Quant Type: ESTD
Cal Date : 02-JUN-2011 15:42 Cal File: xr120980.d
Als bottle: 1
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: Allpest.sub
Target Version: 3.50 Sample Matrix: WATER
Processing Host: hpd3

Concentration Formula: Amt * DF * Vt/Vo * CpndVariable

| Name | Value | Description |
|---|---|---|
| DF | 1.00000 | Dilution Factor |
| Vt | 5.00000 | Volume of final extract (mL) |
| Vo | 1000.00000 | Volume of sample extracted (mL) |

Cpnd Variable Local Compound Variable

| RT | EXP RT | DLT RT | RESPONSE | CONCENTRATIONS ON-COL ( ug/L) | FINAL ( ug/l) | TARGET RANGE | RATIO |
|---|---|---|---|---|---|---|---|
| $ 28 Tetrachloro-m-xylene | | | | | CAS #: 877-09-8 | | |
| 1.950 | 1.950 | 0.000 | 109458 | 23.2516 | 0.12 | 80.00- 120.00 | 100.00(aR) |
| $ 30 Decachlorobiphenyl | | | | | CAS #: 2051-24-3 | | |
| 9.403 | 9.403 | 0.000 | 75749 | 28.2192 | 0.14 | 80.00- 120.00 | 100.00(R) |

QC Flag Legend

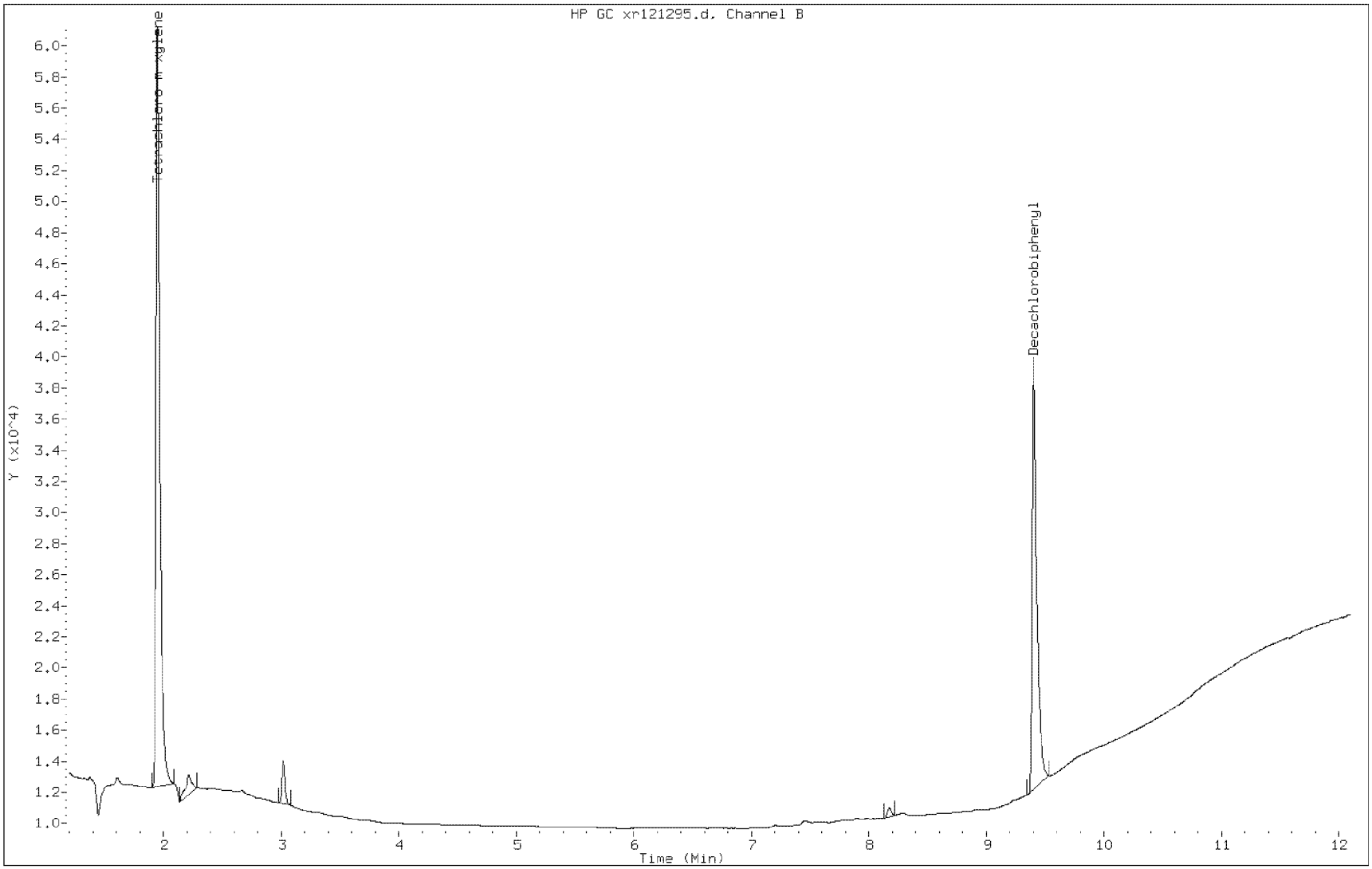
a - Target compound detected but, quantitated amount
Below Limit Of Quantitation(BLOQ).
R - Spike/Surrogate failed recovery limits.

Data File: xr121295.d

Date: 09-JUN-2011 07:04

Client ID: Instrument: PESTGC1.i

Sample Info: SGPIBLK_00007 Operator: 462



FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-27128-1
SDG No.:
Client Sample ID: | Lab Sample ID: PIBLK 460-76149/7
Matrix: Solid | Lab File ID: xf121300.d
Analysis Method: 8081A | Date Collected:
Extraction Method: | Date Extracted:
Sample wt/vol: | Date Analyzed: 06/09/2011 08:15
Con. Extract Vol.: | Dilution Factor: 1
Injection Volume: | GC Column: CLP-2 ID: 0.53(mm)
% Moisture: | GPC Cleanup:(Y/N) N
Analysis Batch No.: 76149 | Units: ug/L

| CAS NO. | COMPOUND NAME | RESULT | Q | RL | MDL |
|---|---|---|---|---|---|
| 319-84-6 | alpha-BHC | 0.050 | U | 0.050 | 0.010 |
| 319-85-7 | beta-BHC | 0.050 | U | 0.050 | 0.011 |
| 319-86-8 | delta-BHC | 0.050 | U | 0.050 | 0.0090 |
| 58-89-9 | gamma-BHC (Lindane) | 0.050 | U | 0.050 | 0.012 |
| 76-44-8 | Heptachlor | 0.050 | U | 0.050 | 0.010 |
| 309-00-2 | Aldrin | 0.050 | U | 0.050 | 0.010 |
| 1024-57-3 | Heptachlor epoxide | 0.050 | U | 0.050 | 0.010 |
| 959-98-8 | Endosulfan I | 0.050 | U | 0.050 | 0.0090 |
| 60-57-1 | Dieldrin | 0.050 | U | 0.050 | 0.0050 |
| 72-55-9 | 4,4'-DDE | 0.050 | U | 0.050 | 0.0090 |
| 72-20-8 | Endrin | 0.050 | U | 0.050 | 0.010 |
| 33213-65-9 | Endosulfan II | 0.050 | U | 0.050 | 0.010 |
| 72-54-8 | 4,4'-DDD | 0.050 | U | 0.050 | 0.011 |
| 1031-07-8 | Endosulfan sulfate | 0.050 | U | 0.050 | 0.016 |
| 50-29-3 | 4,4'-DDT | 0.050 | U | 0.050 | 0.010 |
| 72-43-5 | Methoxychlor | 0.050 | U | 0.050 | 0.013 |
| 53494-70-5 | Endrin ketone | 0.050 | U | 0.050 | 0.011 |
| 7421-93-4 | Endrin aldehyde | 0.050 | U | 0.050 | 0.0090 |
| 5103-71-9 | alpha-Chlordane | 0.050 | U | 0.050 | 0.0080 |
| 5103-74-2 | gamma-Chlordane | 0.050 | U | 0.050 | 0.0090 |
| 8001-35-2 | Toxaphene | 0.50 | U | 0.50 | 0.20 |

| CAS NO. | SURROGATE | %REC | Q | LIMITS |
|---|---|---|---|---|
| 2051-24-3 | DCB Decachlorobiphenyl | 161 | X | 53-150 |
| 877-09-8 | Tetrachloro-m-xylene | 120 | | 40-150 |

Data File: xf121300.d
Report Date: 09-Jun-2011 08:46

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC1.i/8081T/front/Jun11/06-09-11/09jun11a.b/xf121300.d
Lab Smp Id: SGPIBLK_00007
Inj Date : 09-JUN-2011 08:15
Operator : 462 Inst ID: PESTGC1.i
Smp Info : SGPIBLK_00007
Misc Info :
Comment :
Method : /chem1/PESTGC1.i/8081T/front/Jun11/06-09-11/09jun11a.b/09Xf8081.m
Meth Date : 09-Jun-2011 08:26 Ex. 4 CBI Quant Type: ESTD
Cal Date : 02-JUN-2011 15:42 Cal File: xf120980.d
Als bottle: 1
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: Allpest.sub
Target Version: 3.50 Sample Matrix: WATER
Processing Host: hpd3

Concentration Formula: Amt * DF * Vt/Vo * CpndVariable

| Name | Value | Description |
|---|---|---|
| DF | 1.00000 | Dilution Factor |
| Vt | 5.00000 | Volume of final extract (mL) |
| Vo | 1000.00000 | Volume of sample extracted (mL) |

Cpnd Variable Local Compound Variable

| RT | EXP RT | DLT RT | RESPONSE | CONCENTRATIONS ON-COL ( ug/L) | FINAL ( ug/l) | TARGET RANGE | RATIO |
|---|---|---|---|---|---|---|---|
| $ 28 Tetrachloro-m-xylene | | | | | CAS #: 877-09-8 | | |
| 2.353 | 2.353 | 0.000 | 71461 | 24.0213 | | 80.00- 120.00 | 100.00(aR) |
| $ 30 Decachlorobiphenyl | | | | | CAS #: 2051-24-3 | | |
| 10.403 | 10.400 | 0.003 | 66247 | 32.2849 | | 80.00- 120.00 | 100.00(aR) |

QC Flag Legend

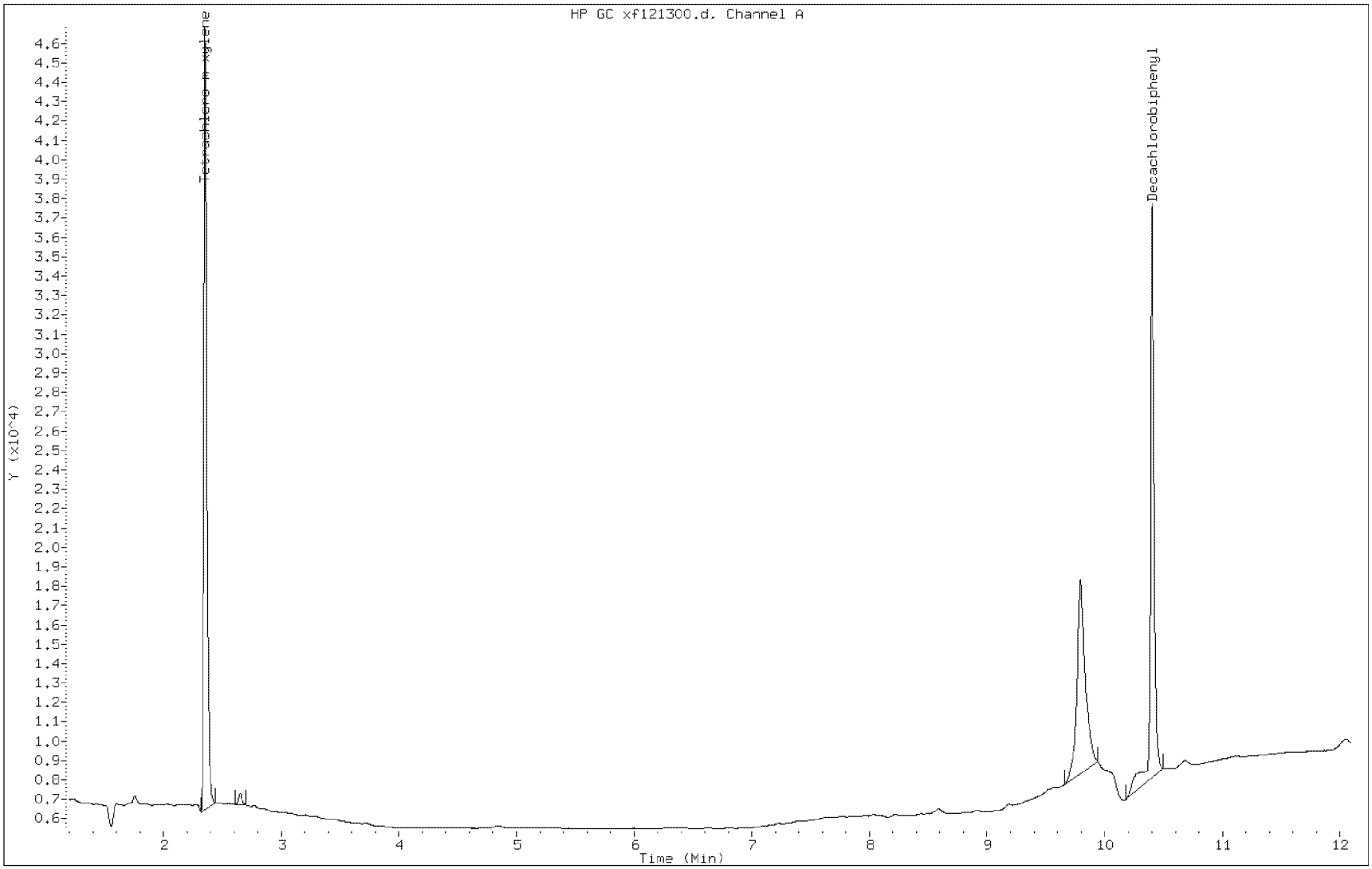
a - Target compound detected but, quantitated amount
Below Limit Of Quantitation(BLOQ).
R - Spike/Surrogate failed recovery limits.

Data File: xf121300.d

Date: 09-JUN-2011 08:15

Client ID: Instrument: PESTGC1.i

Sample Info: SGPIBLK_00007 Operator: 462



FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-27128-1

SDG No.:

Client Sample ID: | Lab Sample ID: PIBLK 460-76149/7

Matrix: Solid | Lab File ID: xr121300.d

Analysis Method: 8081A | Date Collected:

Extraction Method: | Date Extracted:

Sample wt/vol: | Date Analyzed: 06/09/2011 08:15

Con. Extract Vol.: | Dilution Factor: 1

Injection Volume: | GC Column: CLP-1 ID: 0.53(mm)

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 76149 | Units: ug/L

| CAS NO. | COMPOUND NAME | RESULT | Q | RL | MDL |
|---|---|---|---|---|---|
| 319-84-6 | alpha-BHC | 0.050 | U | 0.050 | 0.010 |
| 319-85-7 | beta-BHC | 0.050 | U | 0.050 | 0.011 |
| 319-86-8 | delta-BHC | 0.050 | U | 0.050 | 0.0090 |
| 58-89-9 | gamma-BHC (Lindane) | 0.050 | U | 0.050 | 0.012 |
| 76-44-8 | Heptachlor | 0.050 | U | 0.050 | 0.010 |
| 309-00-2 | Aldrin | 0.050 | U | 0.050 | 0.010 |
| 1024-57-3 | Heptachlor epoxide | 0.050 | U | 0.050 | 0.010 |
| 959-98-8 | Endosulfan I | 0.050 | U | 0.050 | 0.0090 |
| 60-57-1 | Dieldrin | 0.050 | U | 0.050 | 0.0050 |
| 72-55-9 | 4,4'-DDE | 0.050 | U | 0.050 | 0.0090 |
| 72-20-8 | Endrin | 0.050 | U | 0.050 | 0.010 |
| 33213-65-9 | Endosulfan II | 0.050 | U | 0.050 | 0.010 |
| 72-54-8 | 4,4'-DDD | 0.050 | U | 0.050 | 0.011 |
| 1031-07-8 | Endosulfan sulfate | 0.050 | U | 0.050 | 0.016 |
| 50-29-3 | 4,4'-DDT | 0.050 | U | 0.050 | 0.010 |
| 72-43-5 | Methoxychlor | 0.050 | U | 0.050 | 0.013 |
| 53494-70-5 | Endrin ketone | 0.050 | U | 0.050 | 0.011 |
| 7421-93-4 | Endrin aldehyde | 0.050 | U | 0.050 | 0.0090 |
| 5103-71-9 | alpha-Chlordane | 0.050 | U | 0.050 | 0.0080 |
| 5103-74-2 | gamma-Chlordane | 0.050 | U | 0.050 | 0.0090 |
| 8001-35-2 | Toxaphene | 0.50 | U | 0.50 | 0.20 |

| CAS NO. | SURROGATE | %REC | Q | LIMITS |
|---|---|---|---|---|
| 2051-24-3 | DCB Decachlorobiphenyl | 152 | X | 53-150 |
| 877-09-8 | Tetrachloro-m-xylene | 117 | | 40-150 |

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC1.i/8081T/rear/Jun11/06-09-11/09jun11a.b/xr121300.d
Lab Smp Id: SGPIBLK_00007
Inj Date : 09-JUN-2011 08:15
Operator : 462 Inst ID: PESTGC1.i
Smp Info : SGPIBLK_00007
Misc Info :
Comment :
Method : /chem1/PESTGC1.i/8081T/rear/Jun11/06-09-11/09jun11a.b/09Xr8081.m
Meth Date : 09-Jun-2011 08:45 Ex. 4 CBI Quant Type: ESTD
Cal Date : 02-JUN-2011 15:42 Cal File: xr120980.d
Als bottle: 1
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: Allpest.sub
Target Version: 3.50 Sample Matrix: WATER
Processing Host: hpd3

Concentration Formula: Amt * DF * Vt/Vo * CpndVariable

| Name | Value | Description |
|---|---|---|
| DF | 1.00000 | Dilution Factor |
| Vt | 5.00000 | Volume of final extract (mL) |
| Vo | 1000.00000 | Volume of sample extracted (mL) |

Cpnd Variable Local Compound Variable

| RT | EXP RT | DLT RT | RESPONSE | CONCENTRATIONS ON-COL ( ug/L) | CONCENTRATIONS FINAL ( ug/l) | TARGET RANGE | RATIO |
|---|---|---|---|---|---|---|---|
| $ 28 Tetrachloro-m-xylene | | | | | CAS #: 877-09-8 | | |
| 1.947 | 1.950 | -0.003 | 109793 | 23.3228 | 0.12 | 80.00- 120.00 | 100.00(aR) |
| $ 30 Decachlorobiphenyl | | | | | CAS #: 2051-24-3 | | |
| 9.403 | 9.403 | 0.000 | 81645 | 30.4159 | 0.15 | 80.00- 120.00 | 100.00(R) |

QC Flag Legend

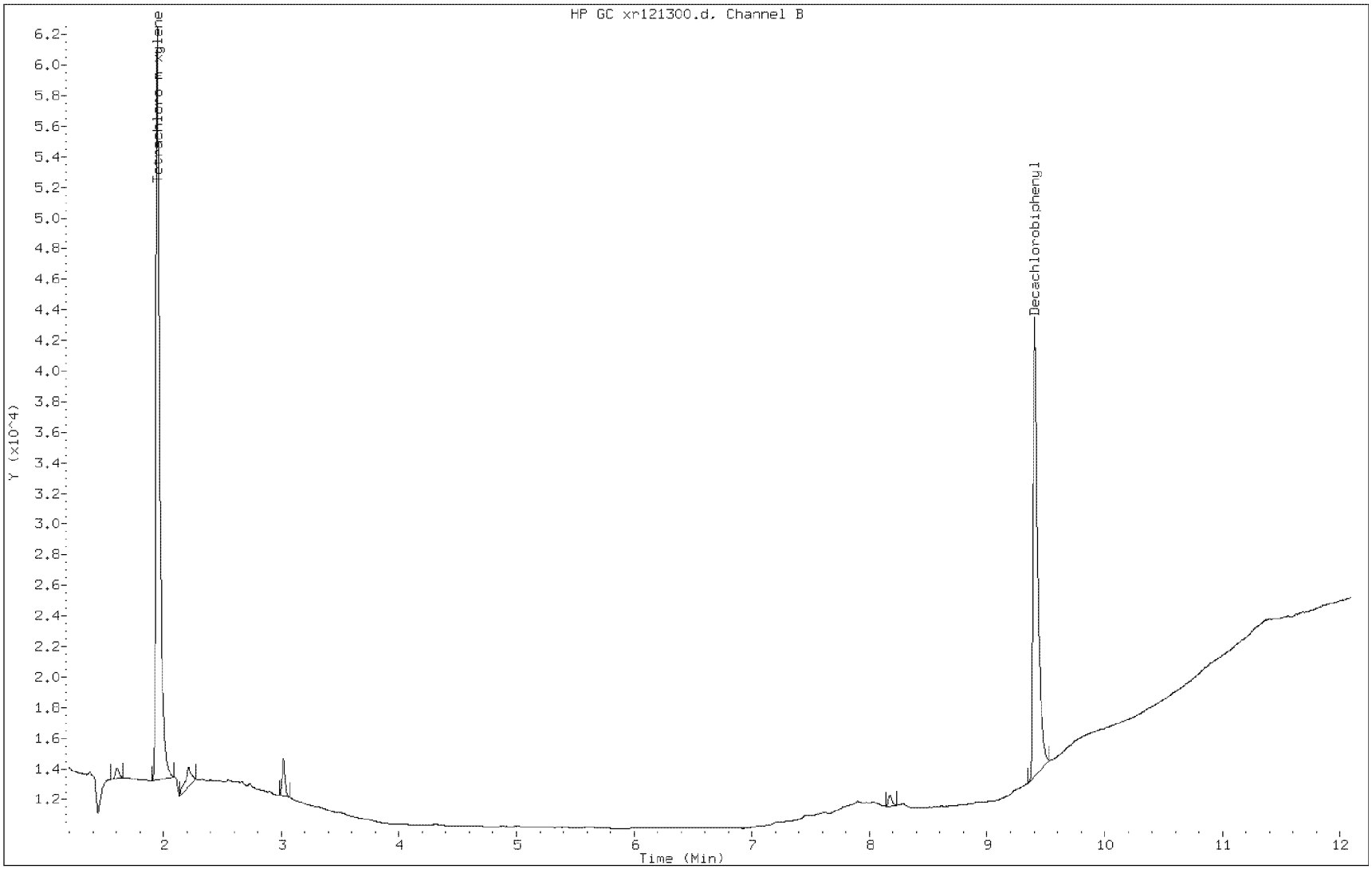
a - Target compound detected but, quantitated amount
Below Limit Of Quantitation(BLOQ).
R - Spike/Surrogate failed recovery limits.

Data File: xr121300.d

Date: 09-JUN-2011 08:15

Client ID: Instrument: PESTGC1.i

Sample Info: SGPIBLK_00007 Operator: 462



FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-27128-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCS 460-75847/2-A

Matrix: Solid | Lab File ID: xf121299.d

Analysis Method: 8081A | Date Collected:

Extraction Method: 3541 | Date Extracted: 06/07/2011 06:19

Sample wt/vol: 15.00(g) | Date Analyzed: 06/09/2011 08:00

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: | GC Column: CLP-2 ID: 0.53(mm)

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 76149 | Units: ug/Kg

| CAS NO. | COMPOUND NAME | RESULT | Q | RL | MDL |
|---|---|---|---|---|---|
| 319-84-6 | alpha-BHC | 143 | | 6.7 | 1.2 |
| *319-85-7* | *beta-BHC* | *143* | | *6.7* | *0.91* |
| 319-86-8 | delta-BHC | 148 | | 6.7 | 1.0 |
| 58-89-9 | gamma-BHC (Lindane) | 143 | | 6.7 | 0.78 |
| 76-44-8 | Heptachlor | 157 | | 6.7 | 0.96 |
| 309-00-2 | Aldrin | 156 | | 6.7 | 1.5 |
| 1024-57-3 | Heptachlor epoxide | 148 | | 6.7 | 1.4 |
| 959-98-8 | Endosulfan I | 148 | | 6.7 | 1.4 |
| *60-57-1* | *Dieldrin* | *134* | | *6.7* | *1.3* |
| 72-55-9 | 4,4'-DDE | 149 | | 6.7 | 1.3 |
| *72-20-8* | *Endrin* | *159* | | *6.7* | *0.94* |
| 33213-65-9 | Endosulfan II | 149 | | 6.7 | 1.0 |
| *72-54-8* | *4,4'-DDD* | *152* | | *6.7* | *0.80* |
| *1031-07-8* | *Endosulfan sulfate* | *146* | | *6.7* | *0.86* |
| *50-29-3* | *4,4'-DDT* | *160* | | *6.7* | *0.84* |
| *72-43-5* | *Methoxychlor* | *147* | | *6.7* | *0.75* |
| *53494-70-5* | *Endrin ketone* | *139* | | *6.7* | *0.99* |
| *7421-93-4* | *Endrin aldehyde* | *130* | | *6.7* | *1.7* |
| 5103-71-9 | alpha-Chlordane | 148 | | 6.7 | 1.4 |
| *5103-74-2* | *gamma-Chlordane* | *141* | | *6.7* | *1.4* |

| CAS NO. | SURROGATE | %REC | Q | LIMITS |
|---|---|---|---|---|
| 2051-24-3 | DCB Decachlorobiphenyl | 128 | | 53-150 |
| 877-09-8 | Tetrachloro-m-xylene | 120 | | 40-150 |

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC1.i/8081T/front/Jun11/06-09-11/09jun11a.b/xf121299.d
Lab Smp Id: LCS 460-75847/2-
Inj Date : 09-JUN-2011 08:00
Operator : 462 Inst ID: PESTGC1.i
Smp Info : LCS 460-75847/2-
Misc Info :
Comment :
Method : /chem1/PESTGC1.i/8081T/front/Jun11/06-09-11/09jun11a.b/09Xf8081.m
Meth Date : 09-Jun-2011 08:26 Ex. 4 CBI Quant Type: ESTD
Cal Date : 02-JUN-2011 15:42 Cal File: xf120980.d
Als bottle: 1 QC Sample: BS
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: SCpestRANGE.sub
Target Version: 3.50 Sample Matrix: WATER
Processing Host: hpd3

Concentration Formula: Amt * DF * Vt/Vo * CpndVariable

| Name | Value | Description |
|---|---|---|
| DF | 1.00000 | Dilution Factor |
| Vt | 5.00000 | Volume of final extract (mL) |
| Vo | 1000.00000 | Volume of sample extracted (mL) |

Cpnd Variable Local Compound Variable

| RT | EXP RT | DLT RT | RESPONSE | CONCENTRATIONS ON-COL ( ug/L) | CONCENTRATIONS FINAL ( ug/l) | TARGET RANGE | RATIO |
|---|---|---|---|---|---|---|---|
| $ 28 Tetrachloro-m-xylene(surr) | | | | | CAS #: 877-09-8 | | |
| 2.353 | 2.353 | 0.000 | 178072 | 59.8576 | | 80.00- 120.00 | 100.00(aR) |
| 2 alpha-BHC | | | | | CAS #: 319-84-6 | | |
| 2.857 | 2.853 | 0.004 | 897671 | 215.117 | | 80.00- 120.00 | 100.00(aR) |
| 5 gamma-BHC (Lindane) | | | | | CAS #: 58-89-9 | | |
| 3.217 | 3.213 | 0.004 | 826565 | 213.928 | | 80.00- 120.00 | 100.00(aR) |
| 3 beta-BHC | | | | | CAS #: 319-85-7 | | |
| 3.310 | 3.303 | 0.007 | 402260 | 215.208 | | 80.00- 120.00 | 100.00(aR) |
| 4 delta-BHC | | | | | CAS #: 319-86-8 | | |
| 3.747 | 3.740 | 0.007 | 911436 | 221.519 | | 80.00- 120.00 | 100.00(aR) |

| RT | EXP RT | DLT RT | RESPONSE | CONCENTRATIONS ON-COL ( ug/L) | CONCENTRATIONS FINAL ( ug/l) | TARGET RANGE | RATIO |
|---|---|---|---|---|---|---|---|
| 17 Heptachlor | | | | | CAS #: 76-44-8 | | |
| 3.903 | 3.893 | 0.010 | 985016 | 234.873 | | 80.00- 120.00 | 100.00(aR) |
| 1 Aldrin | | | | | CAS #: 309-00-2 | | |
| 4.757 | 4.740 | 0.017 | 969224 | 233.958 | | 80.00- 120.00 | 100.00(aR) |
| 18 Heptachlor epoxide | | | | | CAS #: 1024-57-3 | | |
| 6.313 | 6.300 | 0.013 | 880796 | 221.593 | | 80.00- 120.00 | 100.00(aR) |
| 65 gamma-Chlordane | | | | | CAS #: 5103-74-2 | | |
| 6.793 | 6.780 | 0.013 | 882884 | 211.774 | | 80.00- 120.00 | 100.00(aR) |
| 66 alpha-Chlordane | | | | | CAS #: 5103-71-9 | | |
| 7.120 | 7.110 | 0.010 | 809499 | 221.645 | | 80.00- 120.00 | 100.00(aR) |
| 11 Endosulfan I | | | | | CAS #: 959-98-8 | | |
| 7.230 | 7.223 | 0.007 | 744090 | 221.749 | | 80.00- 120.00 | 100.00(aR) |
| 8 4,4'-DDE | | | | | CAS #: 72-55-9 | | |
| 7.380 | 7.370 | 0.010 | 711452 | 224.110 | | 80.00- 120.00 | 100.00(aR) |
| 10 Dieldrin | | | | | CAS #: 60-57-1 | | |
| 7.620 | 7.613 | 0.007 | 663800 | 201.685 | | 80.00- 120.00 | 100.00(aR) |
| 14 Endrin | | | | | CAS #: 72-20-8 | | |
| 7.977 | 7.970 | 0.007 | 659303 | 237.868 | | 80.00- 120.00 | 100.00(aR) |
| 7 4,4'-DDD | | | | | CAS #: 72-54-8 | | |
| 8.077 | 8.070 | 0.007 | 592420 | 227.904 | | 80.00- 120.00 | 100.00(aR) |
| 12 Endosulfan II | | | | | CAS #: 33213-65-9 | | |
| 8.217 | 8.210 | 0.007 | 630741 | 223.506 | | 80.00- 120.00 | 100.00(aR) |
| 9 4,4'-DDT | | | | | CAS #: 50-29-3 | | |
| 8.440 | 8.437 | 0.003 | 592758 | 239.875 | | 80.00- 120.00 | 100.00(aR) |
| 15 Endrin aldehyde | | | | | CAS #: 7421-93-4 | | |
| 8.607 | 8.600 | 0.007 | 452058 | 195.657 | | 80.00- 120.00 | 100.00(aR) |
| 13 Endosulfan sulfate | | | | | CAS #: 1031-07-8 | | |
| 8.933 | 8.927 | 0.006 | 560041 | 219.515 | | 80.00- 120.00 | 100.00(aR) |
| 19 Methoxychlor | | | | | CAS #: 72-43-5 | | |
| 9.227 | 9.223 | 0.004 | 296566 | 220.331 | | 80.00- 120.00 | 100.00(aR) |
| 16 Endrin ketone | | | | | CAS #: 53494-70-5 | | |
| 9.493 | 9.490 | 0.003 | 584924 | 208.726 | | 80.00- 120.00 | 100.00(aR) |

| RT | EXP RT | DLT RT | RESPONSE | CONCENTRATIONS ON-COL ( ug/L) | CONCENTRATIONS FINAL ( ug/l) | TARGET RANGE | RATIO |
|---|---|---|---|---|---|---|---|
| $ 30 Decachlorobiphenyl(surr) | | | | | CAS #: 2051-24-3 | | |
| 10.403 | 10.400 | 0.003 | 131593 | 64.1307 | | 80.00- 120.00 | 100.00(aR) |

QC Flag Legend

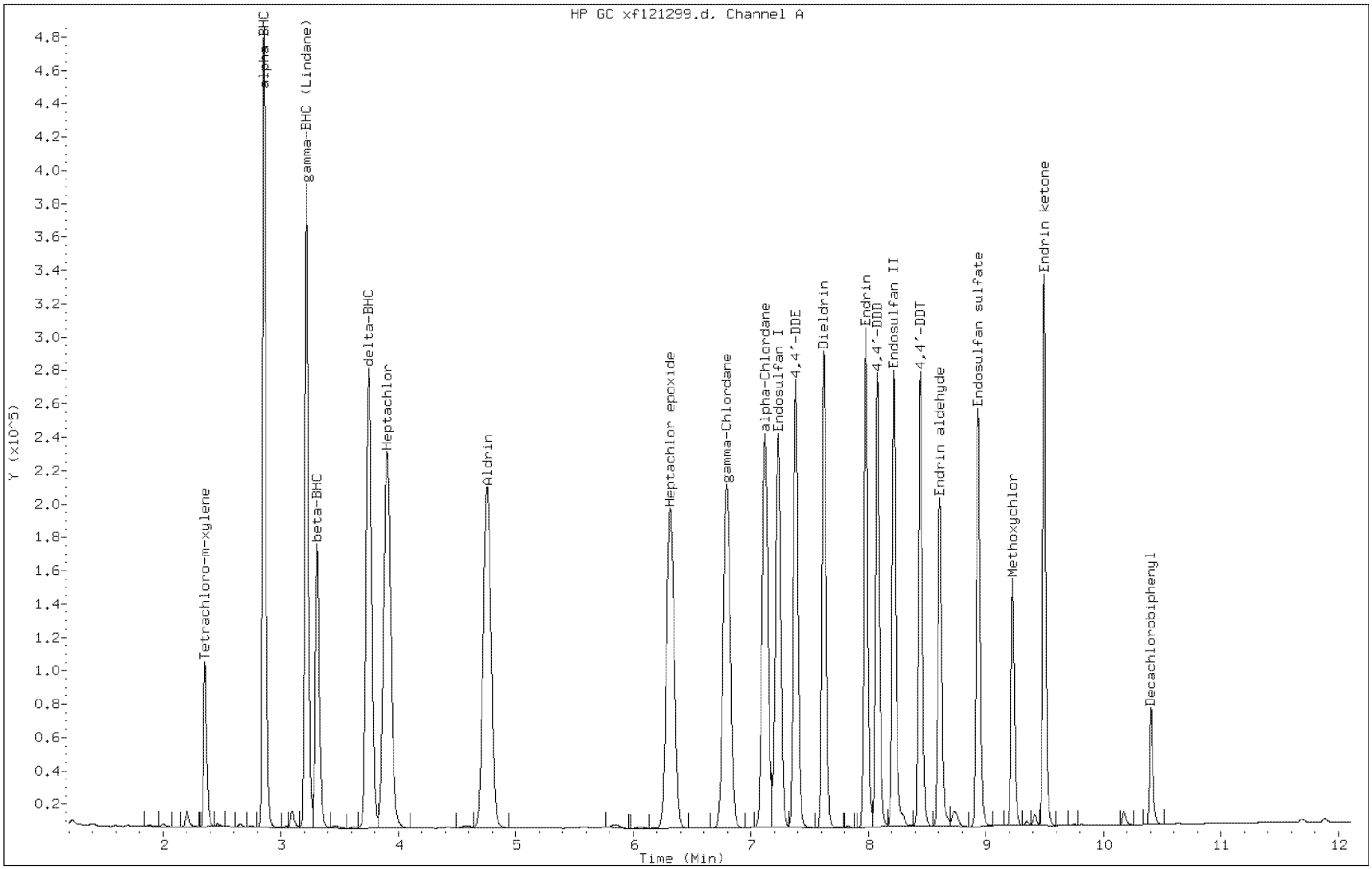
a - Target compound detected but, quantitated amount
    Below Limit Of Quantitation(BLOQ).
R - Spike/Surrogate failed recovery limits.

Data File: xf121299.d

Date: 09-JUN-2011 08:00

Client ID: Instrument: PESTGC1.i

Sample Info: LCS 460-75847/2- Operator: 462



FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-27128-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCS 460-75847/2-A

Matrix: Solid | Lab File ID: xr121299.d

Analysis Method: 8081A | Date Collected:

Extraction Method: 3541 | Date Extracted: 06/07/2011 06:19

Sample wt/vol: 15.00(g) | Date Analyzed: 06/09/2011 08:00

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: | GC Column: CLP-1 ID: 0.53(mm)

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 76149 | Units: ug/Kg

| CAS NO. | COMPOUND NAME | RESULT | Q | RL | MDL |
|---|---|---|---|---|---|
| *319-84-6* | *alpha-BHC* | *132* | | *6.7* | *1.2* |
| 319-85-7 | beta-BHC | 145 | | 6.7 | 0.91 |
| *319-86-8* | *delta-BHC* | *137* | | *6.7* | *1.0* |
| *58-89-9* | *gamma-BHC (Lindane)* | *137* | | *6.7* | *0.78* |
| *76-44-8* | *Heptachlor* | *141* | | *6.7* | *0.96* |
| *309-00-2* | *Aldrin* | *119* | | *6.7* | *1.5* |
| *1024-57-3* | *Heptachlor epoxide* | *140* | | *6.7* | *1.4* |
| *959-98-8* | *Endosulfan I* | *142* | | *6.7* | *1.4* |
| 60-57-1 | Dieldrin | 139 | | 6.7 | 1.3 |
| *72-55-9* | *4,4'-DDE* | *148* | | *6.7* | *1.3* |
| 72-20-8 | Endrin | 162 | | 6.7 | 0.94 |
| *33213-65-9* | *Endosulfan II* | *145* | | *6.7* | *1.0* |
| 72-54-8 | 4,4'-DDD | 161 | | 6.7 | 0.80 |
| 1031-07-8 | Endosulfan sulfate | 150 | | 6.7 | 0.86 |
| 50-29-3 | 4,4'-DDT | 172 | | 6.7 | 0.84 |
| 72-43-5 | Methoxychlor | 158 | | 6.7 | 0.75 |
| 53494-70-5 | Endrin ketone | 144 | | 6.7 | 0.99 |
| 7421-93-4 | Endrin aldehyde | 136 | | 6.7 | 1.7 |
| *5103-71-9* | *alpha-Chlordane* | *139* | | *6.7* | *1.4* |
| 5103-74-2 | gamma-Chlordane | 142 | | 6.7 | 1.4 |

| CAS NO. | SURROGATE | %REC | Q | LIMITS |
|---|---|---|---|---|
| 2051-24-3 | DCB Decachlorobiphenyl | 135 | | 53-150 |
| 877-09-8 | Tetrachloro-m-xylene | 117 | | 40-150 |

Data File: xr121299.d
Report Date: 09-Jun-2011 08:45

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC1.i/8081T/rear/Jun11/06-09-11/09jun11a.b/xr121299.d
Lab Smp Id: LCS 460-75847/2-
Inj Date : 09-JUN-2011 08:00
Operator : 462 Inst ID: PESTGC1.i
Smp Info : LCS 460-75847/2-
Misc Info :
Comment :
Method : /chem1/PESTGC1.i/8081T/rear/Jun11/06-09-11/09jun11a.b/09Xr8081.m
Meth Date : 09-Jun-2011 08:45 Ex. 4 CBI Quant Type: ESTD
Cal Date : 02-JUN-2011 15:42 Cal File: xr120980.d
Als bottle: 1 QC Sample: BS
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: SCpestRANGE.sub
Target Version: 3.50 Sample Matrix: WATER
Processing Host: hpd3

Concentration Formula: Amt * DF * Vt/Vo * CpndVariable

| Name | Value | Description |
|---|---|---|
| DF | 1.00000 | Dilution Factor |
| Vt | 5.00000 | Volume of final extract (mL) |
| Vo | 1000.00000 | Volume of sample extracted (mL) |

Cpnd Variable Local Compound Variable

| RT | EXP RT | DLT RT | RESPONSE | CONCENTRATIONS ON-COL ( ug/L) | FINAL ( ug/l) | TARGET RANGE | RATIO |
|---|---|---|---|---|---|---|---|
| $ 28 Tetrachloro-m-xylene(surr) | | | | | CAS #: 877-09-8 | | |
| 1.940 | 1.947 | -0.007 | 274598 | 58.3315 | 0.29 | 80.00- 120.00 | 100.00(R) |
| 2 alpha-BHC | | | | | CAS #: 319-84-6 | | |
| 2.320 | 2.330 | -0.010 | 1263683 | 198.208 | 0.99 | 80.00- 120.00 | 100.00(R) |
| 5 gamma-BHC (Lindane) | | | | | CAS #: 58-89-9 | | |
| 2.540 | 2.550 | -0.010 | 1069789 | 205.431 | 1.0 | 80.00- 120.00 | 100.00(R) |
| 3 beta-BHC | | | | | CAS #: 319-85-7 | | |
| 2.600 | 2.607 | -0.007 | 669772 | 218.212 | 1.1 | 80.00- 120.00 | 100.00(R) |
| 4 delta-BHC | | | | | CAS #: 319-86-8 | | |
| 2.730 | 2.737 | -0.007 | 1144393 | 205.290 | 1.0 | 80.00- 120.00 | 100.00(R) |

Data File: xr121299.d
Report Date: 09-Jun-2011 08:45

| RT | EXP RT | DLT RT | RESPONSE | CONCENTRATIONS ON-COL ( ug/L) | FINAL ( ug/l) | TARGET RANGE | RATIO |
|---|---|---|---|---|---|---|---|
| 17 Heptachlor | | | | | CAS #: 76-44-8 | | |
| 2.900 | 2.907 | -0.007 | 1102412 | 211.162 | 1.0 | 80.00- 120.00 | 100.00(R) |
| 1 Aldrin | | | | | CAS #: 309-00-2 | | |
| 3.170 | 3.173 | -0.003 | 898639 | 178.781 | 0.89 | 80.00- 120.00 | 100.00(R) |
| 18 Heptachlor epoxide | | | | | CAS #: 1024-57-3 | | |
| 4.053 | 4.057 | -0.004 | 1107535 | 209.533 | 1.0 | 80.00- 120.00 | 100.00(R) |
| 65 gamma-Chlordane | | | | | CAS #: 5103-74-2 | | |
| 4.353 | 4.357 | -0.004 | 1121093 | 213.037 | 1.1 | 80.00- 120.00 | 100.00 |
| 66 alpha-Chlordane | | | | | CAS #: 5103-71-9 | | |
| 4.673 | 4.680 | -0.007 | 1030751 | 209.175 | 1.0 | 80.00- 120.00 | 100.00 |
| 8 4,4'-DDE | | | | | CAS #: 72-55-9 | | |
| 4.893 | 4.897 | -0.004 | 940260 | 222.621 | 1.1 | 80.00- 120.00 | 100.00(R) |
| 11 Endosulfan I | | | | | CAS #: 959-98-8 | | |
| 5.000 | 5.000 | 0.000 | 1081087 | 213.517 | 1.1 | 80.00- 120.00 | 100.00(R) |
| 10 Dieldrin | | | | | CAS #: 60-57-1 | | |
| 5.613 | 5.617 | -0.004 | 1023242 | 208.202 | 1.0 | 80.00- 120.00 | 100.00(R) |
| 14 Endrin | | | | | CAS #: 72-20-8 | | |
| 6.210 | 6.213 | -0.003 | 1015806 | 242.522 | 1.2 | 80.00- 120.00 | 100.00(R) |
| 7 4,4'-DDD | | | | | CAS #: 72-54-8 | | |
| 6.410 | 6.410 | 0.000 | 901382 | 240.778 | 1.2 | 80.00- 120.00 | 100.00(R) |
| 12 Endosulfan II | | | | | CAS #: 33213-65-9 | | |
| 6.740 | 6.743 | -0.003 | 960171 | 217.611 | 1.1 | 80.00- 120.00 | 100.00(R) |
| 9 4,4'-DDT | | | | | CAS #: 50-29-3 | | |
| 7.050 | 7.053 | -0.003 | 887864 | 257.880 | 1.3 | 80.00- 120.00 | 100.00 |
| 15 Endrin aldehyde | | | | | CAS #: 7421-93-4 | | |
| 7.483 | 7.483 | 0.000 | 634567 | 203.270 | 1.0 | 80.00- 120.00 | 100.00(R) |
| 19 Methoxychlor | | | | | CAS #: 72-43-5 | | |
| 7.733 | 7.733 | 0.000 | 436652 | 237.045 | 1.2 | 80.00- 120.00 | 100.00 |
| 13 Endosulfan sulfate | | | | | CAS #: 1031-07-8 | | |
| 7.973 | 7.973 | 0.000 | 729063 | 225.621 | 1.1 | 80.00- 120.00 | 100.00 |
| 16 Endrin ketone | | | | | CAS #: 53494-70-5 | | |
| 8.283 | 8.283 | 0.000 | 849951 | 216.661 | 1.1 | 80.00- 120.00 | 100.00(R) |

Data File: xr121299.d
Report Date: 09-Jun-2011 08:45

| RT | EXP RT | DLT RT | RESPONSE | CONCENTRATIONS ON-COL ( ug/L) | CONCENTRATIONS FINAL ( ug/l) | TARGET RANGE | RATIO |
|---|---|---|---|---|---|---|---|
| $ 30 Decachlorobiphenyl(surr) | | | | | CAS #: 2051-24-3 | | |
| 9.403 | 9.403 | 0.000 | 181360 | 67.5630 | 0.34 | 80.00- 120.00 | 100.00 |

QC Flag Legend

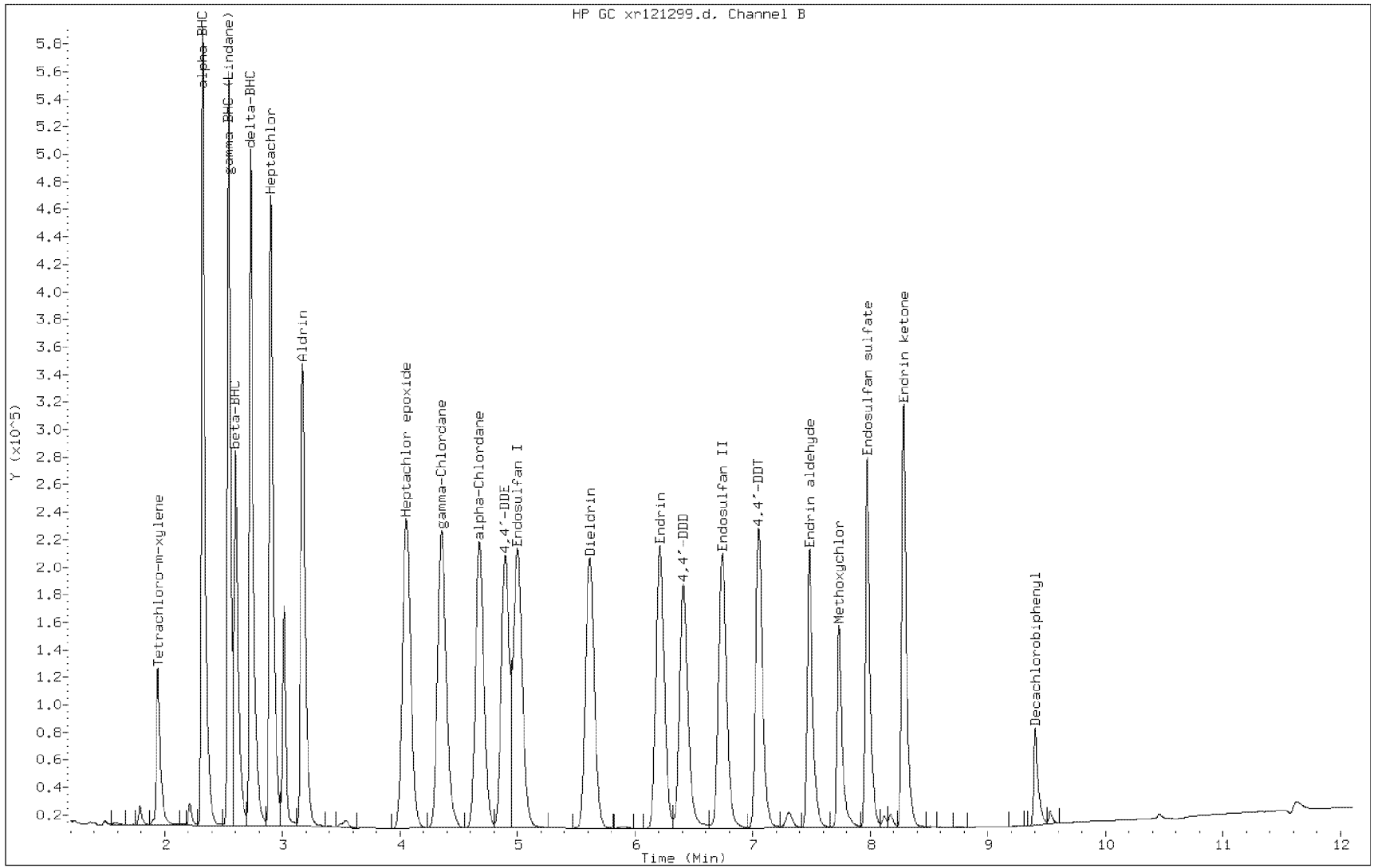
R - Spike/Surrogate failed recovery limits.

Data File: xr121299.d

Date: 09-JUN-2011 08:00

Client ID: Instrument: PESTGC1.i

Sample Info: LCS 460-75847/2- Operator: 462



FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-27128-1

SDG No.:

Client Sample ID: | Lab Sample ID: 460-27126-A-1-J MS

Matrix: Solid | Lab File ID: xf121253.d

Analysis Method: 8081A | Date Collected: 05/24/2011 09:25

Extraction Method: 3541 | Date Extracted: 06/07/2011 06:19

Sample wt/vol: 15.04(g) | Date Analyzed: 06/08/2011 12:21

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: CLP-2 ID: 0.53(mm)

% Moisture: 8.4 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 76138 | Units: ug/Kg

| CAS NO. | COMPOUND NAME | RESULT | Q | RL | MDL |
|---|---|---|---|---|---|
| 319-84-6 | alpha-BHC | 163 | | 7.3 | 1.3 |
| 319-85-7 | beta-BHC | 165 | | 7.3 | 0.99 |
| 319-86-8 | delta-BHC | 169 | | 7.3 | 1.1 |
| 58-89-9 | gamma-BHC (Lindane) | 164 | | 7.3 | 0.85 |
| 76-44-8 | Heptachlor | 177 | | 7.3 | 1.0 |
| 309-00-2 | Aldrin | 176 | | 7.3 | 1.6 |
| 1024-57-3 | Heptachlor epoxide | 165 | | 7.3 | 1.5 |
| 959-98-8 | Endosulfan I | 170 | | 7.3 | 1.5 |
| 60-57-1 | Dieldrin | 154 | | 7.3 | 1.4 |
| 72-55-9 | 4,4'-DDE | 182 | | 7.3 | 1.4 |
| 72-20-8 | Endrin | 174 | | 7.3 | 1.0 |
| 33213-65-9 | Endosulfan II | 169 | | 7.3 | 1.1 |
| 72-54-8 | 4,4'-DDD | 179 | | 7.3 | 0.87 |
| 1031-07-8 | Endosulfan sulfate | 137 | | 7.3 | 0.94 |
| 50-29-3 | 4,4'-DDT | 172 | | 7.3 | 0.91 |
| 72-43-5 | Methoxychlor | 153 | | 7.3 | 0.82 |
| 53494-70-5 | Endrin ketone | 158 | | 7.3 | 1.1 |
| 7421-93-4 | Endrin aldehyde | 91.9 | | 7.3 | 1.8 |
| 5103-71-9 | alpha-Chlordane | 168 | | 7.3 | 1.5 |
| 5103-74-2 | gamma-Chlordane | 160 | | 7.3 | 1.5 |
| 8001-35-2 | Toxaphene | 73 | U | 73 | 15 |

| CAS NO. | SURROGATE | %REC | Q | LIMITS |
|---|---|---|---|---|
| 2051-24-3 | DCB Decachlorobiphenyl | 136 | | 53-150 |
| 877-09-8 | Tetrachloro-m-xylene | 129 | | 40-150 |

Data File: xf121253.d
Report Date: 09-Jun-2011 07:16

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC1.i/8081T/front/Jun11/06-08-11/08jun11b.b/xf121253.d
Lab Smp Id: 460-27126-A-1-J
Inj Date : 08-JUN-2011 12:21
Operator : 462 Inst ID: PESTGC1.i
Smp Info : 460-27126-A-1-J
Misc Info :
Comment :
Method : /chem1/PESTGC1.i/8081T/front/Jun11/06-08-11/08jun11b.b/09Xf8081.m
Meth Date : 09-Jun-2011 07:06 Ex. 4 CBI Quant Type: ESTD
Cal Date : 02-JUN-2011 15:42 Cal File: xf120980.d
Als bottle: 1 QC Sample: MS
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: Allpest.sub
Target Version: 3.50 Sample Matrix: SOIL
Processing Host: hpd3

Concentration Formula: Amt * DF * Vt/(Ws*(100-M)/100) * CpndVariable

| Name | Value | Description |
|---|---|---|
| DF | 1.00000 | Dilution Factor |
| Vt | 10.00000 | Volume of final extract (uL)(1000 low, 2 |
| Ws | 15.00000 | Weight of sample extracted (g) |
| M | 0.00000 | % Moisture |

Cpnd Variable Local Compound Variable

| RT | EXP RT | DLT RT | RESPONSE | CONCENTRATIONS ON-COL ( ug/L) | FINAL (ug/kg) | TARGET RANGE | RATIO |
|---|---|---|---|---|---|---|---|
| $ 28 Tetrachloro-m-xylene | | | | | CAS #: 877-09-8 | | |
| 2.357 | 2.357 | 0.000 | 192595 | 64.7395 | | 80.00- 120.00 | 100.00(aR) |
| 2 alpha-BHC | | | | | CAS #: 319-84-6 | | |
| 2.857 | 2.857 | 0.000 | 935713 | 224.233 | | 80.00- 120.00 | 100.00(aR) |
| 5 gamma-BHC (Lindane) | | | | | CAS #: 58-89-9 | | |
| 3.213 | 3.213 | 0.000 | 872491 | 225.814 | | 80.00- 120.00 | 100.00(aR) |
| 3 beta-BHC | | | | | CAS #: 319-85-7 | | |
| 3.307 | 3.307 | 0.000 | 423972 | 226.824 | | 80.00- 120.00 | 100.00(aR) |
| 4 delta-BHC | | | | | CAS #: 319-86-8 | | |
| 3.740 | 3.743 | -0.003 | 956751 | 232.532 | | 80.00- 120.00 | 100.00(aR) |

Data File: xf121253.d
Report Date: 09-Jun-2011 07:16

| RT | EXP RT | DLT RT | RESPONSE | CONCENTRATIONS ON-COL ( ug/L) | FINAL (ug/kg) | TARGET RANGE | RATIO |
|---|---|---|---|---|---|---|---|
| 17 Heptachlor | | | | | CAS #: 76-44-8 | | |
| 3.897 | 3.897 | 0.000 | 1020487 | 243.331 | | 80.00- 120.00 | 100.00(aR) |
| 1 Aldrin | | | | | CAS #: 309-00-2 | | |
| 4.747 | 4.747 | 0.000 | 1004899 | 242.570 | | 80.00- 120.00 | 100.00(aR) |
| 18 Heptachlor epoxide | | | | | CAS #: 1024-57-3 | | |
| 6.297 | 6.297 | 0.000 | 904999 | 227.683 | | 80.00- 120.00 | 100.00(aR) |
| 65 gamma-Chlordane | | | | | CAS #: 5103-74-2 | | |
| 6.780 | 6.780 | 0.000 | 920884 | 220.889 | | 80.00- 120.00 | 100.00(aR) |
| 66 alpha-Chlordane | | | | | CAS #: 5103-71-9 | | |
| 7.107 | 7.110 | -0.003 | 845452 | 231.489 | | 80.00- 120.00 | 100.00(aR) |
| 8 4,4'-DDE | | | | | CAS #: 72-55-9 | | |
| 7.370 | 7.370 | 0.000 | 796768 | 250.985 | | 80.00- 120.00 | 100.00(aR) |
| 11 Endosulfan I | | | | | CAS #: 959-98-8 | | |
| 7.220 | 7.223 | -0.003 | 783813 | 233.587 | | 80.00- 120.00 | 100.00(aR) |
| 10 Dieldrin | | | | | CAS #: 60-57-1 | | |
| 7.613 | 7.613 | 0.000 | 698926 | 212.357 | | 80.00- 120.00 | 100.00(aR) |
| 14 Endrin | | | | | CAS #: 72-20-8 | | |
| 7.970 | 7.970 | 0.000 | 666224 | 240.366 | | 80.00- 120.00 | 100.00(aR) |
| 7 4,4'-DDD | | | | | CAS #: 72-54-8 | | |
| 8.070 | 8.070 | 0.000 | 639924 | 246.179 | | 80.00- 120.00 | 100.00(aR) |
| 12 Endosulfan II | | | | | CAS #: 33213-65-9 | | |
| 8.210 | 8.210 | 0.000 | 655768 | 232.375 | | 80.00- 120.00 | 100.00(aR) |
| 9 4,4'-DDT | | | | | CAS #: 50-29-3 | | |
| 8.433 | 8.437 | -0.004 | 584916 | 236.702 | | 80.00- 120.00 | 100.00(aR) |
| 15 Endrin aldehyde | | | | | CAS #: 7421-93-4 | | |
| 8.600 | 8.600 | 0.000 | 292560 | 126.625 | | 80.00- 120.00 | 100.00(aR) |
| 19 Methoxychlor | | | | | CAS #: 72-43-5 | | |
| 9.220 | 9.223 | -0.003 | 282898 | 210.177 | | 80.00- 120.00 | 100.00(aR) |
| 13 Endosulfan sulfate | | | | | CAS #: 1031-07-8 | | |
| 8.927 | 8.927 | 0.000 | 483110 | 189.361 | | 80.00- 120.00 | 100.00(aR) |
| 16 Endrin ketone | | | | | CAS #: 53494-70-5 | | |
| 9.490 | 9.490 | 0.000 | 609306 | 217.426 | | 80.00- 120.00 | 100.00(aR) |

Data File: xf121253.d
Report Date: 09-Jun-2011 07:16

| RT | EXP RT | DLT RT | RESPONSE | CONCENTRATIONS ON-COL ( ug/L) | CONCENTRATIONS FINAL (ug/kg) | TARGET RANGE | RATIO |
|---|---|---|---|---|---|---|---|
| $ 30 Decachlorobiphenyl | | | | | CAS #: 2051-24-3 | | |
| 10.400 | 10.400 | 0.000 | 139895 | 68.1770 | | 80.00- 120.00 | 100.00(aR) |

QC Flag Legend

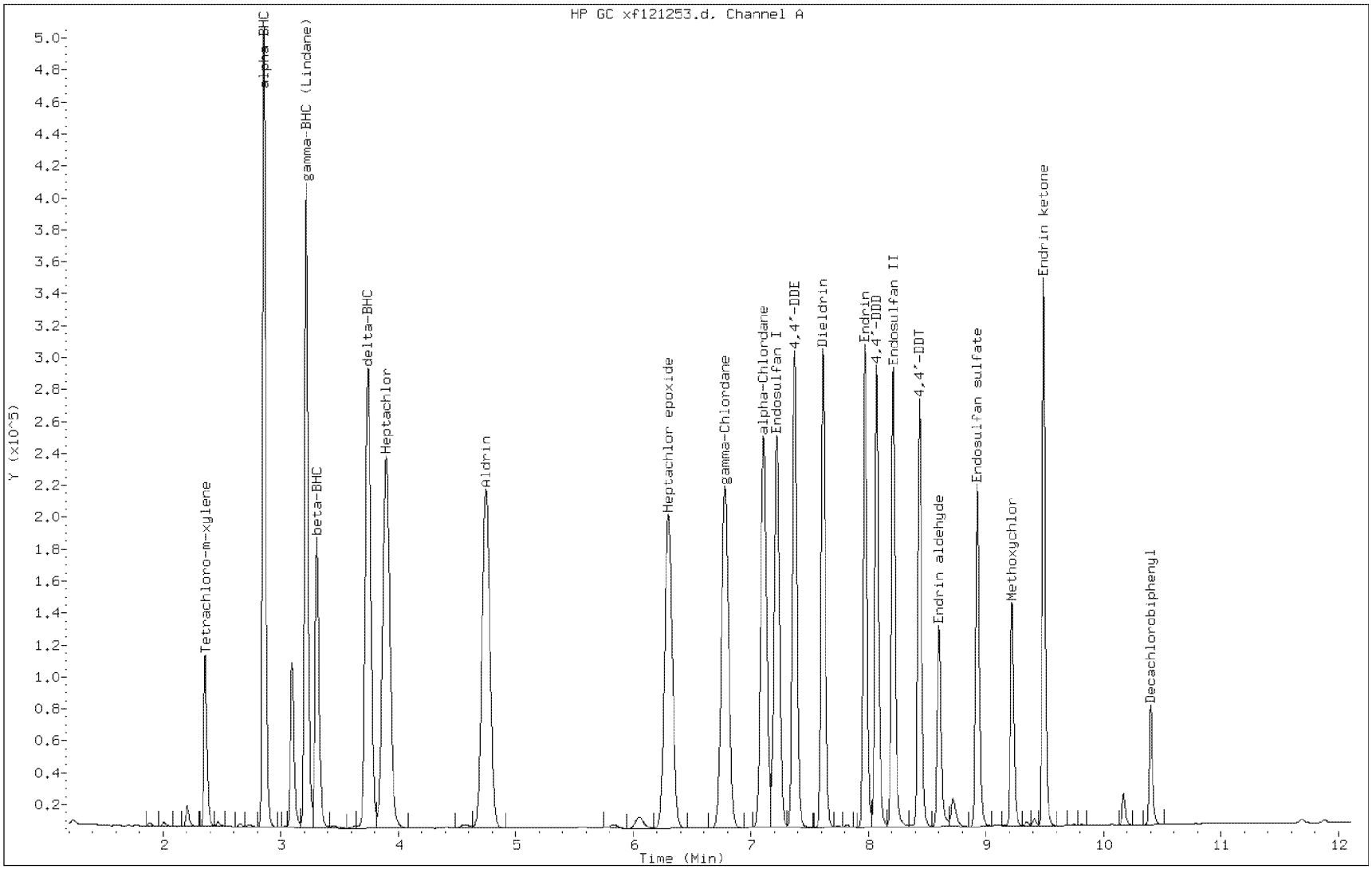
a - Target compound detected but, quantitated amount
    Below Limit Of Quantitation(BLOQ).
R - Spike/Surrogate failed recovery limits.

Data File: xf121253.d

Date: 08-JUN-2011 12:21

Client ID: Instrument: PESTGC1.i

Sample Info: 460-27126-A-1-J Operator: 462



FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-27128-1

SDG No.:

Client Sample ID: | Lab Sample ID: 460-27126-A-1-J MS

Matrix: Solid | Lab File ID: xr121253.d

Analysis Method: 8081A | Date Collected: 05/24/2011 09:25

Extraction Method: 3541 | Date Extracted: 06/07/2011 06:19

Sample wt/vol: 15.04(g) | Date Analyzed: 06/08/2011 12:21

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: CLP-1 ID: 0.53(mm)

% Moisture: 8.4 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 76138 | Units: ug/Kg

| CAS NO. | COMPOUND NAME | RESULT | Q | RL | MDL |
|---|---|---|---|---|---|
| 319-84-6 | alpha-BHC | 154 | | 7.3 | 1.3 |
| 319-85-7 | beta-BHC | 233 | | 7.3 | 0.99 |
| 319-86-8 | delta-BHC | 155 | | 7.3 | 1.1 |
| 58-89-9 | gamma-BHC (Lindane) | 157 | | 7.3 | 0.85 |
| 76-44-8 | Heptachlor | 164 | | 7.3 | 1.0 |
| 309-00-2 | Aldrin | 148 | | 7.3 | 1.6 |
| 1024-57-3 | Heptachlor epoxide | 165 | | 7.3 | 1.5 |
| 959-98-8 | Endosulfan I | 169 | | 7.3 | 1.5 |
| 60-57-1 | Dieldrin | 162 | | 7.3 | 1.4 |
| 72-55-9 | 4,4'-DDE | 174 | | 7.3 | 1.4 |
| 72-20-8 | Endrin | 187 | | 7.3 | 1.0 |
| 33213-65-9 | Endosulfan II | 169 | | 7.3 | 1.1 |
| 72-54-8 | 4,4'-DDD | 191 | | 7.3 | 0.87 |
| 1031-07-8 | Endosulfan sulfate | 146 | | 7.3 | 0.94 |
| 50-29-3 | 4,4'-DDT | 187 | | 7.3 | 0.91 |
| 72-43-5 | Methoxychlor | 169 | | 7.3 | 0.82 |
| 53494-70-5 | Endrin ketone | 167 | | 7.3 | 1.1 |
| 7421-93-4 | Endrin aldehyde | 97.9 | | 7.3 | 1.8 |
| 5103-71-9 | alpha-Chlordane | 170 | | 7.3 | 1.5 |
| 5103-74-2 | gamma-Chlordane | 178 | | 7.3 | 1.5 |
| 8001-35-2 | Toxaphene | 73 | U | 73 | 15 |

| CAS NO. | SURROGATE | %REC | Q | LIMITS |
|---|---|---|---|---|
| 2051-24-3 | DCB Decachlorobiphenyl | 147 | | 53-150 |
| 877-09-8 | Tetrachloro-m-xylene | 132 | | 40-150 |

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC1.i/8081T/rear/Jun11/06-08-11/08jun11b.b/xr121253.d
Lab Smp Id: 460-27126-A-1-J
Inj Date : 08-JUN-2011 12:21
Operator : 462 Inst ID: PESTGC1.i
Smp Info : 460-27126-A-1-J
Misc Info :
Comment :
Method : /chem1/PESTGC1.i/8081T/rear/Jun11/06-08-11/08jun11b.b/09Xr8081.m
Meth Date : 09-Jun-2011 07:02 Ex. 4 CBI Quant Type: ESTD
Cal Date : 02-JUN-2011 15:42 Cal File: xr120980.d
Als bottle: 1 QC Sample: MS
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: Allpest.sub
Target Version: 3.50 Sample Matrix: SOIL
Processing Host: hpd3

Concentration Formula: Amt * DF * Vt/(Ws*(100-M)/100) * CpndVariable

| Name | Value | Description |
|---|---|---|
| DF | 1.00000 | Dilution Factor |
| Vt | 10.00000 | Volume of final extract (uL)(1000 low, 2 |
| Ws | 15.00000 | Weight of sample extracted (g) |
| M | 0.00000 | % Moisture |

Cpnd Variable Local Compound Variable

| RT | EXP RT | DLT RT | RESPONSE | CONCENTRATIONS ON-COL ( ug/L) | FINAL (ug/kg) | TARGET RANGE | RATIO |
|---|---|---|---|---|---|---|---|
| $ 28 Tetrachloro-m-xylene | | | | | CAS #: 877-09-8 | | |
| 1.950 | 1.950 | 0.000 | 309710 | 65.7904 | 44 | 80.00- 120.00 | 100.00 |
| 2 alpha-BHC | | | | | CAS #: 319-84-6 | | |
| 2.330 | 2.330 | 0.000 | 1351335 | 211.956 | 140 | 80.00- 120.00 | 100.00 |
| 5 gamma-BHC (Lindane) | | | | | CAS #: 58-89-9 | | |
| 2.550 | 2.550 | 0.000 | 1125873 | 216.201 | 140 | 80.00- 120.00 | 100.00 |
| 3 beta-BHC | | | | | CAS #: 319-85-7 | | |
| 2.620 | 2.610 | 0.010 | 986805 | 321.502 | 210 | 80.00- 120.00 | 100.00(R) |
| 4 delta-BHC | | | | | CAS #: 319-86-8 | | |
| 2.740 | 2.740 | 0.000 | 1187346 | 212.995 | 140 | 80.00- 120.00 | 100.00 |

| RT | EXP RT | DLT RT | RESPONSE | CONCENTRATIONS ON-COL ( ug/L) | FINAL (ug/kg) | TARGET RANGE | RATIO |
|---|---|---|---|---|---|---|---|
| 17 Heptachlor | | | | | CAS #: 76-44-8 | | |
| 2.910 | 2.910 | 0.000 | 1182750 | 226.550 | 150 | 80.00- 120.00 | 100.00 |
| 1 Aldrin | | | | | CAS #: 309-00-2 | | |
| 3.180 | 3.180 | 0.000 | 1021882 | 203.299 | 140 | 80.00- 120.00 | 100.00 |
| 18 Heptachlor epoxide | | | | | CAS #: 1024-57-3 | | |
| 4.073 | 4.073 | 0.000 | 1198566 | 226.755 | 150 | 80.00- 120.00 | 100.00 |
| 65 gamma-Chlordane | | | | | CAS #: 5103-74-2 | | |
| 4.370 | 4.370 | 0.000 | 1293951 | 245.885 | 160 | 80.00- 120.00 | 100.00 |
| 66 alpha-Chlordane | | | | | CAS #: 5103-71-9 | | |
| 4.690 | 4.690 | 0.000 | 1156653 | 234.725 | 160 | 80.00- 120.00 | 100.00 |
| 8 4,4'-DDE | | | | | CAS #: 72-55-9 | | |
| 4.903 | 4.907 | -0.004 | 1014586 | 240.219 | 160 | 80.00- 120.00 | 100.00 |
| 11 Endosulfan I | | | | | CAS #: 959-98-8 | | |
| 5.013 | 5.013 | 0.000 | 1181304 | 233.310 | 160 | 80.00- 120.00 | 100.00 |
| 10 Dieldrin | | | | | CAS #: 60-57-1 | | |
| 5.623 | 5.627 | -0.004 | 1098846 | 223.585 | 150 | 80.00- 120.00 | 100.00 |
| 14 Endrin | | | | | CAS #: 72-20-8 | | |
| 6.217 | 6.220 | -0.003 | 1078848 | 257.573 | 170 | 80.00- 120.00 | 100.00 |
| 7 4,4'-DDD | | | | | CAS #: 72-54-8 | | |
| 6.417 | 6.420 | -0.003 | 984892 | 263.085 | 180 | 80.00- 120.00 | 100.00 |
| 12 Endosulfan II | | | | | CAS #: 33213-65-9 | | |
| 6.747 | 6.750 | -0.003 | 1027059 | 232.770 | 160 | 80.00- 120.00 | 100.00 |
| 9 4,4'-DDT | | | | | CAS #: 50-29-3 | | |
| 7.053 | 7.057 | -0.004 | 887824 | 257.868 | 170 | 80.00- 120.00 | 100.00 |
| 15 Endrin aldehyde | | | | | CAS #: 7421-93-4 | | |
| 7.483 | 7.487 | -0.004 | 420955 | 134.844 | 90 | 80.00- 120.00 | 100.00 |
| 19 Methoxychlor | | | | | CAS #: 72-43-5 | | |
| 7.733 | 7.733 | 0.000 | 429515 | 233.171 | 160 | 80.00- 120.00 | 100.00 |
| 13 Endosulfan sulfate | | | | | CAS #: 1031-07-8 | | |
| 7.973 | 7.973 | 0.000 | 648660 | 200.739 | 130 | 80.00- 120.00 | 100.00 |
| 16 Endrin ketone | | | | | CAS #: 53494-70-5 | | |
| 8.283 | 8.283 | 0.000 | 901418 | 229.781 | 150 | 80.00- 120.00 | 100.00 |

| RT | EXP RT | DLT RT | RESPONSE | CONCENTRATIONS ON-COL ( ug/L) | CONCENTRATIONS FINAL (ug/kg) | TARGET RANGE | RATIO |
|---|---|---|---|---|---|---|---|
| $ 30 Decachlorobiphenyl | | | | | CAS #: 2051-24-3 | | |
| 9.400 | 9.403 | -0.003 | 197195 | 73.4623 | 49 | 80.00- 120.00 | 100.00 |

QC Flag Legend

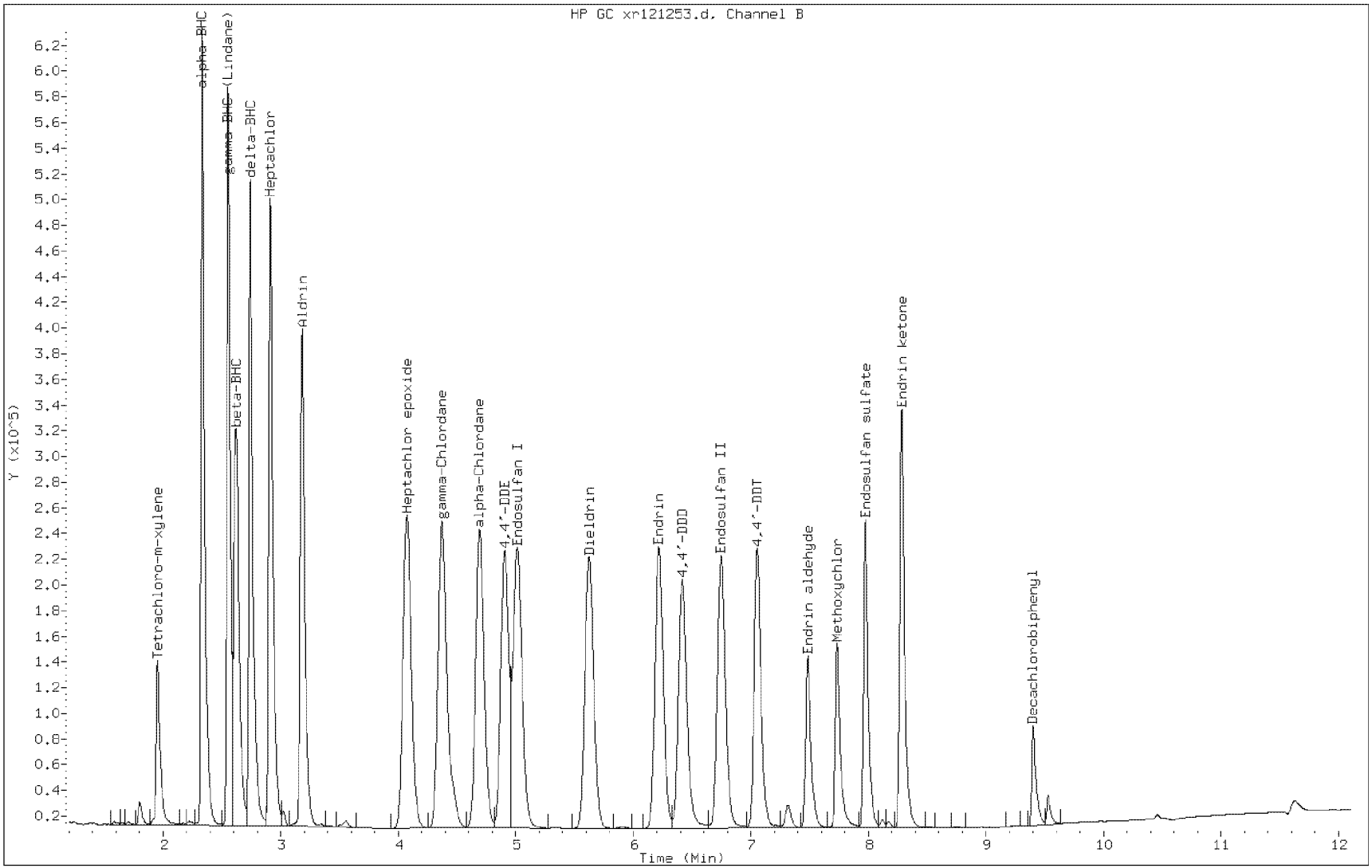
R - Spike/Surrogate failed recovery limits.

Data File: xr121253.d

Date: 08-JUN-2011 12:21

Client ID: Instrument: PESTGC1.i

Sample Info: 460-27126-A-1-J Operator: 462



FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-27128-1

SDG No.:

Client Sample ID: | Lab Sample ID: 460-27126-A-1-K MSD

Matrix: Solid | Lab File ID: xf121254.d

Analysis Method: 8081A | Date Collected: 05/24/2011 09:25

Extraction Method: 3541 | Date Extracted: 06/07/2011 06:19

Sample wt/vol: 15.00(g) | Date Analyzed: 06/08/2011 12:35

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: CLP-2 ID: 0.53(mm)

% Moisture: 8.4 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 76138 | Units: ug/Kg

| CAS NO. | COMPOUND NAME | RESULT | Q | RL | MDL |
|---|---|---|---|---|---|
| 319-84-6 | alpha-BHC | 153 | | 7.3 | 1.4 |
| 319-85-7 | beta-BHC | 157 | | 7.3 | 0.99 |
| 319-86-8 | delta-BHC | 162 | | 7.3 | 1.1 |
| 58-89-9 | gamma-BHC (Lindane) | 154 | | 7.3 | 0.85 |
| 76-44-8 | Heptachlor | 165 | | 7.3 | 1.0 |
| 309-00-2 | Aldrin | 164 | | 7.3 | 1.6 |
| 1024-57-3 | Heptachlor epoxide | 159 | | 7.3 | 1.5 |
| 959-98-8 | Endosulfan I | 162 | | 7.3 | 1.5 |
| 60-57-1 | Dieldrin | 149 | | 7.3 | 1.4 |
| 72-55-9 | 4,4'-DDE | 175 | | 7.3 | 1.4 |
| 72-20-8 | Endrin | 168 | | 7.3 | 1.0 |
| 33213-65-9 | Endosulfan II | 161 | | 7.3 | 1.1 |
| 72-54-8 | 4,4'-DDD | 173 | | 7.3 | 0.87 |
| 1031-07-8 | Endosulfan sulfate | 133 | | 7.3 | 0.94 |
| 50-29-3 | 4,4'-DDT | 165 | | 7.3 | 0.92 |
| 72-43-5 | Methoxychlor | 149 | | 7.3 | 0.82 |
| 53494-70-5 | Endrin ketone | 154 | | 7.3 | 1.1 |
| 7421-93-4 | Endrin aldehyde | 89.9 | | 7.3 | 1.8 |
| 5103-71-9 | alpha-Chlordane | 162 | | 7.3 | 1.5 |
| 5103-74-2 | gamma-Chlordane | 155 | | 7.3 | 1.5 |
| 8001-35-2 | Toxaphene | 73 | U | 73 | 15 |

| CAS NO. | SURROGATE | %REC | Q | LIMITS |
|---|---|---|---|---|
| 2051-24-3 | DCB Decachlorobiphenyl | 127 | | 53-150 |
| 877-09-8 | Tetrachloro-m-xylene | 119 | | 40-150 |

Data File: xf121254.d
Report Date: 09-Jun-2011 07:17

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC1.i/8081T/front/Jun11/06-08-11/08jun11b.b/xf121254.d
Lab Smp Id: 460-27126-A-1-K
Inj Date : 08-JUN-2011 12:35
Operator : 462 Inst ID: PESTGC1.i
Smp Info : 460-27126-A-1-K
Misc Info :
Comment :
Method : /chem1/PESTGC1.i/8081T/front/Jun11/06-08-11/08jun11b.b/09Xf8081.m
Meth Date : 09-Jun-2011 07:06 Ex. 4 CBI Quant Type: ESTD
Cal Date : 02-JUN-2011 15:42 Cal File: xf120980.d
Als bottle: 1 QC Sample: MSD
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: Allpest.sub
Target Version: 3.50 Sample Matrix: SOIL
Processing Host: hpd3

Concentration Formula: Amt * DF * Vt/(Ws*(100-M)/100) * CpndVariable

| Name | Value | Description |
|---|---|---|
| DF | 1.00000 | Dilution Factor |
| Vt | 10.00000 | Volume of final extract (uL)(1000 low, 2 |
| Ws | 15.00000 | Weight of sample extracted (g) |
| M | 0.00000 | % Moisture |

Cpnd Variable Local Compound Variable

| RT | EXP RT | DLT RT | RESPONSE | CONCENTRATIONS ON-COL ( ug/L) | FINAL (ug/kg) | TARGET RANGE | RATIO |
|---|---|---|---|---|---|---|---|
| $ 28 Tetrachloro-m-xylene | | | | | CAS #: 877-09-8 | | |
| 2.357 | 2.357 | 0.000 | 176828 | 59.4396 | | 80.00- 120.00 | 100.00(aR) |
| 2 alpha-BHC | | | | | CAS #: 319-84-6 | | |
| 2.857 | 2.857 | 0.000 | 877198 | 210.210 | | 80.00- 120.00 | 100.00(aR) |
| 5 gamma-BHC (Lindane) | | | | | CAS #: 58-89-9 | | |
| 3.217 | 3.213 | 0.004 | 816231 | 211.253 | | 80.00- 120.00 | 100.00(aR) |
| 3 beta-BHC | | | | | CAS #: 319-85-7 | | |
| 3.307 | 3.307 | 0.000 | 404440 | 216.374 | | 80.00- 120.00 | 100.00(aR) |
| 4 delta-BHC | | | | | CAS #: 319-86-8 | | |
| 3.743 | 3.743 | 0.000 | 917721 | 223.046 | | 80.00- 120.00 | 100.00(aR) |

Data File: xf121254.d
Report Date: 09-Jun-2011 07:17

| RT | EXP RT | DLT RT | RESPONSE | CONCENTRATIONS ON-COL ( ug/L) | FINAL (ug/kg) | TARGET RANGE | RATIO |
|---|---|---|---|---|---|---|---|
| 17 Heptachlor | | | | | CAS #: 76-44-8 | | |
| 3.897 | 3.897 | 0.000 | 950567 | 226.658 | | 80.00- 120.00 | 100.00(aR) |
| 1 Aldrin | | | | | CAS #: 309-00-2 | | |
| 4.747 | 4.747 | 0.000 | 933310 | 225.289 | | 80.00- 120.00 | 100.00(aR) |
| 18 Heptachlor epoxide | | | | | CAS #: 1024-57-3 | | |
| 6.300 | 6.297 | 0.003 | 867158 | 218.162 | | 80.00- 120.00 | 100.00(aR) |
| 65 gamma-Chlordane | | | | | CAS #: 5103-74-2 | | |
| 6.780 | 6.780 | 0.000 | 888353 | 213.086 | | 80.00- 120.00 | 100.00(aR) |
| 66 alpha-Chlordane | | | | | CAS #: 5103-71-9 | | |
| 7.110 | 7.110 | 0.000 | 813434 | 222.722 | | 80.00- 120.00 | 100.00(aR) |
| 8 4,4'-DDE | | | | | CAS #: 72-55-9 | | |
| 7.373 | 7.370 | 0.003 | 763814 | 240.605 | | 80.00- 120.00 | 100.00(aR) |
| 11 Endosulfan I | | | | | CAS #: 959-98-8 | | |
| 7.223 | 7.223 | 0.000 | 748527 | 223.072 | | 80.00- 120.00 | 100.00(aR) |
| 10 Dieldrin | | | | | CAS #: 60-57-1 | | |
| 7.613 | 7.613 | 0.000 | 675188 | 205.145 | | 80.00- 120.00 | 100.00(aR) |
| 14 Endrin | | | | | CAS #: 72-20-8 | | |
| 7.970 | 7.970 | 0.000 | 638879 | 230.500 | | 80.00- 120.00 | 100.00(aR) |
| 7 4,4'-DDD | | | | | CAS #: 72-54-8 | | |
| 8.070 | 8.070 | 0.000 | 618960 | 238.114 | | 80.00- 120.00 | 100.00(aR) |
| 12 Endosulfan II | | | | | CAS #: 33213-65-9 | | |
| 8.210 | 8.210 | 0.000 | 626004 | 221.828 | | 80.00- 120.00 | 100.00(aR) |
| 9 4,4'-DDT | | | | | CAS #: 50-29-3 | | |
| 8.433 | 8.437 | -0.004 | 560435 | 226.795 | | 80.00- 120.00 | 100.00(aR) |
| 15 Endrin aldehyde | | | | | CAS #: 7421-93-4 | | |
| 8.600 | 8.600 | 0.000 | 285360 | 123.508 | | 80.00- 120.00 | 100.00(aR) |
| 19 Methoxychlor | | | | | CAS #: 72-43-5 | | |
| 9.220 | 9.223 | -0.003 | 274938 | 204.263 | | 80.00- 120.00 | 100.00(aR) |
| 13 Endosulfan sulfate | | | | | CAS #: 1031-07-8 | | |
| 8.927 | 8.927 | 0.000 | 467814 | 183.366 | | 80.00- 120.00 | 100.00(aR) |
| 16 Endrin ketone | | | | | CAS #: 53494-70-5 | | |
| 9.490 | 9.490 | 0.000 | 593021 | 211.615 | | 80.00- 120.00 | 100.00(aR) |

Data File: xf121254.d
Report Date: 09-Jun-2011 07:17

| RT | EXP RT | DLT RT | RESPONSE | CONCENTRATIONS ON-COL ( ug/L) | CONCENTRATIONS FINAL (ug/kg) | TARGET RANGE | RATIO |
|---|---|---|---|---|---|---|---|
| $ 30 Decachlorobiphenyl | | | | | CAS #: 2051-24-3 | | |
| 10.400 | 10.400 | 0.000 | 130415 | 63.5566 | | 80.00- 120.00 | 100.00(aR) |

QC Flag Legend

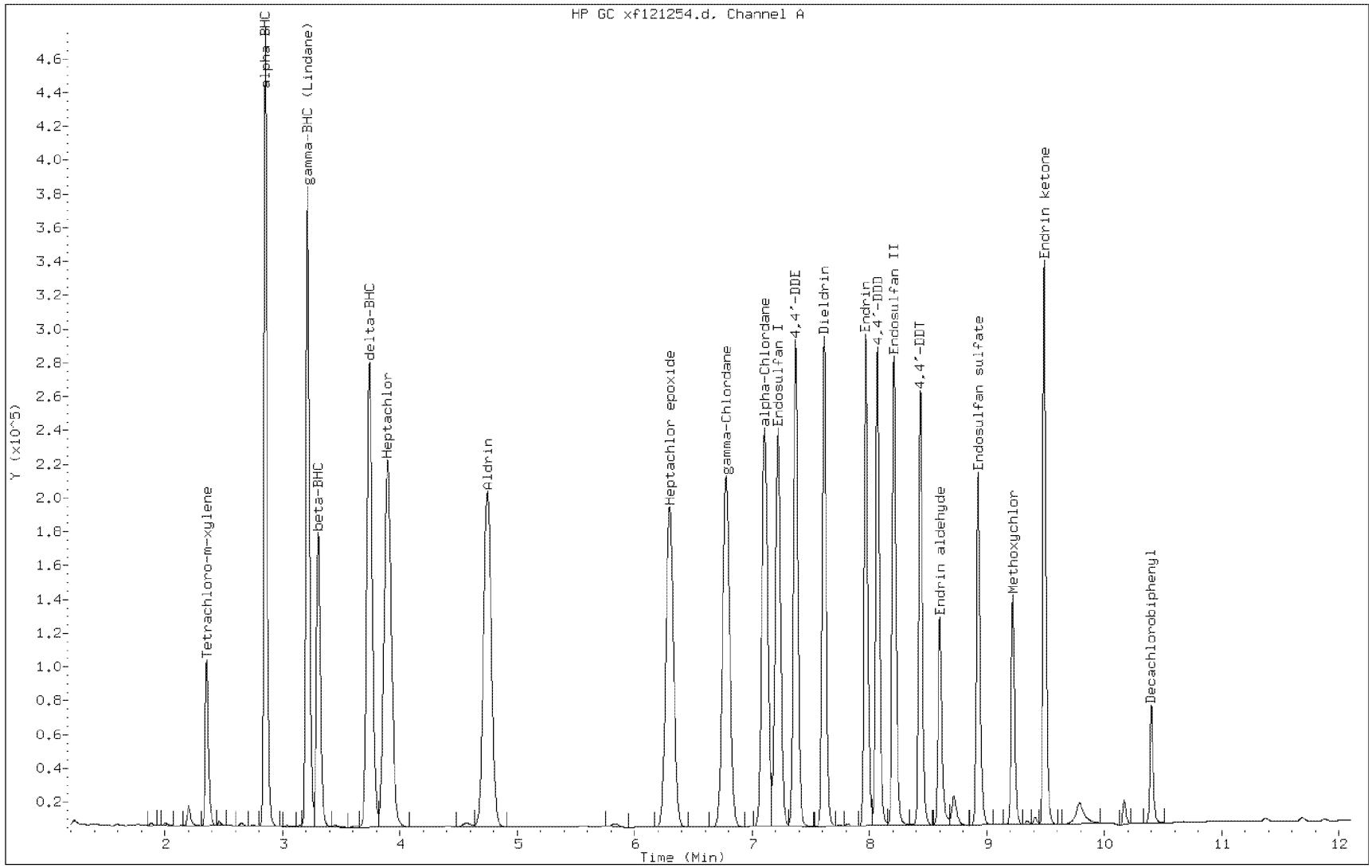
a - Target compound detected but, quantitated amount
    Below Limit Of Quantitation(BLOQ).
R - Spike/Surrogate failed recovery limits.

Data File: xf121254.d

Date: 08-JUN-2011 12:35

Client ID: Instrument: PESTGC1.i

Sample Info: 460-27126-A-1-K Operator: 462



FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-27128-1

SDG No.:

Client Sample ID: | Lab Sample ID: 460-27126-A-1-K MSD

Matrix: Solid | Lab File ID: xr121254.d

Analysis Method: 8081A | Date Collected: 05/24/2011 09:25

Extraction Method: 3541 | Date Extracted: 06/07/2011 06:19

Sample wt/vol: 15.00(g) | Date Analyzed: 06/08/2011 12:35

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: CLP-1 ID: 0.53(mm)

% Moisture: 8.4 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 76138 | Units: ug/Kg

| CAS NO. | COMPOUND NAME | RESULT | Q | RL | MDL |
|---|---|---|---|---|---|
| 319-84-6 | alpha-BHC | 144 | | 7.3 | 1.4 |
| 319-85-7 | beta-BHC | 154 | | 7.3 | 0.99 |
| 319-86-8 | delta-BHC | 148 | | 7.3 | 1.1 |
| 58-89-9 | gamma-BHC (Lindane) | 150 | | 7.3 | 0.85 |
| 76-44-8 | Heptachlor | 157 | | 7.3 | 1.0 |
| 309-00-2 | Aldrin | 137 | | 7.3 | 1.6 |
| 1024-57-3 | Heptachlor epoxide | 156 | | 7.3 | 1.5 |
| 959-98-8 | Endosulfan I | 161 | | 7.3 | 1.5 |
| 60-57-1 | Dieldrin | 157 | | 7.3 | 1.4 |
| 72-55-9 | 4,4'-DDE | 173 | | 7.3 | 1.4 |
| 72-20-8 | Endrin | 181 | | 7.3 | 1.0 |
| 33213-65-9 | Endosulfan II | 164 | | 7.3 | 1.1 |
| 72-54-8 | 4,4'-DDD | 187 | | 7.3 | 0.87 |
| 1031-07-8 | Endosulfan sulfate | 142 | | 7.3 | 0.94 |
| 50-29-3 | 4,4'-DDT | 182 | | 7.3 | 0.92 |
| 72-43-5 | Methoxychlor | 165 | | 7.3 | 0.82 |
| 53494-70-5 | Endrin ketone | 163 | | 7.3 | 1.1 |
| 7421-93-4 | Endrin aldehyde | 96.1 | | 7.3 | 1.8 |
| 5103-71-9 | alpha-Chlordane | 164 | | 7.3 | 1.5 |
| 5103-74-2 | gamma-Chlordane | 160 | | 7.3 | 1.5 |
| 8001-35-2 | Toxaphene | 73 | U | 73 | 15 |

| CAS NO. | SURROGATE | %REC | Q | LIMITS |
|---|---|---|---|---|
| 2051-24-3 | DCB Decachlorobiphenyl | 137 | | 53-150 |
| 877-09-8 | Tetrachloro-m-xylene | 116 | | 40-150 |

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC1.i/8081T/rear/Jun11/06-08-11/08jun11b.b/xr121254.d
Lab Smp Id: 460-27126-A-1-K
Inj Date : 08-JUN-2011 12:35
Operator : 462 Inst ID: PESTGC1.i
Smp Info : 460-27126-A-1-K
Misc Info :
Comment :
Method : /chem1/PESTGC1.i/8081T/rear/Jun11/06-08-11/08jun11b.b/09Xr8081.m
Meth Date : 09-Jun-2011 07:02 Ex. 4 CBI Quant Type: ESTD
Cal Date : 02-JUN-2011 15:42 Cal File: xr120980.d
Als bottle: 1 QC Sample: MSD
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: Allpest.sub
Target Version: 3.50 Sample Matrix: SOIL
Processing Host: hpd3

Concentration Formula: Amt * DF * Vt/(Ws*(100-M)/100) * CpndVariable

| Name | Value | Description |
|---|---|---|
| DF | 1.00000 | Dilution Factor |
| Vt | 10.00000 | Volume of final extract (uL)(1000 low, 2 |
| Ws | 15.00000 | Weight of sample extracted (g) |
| M | 0.00000 | % Moisture |

Cpnd Variable Local Compound Variable

| RT | EXP RT | DLT RT | RESPONSE | CONCENTRATIONS ON-COL ( ug/L) | FINAL (ug/kg) | TARGET RANGE | RATIO |
|---|---|---|---|---|---|---|---|
| $ 28 Tetrachloro-m-xylene | | | | | CAS #: 877-09-8 | | |
| 1.950 | 1.950 | 0.000 | 272219 | 57.8263 | 38 | 80.00- 120.00 | 100.00 |
| 2 alpha-BHC | | | | | CAS #: 319-84-6 | | |
| 2.330 | 2.330 | 0.000 | 1264341 | 198.311 | 130 | 80.00- 120.00 | 100.00 |
| 5 gamma-BHC (Lindane) | | | | | CAS #: 58-89-9 | | |
| 2.550 | 2.550 | 0.000 | 1070512 | 205.570 | 140 | 80.00- 120.00 | 100.00 |
| 3 beta-BHC | | | | | CAS #: 319-85-7 | | |
| 2.610 | 2.610 | 0.000 | 648211 | 211.188 | 140 | 80.00- 120.00 | 100.00 |
| 4 delta-BHC | | | | | CAS #: 319-86-8 | | |
| 2.740 | 2.740 | 0.000 | 1130838 | 202.858 | 140 | 80.00- 120.00 | 100.00 |

| RT | EXP RT | DLT RT | RESPONSE | CONCENTRATIONS ON-COL ( ug/L) | FINAL (ug/kg) | TARGET RANGE | RATIO |
|---|---|---|---|---|---|---|---|
| 17 Heptachlor | | | | | CAS #: 76-44-8 | | |
| 2.910 | 2.910 | 0.000 | 1123401 | 215.182 | 140 | 80.00- 120.00 | 100.00 |
| 1 Aldrin | | | | | CAS #: 309-00-2 | | |
| 3.180 | 3.180 | 0.000 | 943359 | 187.678 | 120 | 80.00- 120.00 | 100.00 |
| 18 Heptachlor epoxide | | | | | CAS #: 1024-57-3 | | |
| 4.073 | 4.073 | 0.000 | 1134911 | 214.712 | 140 | 80.00- 120.00 | 100.00 |
| 65 gamma-Chlordane | | | | | CAS #: 5103-74-2 | | |
| 4.373 | 4.370 | 0.003 | 1156132 | 219.695 | 150 | 80.00- 120.00 | 100.00 |
| 66 alpha-Chlordane | | | | | CAS #: 5103-71-9 | | |
| 4.690 | 4.690 | 0.000 | 1113783 | 226.025 | 150 | 80.00- 120.00 | 100.00 |
| 8 4,4'-DDE | | | | | CAS #: 72-55-9 | | |
| 4.903 | 4.907 | -0.004 | 1003165 | 237.515 | 160 | 80.00- 120.00 | 100.00 |
| 11 Endosulfan I | | | | | CAS #: 959-98-8 | | |
| 5.013 | 5.013 | 0.000 | 1119040 | 221.013 | 150 | 80.00- 120.00 | 100.00 |
| 10 Dieldrin | | | | | CAS #: 60-57-1 | | |
| 5.623 | 5.627 | -0.004 | 1062916 | 216.274 | 140 | 80.00- 120.00 | 100.00 |
| 14 Endrin | | | | | CAS #: 72-20-8 | | |
| 6.217 | 6.220 | -0.003 | 1041033 | 248.545 | 160 | 80.00- 120.00 | 100.00 |
| 7 4,4'-DDD | | | | | CAS #: 72-54-8 | | |
| 6.417 | 6.420 | -0.003 | 960388 | 256.540 | 170 | 80.00- 120.00 | 100.00 |
| 12 Endosulfan II | | | | | CAS #: 33213-65-9 | | |
| 6.747 | 6.750 | -0.003 | 996033 | 225.738 | 150 | 80.00- 120.00 | 100.00 |
| 9 4,4'-DDT | | | | | CAS #: 50-29-3 | | |
| 7.053 | 7.057 | -0.004 | 862850 | 250.615 | 170 | 80.00- 120.00 | 100.00 |
| 15 Endrin aldehyde | | | | | CAS #: 7421-93-4 | | |
| 7.483 | 7.487 | -0.004 | 412210 | 132.043 | 88 | 80.00- 120.00 | 100.00 |
| 19 Methoxychlor | | | | | CAS #: 72-43-5 | | |
| 7.733 | 7.733 | 0.000 | 418974 | 227.449 | 150 | 80.00- 120.00 | 100.00 |
| 13 Endosulfan sulfate | | | | | CAS #: 1031-07-8 | | |
| 7.973 | 7.973 | 0.000 | 631616 | 195.465 | 130 | 80.00- 120.00 | 100.00 |
| 16 Endrin ketone | | | | | CAS #: 53494-70-5 | | |
| 8.283 | 8.283 | 0.000 | 876489 | 223.426 | 150 | 80.00- 120.00 | 100.00 |

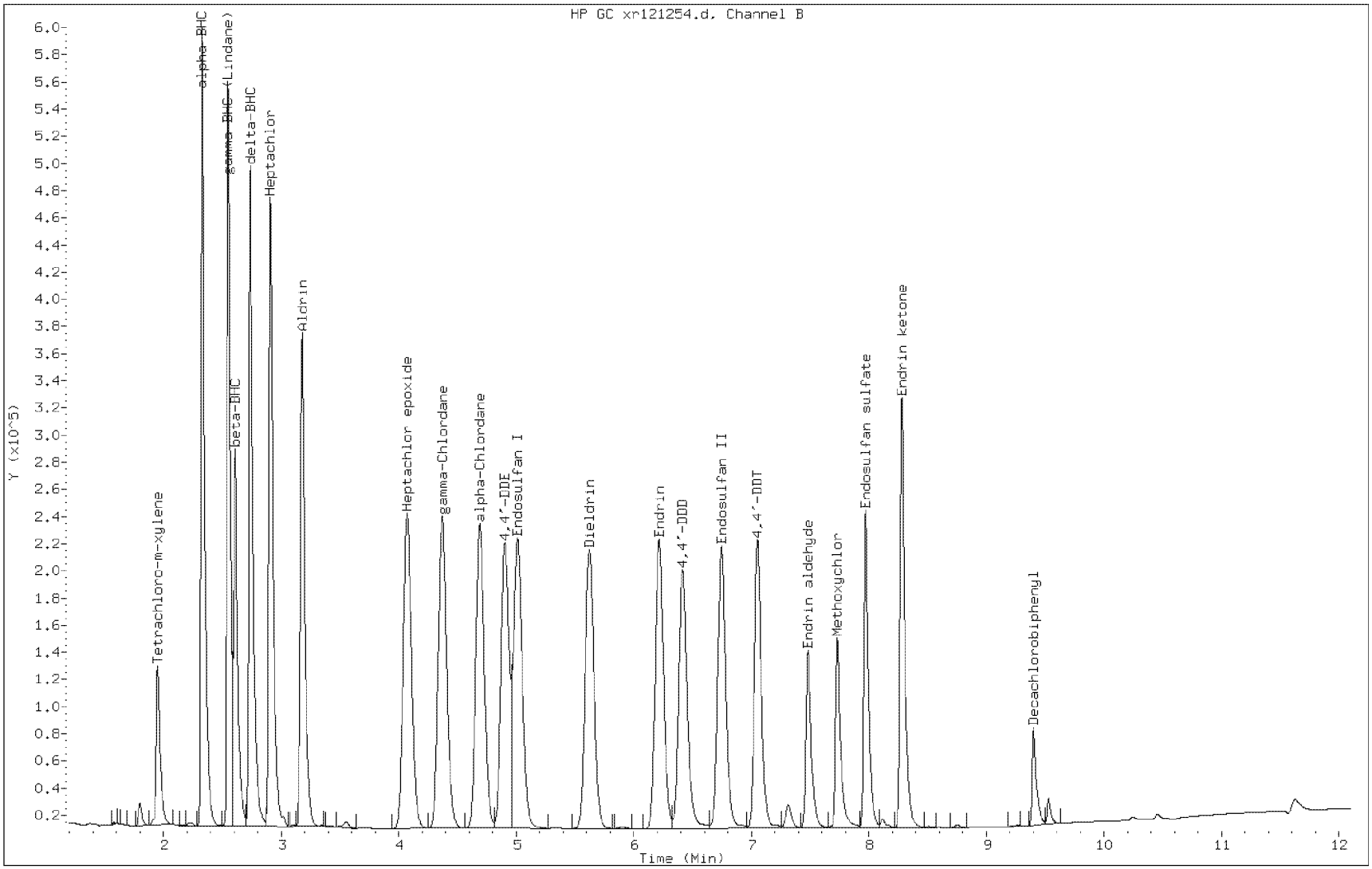
| RT | EXP RT | DLT RT | RESPONSE | CONCENTRATIONS ON-COL ( ug/L) | CONCENTRATIONS FINAL (ug/kg) | TARGET RANGE | RATIO |
|---|---|---|---|---|---|---|---|
| $ 30 Decachlorobiphenyl | | | | | CAS #: 2051-24-3 | | |
| 9.400 | 9.403 | -0.003 | 184007 | 68.5495 | 46 | 80.00- 120.00 | 100.00 |

Data File: xr121254.d

Date: 08-JUN-2011 12:35

Client ID: Instrument: PESTGC1.i

Sample Info: 460-27126-A-1-K Operator: 462



GC SEMI VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Edison Job No.: 460-27128-1

SDG No.:

Instrument ID: PESTGC1 Start Date: 06/02/2011 13:23

Analysis Batch Number: 75718 End Date: 06/02/2011 15:56

| LAB SAMPLE ID | CLIENT SAMPLE ID | DATE ANALYZED | DILUTION FACTOR | LAB FILE ID | COLUMN ID |
|---|---|---|---|---|---|
| RINSE 460-75718/1 | | 06/02/2011 13:23 | 1 | | CLP-2 0.53(mm) |
| RINSE 460-75718/1 | | 06/02/2011 13:23 | 1 | | CLP-1 0.53(mm) |
| PIBLK 460-75718/2 | | 06/02/2011 13:37 | 1 | | CLP-2 0.53(mm) |
| PIBLK 460-75718/2 | | 06/02/2011 13:37 | 1 | | CLP-1 0.53(mm) |
| RESC 460-75718/3 | | 06/02/2011 13:51 | 1 | | CLP-2 0.53(mm) |
| RESC 460-75718/3 | | 06/02/2011 13:51 | 1 | | CLP-1 0.53(mm) |
| PEM 460-75718/4 | | 06/02/2011 14:05 | 1 | | CLP-2 0.53(mm) |
| PEM 460-75718/4 | | 06/02/2011 14:05 | 1 | | CLP-1 0.53(mm) |
| IC 460-75718/5 | | 06/02/2011 14:19 | 1 | xf120974.d | CLP-2 0.53(mm) |
| IC 460-75718/5 | | 06/02/2011 14:19 | 1 | xr120974.d | CLP-1 0.53(mm) |
| IC 460-75718/6 | | 06/02/2011 14:33 | 1 | xf120975.d | CLP-2 0.53(mm) |
| IC 460-75718/6 | | 06/02/2011 14:33 | 1 | xr120975.d | CLP-1 0.53(mm) |
| IC 460-75718/7 | | 06/02/2011 14:46 | 1 | xf120976.d | CLP-2 0.53(mm) |
| IC 460-75718/7 | | 06/02/2011 14:46 | 1 | xr120976.d | CLP-1 0.53(mm) |
| IC 460-75718/8 | | 06/02/2011 15:00 | 1 | xf120977.d | CLP-2 0.53(mm) |
| IC 460-75718/8 | | 06/02/2011 15:00 | 1 | xr120977.d | CLP-1 0.53(mm) |
| IC 460-75718/9 | | 06/02/2011 15:14 | 1 | xf120978.d | CLP-2 0.53(mm) |
| IC 460-75718/9 | | 06/02/2011 15:14 | 1 | xr120978.d | CLP-1 0.53(mm) |
| IC 460-75718/10 | | 06/02/2011 15:28 | 1 | | CLP-2 0.53(mm) |
| IC 460-75718/10 | | 06/02/2011 15:28 | 1 | | CLP-1 0.53(mm) |
| IC 460-75718/11 | | 06/02/2011 15:42 | 1 | xf120980.d | CLP-2 0.53(mm) |
| IC 460-75718/11 | | 06/02/2011 15:42 | 1 | xr120980.d | CLP-1 0.53(mm) |
| ICV 460-75718/12 | | 06/02/2011 15:56 | 1 | | CLP-2 0.53(mm) |
| ICV 460-75718/12 | | 06/02/2011 15:56 | 1 | | CLP-1 0.53(mm) |

GC SEMI VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Edison Job No.: 460-27128-1

SDG No.:

Instrument ID: PESTGC1 Start Date: 06/08/2011 05:52

Analysis Batch Number: 76035 End Date: 06/08/2011 11:40

| LAB SAMPLE ID | CLIENT SAMPLE ID | DATE ANALYZED | DILUTION FACTOR | LAB FILE ID | COLUMN ID |
|---|---|---|---|---|---|
| RINSE 460-76035/1 | | 06/08/2011 05:52 | 1 | | CLP-2 0.53(mm) |
| RINSE 460-76035/1 | | 06/08/2011 05:52 | 1 | | CLP-1 0.53(mm) |
| PIBLK 460-76035/2 | | 06/08/2011 06:06 | 1 | xf121227.d | CLP-2 0.53(mm) |
| PIBLK 460-76035/2 | | 06/08/2011 06:06 | 1 | xr121227.d | CLP-1 0.53(mm) |
| RESC 460-76035/3 | | 06/08/2011 06:20 | 1 | xf121228.d | CLP-2 0.53(mm) |
| RESC 460-76035/3 | | 06/08/2011 06:20 | 1 | xr121228.d | CLP-1 0.53(mm) |
| PEM 460-76035/4 | | 06/08/2011 06:34 | 1 | xf121229.d | CLP-2 0.53(mm) |
| PEM 460-76035/4 | | 06/08/2011 06:34 | 1 | xr121229.d | CLP-1 0.53(mm) |
| CCVRT 460-76035/5 | | 06/08/2011 06:48 | 1 | xf121230.d | CLP-2 0.53(mm) |
| CCVRT 460-76035/5 | | 06/08/2011 06:48 | 1 | xr121230.d | CLP-1 0.53(mm) |
| ZZZZZ | | 06/08/2011 07:17 | 10 | | CLP-2 0.53(mm) |
| ZZZZZ | | 06/08/2011 07:17 | 10 | | CLP-1 0.53(mm) |
| ZZZZZ | | 06/08/2011 07:31 | 1 | | CLP-2 0.53(mm) |
| ZZZZZ | | 06/08/2011 07:31 | 1 | | CLP-1 0.53(mm) |
| ZZZZZ | | 06/08/2011 07:45 | 1 | | CLP-2 0.53(mm) |
| ZZZZZ | | 06/08/2011 07:45 | 1 | | CLP-1 0.53(mm) |
| ZZZZZ | | 06/08/2011 07:59 | 5 | | CLP-2 0.53(mm) |
| ZZZZZ | | 06/08/2011 07:59 | 5 | | CLP-1 0.53(mm) |
| ZZZZZ | | 06/08/2011 08:13 | 5 | | CLP-2 0.53(mm) |
| ZZZZZ | | 06/08/2011 08:13 | 5 | | CLP-1 0.53(mm) |
| ZZZZZ | | 06/08/2011 08:26 | 1 | | CLP-2 0.53(mm) |
| ZZZZZ | | 06/08/2011 08:26 | 1 | | CLP-1 0.53(mm) |
| ZZZZZ | | 06/08/2011 08:40 | 1 | | CLP-2 0.53(mm) |
| ZZZZZ | | 06/08/2011 08:40 | 1 | | CLP-1 0.53(mm) |
| ZZZZZ | | 06/08/2011 08:54 | 1 | | CLP-2 0.53(mm) |
| ZZZZZ | | 06/08/2011 08:54 | 1 | | CLP-1 0.53(mm) |
| ZZZZZ | | 06/08/2011 09:08 | 1 | | CLP-2 0.53(mm) |
| ZZZZZ | | 06/08/2011 09:08 | 1 | | CLP-1 0.53(mm) |
| ZZZZZ | | 06/08/2011 09:22 | 1 | | CLP-2 0.53(mm) |
| ZZZZZ | | 06/08/2011 09:22 | 1 | | CLP-1 0.53(mm) |
| ZZZZZ | | 06/08/2011 09:35 | 1 | | CLP-2 0.53(mm) |
| ZZZZZ | | 06/08/2011 09:35 | 1 | | CLP-1 0.53(mm) |
| ZZZZZ | | 06/08/2011 09:49 | 1 | | CLP-2 0.53(mm) |
| ZZZZZ | | 06/08/2011 09:49 | 1 | | CLP-1 0.53(mm) |
| ZZZZZ | | 06/08/2011 10:03 | 1 | | CLP-2 0.53(mm) |
| ZZZZZ | | 06/08/2011 10:03 | 1 | | CLP-1 0.53(mm) |
| ZZZZZ | | 06/08/2011 10:17 | 1 | | CLP-2 0.53(mm) |
| ZZZZZ | | 06/08/2011 10:17 | 1 | | CLP-1 0.53(mm) |
| ZZZZZ | | 06/08/2011 10:31 | 1 | | CLP-2 0.53(mm) |
| ZZZZZ | | 06/08/2011 10:31 | 1 | | CLP-1 0.53(mm) |
| 460-27128-1 | PP-SB05 S | 06/08/2011 10:45 | 1 | xf121246.d | CLP-2 0.53(mm) |
| 460-27128-1 | PP-SB05 S | 06/08/2011 10:45 | 1 | xr121246.d | CLP-1 0.53(mm) |
| 460-27128-2 | PP-MW06 D | 06/08/2011 10:58 | 1 | xf121247.d | CLP-2 0.53(mm) |
| 460-27128-2 | PP-MW06 D | 06/08/2011 10:58 | 1 | xr121247.d | CLP-1 0.53(mm) |
| ZZZZZ | | 06/08/2011 11:12 | 1 | | CLP-2 0.53(mm) |

8081A

GC SEMI VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Edison Job No.: 460-27128-1

SDG No.:

Instrument ID: PESTGC1 Start Date: 06/08/2011 05:52

Analysis Batch Number: 76035 End Date: 06/08/2011 11:40

| LAB SAMPLE ID | CLIENT SAMPLE ID | DATE ANALYZED | DILUTION FACTOR | LAB FILE ID | COLUMN ID |
|---|---|---|---|---|---|
| ZZZZZ | | 06/08/2011 11:12 | 1 | | CLP-1 0.53(mm) |
| PIBLK 460-76035/24 | | 06/08/2011 11:26 | 1 | xf121249.d | CLP-2 0.53(mm) |
| PIBLK 460-76035/24 | | 06/08/2011 11:26 | 1 | xr121249.d | CLP-1 0.53(mm) |
| CCV 460-76035/25 | | 06/08/2011 11:40 | 1 | xf121250.d | CLP-2 0.53(mm) |
| CCV 460-76035/25 | | 06/08/2011 11:40 | 1 | xr121250.d | CLP-1 0.53(mm) |

8081A

GC SEMI VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Edison Job No.: 460-27128-1

SDG No.:

Instrument ID: PESTGC1 Start Date: 06/08/2011 11:26

Analysis Batch Number: 76138 End Date: 06/08/2011 16:44

| LAB SAMPLE ID | CLIENT SAMPLE ID | DATE ANALYZED | DILUTION FACTOR | LAB FILE ID | COLUMN ID |
|---|---|---|---|---|---|
| PIBLK 460-76138/1 | | 06/08/2011 11:26 | 1 | xf121249.d | CLP-2 0.53(mm) |
| PIBLK 460-76138/1 | | 06/08/2011 11:26 | 1 | xr121249.d | CLP-1 0.53(mm) |
| CCVRT 460-76138/2 | | 06/08/2011 11:40 | 1 | xf121250.d | CLP-2 0.53(mm) |
| CCVRT 460-76138/2 | | 06/08/2011 11:40 | 1 | xr121250.d | CLP-1 0.53(mm) |
| PEM 460-76138/3 | | 06/08/2011 11:54 | 1 | xf121251.d | CLP-2 0.53(mm) |
| PEM 460-76138/3 | | 06/08/2011 11:54 | 1 | xr121251.d | CLP-1 0.53(mm) |
| RESC 460-76138/4 | | 06/08/2011 12:07 | 1 | | CLP-2 0.53(mm) |
| RESC 460-76138/4 | | 06/08/2011 12:07 | 1 | | CLP-1 0.53(mm) |
| 460-27126-A-1-J MS | | 06/08/2011 12:21 | 1 | xf121253.d | CLP-2 0.53(mm) |
| 460-27126-A-1-J MS | | 06/08/2011 12:21 | 1 | xr121253.d | CLP-1 0.53(mm) |
| 460-27126-A-1-K MSD | | 06/08/2011 12:35 | 1 | xf121254.d | CLP-2 0.53(mm) |
| 460-27126-A-1-K MSD | | 06/08/2011 12:35 | 1 | xr121254.d | CLP-1 0.53(mm) |
| ZZZZZ | | 06/08/2011 12:49 | 1 | | CLP-2 0.53(mm) |
| ZZZZZ | | 06/08/2011 12:49 | 1 | | CLP-1 0.53(mm) |
| ZZZZZ | | 06/08/2011 13:03 | 1 | | CLP-2 0.53(mm) |
| ZZZZZ | | 06/08/2011 13:03 | 1 | | CLP-1 0.53(mm) |
| ZZZZZ | | 06/08/2011 13:17 | 1 | | CLP-2 0.53(mm) |
| ZZZZZ | | 06/08/2011 13:17 | 1 | | CLP-1 0.53(mm) |
| ZZZZZ | | 06/08/2011 13:30 | 1 | | CLP-2 0.53(mm) |
| ZZZZZ | | 06/08/2011 13:30 | 1 | | CLP-1 0.53(mm) |
| ZZZZZ | | 06/08/2011 13:44 | 1 | | CLP-2 0.53(mm) |
| ZZZZZ | | 06/08/2011 13:44 | 1 | | CLP-1 0.53(mm) |
| ZZZZZ | | 06/08/2011 13:58 | 1 | | CLP-2 0.53(mm) |
| ZZZZZ | | 06/08/2011 13:58 | 1 | | CLP-1 0.53(mm) |
| ZZZZZ | | 06/08/2011 14:12 | 1 | | CLP-2 0.53(mm) |
| ZZZZZ | | 06/08/2011 14:12 | 1 | | CLP-1 0.53(mm) |
| ZZZZZ | | 06/08/2011 14:26 | 1 | | CLP-2 0.53(mm) |
| ZZZZZ | | 06/08/2011 14:26 | 1 | | CLP-1 0.53(mm) |
| ZZZZZ | | 06/08/2011 14:40 | 1 | | CLP-2 0.53(mm) |
| ZZZZZ | | 06/08/2011 14:40 | 1 | | CLP-1 0.53(mm) |
| ZZZZZ | | 06/08/2011 14:53 | 1 | | CLP-2 0.53(mm) |
| ZZZZZ | | 06/08/2011 14:53 | 1 | | CLP-1 0.53(mm) |
| ZZZZZ | | 06/08/2011 15:07 | 1 | | CLP-2 0.53(mm) |
| ZZZZZ | | 06/08/2011 15:07 | 1 | | CLP-1 0.53(mm) |
| ZZZZZ | | 06/08/2011 15:21 | 1 | | CLP-2 0.53(mm) |
| ZZZZZ | | 06/08/2011 15:21 | 1 | | CLP-1 0.53(mm) |
| MB 460-75847/1-A | | 06/08/2011 15:35 | 1 | xf121267.d | CLP-2 0.53(mm) |
| MB 460-75847/1-A | | 06/08/2011 15:35 | 1 | xr121267.d | CLP-1 0.53(mm) |
| ZZZZZ | | 06/08/2011 15:49 | 1 | | CLP-2 0.53(mm) |
| ZZZZZ | | 06/08/2011 15:49 | 1 | | CLP-1 0.53(mm) |
| ZZZZZ | | 06/08/2011 16:02 | 1 | | CLP-2 0.53(mm) |
| ZZZZZ | | 06/08/2011 16:02 | 1 | | CLP-1 0.53(mm) |
| ZZZZZ | | 06/08/2011 16:16 | 1 | | CLP-2 0.53(mm) |
| ZZZZZ | | 06/08/2011 16:16 | 1 | | CLP-1 0.53(mm) |
| PIBLK 460-76138/23 | | 06/08/2011 16:30 | 1 | xf121271.d | CLP-2 0.53(mm) |

8081A

GC SEMI VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Edison Job No.: 460-27128-1

SDG No.:

Instrument ID: PESTGC1 Start Date: 06/08/2011 11:26

Analysis Batch Number: 76138 End Date: 06/08/2011 16:44

| LAB SAMPLE ID | CLIENT SAMPLE ID | DATE ANALYZED | DILUTION FACTOR | LAB FILE ID | COLUMN ID |
|---|---|---|---|---|---|
| PIBLK 460-76138/23 | | 06/08/2011 16:30 | 1 | xr121271.d | CLP-1 0.53(mm) |
| CCV 460-76138/24 | | 06/08/2011 16:44 | 1 | xf121272.d | CLP-2 0.53(mm) |
| CCV 460-76138/24 | | 06/08/2011 16:44 | 1 | xr121272.d | CLP-1 0.53(mm) |

8081A

GC SEMI VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Edison Job No.: 460-27128-1

SDG No.:

Instrument ID: PESTGC1 Start Date: 06/09/2011 06:50

Analysis Batch Number: 76149 End Date: 06/09/2011 08:28

| LAB SAMPLE ID | CLIENT SAMPLE ID | DATE ANALYZED | DILUTION FACTOR | LAB FILE ID | COLUMN ID |
|---|---|---|---|---|---|
| RINSE 460-76149/1 | | 06/09/2011 06:50 | 1 | | CLP-2 0.53(mm) |
| RINSE 460-76149/1 | | 06/09/2011 06:50 | 1 | | CLP-1 0.53(mm) |
| PIBLK 460-76149/2 | | 06/09/2011 07:04 | 1 | xf121295.d | CLP-2 0.53(mm) |
| PIBLK 460-76149/2 | | 06/09/2011 07:04 | 1 | xr121295.d | CLP-1 0.53(mm) |
| RESC 460-76149/3 | | 06/09/2011 07:18 | 1 | | CLP-2 0.53(mm) |
| RESC 460-76149/3 | | 06/09/2011 07:18 | 1 | | CLP-1 0.53(mm) |
| PEM 460-76149/4 | | 06/09/2011 07:32 | 1 | xf121297.d | CLP-2 0.53(mm) |
| PEM 460-76149/4 | | 06/09/2011 07:32 | 1 | xr121297.d | CLP-1 0.53(mm) |
| CCVRT 460-76149/5 | | 06/09/2011 07:46 | 1 | xf121298.d | CLP-2 0.53(mm) |
| CCVRT 460-76149/5 | | 06/09/2011 07:46 | 1 | xr121298.d | CLP-1 0.53(mm) |
| LCS 460-75847/2-A | | 06/09/2011 08:00 | 1 | xf121299.d | CLP-2 0.53(mm) |
| LCS 460-75847/2-A | | 06/09/2011 08:00 | 1 | xr121299.d | CLP-1 0.53(mm) |
| PIBLK 460-76149/7 | | 06/09/2011 08:15 | 1 | xf121300.d | CLP-2 0.53(mm) |
| PIBLK 460-76149/7 | | 06/09/2011 08:15 | 1 | xr121300.d | CLP-1 0.53(mm) |
| CCV 460-76149/8 | | 06/09/2011 08:28 | 1 | xf121301.d | CLP-2 0.53(mm) |
| CCV 460-76149/8 | | 06/09/2011 08:28 | 1 | xr121301.d | CLP-1 0.53(mm) |

8081A

TESTAMERICA

ANALYTICAL INJECTION LOG SUMMARY

Instrument ID: PESTGC1.i

Analytical Batch: /chem1/PESTGC1.i/8081T/rear/Jun11/06-02-11bical/02jun11b.b

Date Generated: 06/06/2011

Page 1

| Date | Data File | ALS | Sample ID | LPB | Ext. Date | IV/ IW | FV | DIL FAC | SampleType | LOT | COMMENTS |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | | | 75718 |
| 06/02/11 1323 | xr120970 | 1 | RINSE | 02jun11b | NA | 15 | 10 | 1 | SAMPLE | NA | MU |
| 06/02/11 1337 | xr120971 | 2 | SGPIBLK_00007 | 02jun11b | | 15 | 10 | 1 | SAMPLE | | G |
| 06/02/11 1351 | xr120972 | 3 | SGRESC_00008 | 02jun11b | | 15 | 10 | 1 | SAMPLE | | G |
| 06/02/11 1405 | xr120973 | 4 | SGDDT/Ei_00013 | 02jun11b | | 15 | 10 | 1 | SAMPLE | | G |
| 06/02/11 1419 | xr120974 | 5 | SGPESTL3_00009 | NA | | 0 | 0 | 1 | CALIB_3 | | G |
| 06/02/11 1433 | xr120975 | 6 | SGPESTL1_00011 | | | 0 | 0 | 1 | CALIB_1 | | G |
| 06/02/11 1446 | xr120976 | 7 | SGPESTL2_00008 | | | 0 | 0 | 1 | CALIB_2 | | G |
| 06/02/11 1500 | xr120977 | 8 | SGPESTL4_00008 | | | 0 | 0 | 1 | CALIB_4 | | G |
| 06/02/11 1514 | xr120978 | 9 | SGPESTL5_00008 | | | 0 | 0 | 1 | CALIB_5 | | G |
| 06/02/11 1528 | xr120979 | 10 | SGCHLOR_00007 | | | 0 | 0 | 1 | CALIB_3 | | G |
| 06/02/11 1542 | xr120980 | 11 | SGTOX_00010 | | | 0 | 0 | 1 | CALIB_3 | | G |
| 06/02/11 1556 | xr120981 | 12 | SGPTICV_00013 | | | 0 | 0 | 1 | CCALIB_3 | | G |

Signed: Ex. 4 CBI

Date: 06/06/11

Read and Understood by: Ex. 4 CBI

Date: 6/6/11

TESTAMERICA

ANALYTICAL INJECTION LOG SUMMARY

Instrument ID: PESTGC1.i

Analytical Batch: /chem1/PESTGC1.i/8081T/rear/Jun11/06-08-11/08jun11a.b

Date Generated: 06/08/2011

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| Date | Data File | ALS | Sample ID | LPB | Ext. Date | IV/ IW | FV | DIL FAC | SampleType | LOT | COMMENTS |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | | | 760035 |
| 06/08/11 0552 | xr121226 | 1 | RINSE | 08jun11a | NA | 100 | 5 | 1 | SAMPLE | NA | NA |
| 06/08/11 0606 | xr121227 | 2 | SGPIBLK_00007 | 08jun11a | | 100 | 5 | 1 | SAMPLE | | G |
| 06/08/11 0620 | xr121228 | 3 | SGRESC_00008 | 08jun11a | | 100 | 5 | 1 | SAMPLE | | G |
| 06/08/11 0634 | xr121229 | 4 | SGDDT/Ei_00013 | 08jun11a | | 100 | 5 | 1 | SAMPLE | | G |
| 06/08/11 0648 | xr121230 | 5 | SGPESTL3_00009 | NA | | 0 | 0 | 1 | CCALIB_3 | | G |
| 06/08/11 0717 | xr121231 | 6 | 460-26968-a-1-h | 08jun11a | | 100 | 5 | 10 | SAMPLE | | perm Tx |
| 06/08/11 0731 | xr121232 | 7 | 460-27089-a-55-c | 08jun11a | | 100 | 5 | 1 | SAMPLE | | G |
| 06/08/11 0745 | xr121233 | 8 | 460-27133-a-42-c | 08jun11a | | 100 | 5 | 1 | SAMPLE | | G |
| 06/08/11 0759 | xr121234 | 9 | 460-26968-a-1-h | 08jun11a | | 100 | 5 | 5 | SAMPLE | | G |
| 06/08/11 0813 | xr121235 | 10 | 460-27241-e-12-a | 08jun11a | | 15 | 10 | 5 | SAMPLE | | G |
| 06/08/11 0826 | xr121236 | 11 | 460-26958-b-3-d | 08jun11a | | 15 | 10 | 1 | SAMPLE | | G |
| 06/08/11 0840 | xr121237 | 12 | 460-27089-a-54-g | 08jun11a | | 100 | 5 | 1 | SAMPLE | | G |
| 06/08/11 0854 | xr121238 | 13 | 460-27089-a-54-e | 08jun11a | | 100 | 5 | 1 | MS | | G |
| 06/08/11 0908 | xr121239 | 14 | 460-27089-a-54-f | 08jun11a | | 100 | 5 | 1 | MSD | | G |

Ex. 4 CBI 06/08/11

Ex. 4 CBI 6/8/11

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06/13/2011

TESTAMERICA

ANALYTICAL INJECTION LOG SUMMARY

Instrument ID: PESTGC1.i

Analytical Batch: /chem1/PESTGC1.i/8081T/rear/Jun11/06-08-11/08jun11a.b

Date Generated: 06/08/2011

Page 2

| Date | Data File | ALS | Sample ID | LPB | Ext. Date | IV/IW | FV | DIL FAC | SampleType | LOT | COMMENTS |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 06/08/11 0922 | xr121240 | 15 | 460-26908-j-1-b | 08jun11a | M | 100 | 5 | 1 | SAMPLE | M | S |
| 06/08/11 0935 | xr121241 | 16 | 460-27298-D-1-B | 460-75847 | 06/07/11 | 15 | 10 | 1 | SAMPLE | | S |
| 06/08/11 0949 | xr121242 | 17 | 460-27052-A-13-F | 460-75847 | 06/07/11 | 15.0 | 10 | 1 | SAMPLE | | S |
| 06/08/11 1003 | xr121243 | 18 | 460-27257-A-1-I | 460-75847 | 06/07/11 | 15.0 | 10 | 1 | SAMPLE | | S |
| 06/08/11 1017 | xr121244 | 19 | 460-27126-A-1-I | 460-75847 | 06/07/11 | 15.0 | 10 | 1 | SAMPLE | | S |
| 06/08/11 1031 | xr121245 | 20 | 460-27126-A-2-C | 460-75847 | 06/07/11 | 15.0 | 10 | 1 | SAMPLE | | S |
| 06/08/11 1045 | xr121246 | 21 | 460-27128-A-1-C | 460-75847 | 06/07/11 | 15.0 | 10 | 1 | SAMPLE | | S |
| 06/08/11 1058 | xr121247 | 22 | 460-27128-A-2-C | 460-75847 | 06/07/11 | 15.1 | 10 | 1 | SAMPLE | | S |
| 06/08/11 1112 | xr121248 | 23 | 460-27130-A-1-C | 460-75847 | 06/07/11 | 15 | 10 | 1 | SAMPLE | | S |
| 06/08/11 1126 | xr121249 | 24 | PIBLK_00007 | 08jun11a | M | 100 | 5 | 1 | SAMPLE | | S |
| 06/08/11 1140 | xr121250 | 25 | PESTL3_00009 | M | | 0 | 0 | 1 | CCALIB_3 | | S |

Signed: Ex. 4 CBI Read and Understood by: Ex. 4 CBI

Date: 06/08/11 Date: 6/8/11

TESTAMERICA

ANALYTICAL INJECTION LOG SUMMARY

Instrument ID: PESTGC1.i

Analytical Batch: /chem1/PESTGC1.i/8081T/rear/Jun11/06-08-11/08jun11b.b

Date Generated: 06/09/2011

Page 1

| Date | Data File | ALS | Sample ID | LPB | Ext. Date | IV/ IW | FV | DIL FAC | SampleType | LOT | COMMENTS |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | | | 76138 |
| 06/08/11 1126 | xr121249 | 24 | SGPIBLK_00007 | 08jun11a | NA | 100 | 5 | 1 | SAMPLE | NA | G |
| 06/08/11 1140 | xr121250 | 25 | SGPESTL3_00009 | NA | | 0 | 0 | 1 | CCALIB_3 | | G |
| 06/08/11 1154 | xr121251 | 26 | SGDDT/Ei_00013 | 08jun11b | | 1000 | 5 | 1 | SAMPLE | | G |
| 06/08/11 1207 | xr121252 | 27 | SGRESC_00008 | 08jun11b | | 1000 | 5 | 1 | SAMPLE | | G |
| 06/08/11 1221 | xr121253 | 28 | 460-27126-A-1-J MS | 08jun11b | | 15 | 10 | 1 | MS | | G |
| 06/08/11 1235 | xr121254 | 29 | 460-27126-A-1-K MSD | 08jun11b | | 15 | 10 | 1 | MSD | | G |
| 06/08/11 1249 | xr121255 | 30 | LCS 460-75847/2- | NA | | 15 | 10 | 1 | BS | | Rerun |
| 06/08/11 1303 | xr121256 | 31 | LCS 460-75910/2- | 08jun11b | | 100 | 5 | 1 | BLANK | | G |
| 06/08/11 1317 | xr121257 | 32 | LCS 460-75486/2- | M | | 1000 | 5 | 1 | BS | | G |
| 06/08/11 1330 | xr121258 | 33 | LCSD 460-75486/3 | | | 1000 | 5 | 1 | BSD | | G |
| 06/08/11 1344 | xr121259 | 34 | 460-27032-A-1-A | 460-75486 | 06/02/11 | 990 | 5 | 1 | SAMPLE | | G |
| 06/08/11 1358 | xr121260 | 35 | 460-27032-C-2-A | 460-75486 | 06/02/11 | 990 | 5 | 1 | SAMPLE | | G |
| 06/08/11 1412 | xr121261 | 36 | 460-27032-B-3-A | 460-75486 | 06/02/11 | 990 | 5 | 1 | SAMPLE | | G |
| 06/08/11 1426 | xr121262 | 37 | 460-27032-D-4-A | 460-75486 | 06/02/11 | 990 | 5 | 1 | SAMPLE | | G |

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06/13/2011

Ex. 4 CBI 06/09/11

Ex. 4 CBI

6-9-11

TESTAMERICA

ANALYTICAL INJECTION LOG SUMMARY

Instrument ID: PESTGC1.i

Analytical Batch: /chem1/PESTGC1.i/8081T/rear/Jun11/06-08-11/08jun11b.b

Date Generated: 06/09/2011



| Date | Data File | ALS | Sample ID | LPB | Ext. Date | IV/ IW | FV | DIL FAC | SampleType | LOT | COMMENTS |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 06/08/11 1440 | xr121263 | 38 | 460-27032-C-5-A | 460-75486 | 06/02/11 | 990 | 5 | 1 | SAMPLE | NA | G |
| 06/08/11 1453 | xr121264 | 39 | 460-27032-C-6-A | 460-75486 | 06/02/11 | 990 | 5 | 1 | SAMPLE | | G |
| 06/08/11 1507 | xr121265 | 40 | 460-27032-D-7-A | 460-75486 | 06/02/11 | 980 | 5 | 1 | SAMPLE | | G |
| 06/08/11 1521 | xr121266 | 41 | 460-27032-D-8-A | 460-75486 | 06/02/11 | 990 | 5 | 1 | SAMPLE | | G |
| 06/08/11 1535 | xr121267 | 42 | MB 460-75847/1-A | 08jun11b | NA | 15 | 10 | 1 | SAMPLE | | G |
| 06/08/11 1549 | xr121268 | 43 | MB 460-75910/1-A | 08jun11b | | 100 | 5 | 1 | SAMPLE | | G |
| 06/08/11 1602 | xr121269 | 44 | MB 460-75486/1-A | 08jun11b | | 1000 | 5 | 1 | SAMPLE | | G |
| 06/08/11 1616 | xr121270 | 45 | LB 460-75818/1-D | 08jun11b | | 100 | 5 | 1 | SAMPLE | | G |
| 06/08/11 1630 | xr121271 | 46 | SGPIBLK_00007 | 08jun11b | | 1000 | 5 | 1 | SAMPLE | | G |
| 06/08/11 1644 | xr121272 | 47 | SGPESTL3_00009 | NA | | 0 | 0 | 1 | CCALIB_3 | | G |

Signed: Ex. 4 CBI Read and Understood by: Ex. 4 CBI

Date: 06/09/11 Date: 6-9-11

TESTAMERICA

ANALYTICAL INJECTION LOG SUMMARY

Instrument ID: PESTGC1.i

Analytical Batch: /chem1/PESTGC1.i/8081T/rear/Jun11/06-09-11/09jun11a.b

Date Generated: 06/09/2011

Page 1

| Date | Data File | ALS | Sample ID | LPB | Ext. Date | IV/IW | FV | DIL FAC | SampleType | LOT | COMMENTS |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | | | 76149 |
| 06/09/11 0650 | xr121294 | 1 | RINSE | 09jun11a | NA | 1000 | 5 | 1 | SAMPLE | NA | NA |
| 06/09/11 0704 | xr121295 | 2 | SGPIBLK_00007 | 09jun11a | | 1000 | 5 | 1 | SAMPLE | | G |
| 06/09/11 0718 | xr121296 | 3 | SGRESC_00008 | 09jun11a | | 1000 | 5 | 1 | SAMPLE | | G |
| 06/09/11 0732 | xr121297 | 4 | SGDDT/Ei_00013 | 09jun11a | | 1000 | 5 | 1 | SAMPLE | | G |
| 06/09/11 0746 | xr121298 | 5 | SGPESTL3_00009 | NA | | 0 | 0 | 1 | CCALIB_3 | | G |
| 06/09/11 0800 | xr121299 | 6 | LCS 460-75847/2- | | | 1000 | 5 | 1 | BS | | G |
| 06/09/11 0815 | xr121300 | 7 | SGPIBLK_00007 | 09jun11a | | 1000 | 5 | 1 | SAMPLE | | G |
| 06/09/11 0828 | xr121301 | 8 | PESTL3_00009 | NA | | 0 | 0 | 1 | CCALIB_3 | | G |

Signed: Ex. 4 CBI Read and Understood by: Ex. 4 CBI 6-9-11

Date: 06/09/11 Date:

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06/13/2011

# GC SEMI VOA BATCH WORKSHEET

Lab Name: TestAmerica Edison  Job No.: 460-27128-1

SDG No.:

Batch Number: 75847  Batch Start Date: 06/07/11 06:19  Batch Analyst: Ex. 4 CBI

Batch Method: 3541  Batch End Date: 06/07/11 16:18

| Lab Sample ID | Client Sample ID | Method Chain | Basis | InitialAmount | FinalAmount | SoxThermPosition | OP_PESTSP 00006 | OPPSTPCBSU 00016 | |
|---|---|---|---|---|---|---|---|---|---|
| MB 460-75847/1 | | 3541, 8081A | | 15.00 g | 10 mL | 91 | | 50 uL | |
| LCS 460-75847/2 | | 3541, 8081A | | 15.00 g | 10 mL | 92 | 100 uL | 50 uL | |
| 460-27126-A-1 MS | | 3541, 8081A | T | 15.04 g | 10 mL | 93 | 100 uL | 50 uL | |
| 460-27126-A-1 MSD | | 3541, 8081A | T | 15.00 g | 10 mL | 94 | 100 uL | 50 uL | |
| 460-27128-A-1 | PP-SB05 S | 3541, 8081A | T | 15.03 g | 10 mL | 116 | | 50 uL | |
| 460-27128-A-2 | PP-MW06 D | 3541, 8081A | T | 15.05 g | 10 mL | 117 | | 50 uL | |

| Batch Notes | |
|---|---|
| Balance ID | 30 |
| Batch Comment | pest-soil |
| Blank Soil Lot Number | j51636 |
| Boiling Chips ID | 10013 |
| Person's name who did the concentration | archie |
| First End time | 4:18pm |
| Florisil Lot # | k08550 |
| Vendor lot number | k18e44 |
| Na2SO4 Lot Number | j51636 |
| Person's name who did the prep | archie |
| Person's name who witnessed reagent drop | jose s |
| Solvent | hex./ace. mixed |
| SOP Number | 3541 |
| First Start time | 6:19am |

| Basis | Basis Description |
|---|---|
| T | Total/NA |

# Method 8082 - Delaware

## Polychlorinated Biphenyls (PCBs) (GC) by Method 8082 (Delaware)

FORM II
GC SEMI VOA SURROGATE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-27128-1

SDG No.:

Matrix: Solid Level: Low

GC Column (1): CLP-1 ID: 0.53 (mm) GC Column (2): CLP-2 ID: 0.53 (mm)

| Client Sample ID | Lab Sample ID | DCB1 # | DCB2 # |
|---|---|---|---|
| PP-SB05 S | 460-27128-1 | 97 | 114 |
| PP-MW06 D | 460-27128-2 | 121 | 119 |
| | MB 460-75841/1-A | 122 | 120 |
| | LCS 460-75841/2-A | 111 | 110 |
| | 460-27126-A-1-D MS | 118 | 116 |
| | 460-27126-A-1-E MSD | 108 | 107 |

| | QC LIMITS |
|---|---|
| DCB = DCB Decachlorobiphenyl | 30-150 |

# Column to be used to flag recovery values

FORM II 8082

FORM III
GC SEMI VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-27128-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: of173403.d

Lab ID: LCS 460-75841/2-A Client ID:

| COMPOUND | SPIKE ADDED (ug/Kg) | LCS CONCENTRATION (ug/Kg) | LCS % REC | QC LIMITS REC | # |
|---|---|---|---|---|---|
| PCB-1016 | 333 | 399 | 120 | 60-144 | |
| PCB-1260 | 333 | 373 | 112 | 63-143 | |

# Column to be used to flag recovery and RPD values

FORM III 8082

FORM III
GC SEMI VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-27128-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: or173403.d

Lab ID: LCS 460-75841/2-A Client ID:

| COMPOUND | SPIKE ADDED (ug/Kg) | LCS CONCENTRATION (ug/Kg) | LCS % REC | QC LIMITS REC | # |
|---|---|---|---|---|---|
| PCB-1016 | 333 | 416 | 125 | 60-144 | |
| PCB-1260 | 333 | 381 | 114 | 63-143 | |

# Column to be used to flag recovery and RPD values

FORM III 8082

FORM III
GC SEMI VOA MATRIX SPIKE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-27128-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: of173404.d

Lab ID: 460-27126-A-1-D MS Client ID:

| COMPOUND | SPIKE ADDED (ug/Kg) | SAMPLE CONCENTRATION (ug/Kg) | MS CONCENTRATION (ug/Kg) | MS % REC | QC LIMITS REC | # |
|---|---|---|---|---|---|---|
| PCB-1016 | 364 | 73 U | 432 | 119 | 60-144 | |
| PCB-1260 | 364 | 73 U | 432 | 119 | 63-143 | |

# Column to be used to flag recovery and RPD values

FORM III 8082

FORM III
GC SEMI VOA MATRIX SPIKE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-27128-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: or173404.d

Lab ID: 460-27126-A-1-D MS Client ID:

| COMPOUND | SPIKE ADDED (ug/Kg) | SAMPLE CONCENTRATION (ug/Kg) | MS CONCENTRATION (ug/Kg) | MS % REC | QC LIMITS REC | # |
|---|---|---|---|---|---|---|
| PCB-1016 | 364 | 73 U | 458 | 126 | 60-144 | |
| PCB-1260 | 364 | 73 U | 429 | 118 | 63-143 | |

# Column to be used to flag recovery and RPD values

FORM III 8082

FORM III
GC SEMI VOA MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-27128-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: of173405.d

Lab ID: 460-27126-A-1-E MSD Client ID:

| COMPOUND | SPIKE ADDED (ug/Kg) | MSD CONCENTRATION (ug/Kg) | MSD % REC | % RPD | QC LIMITS RPD | QC LIMITS REC | # |
|---|---|---|---|---|---|---|---|
| PCB-1016 | 363 | 430 | 119 | 6 | 30 | 60-144 | |
| PCB-1260 | 363 | 391 | 108 | 9 | 30 | 63-143 | |

# Column to be used to flag recovery and RPD values

FORM III 8082

FORM III
GC SEMI VOA MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-27128-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: or173405.d

Lab ID: 460-27126-A-1-E MSD Client ID:

| COMPOUND | SPIKE ADDED (ug/Kg) | MSD CONCENTRATION (ug/Kg) | MSD % REC | % RPD | QC LIMITS RPD | QC LIMITS REC | # |
|---|---|---|---|---|---|---|---|
| PCB-1016 | 363 | 420 | 116 | 3 | 30 | 60-144 | |
| PCB-1260 | 363 | 395 | 109 | 9 | 30 | 63-143 | |

# Column to be used to flag recovery and RPD values

FORM III 8082

FORM IV
GC SEMI VOA METHOD BLANK SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-27128-1

SDG No.:

Lab Sample ID: MB 460-75841/1-A

Matrix: Solid Date Extracted: 06/07/2011 06:04

Lab File ID:(1) or173402.d Lab File ID:(2) of173402.d

Date Analyzed:(1) 06/08/2011 13:44 Date Analyzed:(2) 06/08/2011 13:44

Instrument ID:(1) PESTGC7 Instrument ID:(2) PESTGC7

GC Column:(1) CLP-1 ID: 0.53(mm) GC Column:(2) CLP-2 ID: 0.53(mm)

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES:

| CLIENT SAMPLE ID | LAB SAMPLE ID | DATE ANALYZED 1 | DATE ANALYZED 2 |
|---|---|---|---|
| | LCS 460-75841/2-A | 06/08/2011 14:00 | 06/08/2011 14:00 |
| | 460-27126-A-1-D MS | 06/08/2011 14:28 | 06/08/2011 14:28 |
| | 460-27126-A-1-E MSD | 06/08/2011 14:43 | 06/08/2011 14:43 |
| PP-SB05 S | 460-27128-1 | 06/08/2011 15:33 | 06/08/2011 15:33 |
| PP-MW06 D | 460-27128-2 | 06/08/2011 15:48 | 06/08/2011 15:48 |

FORM VIII
GC SEMI VOA ANALYTICAL SEQUENCE

Lab Name: TestAmerica Edison Job No.: 460-27128-1

SDG No.:

Sample No.: CCVRT 460-76069/30 Date Analyzed: 06/08/2011 13:27

Instrument ID: PESTGC7 GC Column: CLP-2 ID: 0.53(mm)

Lab File ID (Standard): of173401.d Heated Purge: (Y/N) N

Calibration ID: 11079

THE ANALYTICAL SEQUENCE OF BLANKS, SAMPLES, STANDARDS, MS/MSDs AND LCSs IS GIVEN BELOW:

| | | | | DCB RT # | | |
|---|---|---|---|---|---|---|
| CONTINUING CALIBRATION SURROGATE | | | | 10.55 | | |
| UPPER LIMIT | | | | 10.65 | | |
| LOWER LIMIT | | | | 10.45 | | |
| LAB SAMPLE ID | CLIENT SAMPLE ID | DATE ANALYZED | LAB FILE ID | | | |
| PIBLK 460-76069/29 | | 06/08/2011 13:11 | of173400.d | 10.55 | | |
| CCVRT 460-76069/30 | | 06/08/2011 13:27 | of173401.d | 10.55 | | |
| MB 460-75841/1-A | | 06/08/2011 13:44 | of173402.d | 10.55 | | |
| LCS 460-75841/2-A | | 06/08/2011 14:00 | of173403.d | 10.55 | | |
| 460-27126-A-1-D MS | | 06/08/2011 14:28 | of173404.d | 10.56 | | |
| 460-27126-A-1-E MSD | | 06/08/2011 14:43 | of173405.d | 10.55 | | |
| 460-27128-1 | PP-SB05 S | 06/08/2011 15:33 | of173408.d | 10.55 | | |
| 460-27128-2 | PP-MW06 D | 06/08/2011 15:48 | of173409.d | 10.55 | | |
| CCV 460-76069/28 | | 06/08/2011 16:37 | of173412.d | 10.55 | | |

DCB = DCB Decachlorobiphenyl

DCB RT Limit = ± 0.10 minutes of surrogate RT

# Column used to flag values outside QC limits

FORM VIII 8082

FORM VIII
GC SEMI VOA ANALYTICAL SEQUENCE

Lab Name: TestAmerica Edison Job No.: 460-27128-1

SDG No.:

Sample No.: CCVRT 460-76069/30 Date Analyzed: 06/08/2011 13:27

Instrument ID: PESTGC7 GC Column: CLP-1 ID: 0.53(mm)

Lab File ID (Standard): or173401.d Heated Purge: (Y/N) N

Calibration ID: 11080

THE ANALYTICAL SEQUENCE OF BLANKS, SAMPLES, STANDARDS, MS/MSDs AND LCSs IS GIVEN BELOW:

| | | | | DCB RT # | | |
|---|---|---|---|---|---|---|
| CONTINUING CALIBRATION SURROGATE | | | | 9.45 | | |
| UPPER LIMIT | | | | 9.55 | | |
| LOWER LIMIT | | | | 9.35 | | |
| LAB SAMPLE ID | CLIENT SAMPLE ID | DATE ANALYZED | LAB FILE ID | | | |
| PIBLK 460-76069/29 | | 06/08/2011 13:11 | or173400.d | 9.45 | | |
| CCVRT 460-76069/30 | | 06/08/2011 13:27 | or173401.d | 9.45 | | |
| MB 460-75841/1-A | | 06/08/2011 13:44 | or173402.d | 9.45 | | |
| LCS 460-75841/2-A | | 06/08/2011 14:00 | or173403.d | 9.45 | | |
| 460-27126-A-1-D MS | | 06/08/2011 14:28 | or173404.d | 9.45 | | |
| 460-27126-A-1-E MSD | | 06/08/2011 14:43 | or173405.d | 9.45 | | |
| 460-27128-1 | PP-SB05 S | 06/08/2011 15:33 | or173408.d | 9.45 | | |
| 460-27128-2 | PP-MW06 D | 06/08/2011 15:48 | or173409.d | 9.45 | | |
| CCV 460-76069/28 | | 06/08/2011 16:37 | or173412.d | 9.45 | | |

DCB = DCB Decachlorobiphenyl

DCB RT Limit = ± 0.10 minutes of surrogate RT

# Column used to flag values outside QC limits

FORM VIII 8082

FORM X
IDENTIFICATION SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-27128-1

SDG No.:

Client Sample ID: Lab Sample ID: LCS 460-75841/2-A

Instrument ID (1): PESTGC7 Instrument ID (2): PESTGC7

Date Analyzed (1): 06/08/2011 14:00 Date Analyzed (2): 06/08/2011 14:00

GC Column (1): CLP-1 ID: 0.53(mm) GC Column (2): CLP-2 ID: 0.53(mm)

| ANALYTE | COL | PEAK | RT | RT WINDOW | | CONCENTRATION | | RPD |
|---|---|---|---|---|---|---|---|---|
| | | | | FROM | TO | PEAK | MEAN | |
| PCB-1016 | 1 | 1 | 2.42 | 2.35 | 2.49 | 409 | 416 | 4.3 |
| | | 2 | 2.74 | 2.67 | 2.81 | 415 | | |
| | | 3 | 2.94 | 2.87 | 3.01 | 423 | | |
| | | 4 | 3.20 | 3.13 | 3.27 | 416 | | |
| | | 5 | 3.35 | 3.28 | 3.42 | 420 | | |
| | | 6 | 3.41 | 3.34 | 3.48 | 420 | | |
| | | 7 | 3.56 | 3.49 | 3.63 | 405 | | |
| | | 8 | 3.79 | 3.71 | 3.85 | 423 | | |
| | 2 | 1 | 3.00 | 2.93 | 3.07 | 416 | 399 | |
| | | 2 | 3.46 | 3.38 | 3.52 | 404 | | |
| | | 3 | 3.73 | 3.66 | 3.80 | 391 | | |
| | | 4 | 3.99 | 3.92 | 4.06 | 402 | | |
| | | 5 | 4.15 | 4.08 | 4.22 | 411 | | |
| | | 6 | 4.40 | 4.33 | 4.47 | 393 | | |
| | | 7 | 4.73 | 4.66 | 4.80 | 380 | | |
| | | 8 | 4.88 | 4.81 | 4.95 | 393 | | |
| PCB-1260 | 1 | 1 | 5.20 | 5.13 | 5.27 | 390 | 381 | 2.2 |
| | | 2 | 5.55 | 5.47 | 5.61 | 391 | | |
| | | 3 | 5.89 | 5.82 | 5.96 | 389 | | |
| | | 4 | 6.04 | 5.97 | 6.11 | 380 | | |
| | | 5 | 6.37 | 6.30 | 6.44 | 380 | | |
| | | 6 | 7.35 | 7.28 | 7.42 | 379 | | |
| | | 7 | 7.51 | 7.44 | 7.58 | 379 | | |
| | | 8 | 8.72 | 8.65 | 8.79 | 359 | | |
| | 2 | 1 | 6.38 | 6.31 | 6.45 | 372 | 373 | |
| | | 2 | 6.72 | 6.64 | 6.78 | 371 | | |
| | | 3 | 7.35 | 7.28 | 7.42 | 371 | | |
| | | 4 | 7.54 | 7.47 | 7.61 | 374 | | |
| | | 5 | 7.65 | 7.58 | 7.72 | 363 | | |
| | | 6 | 8.19 | 8.12 | 8.26 | 390 | | |
| | | 7 | 9.37 | 9.30 | 9.44 | 375 | | |
| | | 8 | 10.04 | 9.97 | 10.11 | 367 | | |

FORM X
IDENTIFICATION SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-27128-1

SDG No.:

Client Sample ID: Lab Sample ID: 460-27126-A-1-D MS

Instrument ID (1): PESTGC7 Instrument ID (2): PESTGC7

Date Analyzed (1): 06/08/2011 14:28 Date Analyzed (2): 06/08/2011 14:28

GC Column (1): CLP-1 ID: 0.53(mm) GC Column (2): CLP-2 ID: 0.53(mm)

| ANALYTE | COL | PEAK | RT | RT WINDOW | | CONCENTRATION | | RPD |
|---|---|---|---|---|---|---|---|---|
| | | | | FROM | TO | PEAK | MEAN | |
| PCB-1016 | 1 | 1 | 2.42 | 2.35 | 2.49 | 449 | 458 | 5.9 |
| | | 2 | 2.75 | 2.67 | 2.81 | 460 | | |
| | | 3 | 2.94 | 2.87 | 3.01 | 452 | | |
| | | 4 | 3.20 | 3.13 | 3.27 | 467 | | |
| | | 5 | 3.35 | 3.28 | 3.42 | 466 | | |
| | | 6 | 3.41 | 3.34 | 3.48 | 469 | | |
| | | 7 | 3.56 | 3.49 | 3.63 | 441 | | |
| | | 8 | 3.79 | 3.71 | 3.85 | 463 | | |
| | 2 | 1 | 3.01 | 2.93 | 3.07 | 454 | 432 | |
| | | 2 | 3.47 | 3.38 | 3.52 | 460 | | |
| | | 3 | 3.72 | 3.66 | 3.80 | 169 | | |
| | | 4 | 4.00 | 3.92 | 4.06 | 469 | | |
| | | 5 | 4.17 | 4.08 | 4.22 | 479 | | |
| | | 6 | 4.41 | 4.33 | 4.47 | 475 | | |
| | | 7 | 4.74 | 4.66 | 4.80 | 468 | | |
| | | 8 | 4.90 | 4.81 | 4.95 | 481 | | |
| PCB-1260 | 1 | 1 | 5.21 | 5.13 | 5.27 | 434 | 429 | 0.7 |
| | | 2 | 5.55 | 5.47 | 5.61 | 439 | | |
| | | 3 | 5.89 | 5.82 | 5.96 | 443 | | |
| | | 4 | 6.04 | 5.97 | 6.11 | 433 | | |
| | | 5 | 6.37 | 6.30 | 6.44 | 425 | | |
| | | 6 | 7.36 | 7.28 | 7.42 | 431 | | |
| | | 7 | 7.52 | 7.44 | 7.58 | 407 | | |
| | | 8 | 8.72 | 8.65 | 8.79 | 418 | | |
| | 2 | 1 | 6.40 | 6.31 | 6.45 | 432 | 432 | |
| | | 2 | 6.73 | 6.64 | 6.78 | 437 | | |
| | | 3 | 7.36 | 7.28 | 7.42 | 432 | | |
| | | 4 | 7.56 | 7.47 | 7.61 | 432 | | |
| | | 5 | 7.67 | 7.58 | 7.72 | 428 | | |
| | | 6 | 8.21 | 8.12 | 8.26 | 450 | | |
| | | 7 | 9.38 | 9.30 | 9.44 | 432 | | |
| | | 8 | 10.04 | 9.97 | 10.11 | 411 | | |

FORM X
IDENTIFICATION SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-27128-1

SDG No.:

Client Sample ID: Lab Sample ID: 460-27126-A-1-E MSD

Instrument ID (1): PESTGC7 Instrument ID (2): PESTGC7

Date Analyzed (1): 06/08/2011 14:43 Date Analyzed (2): 06/08/2011 14:43

GC Column (1): CLP-1 ID: 0.53(mm) GC Column (2): CLP-2 ID: 0.53(mm)

| ANALYTE | COL | PEAK | RT | RT WINDOW | | CONCENTRATION | | RPD |
|---|---|---|---|---|---|---|---|---|
| | | | | FROM | TO | PEAK | MEAN | |
| PCB-1016 | 1 | 1 | 2.42 | 2.35 | 2.49 | 409 | 420 | 2.4 |
| | | 2 | 2.75 | 2.67 | 2.81 | 428 | | |
| | | 3 | 2.94 | 2.87 | 3.01 | 414 | | |
| | | 4 | 3.20 | 3.13 | 3.27 | 427 | | |
| | | 5 | 3.35 | 3.28 | 3.42 | 427 | | |
| | | 6 | 3.41 | 3.34 | 3.48 | 426 | | |
| | | 7 | 3.56 | 3.49 | 3.63 | 408 | | |
| | | 8 | 3.79 | 3.71 | 3.85 | 422 | | |
| | 2 | 1 | 3.00 | 2.93 | 3.07 | 404 | 430 | |
| | | 2 | 3.45 | 3.38 | 3.52 | 419 | | |
| | | 3 | 3.73 | 3.66 | 3.80 | 550 | | |
| | | 4 | 3.99 | 3.92 | 4.06 | 419 | | |
| | | 5 | 4.15 | 4.08 | 4.22 | 427 | | |
| | | 6 | 4.40 | 4.33 | 4.47 | 415 | | |
| | | 7 | 4.73 | 4.66 | 4.80 | 400 | | |
| | | 8 | 4.88 | 4.81 | 4.95 | 411 | | |
| PCB-1260 | 1 | 1 | 5.20 | 5.13 | 5.27 | 398 | 395 | 1.0 |
| | | 2 | 5.55 | 5.47 | 5.61 | 405 | | |
| | | 3 | 5.89 | 5.82 | 5.96 | 406 | | |
| | | 4 | 6.04 | 5.97 | 6.11 | 399 | | |
| | | 5 | 6.37 | 6.30 | 6.44 | 392 | | |
| | | 6 | 7.35 | 7.28 | 7.42 | 396 | | |
| | | 7 | 7.52 | 7.44 | 7.58 | 388 | | |
| | | 8 | 8.72 | 8.65 | 8.79 | 377 | | |
| | 2 | 1 | 6.38 | 6.31 | 6.45 | 396 | 391 | |
| | | 2 | 6.72 | 6.64 | 6.78 | 399 | | |
| | | 3 | 7.35 | 7.28 | 7.42 | 393 | | |
| | | 4 | 7.54 | 7.47 | 7.61 | 395 | | |
| | | 5 | 7.65 | 7.58 | 7.72 | 389 | | |
| | | 6 | 8.19 | 8.12 | 8.26 | 407 | | |
| | | 7 | 9.37 | 9.30 | 9.44 | 370 | | |
| | | 8 | 10.04 | 9.97 | 10.11 | 378 | | |

FORM I

GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-27128-1

SDG No.:

Client Sample ID: PP-SB05 S | Lab Sample ID: 460-27128-1

Matrix: Solid | Lab File ID: of173408.d

Analysis Method: 8082 | Date Collected: 05/25/2011 10:29

Extraction Method: 3541 | Date Extracted: 06/07/2011 06:04

Sample wt/vol: 15.00(g) | Date Analyzed: 06/08/2011 15:33

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: | GC Column: CLP-2 ID: 0.53(mm)

% Moisture: 1.9 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 76069 | Units: ug/Kg

| CAS NO. | SURROGATE | %REC | Q | LIMITS |
|---|---|---|---|---|
| 2051-24-3 | DCB Decachlorobiphenyl | 114 | | 30-150 |

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC7.i/8082/front/Jun11/06-08-11/08jun11c.b/of173408.d
Lab Smp Id: 460-27128-a-1-b
Inj Date : 08-JUN-2011 15:33
Operator : 462 Inst ID: PESTGC7.i
Smp Info : 460-27128-a-1-b
Misc Info :
Comment :
Method : /chem1/PESTGC7.i/8082/front/Jun11/06-08-11/08jun11c.b/08Of8082.m
Meth Date : 08-Jun-2011 17:33 Ex. 4 CBI Quant Type: ESTD
Cal Date : 02-JUN-2011 01:46 Cal File: of173251.d
Als bottle: 35
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: AllPCB.sub
Target Version: 3.50 Sample Matrix: SOIL
Processing Host: hpd3

Concentration Formula: Amt * DF * Vt/(Ws*(100-M)/100) * CpndVariable

| Name | Value | Description |
|---|---|---|
| DF | 1.00000 | Dilution Factor |
| Vt | 10.00000 | Volume of final extract (mL) |
| Ws | 15.00000 | Weight of sample extracted (g) |
| M | 0.00000 | % Moisture |

Cpnd Variable Local Compound Variable

| RT | EXP RT | DLT RT | RESPONSE | CONCENTRATIONS ON-COL ( ug/L) | FINAL (ug/kg) | TARGET RANGE | RATIO |
|---|---|---|---|---|---|---|---|
| $ 30 Decachlorobiphenyl(surr) | | | | | CAS #: 2051-24-3 | | |
| 10.550 | 10.550 | 0.000 | 170784 | 57.1785 | | 80.00- 120.00 | 100.00(aRM) |

QC Flag Legend

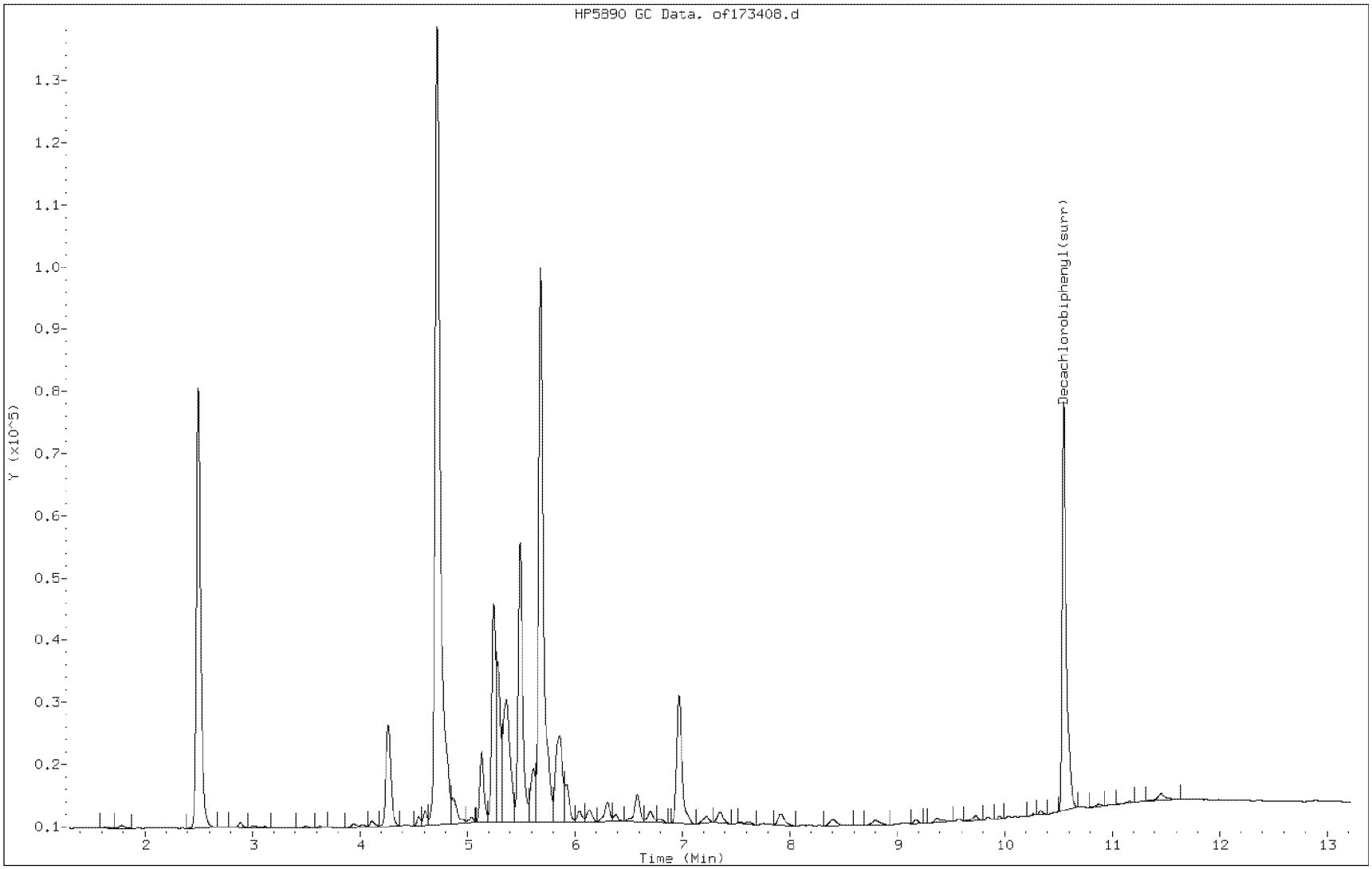
a - Target compound detected but, quantitated amount
Below Limit Of Quantitation(BLOQ).
R - Spike/Surrogate failed recovery limits.
M - Compound response manually integrated.

Data File: of173408.d

Date: 08-JUN-2011 15:33

Client ID: Instrument: PESTGC7.i

Sample Info: 460-27128-a-1-b Operator: 462



Manual Integration Report

Data File: of173408.d
Inj. Date and Time: 08-JUN-2011 15:33
Instrument ID: PESTGC7.i
Client ID:
Compound: 30 Decachlorobiphenyl(surr)
CAS #: 2051-24-3
Report Date: 06/08/2011

Processing Integration Results

Not Detected

Expected RT: 10.55

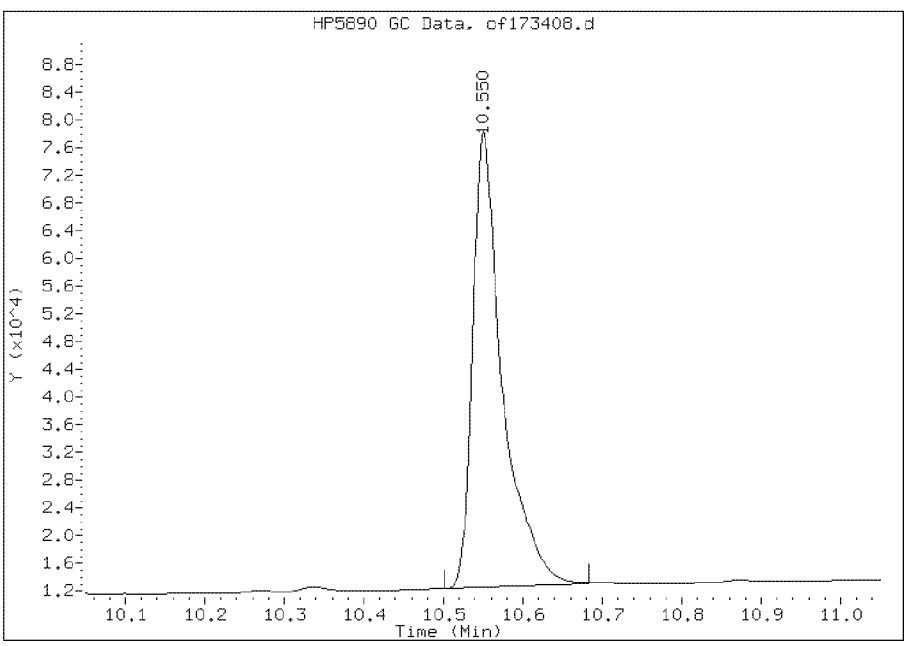
Manual Integration Results

RT: 10.55

Response: 170784

Amount: 57.18

Conc: 0.00




Manually Integrated By: Ex. 4 CBI
Manual Integration Reason: Baseline Event

FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-27128-1

SDG No.:

Client Sample ID: PP-SB05 S | Lab Sample ID: 460-27128-1

Matrix: Solid | Lab File ID: or173408.d

Analysis Method: 8082 | Date Collected: 05/25/2011 10:29

Extraction Method: 3541 | Date Extracted: 06/07/2011 06:04

Sample wt/vol: 15.00(g) | Date Analyzed: 06/08/2011 15:33

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: | GC Column: CLP-1 ID: 0.53(mm)

% Moisture: 1.9 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 76069 | Units: ug/Kg

| CAS NO. | COMPOUND NAME | RESULT | Q | RL | MDL |
|---|---|---|---|---|---|
| 12674-11-2 | PCB-1016 | 68 | U | 68 | 13 |
| 11104-28-2 | PCB-1221 | 68 | U | 68 | 21 |
| 11141-16-5 | PCB-1232 | 68 | U | 68 | 39 |
| 53469-21-9 | PCB-1242 | 68 | U | 68 | 13 |
| 12672-29-6 | PCB-1248 | 68 | U | 68 | 18 |
| 11097-69-1 | PCB-1254 | 68 | U | 68 | 23 |
| 11096-82-5 | PCB-1260 | 68 | U | 68 | 7.6 |

| CAS NO. | SURROGATE | %REC | Q | LIMITS |
|---|---|---|---|---|
| 2051-24-3 | DCB Decachlorobiphenyl | 97 | | 30-150 |

Data File: or173408.d
Report Date: 08-Jun-2011 17:38

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC7.i/8082/rear/Jun11/06-08-11/08jun11c.b/or173408.d
Lab Smp Id: 460-27128-a-1-b
Inj Date : 08-JUN-2011 15:33
Operator : 462 Inst ID: PESTGC7.i
Smp Info : 460-27128-a-1-b
Misc Info :
Comment :
Method : /chem1/PESTGC7.i/8082/rear/Jun11/06-08-11/08jun11c.b/08Or8082.m
Meth Date : 08-Jun-2011 17:33 Ex. 4 CBI Quant Type: ESTD
Cal Date : 02-JUN-2011 01:46 Cal File: or173251.d
Als bottle: 35
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: AllPCB.sub
Target Version: 3.50 Sample Matrix: SOIL
Processing Host: hpd3

Concentration Formula: Amt * DF * Vt/(Ws*(100-M)/100) * CpndVariable

| Name | Value | Description |
|---|---|---|
| DF | 1.00000 | Dilution Factor |
| Vt | 10.00000 | Volume of final extract (mL) |
| Ws | 15.00000 | Weight of sample extracted (g) |
| M | 0.00000 | % Moisture |

Cpnd Variable Local Compound Variable

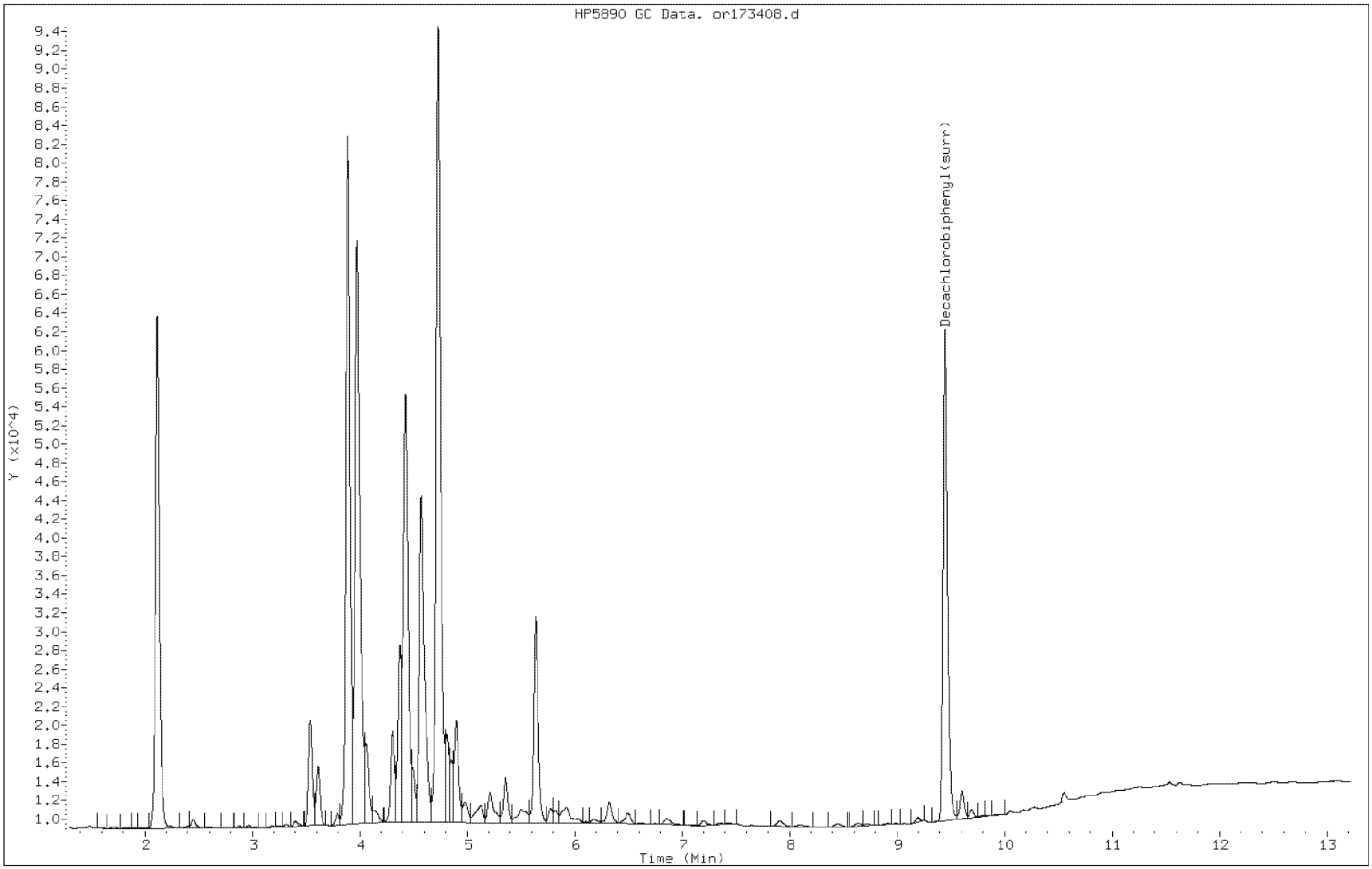
| RT | EXP RT | DLT RT | RESPONSE | CONCENTRATIONS ON-COL ( ug/L) | FINAL (ug/kg) | TARGET RANGE | RATIO |
|---|---|---|---|---|---|---|---|
| $ 30 Decachlorobiphenyl(surr) | | | | | CAS #: 2051-24-3 | | |
| 9.447 | 9.445 | 0.002 | 152699 | 48.5205 | 32 | 80.00- 120.00 | 100.00 |

Data File: or173408.d

Date: 08-JUN-2011 15:33

Client ID: Instrument: PESTGC7.i

Sample Info: 460-27128-a-1-b Operator: 462



FORM I

GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-27128-1

SDG No.:

Client Sample ID: PP-MW06 D | Lab Sample ID: 460-27128-2

Matrix: Solid | Lab File ID: of173409.d

Analysis Method: 8082 | Date Collected: 05/25/2011 12:31

Extraction Method: 3541 | Date Extracted: 06/07/2011 06:04

Sample wt/vol: 15.01(g) | Date Analyzed: 06/08/2011 15:48

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: | GC Column: CLP-2 ID: 0.53(mm)

% Moisture: 6.9 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 76069 | Units: ug/Kg

| CAS NO. | SURROGATE | %REC | Q | LIMITS |
|---|---|---|---|---|
| 2051-24-3 | DCB Decachlorobiphenyl | 119 | | 30-150 |

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC7.i/8082/front/Jun11/06-08-11/08jun11c.b/of173409.d
Lab Smp Id: 460-27128-a-2-b
Inj Date : 08-JUN-2011 15:48
Operator : 462 Inst ID: PESTGC7.i
Smp Info : 460-27128-a-2-b
Misc Info :
Comment :
Method : /chem1/PESTGC7.i/8082/front/Jun11/06-08-11/08jun11c.b/08Of8082.m
Meth Date : 08-Jun-2011 17:33 Ex. 4 CBI Quant Type: ESTD
Cal Date : 02-JUN-2011 01:46 Cal File: of173251.d
Als bottle: 36
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: AllPCB.sub
Target Version: 3.50 Sample Matrix: SOIL
Processing Host: hpd3

Concentration Formula: Amt * DF * Vt/(Ws*(100-M)/100) * CpndVariable

| Name | Value | Description |
|---|---|---|
| DF | 1.00000 | Dilution Factor |
| Vt | 10.00000 | Volume of final extract (mL) |
| Ws | 15.00000 | Weight of sample extracted (g) |
| M | 0.00000 | % Moisture |

Cpnd Variable Local Compound Variable

| RT | EXP RT | DLT RT | RESPONSE | CONCENTRATIONS ON-COL ( ug/L) | FINAL (ug/kg) | TARGET RANGE | RATIO |
|---|---|---|---|---|---|---|---|
| $ 30 Decachlorobiphenyl(surr) | | | | | CAS #: 2051-24-3 | | |
| 10.550 | 10.550 | 0.000 | 178294 | 59.6928 | | 80.00- 120.00 | 100.00(aR) |

QC Flag Legend

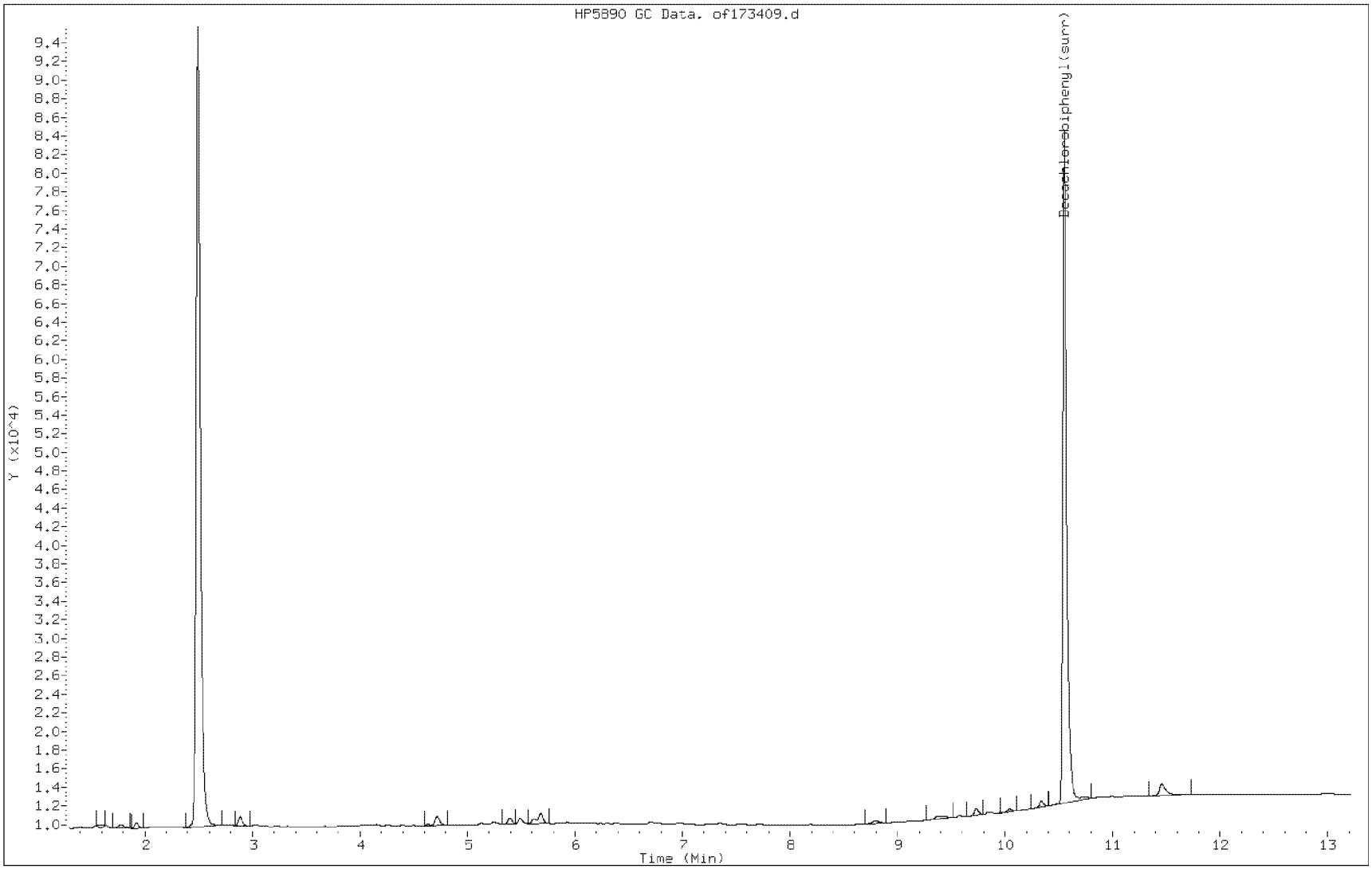
a - Target compound detected but, quantitated amount
Below Limit Of Quantitation(BLOQ).
R - Spike/Surrogate failed recovery limits.

Data File: of173409.d

Date: 08-JUN-2011 15:48

Client ID: Instrument: PESTGC7.i

Sample Info: 460-27128-a-2-b Operator: 462



FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-27128-1

SDG No.:

Client Sample ID: PP-MW06 D | Lab Sample ID: 460-27128-2

Matrix: Solid | Lab File ID: or173409.d

Analysis Method: 8082 | Date Collected: 05/25/2011 12:31

Extraction Method: 3541 | Date Extracted: 06/07/2011 06:04

Sample wt/vol: 15.01(g) | Date Analyzed: 06/08/2011 15:48

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: | GC Column: CLP-1 ID: 0.53(mm)

% Moisture: 6.9 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 76069 | Units: ug/Kg

| CAS NO. | COMPOUND NAME | RESULT | Q | RL | MDL |
|---|---|---|---|---|---|
| 12674-11-2 | PCB-1016 | 72 | U | 72 | 14 |
| 11104-28-2 | PCB-1221 | 72 | U | 72 | 22 |
| 11141-16-5 | PCB-1232 | 72 | U | 72 | 41 |
| 53469-21-9 | PCB-1242 | 72 | U | 72 | 14 |
| 12672-29-6 | PCB-1248 | 72 | U | 72 | 19 |
| 11097-69-1 | PCB-1254 | 72 | U | 72 | 25 |
| 11096-82-5 | PCB-1260 | 72 | U | 72 | 8.0 |

| CAS NO. | SURROGATE | %REC | Q | LIMITS |
|---|---|---|---|---|
| 2051-24-3 | DCB Decachlorobiphenyl | 121 | | 30-150 |

Data File: or173409.d
Report Date: 08-Jun-2011 17:38

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC7.i/8082/rear/Jun11/06-08-11/08jun11c.b/or173409.d
Lab Smp Id: 460-27128-a-2-b
Inj Date : 08-JUN-2011 15:48
Operator : 462 Inst ID: PESTGC7.i
Smp Info : 460-27128-a-2-b
Misc Info :
Comment :
Method : /chem1/PESTGC7.i/8082/rear/Jun11/06-08-11/08jun11c.b/08Or8082.m
Meth Date : 08-Jun-2011 17:33 Ex. 4 CBI Quant Type: ESTD
Cal Date : 02-JUN-2011 01:46 Cal File: or173251.d
Als bottle: 36
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: AllPCB.sub
Target Version: 3.50 Sample Matrix: SOIL
Processing Host: hpd3

Concentration Formula: Amt * DF * Vt/(Ws*(100-M)/100) * CpndVariable

| Name | Value | Description |
|---|---|---|
| DF | 1.00000 | Dilution Factor |
| Vt | 10.00000 | Volume of final extract (mL) |
| Ws | 15.00000 | Weight of sample extracted (g) |
| M | 0.00000 | % Moisture |

Cpnd Variable Local Compound Variable

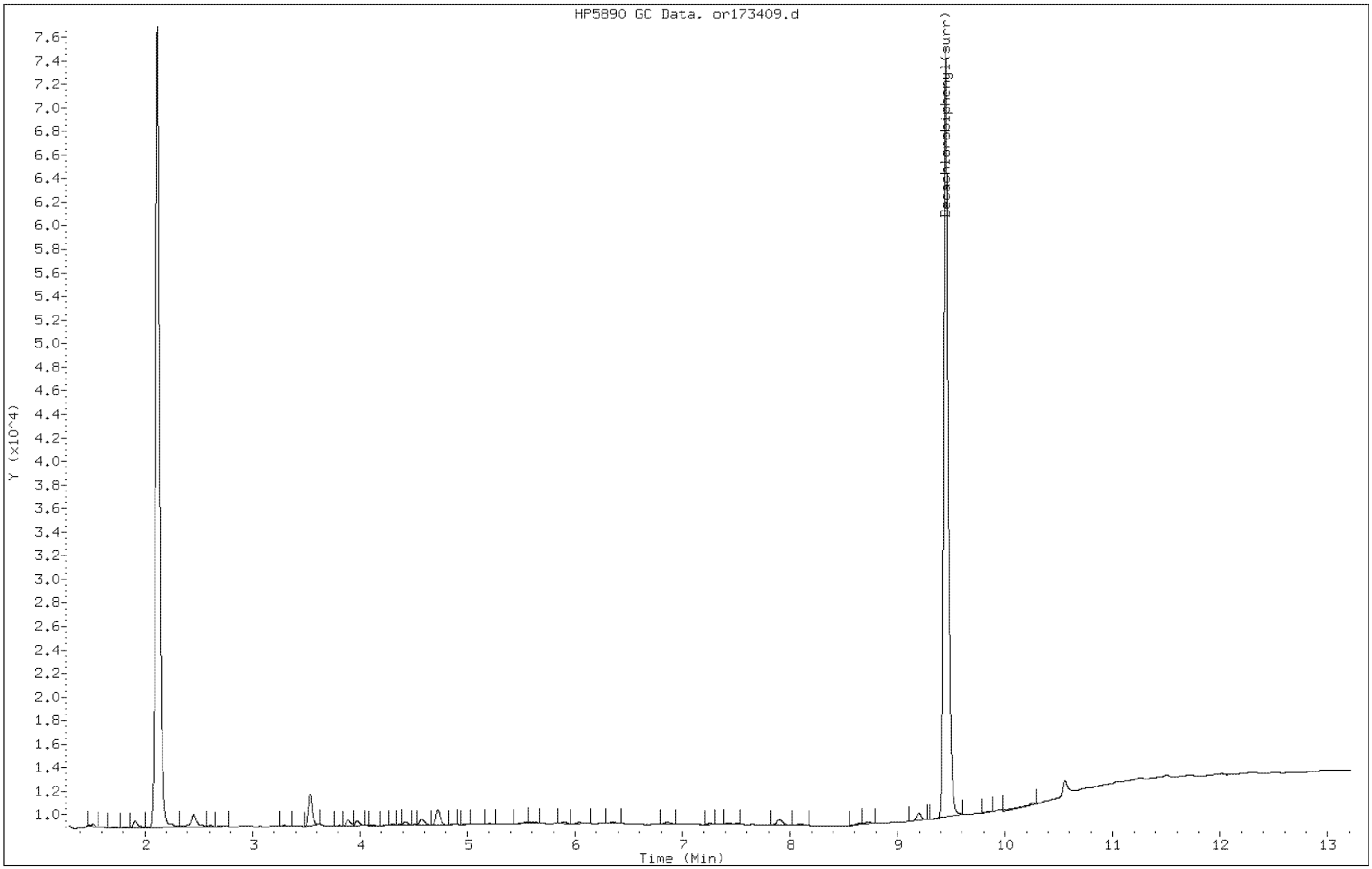
| RT | EXP RT | DLT RT | RESPONSE | CONCENTRATIONS ON-COL ( ug/L) | FINAL (ug/kg) | TARGET RANGE | RATIO |
|---|---|---|---|---|---|---|---|
| $ 30 Decachlorobiphenyl(surr) | | | | | CAS #: 2051-24-3 | | |
| 9.447 | 9.445 | 0.002 | 189814 | 60.3139 | 40 | 80.00- 120.00 | 100.00 |

Data File: or173409.d

Date: 08-JUN-2011 15:48

Client ID: Instrument: PESTGC7.i

Sample Info: 460-27128-a-2-b Operator: 462



FORM VI
GC SEMI VOA INITIAL CALIBRATION DATA
EXTERNAL STANDARD RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-27128-1 Analy Batch No.: 75405

SDG No.:

Instrument ID: PESTGC7 GC Column: CLP-2 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 06/01/2011 22:45 Calibration End Date: 06/01/2011 23:51 Calibration ID: 11079

Calibration Files:

| LEVEL: | LAB SAMPLE ID: | LAB FILE ID: |
|---|---|---|
| Level 1 | IC 460-75405/2 | of173240.d |
| Level 2 | IC 460-75405/3 | of173241.d |
| Level 3 | IC 460-75405/4 | of173242.d |
| Level 4 | IC 460-75405/5 | of173243.d |
| Level 5 | IC 460-75405/6 | of173244.d |

| ANALYTE | LVL 1 | LVL 2 | LVL 3 | LVL 4 | LVL 5 | | | | | | RT WINDOW | AVG RT |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| PCB-1016 Peak 1 | 2.993 | 2.995 | 2.995 | 2.995 | 2.990 | | | | | | 2.925 - 3.065 | 2.994 |
| PCB-1016 Peak 2 | 3.450 | 3.452 | 3.452 | 3.452 | 3.447 | | | | | | 3.382 - 3.522 | 3.450 |
| PCB-1016 Peak 3 | 3.727 | 3.728 | 3.728 | 3.728 | 3.723 | | | | | | 3.658 - 3.798 | 3.727 |
| PCB-1016 Peak 4 | 3.982 | 3.985 | 3.985 | 3.985 | 3.980 | | | | | | 3.915 - 4.055 | 3.983 |
| PCB-1016 Peak 5 | 4.147 | 4.150 | 4.150 | 4.150 | 4.145 | | | | | | 4.080 - 4.220 | 4.148 |
| PCB-1016 Peak 6 | 4.392 | 4.393 | 4.393 | 4.393 | 4.388 | | | | | | 4.323 - 4.463 | 4.392 |
| PCB-1016 Peak 7 | 4.723 | 4.725 | 4.725 | 4.725 | 4.720 | | | | | | 4.655 - 4.795 | 4.724 |
| PCB-1016 Peak 8 | 4.878 | 4.882 | 4.882 | 4.882 | 4.877 | | | | | | 4.812 - 4.952 | 4.880 |
| PCB-1260 Peak 1 | 6.378 | 6.380 | 6.380 | 6.380 | 6.377 | | | | | | 6.310 - 6.450 | 6.379 |
| PCB-1260 Peak 2 | 6.712 | 6.713 | 6.713 | 6.713 | 6.710 | | | | | | 6.643 - 6.783 | 6.712 |
| PCB-1260 Peak 3 | 7.345 | 7.347 | 7.347 | 7.347 | 7.343 | | | | | | 7.277 - 7.417 | 7.346 |
| PCB-1260 Peak 4 | 7.538 | 7.542 | 7.542 | 7.540 | 7.537 | | | | | | 7.472 - 7.612 | 7.540 |
| PCB-1260 Peak 5 | 7.652 | 7.653 | 7.653 | 7.653 | 7.650 | | | | | | 7.583 - 7.723 | 7.652 |
| PCB-1260 Peak 6 | 8.190 | 8.192 | 8.192 | 8.192 | 8.187 | | | | | | 8.122 - 8.262 | 8.190 |
| PCB-1260 Peak 7 | 9.370 | 9.370 | 9.368 | 9.368 | 9.367 | | | | | | 9.298 - 9.438 | 9.369 |
| PCB-1260 Peak 8 | 10.037 | 10.037 | 10.035 | 10.035 | 10.033 | | | | | | 9.965 - 10.105 | 10.035 |
| DCB Decachlorobiphenyl | 10.550 | 10.550 | 10.550 | 10.550 | 10.548 | | | | | | 10.450 - 10.650 | 10.550 |

FORM VI
GC SEMI VOA INITIAL CALIBRATION DATA
EXTERNAL STANDARD CURVE EVALUTION

Lab Name: TestAmerica Edison Job No.: 460-27128-1 Analy Batch No.: 75405

SDG No.:

Instrument ID: PESTGC7 GC Column: CLP-2 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 06/01/2011 22:45 Calibration End Date: 06/01/2011 23:51 Calibration ID: 11079

Calibration Files:

| LEVEL: | LAB SAMPLE ID: | LAB FILE ID: |
|---|---|---|
| Level 1 | IC 460-75405/2 | of173240.d |
| Level 2 | IC 460-75405/3 | of173241.d |
| Level 3 | IC 460-75405/4 | of173242.d |
| Level 4 | IC 460-75405/5 | of173243.d |
| Level 5 | IC 460-75405/6 | of173244.d |

| ANALYTE | CF | | | | CURVE TYPE | COEFFICIENT | | | # | MIN CF | %RSD | # | MAX %RSD | R^2 OR COD | # | MIN R^2 OR COD |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | LVL 1<br>LVL 5 | LVL 2 | LVL 3 | LVL 4 | | B | M1 | M2 | | | | | | | | |
| PCB-1016 Peak 1 | 85.930<br>79.629 | 101.19 | 89.246 | 88.918 | Ave | | 88.9821600 | | | | 8.8 | | 20.0 | | | |
| PCB-1016 Peak 2 | 199.98<br>163.39 | 220.86 | 189.79 | 189.63 | Ave | | 192.730467 | | | | 10.8 | | 20.0 | | | |
| PCB-1016 Peak 3 | 91.840<br>81.790 | 108.05 | 93.386 | 93.780 | Ave | | 93.7700000 | | | | 10.0 | | 20.0 | | | |
| PCB-1016 Peak 4 | 331.40<br>311.97 | 399.89 | 351.48 | 355.72 | Ave | | 350.090387 | | | | 9.4 | | 20.0 | | | |
| PCB-1016 Peak 5 | 150.36<br>136.06 | 178.95 | 156.44 | 155.52 | Ave | | 155.467360 | | | | 9.9 | | 20.0 | | | |
| PCB-1016 Peak 6 | 82.160<br>70.103 | 96.264 | 80.907 | 79.948 | Ave | | 81.8763600 | | | | 11.4 | | 20.0 | | | |
| PCB-1016 Peak 7 | 108.97<br>94.478 | 129.79 | 110.87 | 107.30 | Ave | | 110.280787 | | | | 11.5 | | 20.0 | | | |
| PCB-1016 Peak 8 | 106.75<br>111.50 | 141.43 | 126.43 | 125.38 | Ave | | 122.297253 | | | | 11.2 | | 20.0 | | | |
| PCB-1260 Peak 1 | 288.22<br>212.82 | 276.62 | 240.79 | 243.15 | Ave | | 252.322027 | | | | 12.0 | | 20.0 | | | |
| PCB-1260 Peak 2 | 325.11<br>237.65 | 310.44 | 269.67 | 271.91 | Ave | | 282.956787 | | | | 12.3 | | 20.0 | | | |
| PCB-1260 Peak 3 | 431.95<br>365.41 | 453.06 | 402.97 | 413.12 | Ave | | 413.301987 | | | | 8.0 | | 20.0 | | | |
| PCB-1260 Peak 4 | 222.34<br>166.75 | 213.23 | 186.82 | 189.81 | Ave | | 195.791453 | | | | 11.3 | | 20.0 | | | |
| PCB-1260 Peak 5 | 128.64<br>101.33 | 124.91 | 110.91 | 114.06 | Ave | | 115.970360 | | | | 9.5 | | 20.0 | | | |
| PCB-1260 Peak 6 | 219.91<br>203.73 | 229.47 | 223.12 | 210.00 | Ave | | 217.245027 | | | | 4.8 | | 20.0 | | | |
| PCB-1260 Peak 7 | 307.82<br>255.90 | 311.77 | 280.08 | 284.85 | Ave | | 288.082507 | | | | 7.9 | | 20.0 | | | |

Note: The m1 coefficient is the same as Ave CF for an Ave curve type.

FORM VI
GC SEMI VOA INITIAL CALIBRATION DATA
EXTERNAL STANDARD CURVE EVALUTION

Lab Name: TestAmerica Edison Job No.: 460-27128-1 Analy Batch No.: 75405

SDG No.:

Instrument ID: PESTGC7 GC Column: CLP-2 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 06/01/2011 22:45 Calibration End Date: 06/01/2011 23:51 Calibration ID: 11079

| ANALYTE | CF | | | | CURVE TYPE | COEFFICIENT | | | # | MIN CF | %RSD | # | MAX %RSD | R^2 OR COD | # | MIN R^2 OR COD |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | LVL 1<br>LVL 5 | LVL 2 | LVL 3 | LVL 4 | | B | M1 | M2 | | | | | | | | |
| PCB-1260 Peak 8 | 108.58<br>87.498 | 103.17 | 98.127 | 97.689 | Ave | | 99.0130533 | | | | 7.9 | | 20.0 | | | |
| DCB Decachlorobiphenyl | 3447.8<br>2600.3 | 3258.4 | 2871.2 | 2756.6 | Ave | | 2986.85933 | | | | 11.9 | | 20.0 | | | |

Note: The m1 coefficient is the same as Ave CF for an Ave curve type.

FORM VI
GC SEMI VOA INITIAL CALIBRATION DATA
EXTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Edison Job No.: 460-27128-1 Analy Batch No.: 75405

SDG No.:

Instrument ID: PESTGC7 GC Column: CLP-2 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 06/01/2011 22:45 Calibration End Date: 06/01/2011 23:51 Calibration ID: 11079

Calibration Files:

| LEVEL: | LAB SAMPLE ID: | LAB FILE ID: |
|---|---|---|
| Level 1 | IC 460-75405/2 | of173240.d |
| Level 2 | IC 460-75405/3 | of173241.d |
| Level 3 | IC 460-75405/4 | of173242.d |
| Level 4 | IC 460-75405/5 | of173243.d |
| Level 5 | IC 460-75405/6 | of173244.d |

| ANALYTE | CURVE TYPE | RESPONSE | | | | | CONCENTRATION (UG/L) | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | LVL 1 | LVL 2 | LVL 3 | LVL 4 | LVL 5 | LVL 1 | LVL 2 | LVL 3 | LVL 4 | LVL 5 |
| PCB-1016 Peak 1 | Ave | 8593 | 50594 | 89246 | 133377 | 199072 | 100 | 500 | 1000 | 1500 | 2500 |
| PCB-1016 Peak 2 | Ave | 19998 | 110431 | 189789 | 284450 | 408470 | 100 | 500 | 1000 | 1500 | 2500 |
| PCB-1016 Peak 3 | Ave | 9184 | 54027 | 93386 | 140670 | 204475 | 100 | 500 | 1000 | 1500 | 2500 |
| PCB-1016 Peak 4 | Ave | 33140 | 199947 | 351475 | 533576 | 779914 | 100 | 500 | 1000 | 1500 | 2500 |
| PCB-1016 Peak 5 | Ave | 15036 | 89475 | 156444 | 233280 | 340157 | 100 | 500 | 1000 | 1500 | 2500 |
| PCB-1016 Peak 6 | Ave | 8216 | 48132 | 80907 | 119922 | 175257 | 100 | 500 | 1000 | 1500 | 2500 |
| PCB-1016 Peak 7 | Ave | 10897 | 64893 | 110869 | 160952 | 236194 | 100 | 500 | 1000 | 1500 | 2500 |
| PCB-1016 Peak 8 | Ave | 10675 | 70714 | 126434 | 188068 | 278739 | 100 | 500 | 1000 | 1500 | 2500 |
| PCB-1260 Peak 1 | Ave | 28822 | 138312 | 240792 | 364724 | 532062 | 100 | 500 | 1000 | 1500 | 2500 |
| PCB-1260 Peak 2 | Ave | 32511 | 155220 | 269667 | 407870 | 594134 | 100 | 500 | 1000 | 1500 | 2500 |
| PCB-1260 Peak 3 | Ave | 43195 | 226529 | 402973 | 619685 | 913514 | 100 | 500 | 1000 | 1500 | 2500 |
| PCB-1260 Peak 4 | Ave | 22234 | 106617 | 186815 | 284722 | 416884 | 100 | 500 | 1000 | 1500 | 2500 |
| PCB-1260 Peak 5 | Ave | 12864 | 62456 | 110907 | 171096 | 253322 | 100 | 500 | 1000 | 1500 | 2500 |
| PCB-1260 Peak 6 | Ave | 21991 | 114735 | 223117 | 315002 | 509317 | 100 | 500 | 1000 | 1500 | 2500 |
| PCB-1260 Peak 7 | Ave | 30782 | 155884 | 280076 | 427280 | 639738 | 100 | 500 | 1000 | 1500 | 2500 |
| PCB-1260 Peak 8 | Ave | 10858 | 51586 | 98127 | 146533 | 218744 | 100 | 500 | 1000 | 1500 | 2500 |
| DCB Decachlorobiphenyl | Ave | 86195 | 162922 | 287117 | 413485 | 520064 | 25.0 | 50.0 | 100 | 150 | 200 |

Curve Type Legend:
Ave = Average

Data File: of173240.d
Report Date: 02-Jun-2011 08:31

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC7.i/8082/front/Jun11/06-02-11ical/02jun11a.b/of173240.d
Lab Smp Id: SG1660L1_00009
Inj Date : 01-JUN-2011 22:45
Operator : 462 Inst ID: PESTGC7.i
Smp Info : SG1660L1_00009
Misc Info :
Comment :
Method : /chem1/PESTGC7.i/8082/front/Jun11/06-02-11ical/02jun11a.b/08Of8082.m
Meth Date : 02-Jun-2011 07:18 Ex. 4 CBI Quant Type: ESTD
Cal Date : 01-JUN-2011 23:02 Cal File: of173241.d
Als bottle: 9 Calibration Sample, Level: 1
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: AR16600S.sub
Target Version: 3.50 Sample Matrix: WATER
Processing Host: hpd3

Concentration Formula: Amt * DF * ((Vt)/(Vo))/1000 * CpndVariable

| Name | Value | Description |
|---|---|---|
| DF | 1.00000 | Dilution Factor |
| Vt | 4.00000 | Volume of final extract (mL) |
| Vo | 1.00000 | Volume of sample extracted (mL) |

Cpnd Variable Local Compound Variable

| RT | EXP RT | DLT RT | RESPONSE | AMOUNTS CAL-AMT ( ug/L) | AMOUNTS ON-COL ( ug/L) | TARGET RANGE | RATIO |
|---|---|---|---|---|---|---|---|
| 21 Aroclor-1016 | | | | | CAS #: 12674-11-2 | | |
| 2.993 | 2.993 | 0.000 | 8593 | 100.000 | 92 | 80.00- 120.00 | 100.00(M) |
| 3.450 | 3.450 | 0.000 | 19998 | 100.000 | 95 | 174.61- 261.92 | 232.72 |
| 3.727 | 3.727 | 0.000 | 9184 | 100.000 | 92 | 85.43- 128.14 | 106.88 |
| 3.982 | 3.982 | 0.000 | 33140 | 100.000 | 91 | 316.15- 474.23 | 385.66 |
| 4.147 | 4.147 | 0.000 | 15036 | 100.000 | 91 | 141.48- 212.22 | 174.98 |
| 4.392 | 4.392 | 0.000 | 8216 | 100.000 | 92 | 76.11- 114.16 | 95.62 |
| 4.723 | 4.723 | 0.000 | 10897 | 100.000 | 91 | 102.61- 153.91 | 126.81 |
| 4.878 | 4.878 | 0.000 | 10675 | 100.000 | 86 | 111.81- 167.72 | 124.24 |
| Average of Peak Amounts = | | | | | 91.3 | | |
| 27 Aroclor-1260 | | | | | CAS #: 11096-82-5 | | |
| 6.378 | 6.378 | 0.000 | 28822 | 100.000 | 100 | 80.00- 120.00 | 100.00(M) |
| 6.712 | 6.712 | 0.000 | 32511 | 100.000 | 100 | 89.78- 134.67 | 112.80 |

Data File: of173240.d
Report Date: 02-Jun-2011 08:31

| RT | EXP RT | DLT RT | RESPONSE | AMOUNTS CAL-AMT ( ug/L) | AMOUNTS ON-COL ( ug/L) | TARGET RANGE | RATIO |
|---|---|---|---|---|---|---|---|
| 27 Aroclor-1260 (continued) | | | | | | | |
| 7.345 | 7.345 | 0.000 | 43195 | 100.000 | 98 | 131.03- 196.54 | 149.87 |
| 7.538 | 7.538 | 0.000 | 22234 | 100.000 | 100 | 61.67- 92.50 | 77.14 |
| 7.652 | 7.652 | 0.000 | 12864 | 100.000 | 100 | 36.12- 54.19 | 44.63 |
| 8.190 | 8.190 | 0.000 | 21991 | 100.000 | 98 | 66.36- 99.54 | 76.30 |
| 9.370 | 9.370 | 0.000 | 30782 | 100.000 | 99 | 90.16- 135.25 | 106.80 |
| 10.037 | 10.037 | 0.000 | 10858 | 100.000 | 100 | 29.84- 44.76 | 37.67 |
| Average of Peak Amounts = | | | | | 101 | | |
| $ 30 Decachlorobiphenyl(surr) | | | | | CAS #: 2051-24-3 | | |
| 10.550 | 10.550 | 0.000 | 86195 | 25.0000 | 26 | 80.00- 120.00 | 100.00(M) |

QC Flag Legend

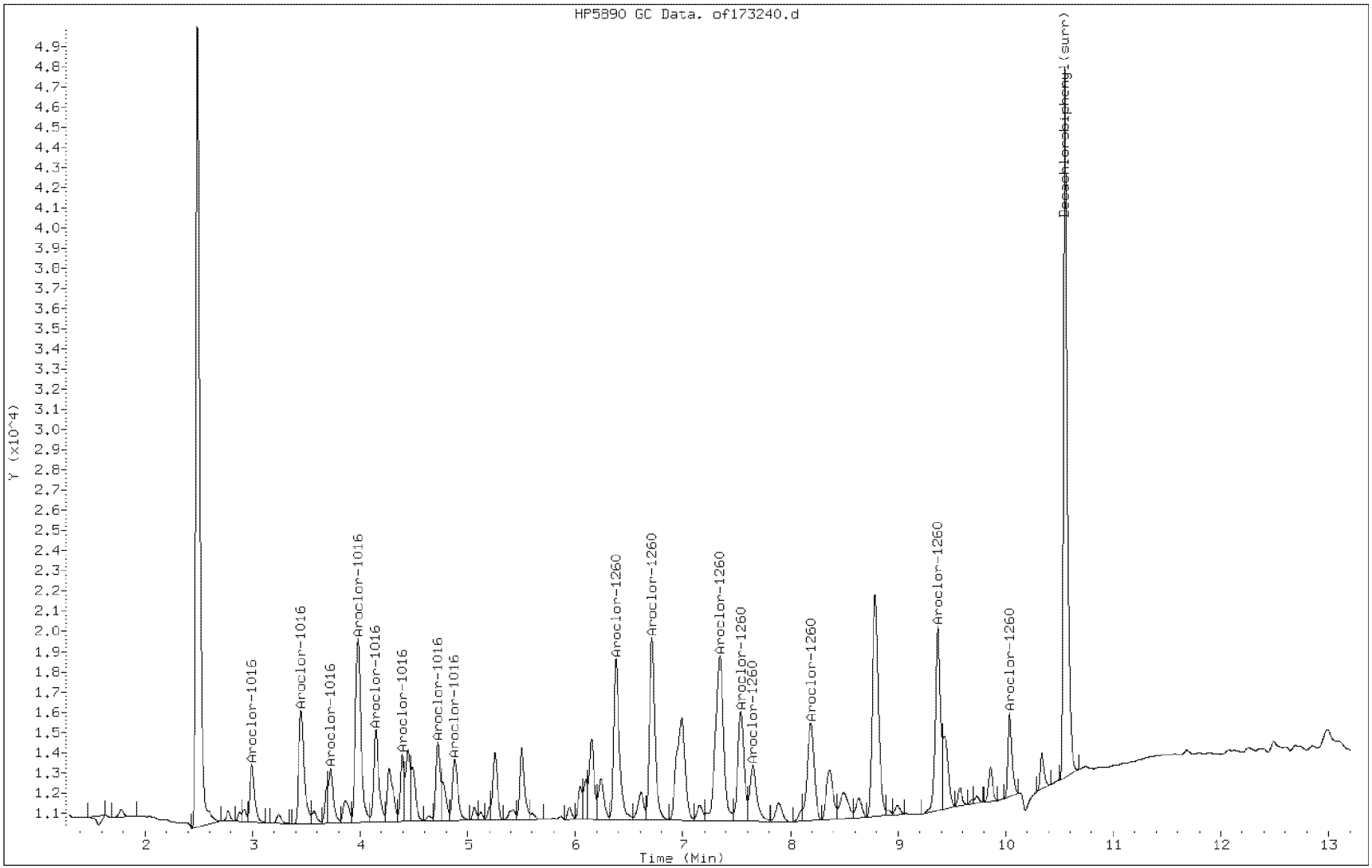
M - Compound response manually integrated.

Data File: of173240.d

Date: 01-JUN-2011 22:45

Client ID: Instrument: PESTGC7.i

Sample Info: SG1660L1_00009 Operator: 462



Manual Integration Report

Data File: of173240.d
Inj. Date and Time: 01-JUN-2011 22:45
Instrument ID: PESTGC7.i
Client ID:
Compound: 30 Decachlorobiphenyl(surr)
CAS #: 2051-24-3
Report Date: 06/02/2011

Processing Integration Results

Not Detected

Expected RT: 10.55

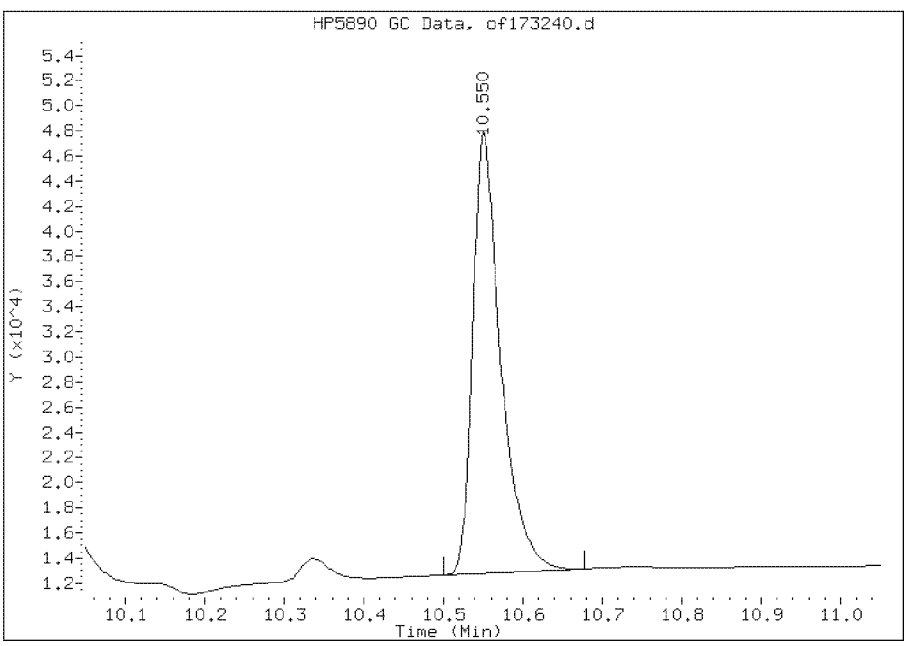
Manual Integration Results

RT: 10.55

Response: 86195

Amount: 25.71

Conc: 25.71




Manually Integrated By: Ex. 4 CBI
Manual Integration Reason: Baseline Event

Data File: of173241.d
Report Date: 02-Jun-2011 08:32

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC7.i/8082/front/Jun11/06-02-11ical/02jun11a.b/of173241.d
Lab Smp Id: SG1660L2_00009
Inj Date : 01-JUN-2011 23:02
Operator : 462 Inst ID: PESTGC7.i
Smp Info : SG1660L2_00009
Misc Info :
Comment :
Method : /chem1/PESTGC7.i/8082/front/Jun11/06-02-11ical/02jun11a.b/08Of8082.m
Meth Date : 02-Jun-2011 07:18 Ex. 4 CBI Quant Type: ESTD
Cal Date : 01-JUN-2011 22:45 Cal File: of173240.d
Als bottle: 10 Calibration Sample, Level: 2
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: AR16600S.sub
Target Version: 3.50 Sample Matrix: WATER
Processing Host: hpd3

Concentration Formula: Amt * DF * ((Vt)/(Vo))/1000 * CpndVariable

| Name | Value | Description |
|---|---|---|
| DF | 1.00000 | Dilution Factor |
| Vt | 4.00000 | Volume of final extract (mL) |
| Vo | 1.00000 | Volume of sample extracted (mL) |

Cpnd Variable Local Compound Variable

| RT | EXP RT | DLT RT | RESPONSE | AMOUNTS CAL-AMT ( ug/L) | AMOUNTS ON-COL ( ug/L) | TARGET RANGE | RATIO |
|---|---|---|---|---|---|---|---|
| 21 Aroclor-1016 | | | | | CAS #: 12674-11-2 | | |
| 2.995 | 2.993 | 0.002 | 50594 | 500.000 | 540 | 80.00- 120.00 | 100.00(M) |
| 3.452 | 3.450 | 0.002 | 110431 | 500.000 | 520 | 186.18- 279.26 | 218.27 |
| 3.728 | 3.727 | 0.001 | 54027 | 500.000 | 540 | 85.50- 128.25 | 106.78 |
| 3.985 | 3.982 | 0.003 | 199947 | 500.000 | 550 | 308.52- 462.79 | 395.19 |
| 4.150 | 4.147 | 0.003 | 89475 | 500.000 | 540 | 139.98- 209.98 | 176.85 |
| 4.393 | 4.392 | 0.001 | 48132 | 500.000 | 540 | 76.49- 114.74 | 95.13 |
| 4.725 | 4.723 | 0.002 | 64893 | 500.000 | 540 | 101.45- 152.18 | 128.26 |
| 4.882 | 4.878 | 0.004 | 70714 | 500.000 | 570 | 99.39- 149.08 | 139.77 |
| Average of Peak Amounts = | | | | | 544 | | |
| 27 Aroclor-1260 | | | | | CAS #: 11096-82-5 | | |
| 6.380 | 6.378 | 0.002 | 138312 | 500.000 | 490 | 80.00- 120.00 | 100.00(M) |
| 6.713 | 6.712 | 0.001 | 155220 | 500.000 | 490 | 90.24- 135.36 | 112.22 |

Data File: of173241.d
Report Date: 02-Jun-2011 08:32

| RT | EXP RT | DLT RT | RESPONSE | AMOUNTS CAL-AMT ( ug/L) | AMOUNTS ON-COL ( ug/L) | TARGET RANGE | RATIO |
|---|---|---|---|---|---|---|---|
| 27 Aroclor-1260 (continued) | | | | | | | |
| 7.347 | 7.345 | 0.002 | 226529 | 500.000 | 510 | 119.89- 179.84 | 163.78 |
| 7.542 | 7.538 | 0.004 | 106617 | 500.000 | 490 | 61.71- 92.57 | 77.08 |
| 7.653 | 7.652 | 0.001 | 62456 | 500.000 | 490 | 35.71- 53.56 | 45.16 |
| 8.192 | 8.190 | 0.002 | 114735 | 500.000 | 510 | 61.04- 91.56 | 82.95 |
| 9.370 | 9.370 | 0.000 | 155884 | 500.000 | 500 | 85.44- 128.16 | 112.70 |
| 10.037 | 10.037 | 0.000 | 51586 | 500.000 | 490 | 30.14- 45.21 | 37.30 |
| Average of Peak Amounts = | | | | | 497 | | |
| $ 30 Decachlorobiphenyl(surr) | | | | | CAS #: 2051-24-3 | | |
| 10.550 | 10.550 | 0.000 | 162922 | 50.0000 | 48 | 80.00- 120.00 | 100.00(M) |

QC Flag Legend

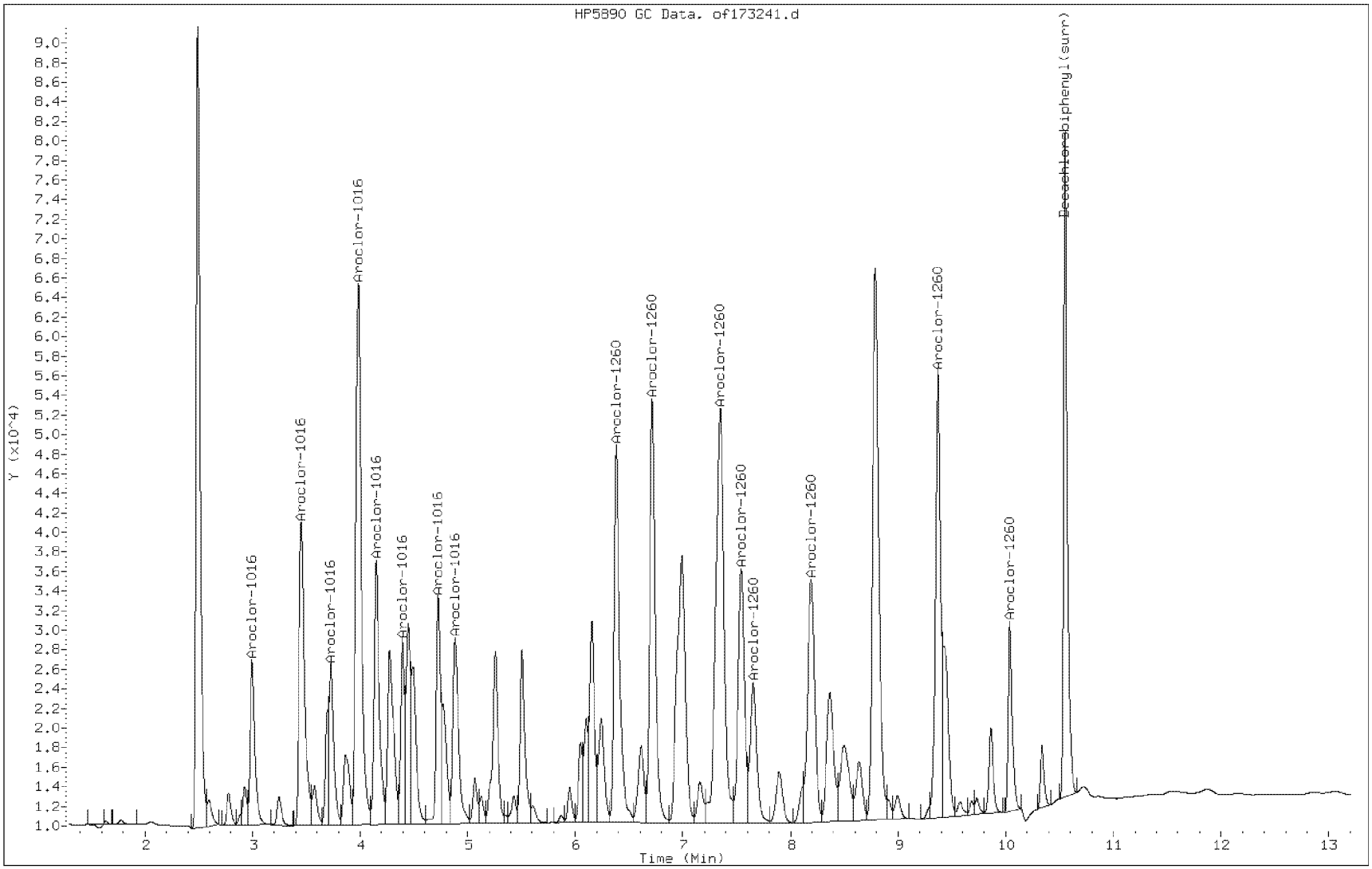
M - Compound response manually integrated.

Data File: of173241.d

Date: 01-JUN-2011 23:02

Client ID: Instrument: PESTGC7.i

Sample Info: SG1660L2_00009 Operator: 462



Manual Integration Report

Data File: of173241.d
Inj. Date and Time: 01-JUN-2011 23:02
Instrument ID: PESTGC7.i
Client ID:
Compound: 30 Decachlorobiphenyl(surr)
CAS #: 2051-24-3
Report Date: 06/02/2011

Processing Integration Results

Not Detected

Expected RT: 10.55

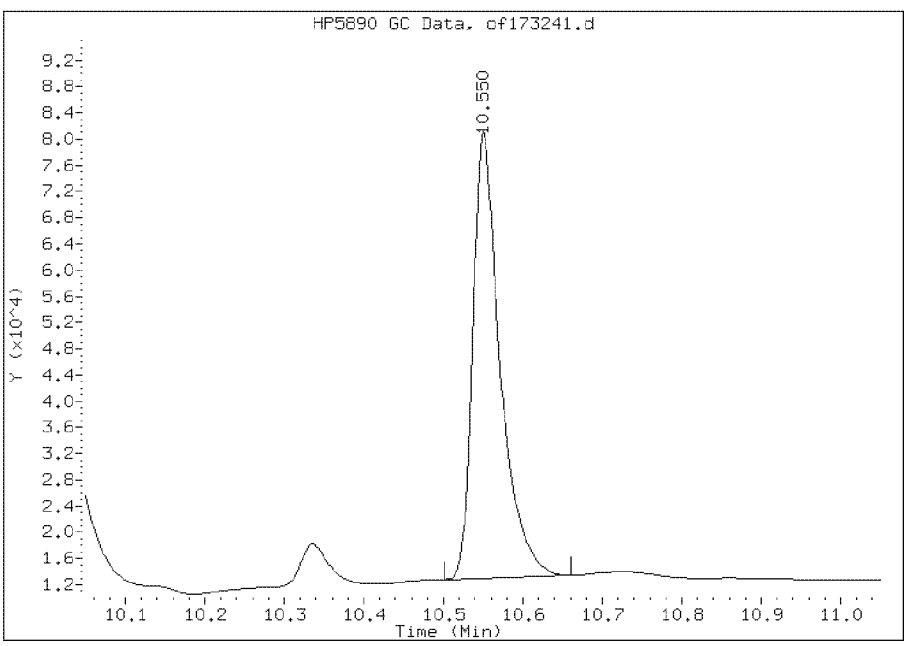
Manual Integration Results

RT: 10.55

Response: 162922

Amount: 48.59

Conc: 48.59




Manually Integrated By: Ex. 4 CBI
Manual Integration Reason: Baseline Event

Data File: of173242.d
Report Date: 02-Jun-2011 08:32

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC7.i/8082/front/Jun11/06-02-11ical/02jun11a.b/of173242.d
Lab Smp Id: SG1660L3_00012
Inj Date : 01-JUN-2011 23:18
Operator : 462 Inst ID: PESTGC7.i
Smp Info : SG1660L3_00012
Misc Info :
Comment :
Method : /chem1/PESTGC7.i/8082/front/Jun11/06-02-11ical/02jun11a.b/08Of8082.m
Meth Date : 02-Jun-2011 07:18 Ex. 4 CBI Quant Type: ESTD
Cal Date : 01-JUN-2011 23:02 Cal File: of173241.d
Als bottle: 11 Calibration Sample, Level: 3
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: AR16600S.sub
Target Version: 3.50 Sample Matrix: WATER
Processing Host: hpd3

Concentration Formula: Amt * DF * ((Vt)/(Vo))/1000 * CpndVariable

| Name | Value | Description |
|---|---|---|
| DF | 1.00000 | Dilution Factor |
| Vt | 4.00000 | Volume of final extract (mL) |
| Vo | 1.00000 | Volume of sample extracted (mL) |

Cpnd Variable Local Compound Variable

| RT | EXP RT | DLT RT | RESPONSE | AMOUNTS CAL-AMT ( ug/L) | AMOUNTS ON-COL ( ug/L) | TARGET RANGE | RATIO |
|---|---|---|---|---|---|---|---|
| 21 Aroclor-1016 | | | | | CAS #: 12674-11-2 | | |
| 2.995 | 2.993 | 0.002 | 89246 | 1000.00 | 970 | 80.00- 120.00 | 100.00(M) |
| 3.452 | 3.450 | 0.002 | 189789 | 1000.00 | 930 | 174.61- 261.92 | 212.66 |
| 3.728 | 3.727 | 0.001 | 93386 | 1000.00 | 960 | 85.43- 128.14 | 104.64 |
| 3.985 | 3.982 | 0.003 | 351475 | 1000.00 | 970 | 316.15- 474.23 | 393.83 |
| 4.150 | 4.147 | 0.003 | 156444 | 1000.00 | 970 | 141.48- 212.22 | 175.29 |
| 4.393 | 4.392 | 0.001 | 80907 | 1000.00 | 940 | 76.11- 114.16 | 90.66 |
| 4.725 | 4.723 | 0.002 | 110869 | 1000.00 | 950 | 102.61- 153.91 | 124.23 |
| 4.882 | 4.878 | 0.004 | 126434 | 1000.00 | 1000 | 111.81- 167.72 | 141.67 |
| Average of Peak Amounts = | | | | | 962 | | |
| 27 Aroclor-1260 | | | | | CAS #: 11096-82-5 | | |
| 6.380 | 6.378 | 0.002 | 240792 | 1000.00 | 900 | 80.00- 120.00 | 100.00(M) |
| 6.713 | 6.712 | 0.001 | 269667 | 1000.00 | 890 | 89.78- 134.67 | 111.99 |

Data File: of173242.d
Report Date: 02-Jun-2011 08:32

| RT | EXP RT | DLT RT | RESPONSE | AMOUNTS CAL-AMT ( ug/L) | AMOUNTS ON-COL ( ug/L) | TARGET RANGE | RATIO |
|---|---|---|---|---|---|---|---|
| 27 Aroclor-1260 (continued) | | | | | | | |
| 7.347 | 7.345 | 0.002 | 402973 | 1000.00 | 940 | 131.03- 196.54 | 167.35 |
| 7.542 | 7.538 | 0.004 | 186815 | 1000.00 | 900 | 61.67- 92.50 | 77.58 |
| 7.653 | 7.652 | 0.001 | 110907 | 1000.00 | 910 | 36.12- 54.19 | 46.06 |
| 8.192 | 8.190 | 0.002 | 223117 | 1000.00 | 1000 | 66.36- 99.54 | 92.66 |
| 9.368 | 9.370 | -0.002 | 280076 | 1000.00 | 930 | 90.16- 135.25 | 116.31 |
| 10.035 | 10.037 | -0.002 | 98127 | 1000.00 | 950 | 29.84- 44.76 | 40.75 |
| Average of Peak Amounts = | | | | | 928 | | |
| $ 30 Decachlorobiphenyl(surr) | | | | | CAS #: 2051-24-3 | | |
| 10.550 | 10.550 | 0.000 | 287117 | 100.000 | 90 | 80.00- 120.00 | 100.00(M) |

QC Flag Legend

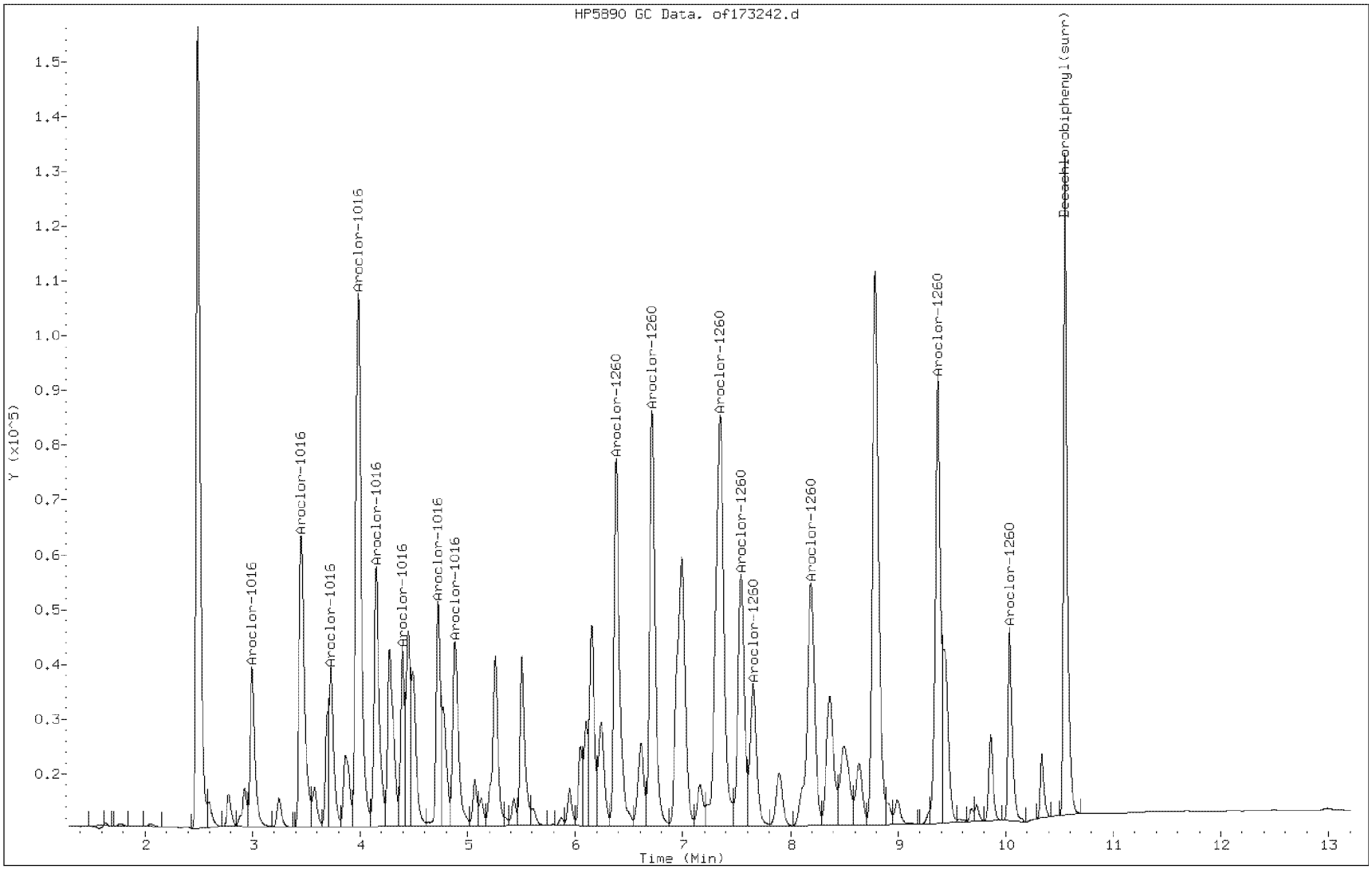
M - Compound response manually integrated.

Data File: of173242.d

Date: 01-JUN-2011 23:18

Client ID: Instrument: PESTGC7.i

Sample Info: SG1660L3_00012 Operator: 462



Manual Integration Report

Data File: of173242.d
Inj. Date and Time: 01-JUN-2011 23:18
Instrument ID: PESTGC7.i
Client ID:
Compound: 30 Decachlorobiphenyl(surr)
CAS #: 2051-24-3
Report Date: 06/02/2011

Processing Integration Results

Not Detected

Expected RT: 10.55

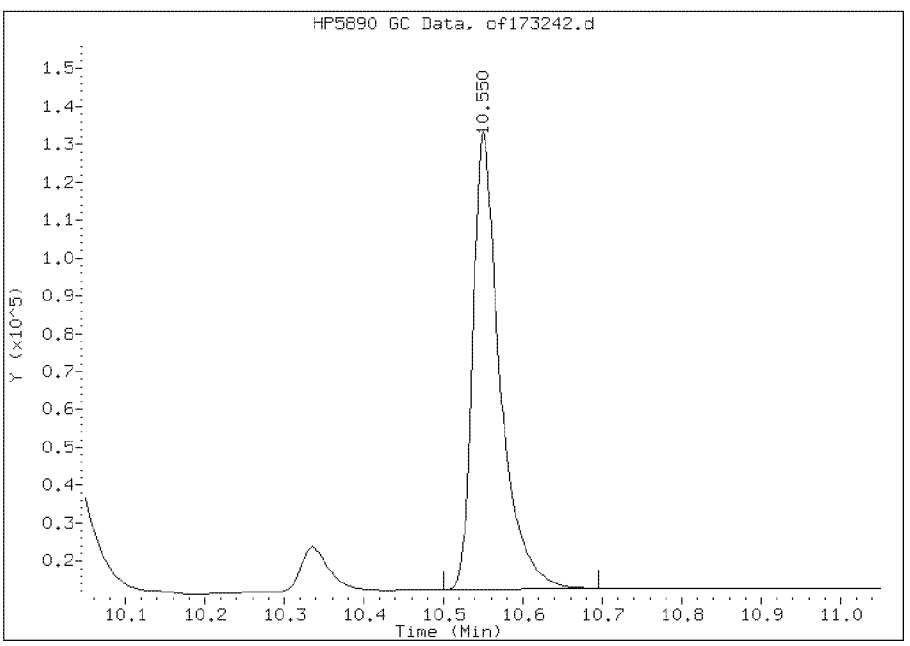
Manual Integration Results

RT: 10.55

Response: 287117

Amount: 89.94

Conc: 89.94




Manually Integrated By: Ex. 4 CBI
Manual Integration Reason: Baseline Event

Data File: of173243.d
Report Date: 02-Jun-2011 08:34

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC7.i/8082/front/Jun11/06-02-11ical/02jun11a.b/of173243.d
Lab Smp Id: SG1660L4_00009
Inj Date : 01-JUN-2011 23:35
Operator : 462 Inst ID: PESTGC7.i
Smp Info : SG1660L4_00009
Misc Info :
Comment :
Method : /chem1/PESTGC7.i/8082/front/Jun11/06-02-11ical/02jun11a.b/08Of8082.m
Meth Date : 02-Jun-2011 07:18 Ex. 4 CBI Quant Type: ESTD
Cal Date : 01-JUN-2011 23:35 Cal File: of173243.d
Als bottle: 12 Calibration Sample, Level: 4
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: AR16600S.sub
Target Version: 3.50 Sample Matrix: WATER
Processing Host: hpd3

Concentration Formula: Amt * DF * ((Vt)/(Vo))/1000 * CpndVariable

| Name | Value | Description |
|---|---|---|
| DF | 1.00000 | Dilution Factor |
| Vt | 4.00000 | Volume of final extract (mL) |
| Vo | 1.00000 | Volume of sample extracted (mL) |

Cpnd Variable Local Compound Variable

| RT | EXP RT | DLT RT | RESPONSE | AMOUNTS CAL-AMT ( ug/L) | AMOUNTS ON-COL ( ug/L) | TARGET RANGE | RATIO |
|---|---|---|---|---|---|---|---|
| 21 Aroclor-1016 | | | | | CAS #: 12674-11-2 | | |
| 2.995 | 2.995 | 0.000 | 133377 | 1500.00 | 1500 | 80.00- 120.00 | 100.00(M) |
| 3.452 | 3.452 | 0.000 | 284450 | 1500.00 | 1400 | 170.13- 255.19 | 213.27 |
| 3.728 | 3.728 | 0.000 | 140670 | 1500.00 | 1400 | 83.71- 125.57 | 105.47 |
| 3.985 | 3.985 | 0.000 | 533576 | 1500.00 | 1500 | 315.06- 472.59 | 400.05 |
| 4.150 | 4.150 | 0.000 | 233280 | 1500.00 | 1400 | 140.24- 210.35 | 174.90 |
| 4.393 | 4.393 | 0.000 | 119922 | 1500.00 | 1400 | 72.53- 108.79 | 89.91 |
| 4.725 | 4.725 | 0.000 | 160952 | 1500.00 | 1400 | 99.38- 149.07 | 120.67 |
| 4.882 | 4.882 | 0.000 | 188068 | 1500.00 | 1500 | 113.33- 170.00 | 141.00 |

Average of Peak Amounts = 1.45e+03

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| 27 Aroclor-1260 | | | | | CAS #: 11096-82-5 | | |
| 6.380 | 6.380 | 0.000 | 364724 | 1500.00 | 1400 | 80.00- 120.00 | 100.00(M) |
| 6.713 | 6.713 | 0.000 | 407870 | 1500.00 | 1400 | 89.59- 134.39 | 111.83 |

Data File: of173243.d
Report Date: 02-Jun-2011 08:34

| RT | EXP RT | DLT RT | RESPONSE | AMOUNTS CAL-AMT ( ug/L) | AMOUNTS ON-COL ( ug/L) | TARGET RANGE | RATIO |
|---|---|---|---|---|---|---|---|
| 27 Aroclor-1260 (continued) | | | | | | | |
| 7.347 | 7.347 | 0.000 | 619685 | 1500.00 | 1400 | 133.88- 200.82 | 169.90 |
| 7.540 | 7.542 | -0.002 | 284722 | 1500.00 | 1400 | 62.07- 93.10 | 78.06 |
| 7.653 | 7.653 | 0.000 | 171096 | 1500.00 | 1400 | 36.85- 55.27 | 46.91 |
| 8.192 | 8.192 | 0.000 | 315002 | 1500.00 | 1400 | 74.13- 111.19 | 86.37 |
| 9.368 | 9.368 | 0.000 | 427280 | 1500.00 | 1400 | 93.05- 139.58 | 117.15 |
| 10.035 | 10.035 | 0.000 | 146533 | 1500.00 | 1400 | 32.60- 48.90 | 40.18 |
| Average of Peak Amounts = | | | | 1.42e+03 | | | |
| $ 30 Decachlorobiphenyl(surr) | | | | | CAS #: 2051-24-3 | | |
| 10.550 | 10.550 | 0.000 | 413485 | 150.000 | 130 | 80.00- 120.00 | 100.00(M) |

QC Flag Legend

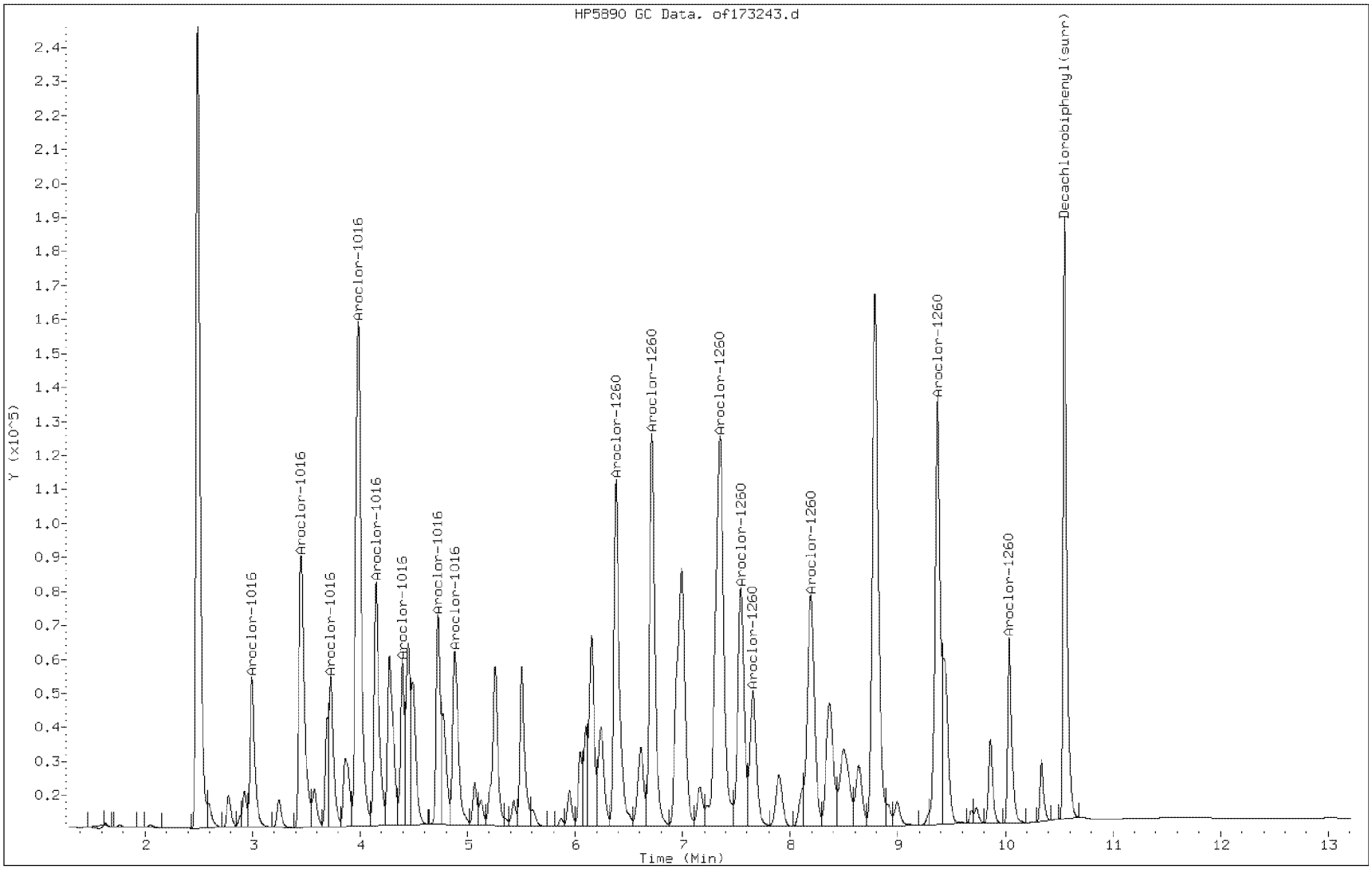
M - Compound response manually integrated.

Data File: of173243.d

Date: 01-JUN-2011 23:35

Client ID: Instrument: PESTGC7.i

Sample Info: SG1660L4_00009 Operator: 462



Manual Integration Report

Data File: of173243.d
Inj. Date and Time: 01-JUN-2011 23:35
Instrument ID: PESTGC7.i
Client ID:
Compound: 30 Decachlorobiphenyl(surr)
CAS #: 2051-24-3
Report Date: 06/02/2011

Processing Integration Results

Not Detected

Expected RT: 10.55

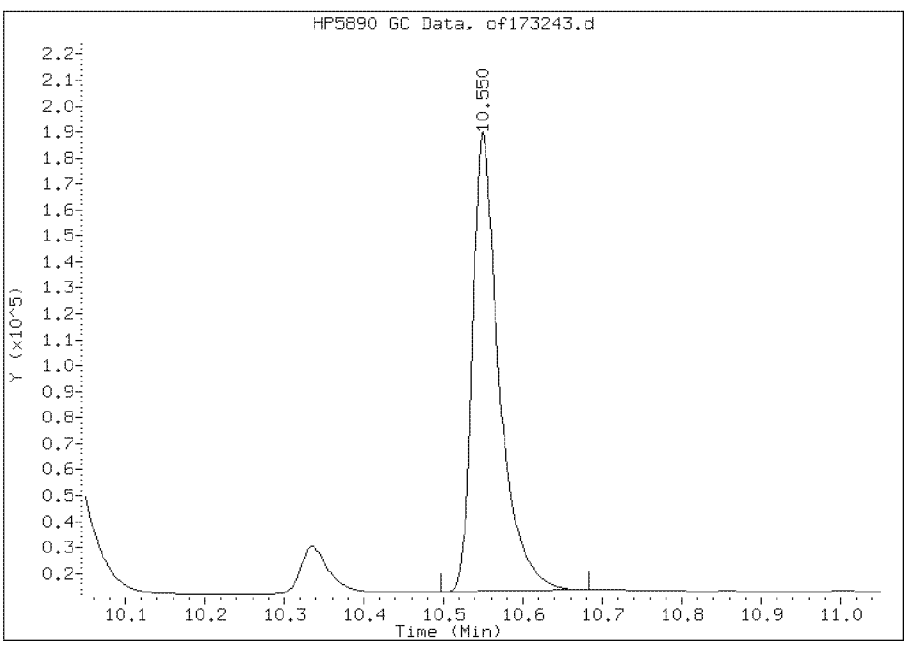
Manual Integration Results

RT: 10.55

Response: 413485

Amount: 134.10

Conc: 134.10




Manually Integrated By: Ex. 4 CBI
Manual Integration Reason: Baseline Event

Data File: of173244.d
Report Date: 02-Jun-2011 08:36

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC7.i/8082/front/Jun11/06-02-11ical/02jun11a.b/of173244.d
Lab Smp Id: SG1660L5_00009
Inj Date : 01-JUN-2011 23:51
Operator : 462 Inst ID: PESTGC7.i
Smp Info : SG1660L5_00009
Misc Info :
Comment :
Method : /chem1/PESTGC7.i/8082/front/Jun11/06-02-11ical/02jun11a.b/08Of8082.m
Meth Date : 02-Jun-2011 07:18 Ex. 4 CBI Quant Type: ESTD
Cal Date : 01-JUN-2011 23:51 Cal File: of173244.d
Als bottle: 13 Calibration Sample, Level: 5
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: AR16600S.sub
Target Version: 3.50 Sample Matrix: WATER
Processing Host: hpd3

Concentration Formula: Amt * DF * ((Vt)/(Vo))/1000 * CpndVariable

| Name | Value | Description |
|---|---|---|
| DF | 1.00000 | Dilution Factor |
| Vt | 4.00000 | Volume of final extract (mL) |
| Vo | 1.00000 | Volume of sample extracted (mL) |

Cpnd Variable Local Compound Variable

| RT | EXP RT | DLT RT | RESPONSE | AMOUNTS CAL-AMT ( ug/L) | AMOUNTS ON-COL ( ug/L) | TARGET RANGE | RATIO |
|---|---|---|---|---|---|---|---|
| 21 Aroclor-1016 | | | | | CAS #: 12674-11-2 | | |
| 2.990 | 2.995 | -0.005 | 199072 | 2500.00 | 2200 | 80.00- 120.00 | 100.00(M) |
| 3.447 | 3.452 | -0.005 | 408470 | 2500.00 | 2100 | 164.15- 246.22 | 205.19 |
| 3.723 | 3.728 | -0.005 | 204475 | 2500.00 | 2200 | 82.17- 123.26 | 102.71 |
| 3.980 | 3.985 | -0.005 | 779914 | 2500.00 | 2200 | 313.42- 470.13 | 391.77 |
| 4.145 | 4.150 | -0.005 | 340157 | 2500.00 | 2200 | 136.70- 205.05 | 170.87 |
| 4.388 | 4.393 | -0.005 | 175257 | 2500.00 | 2100 | 70.43- 105.64 | 88.04 |
| 4.720 | 4.725 | -0.005 | 236194 | 2500.00 | 2100 | 94.92- 142.38 | 118.65 |
| 4.877 | 4.882 | -0.005 | 278739 | 2500.00 | 2300 | 112.02- 168.02 | 140.02 |
| Average of Peak Amounts = | | | | 2.19e+03 | | | |
| 27 Aroclor-1260 | | | | | CAS #: 11096-82-5 | | |
| 6.377 | 6.380 | -0.003 | 532062 | 2500.00 | 2100 | 80.00- 120.00 | 100.00(M) |
| 6.710 | 6.713 | -0.003 | 594134 | 2500.00 | 2100 | 89.33- 134.00 | 111.67 |

Data File: of173244.d
Report Date: 02-Jun-2011 08:36

| RT | EXP RT | DLT RT | RESPONSE | AMOUNTS CAL-AMT ( ug/L) | AMOUNTS ON-COL ( ug/L) | TARGET RANGE | RATIO |
|---|---|---|---|---|---|---|---|
| 27 Aroclor-1260 (continued) | | | | | | | |
| 7.343 | 7.347 | -0.004 | 913514 | 2500.00 | 2200 | 137.35- 206.03 | 171.69 |
| 7.537 | 7.542 | -0.005 | 416884 | 2500.00 | 2100 | 62.68- 94.02 | 78.35 |
| 7.650 | 7.653 | -0.003 | 253322 | 2500.00 | 2200 | 38.09- 57.13 | 47.61 |
| 8.187 | 8.192 | -0.005 | 509317 | 2500.00 | 2300 | 76.58- 114.87 | 95.73 |
| 9.367 | 9.368 | -0.001 | 639738 | 2500.00 | 2200 | 96.19- 144.29 | 120.24 |
| 10.033 | 10.035 | -0.002 | 218744 | 2500.00 | 2200 | 32.89- 49.34 | 41.11 |
| Average of Peak Amounts = | | | | | 2.19e+03 | | |
| $ 30 Decachlorobiphenyl(surr) | | | | | CAS #: 2051-24-3 | | |
| 10.548 | 10.550 | -0.002 | 520064 | 200.000 | 170 | 80.00- 120.00 | 100.00(M) |

QC Flag Legend

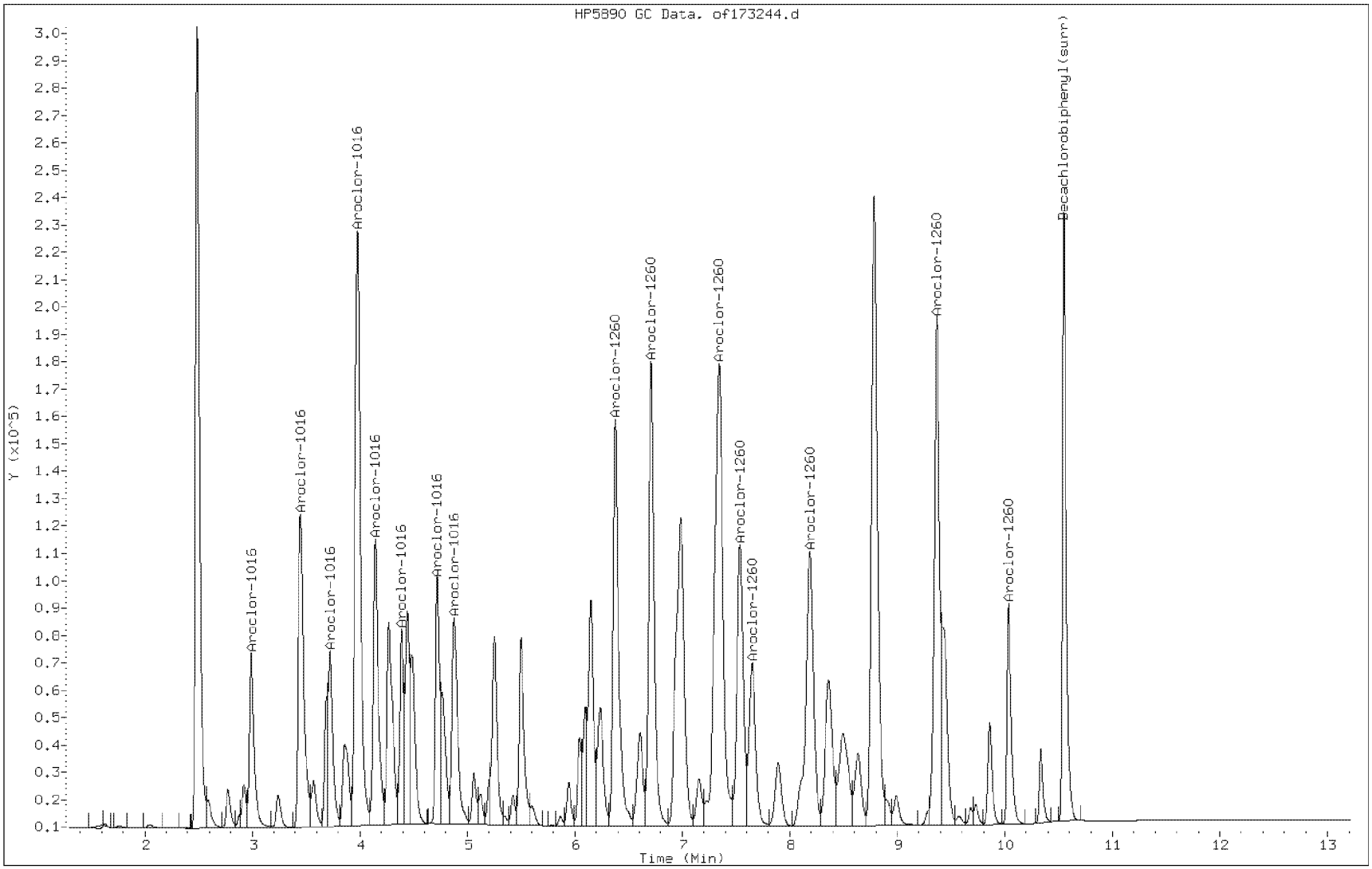
M - Compound response manually integrated.

Data File: of173244.d

Date: 01-JUN-2011 23:51

Client ID: Instrument: PESTGC7.i

Sample Info: SG1660L5_00009 Operator: 462



Manual Integration Report

Data File: of173244.d
Inj. Date and Time: 01-JUN-2011 23:51
Instrument ID: PESTGC7.i
Client ID:
Compound: 30 Decachlorobiphenyl(surr)
CAS #: 2051-24-3
Report Date: 06/02/2011

Processing Integration Results

Not Detected

Expected RT: 10.55

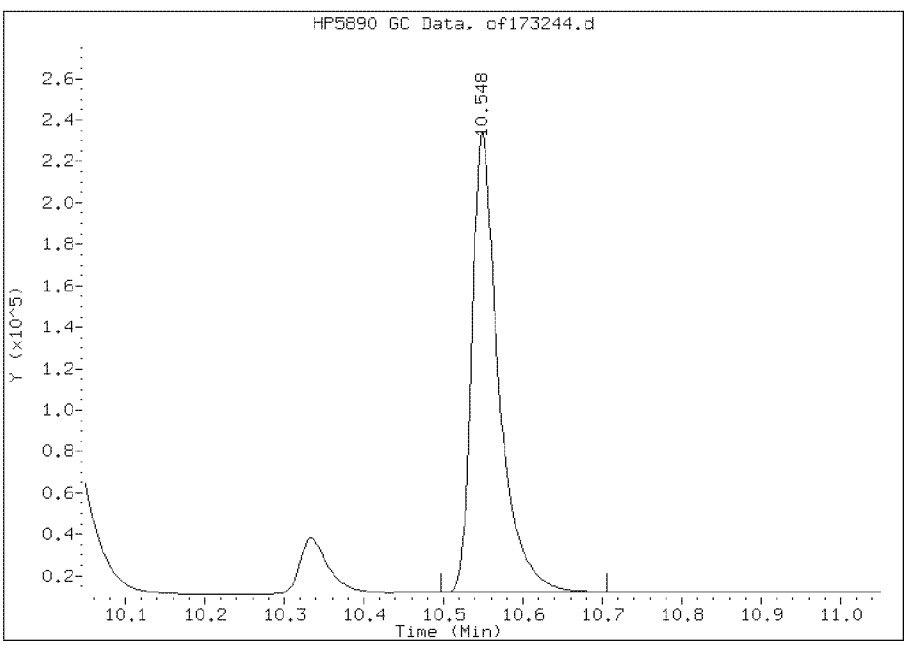
Manual Integration Results

RT: 10.55

Response: 520064

Amount: 174.12

Conc: 174.12




Manually Integrated By: Ex. 4 CBI
Manual Integration Reason: Baseline Event

FORM VI
GC SEMI VOA INITIAL CALIBRATION DATA
EXTERNAL STANDARD RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-27128-1 Analy Batch No.: 75405

SDG No.:

Instrument ID: PESTGC7 GC Column: CLP-1 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 06/01/2011 22:45 Calibration End Date: 06/01/2011 23:51 Calibration ID: 11080

Calibration Files:

| LEVEL: | LAB SAMPLE ID: | LAB FILE ID: |
|---|---|---|
| Level 1 | IC 460-75405/2 | or173240.d |
| Level 2 | IC 460-75405/3 | or173241.d |
| Level 3 | IC 460-75405/4 | or173242.d |
| Level 4 | IC 460-75405/5 | or173243.d |
| Level 5 | IC 460-75405/6 | or173244.d |

| ANALYTE | LVL 1 | LVL 2 | LVL 3 | LVL 4 | LVL 5 | | | | | | RT WINDOW | AVG RT |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| PCB-1016 Peak 1 | 2.412 | 2.410 | 2.410 | 2.408 | 2.408 | | | | | | 2.340 - 2.480 | 2.410 |
| PCB-1016 Peak 2 | 2.740 | 2.738 | 2.737 | 2.737 | 2.737 | | | | | | 2.667 - 2.807 | 2.738 |
| PCB-1016 Peak 3 | 2.933 | 2.932 | 2.932 | 2.932 | 2.930 | | | | | | 2.862 - 3.002 | 2.932 |
| PCB-1016 Peak 4 | 3.197 | 3.197 | 3.195 | 3.195 | 3.195 | | | | | | 3.125 - 3.265 | 3.196 |
| PCB-1016 Peak 5 | 3.342 | 3.340 | 3.338 | 3.340 | 3.338 | | | | | | 3.268 - 3.408 | 3.340 |
| PCB-1016 Peak 6 | 3.403 | 3.403 | 3.402 | 3.402 | 3.402 | | | | | | 3.332 - 3.472 | 3.402 |
| PCB-1016 Peak 7 | 3.537 | 3.552 | 3.552 | 3.553 | 3.553 | | | | | | 3.482 - 3.622 | 3.549 |
| PCB-1016 Peak 8 | 3.782 | 3.780 | 3.778 | 3.778 | 3.778 | | | | | | 3.708 - 3.848 | 3.779 |
| PCB-1260 Peak 1 | 5.200 | 5.198 | 5.198 | 5.198 | 5.198 | | | | | | 5.128 - 5.268 | 5.199 |
| PCB-1260 Peak 2 | 5.543 | 5.542 | 5.542 | 5.542 | 5.542 | | | | | | 5.472 - 5.612 | 5.542 |
| PCB-1260 Peak 3 | 5.888 | 5.887 | 5.887 | 5.887 | 5.887 | | | | | | 5.817 - 5.957 | 5.887 |
| PCB-1260 Peak 4 | 6.035 | 6.033 | 6.033 | 6.033 | 6.033 | | | | | | 5.963 - 6.103 | 6.034 |
| PCB-1260 Peak 5 | 6.368 | 6.367 | 6.367 | 6.367 | 6.367 | | | | | | 6.297 - 6.437 | 6.367 |
| PCB-1260 Peak 6 | 7.348 | 7.347 | 7.347 | 7.347 | 7.347 | | | | | | 7.277 - 7.417 | 7.347 |
| PCB-1260 Peak 7 | 7.512 | 7.510 | 7.512 | 7.512 | 7.510 | | | | | | 7.442 - 7.582 | 7.511 |
| PCB-1260 Peak 8 | 8.718 | 8.717 | 8.717 | 8.717 | 8.717 | | | | | | 8.647 - 8.787 | 8.717 |
| DCB Decachlorobiphenyl | 9.447 | 9.447 | 9.445 | 9.445 | 9.445 | | | | | | 9.345 - 9.545 | 9.446 |

FORM VI
GC SEMI VOA INITIAL CALIBRATION DATA
EXTERNAL STANDARD CURVE EVALUTION

Lab Name: TestAmerica Edison Job No.: 460-27128-1 Analy Batch No.: 75405

SDG No.:

Instrument ID: PESTGC7 GC Column: CLP-1 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 06/01/2011 22:45 Calibration End Date: 06/01/2011 23:51 Calibration ID: 11080

Calibration Files:

| LEVEL: | LAB SAMPLE ID: | LAB FILE ID: |
|---|---|---|
| Level 1 | IC 460-75405/2 | or173240.d |
| Level 2 | IC 460-75405/3 | or173241.d |
| Level 3 | IC 460-75405/4 | or173242.d |
| Level 4 | IC 460-75405/5 | or173243.d |
| Level 5 | IC 460-75405/6 | or173244.d |

| ANALYTE | CF | | | | CURVE TYPE | COEFFICIENT | | | # | MIN CF | %RSD | # | MAX %RSD | R^2 OR COD | # | MIN R^2 OR COD |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | LVL 1<br>LVL 5 | LVL 2 | LVL 3 | LVL 4 | | B | M1 | M2 | | | | | | | | |
| PCB-1016 Peak 1 | 77.130<br>72.405 | 99.396 | 83.609 | 84.381 | Ave | | 83.3840933 | | | | 12.2 | | 20.0 | | | |
| PCB-1016 Peak 2 | 147.29<br>118.87 | 167.39 | 138.96 | 138.09 | Ave | | 142.117173 | | | | 12.3 | | 20.0 | | | |
| PCB-1016 Peak 3 | 89.120<br>88.608 | 118.12 | 99.647 | 101.00 | Ave | | 99.2984133 | | | | 12.1 | | 20.0 | | | |
| PCB-1016 Peak 4 | 252.53<br>262.48 | 332.78 | 290.40 | 296.26 | Ave | | 286.891493 | | | | 11.0 | | 20.0 | | | |
| PCB-1016 Peak 5 | 107.17<br>101.09 | 133.48 | 113.39 | 114.53 | Ave | | 113.931920 | | | | 10.7 | | 20.0 | | | |
| PCB-1016 Peak 6 | 59.820<br>74.200 | 88.534 | 79.478 | 83.045 | Ave | | 77.0154667 | | | | 14.2 | | 20.0 | | | |
| PCB-1016 Peak 7 | 160.96<br>115.71 | 163.63 | 135.32 | 132.69 | Ave | | 141.662347 | | | | 14.3 | | 20.0 | | | |
| PCB-1016 Peak 8 | 107.12<br>105.04 | 139.05 | 117.66 | 118.48 | Ave | | 117.469947 | | | | 11.5 | | 20.0 | | | |
| PCB-1260 Peak 1 | 203.72<br>148.66 | 197.19 | 168.30 | 169.45 | Ave | | 177.464547 | | | | 12.8 | | 20.0 | | | |
| PCB-1260 Peak 2 | 354.61<br>267.02 | 346.04 | 301.65 | 304.47 | Ave | | 314.756987 | | | | 11.4 | | 20.0 | | | |
| PCB-1260 Peak 3 | 302.61<br>260.82 | 321.57 | 289.59 | 297.42 | Ave | | 294.400987 | | | | 7.5 | | 20.0 | | | |
| PCB-1260 Peak 4 | 168.13<br>121.69 | 158.54 | 137.71 | 139.18 | Ave | | 145.050040 | | | | 12.7 | | 20.0 | | | |
| PCB-1260 Peak 5 | 179.46<br>133.97 | 170.99 | 148.34 | 153.42 | Ave | | 157.234200 | | | | 11.5 | | 20.0 | | | |
| PCB-1260 Peak 6 | 177.87<br>173.87 | 202.62 | 189.13 | 196.96 | Ave | | 188.088533 | | | | 6.5 | | 20.0 | | | |
| PCB-1260 Peak 7 | 107.30<br>91.856 | 103.34 | 98.602 | 103.08 | Ave | | 100.834933 | | | | 5.8 | | 20.0 | | | |

Note: The m1 coefficient is the same as Ave CF for an Ave curve type.

FORM VI
GC SEMI VOA INITIAL CALIBRATION DATA
EXTERNAL STANDARD CURVE EVALUTION

Lab Name: TestAmerica Edison Job No.: 460-27128-1 Analy Batch No.: 75405

SDG No.:

Instrument ID: PESTGC7 GC Column: CLP-1 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 06/01/2011 22:45 Calibration End Date: 06/01/2011 23:51 Calibration ID: 11080

| ANALYTE | CF | | | | CURVE TYPE | COEFFICIENT | | | # | MIN CF | %RSD | # | MAX %RSD | R^2 OR COD | # | MIN R^2 OR COD |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | LVL 1<br>LVL 5 | LVL 2 | LVL 3 | LVL 4 | | B | M1 | M2 | | | | | | | | |
| PCB-1260 Peak 8 | 106.97<br>86.487 | 99.374 | 89.432 | 93.290 | Ave | | 95.1106400 | | | | 8.6 | | 20.0 | | | |
| DCB Decachlorobiphenyl | 3575.3<br>2717.9 | 3548.5 | 3011.5 | 2882.4 | Ave | | 3147.09967 | | | | 12.5 | | 20.0 | | | |

Note: The m1 coefficient is the same as Ave CF for an Ave curve type.

FORM VI
GC SEMI VOA INITIAL CALIBRATION DATA
EXTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Edison Job No.: 460-27128-1 Analy Batch No.: 75405

SDG No.:

Instrument ID: PESTGC7 GC Column: CLP-1 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 06/01/2011 22:45 Calibration End Date: 06/01/2011 23:51 Calibration ID: 11080

Calibration Files:

| LEVEL: | LAB SAMPLE ID: | LAB FILE ID: |
|---|---|---|
| Level 1 | IC 460-75405/2 | or173240.d |
| Level 2 | IC 460-75405/3 | or173241.d |
| Level 3 | IC 460-75405/4 | or173242.d |
| Level 4 | IC 460-75405/5 | or173243.d |
| Level 5 | IC 460-75405/6 | or173244.d |

| ANALYTE | CURVE TYPE | RESPONSE | | | | | CONCENTRATION (UG/L) | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | LVL 1 | LVL 2 | LVL 3 | LVL 4 | LVL 5 | LVL 1 | LVL 2 | LVL 3 | LVL 4 | LVL 5 |
| PCB-1016 Peak 1 | Ave | 7713 | 49698 | 83609 | 126571 | 181012 | 100 | 500 | 1000 | 1500 | 2500 |
| PCB-1016 Peak 2 | Ave | 14729 | 83693 | 138956 | 207133 | 297163 | 100 | 500 | 1000 | 1500 | 2500 |
| PCB-1016 Peak 3 | Ave | 8912 | 59058 | 99647 | 151501 | 221521 | 100 | 500 | 1000 | 1500 | 2500 |
| PCB-1016 Peak 4 | Ave | 25253 | 166390 | 290404 | 444394 | 656202 | 100 | 500 | 1000 | 1500 | 2500 |
| PCB-1016 Peak 5 | Ave | 10717 | 66738 | 113388 | 171801 | 252729 | 100 | 500 | 1000 | 1500 | 2500 |
| PCB-1016 Peak 6 | Ave | 5982 | 44267 | 79478 | 124568 | 185500 | 100 | 500 | 1000 | 1500 | 2500 |
| PCB-1016 Peak 7 | Ave | 16096 | 81816 | 135320 | 199040 | 289266 | 100 | 500 | 1000 | 1500 | 2500 |
| PCB-1016 Peak 8 | Ave | 10712 | 69523 | 117662 | 177719 | 262606 | 100 | 500 | 1000 | 1500 | 2500 |
| PCB-1260 Peak 1 | Ave | 20372 | 98596 | 168295 | 254180 | 371656 | 100 | 500 | 1000 | 1500 | 2500 |
| PCB-1260 Peak 2 | Ave | 35461 | 173019 | 301650 | 456704 | 667544 | 100 | 500 | 1000 | 1500 | 2500 |
| PCB-1260 Peak 3 | Ave | 30261 | 160785 | 289586 | 446132 | 652044 | 100 | 500 | 1000 | 1500 | 2500 |
| PCB-1260 Peak 4 | Ave | 16813 | 79271 | 137713 | 208767 | 304218 | 100 | 500 | 1000 | 1500 | 2500 |
| PCB-1260 Peak 5 | Ave | 17946 | 85493 | 148343 | 230124 | 334915 | 100 | 500 | 1000 | 1500 | 2500 |
| PCB-1260 Peak 6 | Ave | 17787 | 101310 | 189126 | 295441 | 434665 | 100 | 500 | 1000 | 1500 | 2500 |
| PCB-1260 Peak 7 | Ave | 10730 | 51669 | 98602 | 154618 | 229640 | 100 | 500 | 1000 | 1500 | 2500 |
| PCB-1260 Peak 8 | Ave | 10697 | 49687 | 89432 | 139935 | 216218 | 100 | 500 | 1000 | 1500 | 2500 |
| DCB Decachlorobiphenyl | Ave | 89382 | 177423 | 301146 | 432359 | 543581 | 25.0 | 50.0 | 100 | 150 | 200 |

Curve Type Legend:
Ave = Average

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC7.i/8082/rear/Jun11/06-02-11ical/02jun11a.b/or173240.d
Lab Smp Id: SG1660L1_00009
Inj Date : 01-JUN-2011 22:45
Operator : 462 Inst ID: PESTGC7.i
Smp Info : SG1660L1_00009
Misc Info :
Comment :
Method : /chem1/PESTGC7.i/8082/rear/Jun11/06-02-11ical/02jun11a.b/08Or8082.m
Meth Date : 02-Jun-2011 08:07 Ex. 4 CBI Quant Type: ESTD
Cal Date : 02-JUN-2011 01:46 Cal File: or173251.d
Als bottle: 9 Calibration Sample, Level: 1
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: AR16600S.sub
Target Version: 3.50 Sample Matrix: WATER
Processing Host: hpd3

Concentration Formula: Amt * DF * ((Vt)/(Vo))/1000 * CpndVariable

| Name | Value | Description |
|---|---|---|
| DF | 1.00000 | Dilution Factor |
| Vt | 4.00000 | Volume of final extract (mL) |
| Vo | 1.00000 | Volume of sample extracted (mL) |

Cpnd Variable Local Compound Variable

| RT | EXP RT | DLT RT | RESPONSE | AMOUNTS CAL-AMT ( ug/L) | AMOUNTS ON-COL ( ug/L) | TARGET RANGE | RATIO |
|---|---|---|---|---|---|---|---|
| 21 Aroclor-1016 | | | | | CAS #: 12674-11-2 | | |
| 2.412 | 2.410 | 0.002 | 7713 | 100.000 | 92 | 80.00- 120.00 | 100.00(M) |
| 2.740 | 2.737 | 0.003 | 14729 | 100.000 | 100 | 131.33- 197.00 | 190.96 |
| 2.933 | 2.932 | 0.001 | 8912 | 100.000 | 90 | 97.90- 146.86 | 115.55 |
| 3.197 | 3.195 | 0.002 | 25253 | 100.000 | 88 | 290.01- 435.02 | 327.41 |
| 3.342 | 3.338 | 0.004 | 10717 | 100.000 | 94 | 111.70- 167.54 | 138.95 |
| 3.403 | 3.402 | 0.001 | 5982 | 100.000 | 78 | 81.98- 122.98 | 77.56 |
| 3.537 | 3.552 | -0.015 | 16096 | 100.000 | 110 | 127.84- 191.77 | 208.69 |
| 3.782 | 3.778 | 0.004 | 10712 | 100.000 | 91 | 116.06- 174.09 | 138.88 |
| Average of Peak Amounts = | | | | | 93.8 | | |
| 27 Aroclor-1260 | | | | | CAS #: 11096-82-5 | | |
| 5.200 | 5.198 | 0.002 | 20372 | 100.000 | 110 | 80.00- 120.00 | 100.00(M) |
| 5.543 | 5.542 | 0.001 | 35461 | 100.000 | 110 | 143.69- 215.54 | 174.07 |

| RT | EXP RT | DLT RT | RESPONSE | AMOUNTS CAL-AMT ( ug/L) | AMOUNTS ON-COL ( ug/L) | TARGET RANGE | RATIO |
|---|---|---|---|---|---|---|---|
| 27 Aroclor-1260 (continued) | | | | | | | |
| 5.888 | 5.887 | 0.001 | 30261 | 100.000 | 100 | 140.35- 210.53 | 148.54 |
| 6.035 | 6.033 | 0.002 | 16813 | 100.000 | 120 | 65.48- 98.23 | 82.53 |
| 6.368 | 6.367 | 0.001 | 17946 | 100.000 | 110 | 72.09- 108.14 | 88.09 |
| 7.348 | 7.347 | 0.001 | 17787 | 100.000 | 94 | 93.56- 140.34 | 87.31 |
| 7.512 | 7.512 | 0.000 | 10730 | 100.000 | 110 | 49.43- 74.15 | 52.67 |
| 8.718 | 8.717 | 0.001 | 10697 | 100.000 | 110 | 46.54- 69.81 | 52.51 |
| | | Average of Peak Amounts = | | | 109 | | |
| $ 30 Decachlorobiphenyl(surr) | | | | | CAS #: 2051-24-3 | | |
| 9.447 | 9.445 | 0.002 | 89382 | 25.0000 | 28 | 80.00- 120.00 | 100.00(M) |

QC Flag Legend

M - Compound response manually integrated.

Data File: or173240.d

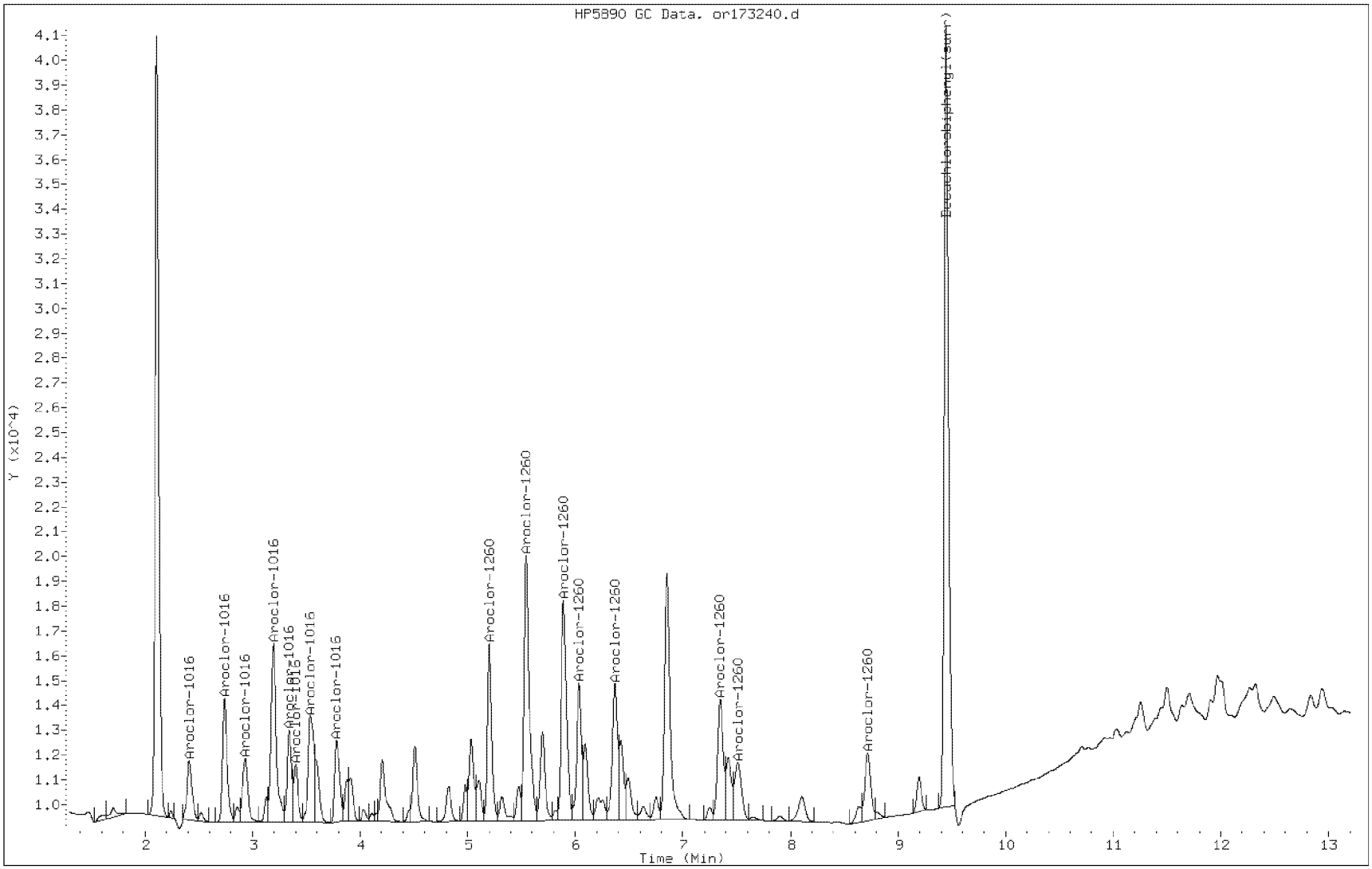
Date: 01-JUN-2011 22:45

Client ID:

Instrument: PESTGC7.i

Sample Info: SG1660L1_00009

Operator: 462



Manual Integration Report

Data File: or173240.d
Inj. Date and Time: 01-JUN-2011 22:45
Instrument ID: PESTGC7.i
Client ID:
Compound: 30 Decachlorobiphenyl(surr)
CAS #: 2051-24-3
Report Date: 06/02/2011

Processing Integration Results

Not Detected

Expected RT: 9.45

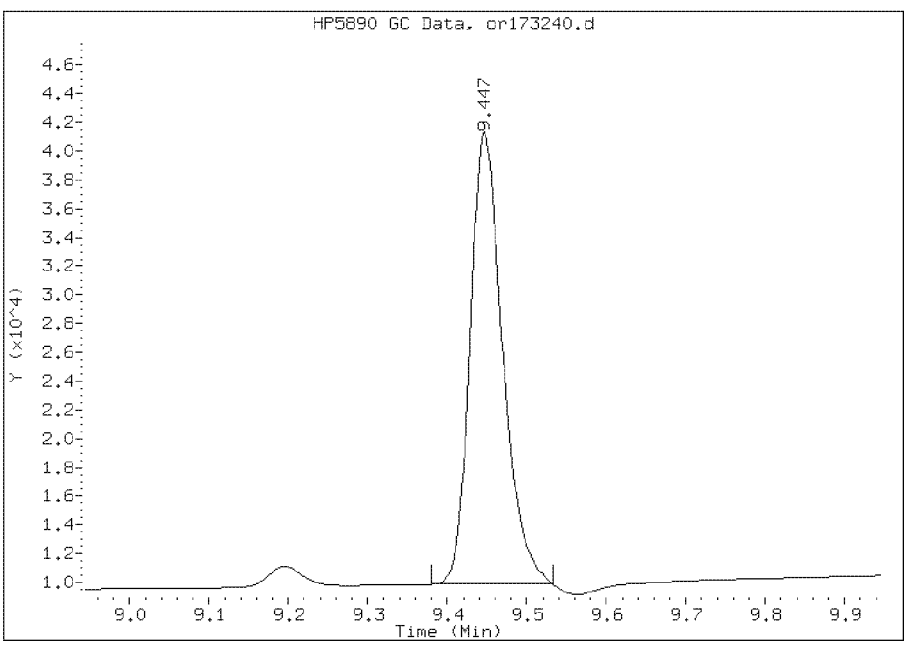
Manual Integration Results

RT: 9.45

Response: 89382

Amount: 28.40

Conc: 28.40



TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC7.i/8082/rear/Jun11/06-02-11ical/02jun11a.b/or173241.d
Lab Smp Id: SG1660L2_00009
Inj Date : 01-JUN-2011 23:02
Operator : 462 Inst ID: PESTGC7.i
Smp Info : SG1660L2_00009
Misc Info :
Comment :
Method : /chem1/PESTGC7.i/8082/rear/Jun11/06-02-11ical/02jun11a.b/08Or8082.m
Meth Date : 02-Jun-2011 08:07 Ex. 4 CBI Quant Type: ESTD
Cal Date : 02-JUN-2011 01:46 Cal File: or173251.d
Als bottle: 10 Calibration Sample, Level: 2
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: AR16600S.sub
Target Version: 3.50 Sample Matrix: WATER
Processing Host: hpd3

Concentration Formula: Amt * DF * ((Vt)/(Vo))/1000 * CpndVariable

| Name | Value | Description |
|---|---|---|
| DF | 1.00000 | Dilution Factor |
| Vt | 4.00000 | Volume of final extract (mL) |
| Vo | 1.00000 | Volume of sample extracted (mL) |

Cpnd Variable Local Compound Variable

| RT | EXP RT | DLT RT | RESPONSE | AMOUNTS CAL-AMT ( ug/L) | AMOUNTS ON-COL ( ug/L) | TARGET RANGE | RATIO |
|---|---|---|---|---|---|---|---|
| 21 Aroclor-1016 | | | | | CAS #: 12674-11-2 | | |
| 2.410 | 2.410 | 0.000 | 49698 | 500.000 | 600 | 80.00- 120.00 | 100.00(M) |
| 2.738 | 2.737 | 0.001 | 83693 | 500.000 | 590 | 131.33- 197.00 | 168.40 |
| 2.932 | 2.932 | 0.000 | 59058 | 500.000 | 590 | 97.90- 146.86 | 118.83 |
| 3.197 | 3.195 | 0.002 | 166390 | 500.000 | 580 | 290.01- 435.02 | 334.80 |
| 3.340 | 3.338 | 0.002 | 66738 | 500.000 | 580 | 111.70- 167.54 | 134.29 |
| 3.403 | 3.402 | 0.001 | 44267 | 500.000 | 570 | 81.98- 122.98 | 89.07 |
| 3.552 | 3.552 | 0.000 | 81816 | 500.000 | 580 | 127.84- 191.77 | 164.63 |
| 3.780 | 3.778 | 0.002 | 69523 | 500.000 | 590 | 116.06- 174.09 | 139.89 |
| Average of Peak Amounts = | | | | | 586 | | |
| 27 Aroclor-1260 | | | | | CAS #: 11096-82-5 | | |
| 5.198 | 5.198 | 0.000 | 98596 | 500.000 | 560 | 80.00- 120.00 | 100.00(M) |
| 5.542 | 5.542 | 0.000 | 173019 | 500.000 | 550 | 143.69- 215.54 | 175.48 |

| RT | EXP RT | DLT RT | RESPONSE | AMOUNTS CAL-AMT ( ug/L) | AMOUNTS ON-COL ( ug/L) | TARGET RANGE | RATIO |
|---|---|---|---|---|---|---|---|
| 27 Aroclor-1260 (continued) | | | | | | | |
| 5.887 | 5.887 | 0.000 | 160785 | 500.000 | 550 | 140.35- 210.53 | 163.07 |
| 6.033 | 6.033 | 0.000 | 79271 | 500.000 | 550 | 65.48- 98.23 | 80.40 |
| 6.367 | 6.367 | 0.000 | 85493 | 500.000 | 540 | 72.09- 108.14 | 86.71 |
| 7.347 | 7.347 | 0.000 | 101310 | 500.000 | 540 | 93.56- 140.34 | 102.75 |
| 7.510 | 7.512 | -0.002 | 51669 | 500.000 | 510 | 49.43- 74.15 | 52.40 |
| 8.717 | 8.717 | 0.000 | 49687 | 500.000 | 520 | 46.54- 69.81 | 50.39 |
| Average of Peak Amounts = | | | | | 539 | | |
| $ 30 Decachlorobiphenyl(surr) | | | | | CAS #: 2051-24-3 | | |
| 9.447 | 9.445 | 0.002 | 177423 | 50.0000 | 56 | 80.00- 120.00 | 100.00(M) |

QC Flag Legend

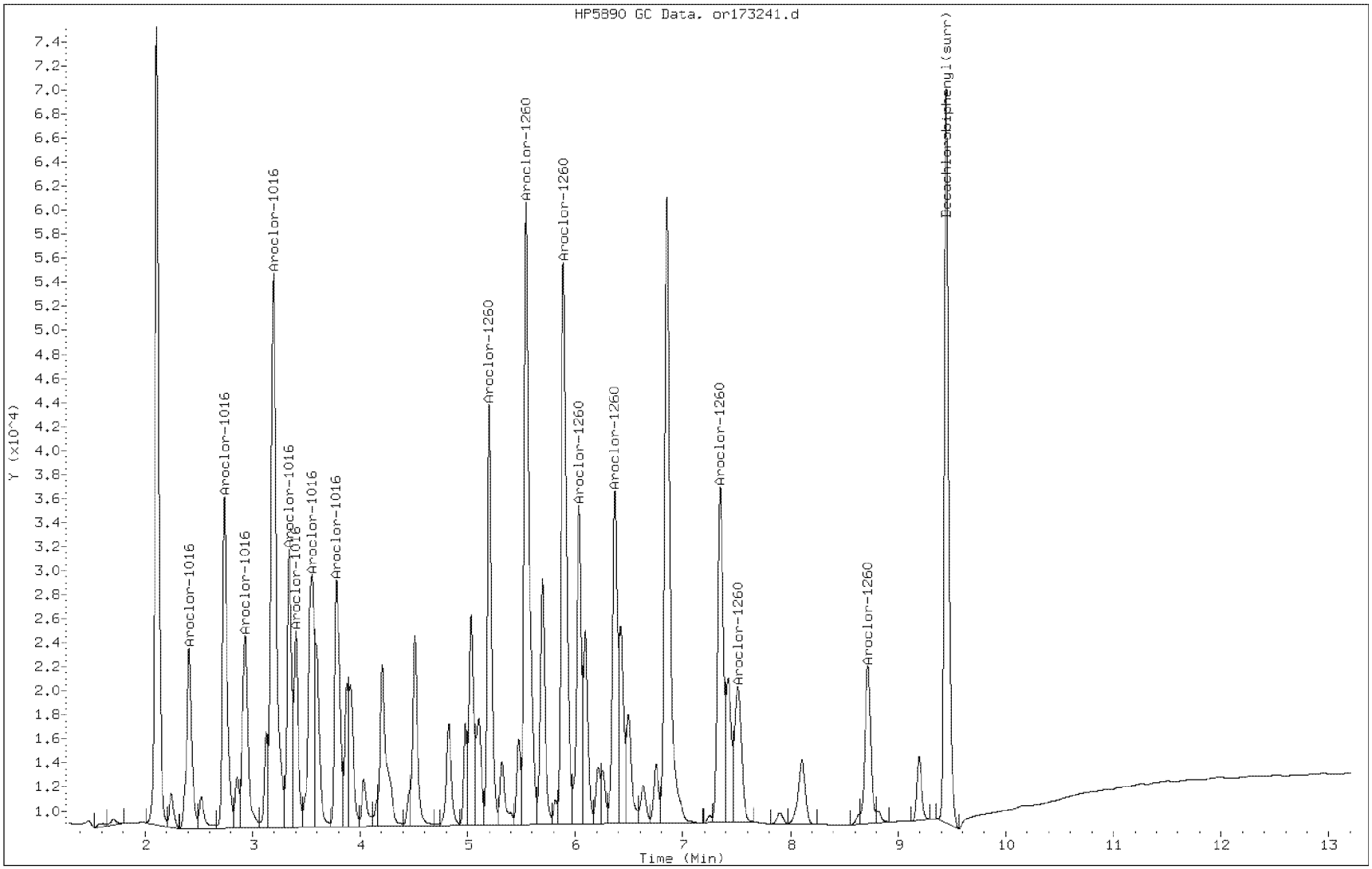
M - Compound response manually integrated.

Data File: or173241.d

Date: 01-JUN-2011 23:02

Client ID: Instrument: PESTGC7.i

Sample Info: SG1660L2_00009 Operator: 462



Manual Integration Report

Data File: or173241.d
Inj. Date and Time: 01-JUN-2011 23:02
Instrument ID: PESTGC7.i
Client ID:
Compound: 30 Decachlorobiphenyl(surr)
CAS #: 2051-24-3
Report Date: 06/02/2011

Processing Integration Results

Not Detected

Expected RT: 9.45

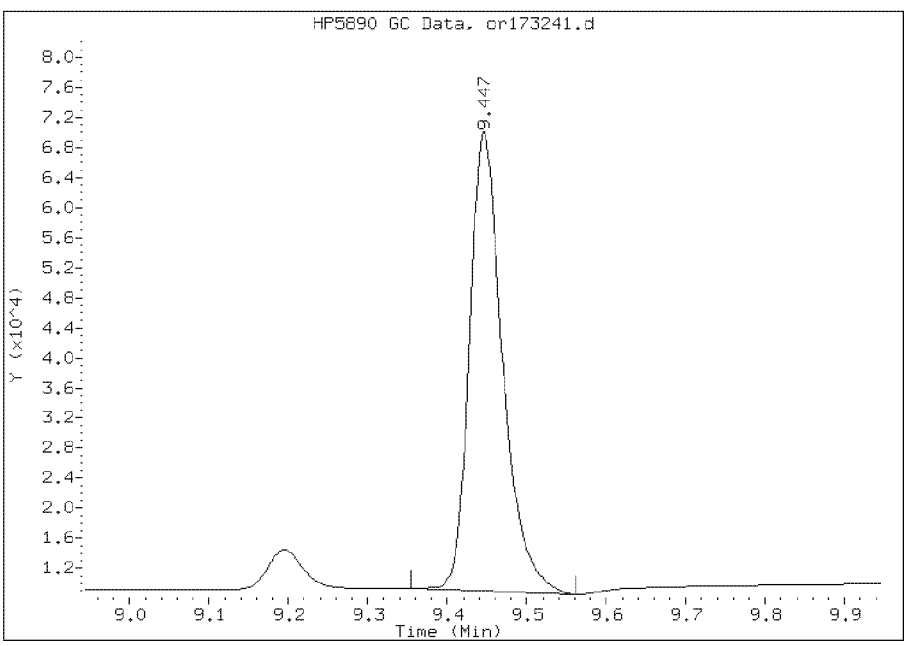
Manual Integration Results

RT: 9.45

Response: 177423

Amount: 56.38

Conc: 56.38



TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC7.i/8082/rear/Jun11/06-02-11ical/02jun11a.b/or173242.d
Lab Smp Id: SG1660L3_00012
Inj Date : 01-JUN-2011 23:18
Operator : 462 Inst ID: PESTGC7.i
Smp Info : SG1660L3_00012
Misc Info :
Comment :
Method : /chem1/PESTGC7.i/8082/rear/Jun11/06-02-11ical/02jun11a.b/08Or8082.m
Meth Date : 02-Jun-2011 08:07 Ex. 4 CBI Quant Type: ESTD
Cal Date : 02-JUN-2011 01:46 Cal File: or173251.d
Als bottle: 11 Calibration Sample, Level: 3
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: AR16600S.sub
Target Version: 3.50 Sample Matrix: WATER
Processing Host: hpd3

Concentration Formula: Amt * DF * ((Vt)/(Vo))/1000 * CpndVariable

| Name | Value | Description |
|---|---|---|
| DF | 1.00000 | Dilution Factor |
| Vt | 4.00000 | Volume of final extract (mL) |
| Vo | 1.00000 | Volume of sample extracted (mL) |

Cpnd Variable Local Compound Variable

| RT | EXP RT | DLT RT | RESPONSE | AMOUNTS CAL-AMT ( ug/L) | AMOUNTS ON-COL ( ug/L) | TARGET RANGE | RATIO |
|---|---|---|---|---|---|---|---|
| 21 Aroclor-1016 | | | | | CAS #: 12674-11-2 | | |
| 2.410 | 2.410 | 0.000 | 83609 | 1000.00 | 1000 | 80.00- 120.00 | 100.00(M) |
| 2.737 | 2.737 | 0.000 | 138956 | 1000.00 | 980 | 131.33- 197.00 | 166.20 |
| 2.932 | 2.932 | 0.000 | 99647 | 1000.00 | 1000 | 97.90- 146.86 | 119.18 |
| 3.195 | 3.195 | 0.000 | 290404 | 1000.00 | 1000 | 290.01- 435.02 | 347.34 |
| 3.338 | 3.338 | 0.000 | 113388 | 1000.00 | 1000 | 111.70- 167.54 | 135.62 |
| 3.402 | 3.402 | 0.000 | 79478 | 1000.00 | 1000 | 81.98- 122.98 | 95.06 |
| 3.552 | 3.552 | 0.000 | 135320 | 1000.00 | 960 | 127.84- 191.77 | 161.85 |
| 3.778 | 3.778 | 0.000 | 117662 | 1000.00 | 1000 | 116.06- 174.09 | 140.73 |
| Average of Peak Amounts = | | | | | 998 | | |
| 27 Aroclor-1260 | | | | | CAS #: 11096-82-5 | | |
| 5.198 | 5.198 | 0.000 | 168295 | 1000.00 | 950 | 80.00- 120.00 | 100.00(M) |
| 5.542 | 5.542 | 0.000 | 301650 | 1000.00 | 960 | 143.69- 215.54 | 179.24 |

| RT | EXP RT | DLT RT | RESPONSE | AMOUNTS CAL-AMT ( ug/L) | AMOUNTS ON-COL ( ug/L) | TARGET RANGE | RATIO |
|---|---|---|---|---|---|---|---|
| 27 Aroclor-1260 (continued) | | | | | | | |
| 5.887 | 5.887 | 0.000 | 289586 | 1000.00 | 980 | 140.35- 210.53 | 172.07 |
| 6.033 | 6.033 | 0.000 | 137713 | 1000.00 | 950 | 65.48- 98.23 | 81.83 |
| 6.367 | 6.367 | 0.000 | 148343 | 1000.00 | 940 | 72.09- 108.14 | 88.14 |
| 7.347 | 7.347 | 0.000 | 189126 | 1000.00 | 1000 | 93.56- 140.34 | 112.38 |
| 7.512 | 7.512 | 0.000 | 98602 | 1000.00 | 980 | 49.43- 74.15 | 58.59 |
| 8.717 | 8.717 | 0.000 | 89432 | 1000.00 | 940 | 46.54- 69.81 | 53.14 |
| Average of Peak Amounts = | | | | | 963 | | |
| $ 30 Decachlorobiphenyl(surr) | | | | | CAS #: 2051-24-3 | | |
| 9.445 | 9.445 | 0.000 | 301146 | 100.000 | 96 | 80.00- 120.00 | 100.00 |

QC Flag Legend

M - Compound response manually integrated.

Data File: or173242.d

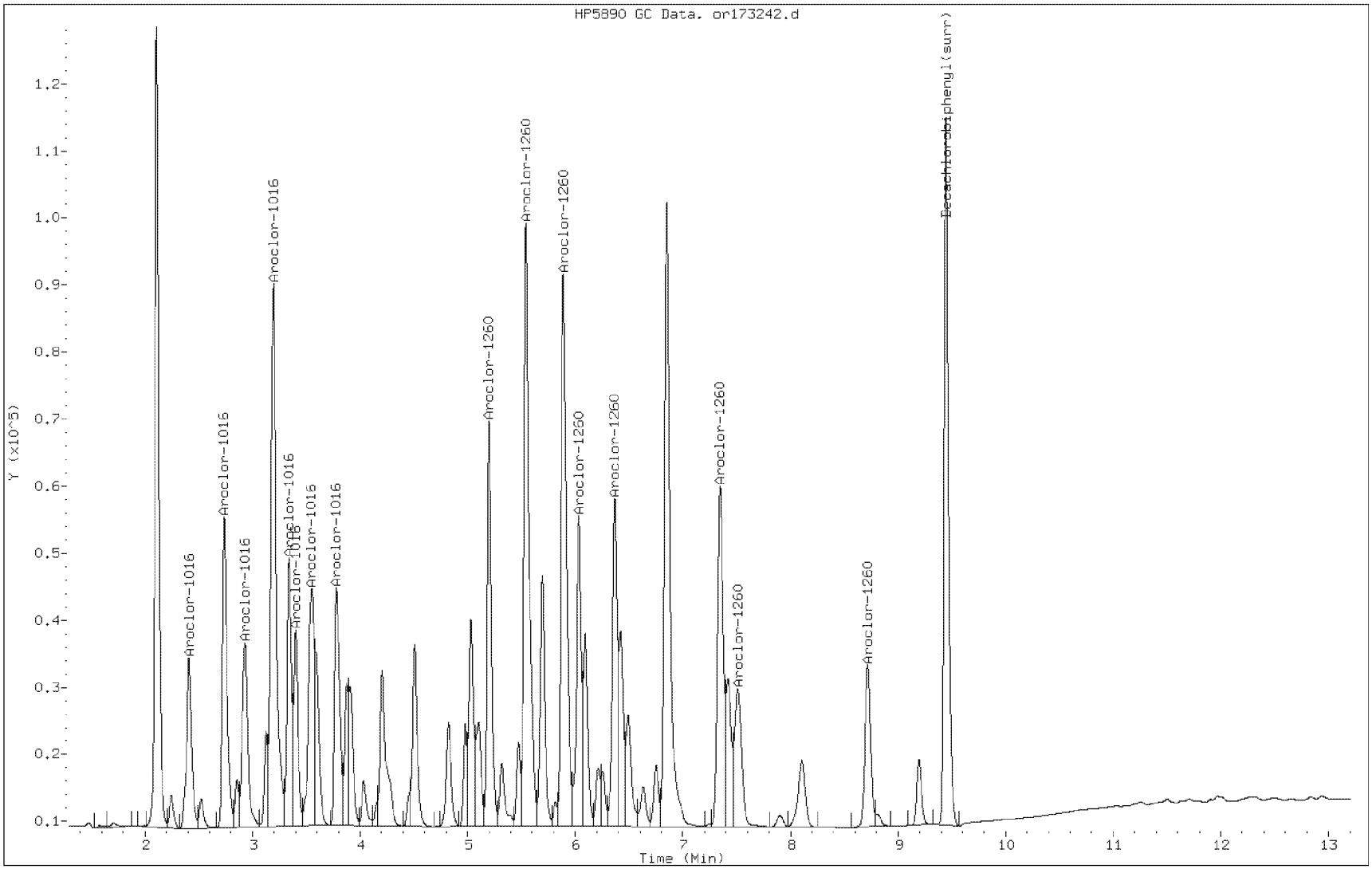
Date: 01-JUN-2011 23:18

Client ID:

Instrument: PESTGC7.i

Sample Info: SG1660L3_00012

Operator: 462



TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC7.i/8082/rear/Jun11/06-02-11ical/02jun11a.b/or173243.d
Lab Smp Id: SG1660L4_00009
Inj Date : 01-JUN-2011 23:35
Operator : 462 Inst ID: PESTGC7.i
Smp Info : SG1660L4_00009
Misc Info :
Comment :
Method : /chem1/PESTGC7.i/8082/rear/Jun11/06-02-11ical/02jun11a.b/08Or8082.m
Meth Date : 02-Jun-2011 08:07 Ex. 4 CBI Quant Type: ESTD
Cal Date : 02-JUN-2011 01:46 Cal File: or173251.d
Als bottle: 12 Calibration Sample, Level: 4
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: AR16600S.sub
Target Version: 3.50 Sample Matrix: WATER
Processing Host: hpd3

Concentration Formula: Amt * DF * ((Vt)/(Vo))/1000 * CpndVariable

| Name | Value | Description |
|---|---|---|
| DF | 1.00000 | Dilution Factor |
| Vt | 4.00000 | Volume of final extract (mL) |
| Vo | 1.00000 | Volume of sample extracted (mL) |

Cpnd Variable Local Compound Variable

| RT | EXP RT | DLT RT | RESPONSE | AMOUNTS CAL-AMT ( ug/L) | AMOUNTS ON-COL ( ug/L) | TARGET RANGE | RATIO |
|---|---|---|---|---|---|---|---|
| 21 Aroclor-1016 | | | | | CAS #: 12674-11-2 | | |
| 2.408 | 2.410 | -0.002 | 126571 | 1500.00 | 1500 | 80.00- 120.00 | 100.00(M) |
| 2.737 | 2.737 | 0.000 | 207133 | 1500.00 | 1400 | 131.33- 197.00 | 163.65 |
| 2.932 | 2.932 | 0.000 | 151501 | 1500.00 | 1500 | 97.90- 146.86 | 119.70 |
| 3.195 | 3.195 | 0.000 | 444394 | 1500.00 | 1500 | 290.01- 435.02 | 351.10 |
| 3.340 | 3.338 | 0.002 | 171801 | 1500.00 | 1500 | 111.70- 167.54 | 135.73 |
| 3.402 | 3.402 | 0.000 | 124568 | 1500.00 | 1600 | 81.98- 122.98 | 98.42 |
| 3.553 | 3.552 | 0.001 | 199040 | 1500.00 | 1400 | 127.84- 191.77 | 157.26 |
| 3.778 | 3.778 | 0.000 | 177719 | 1500.00 | 1500 | 116.06- 174.09 | 140.41 |
| Average of Peak Amounts = | | | | 1.51e+03 | | | |
| 27 Aroclor-1260 | | | | | CAS #: 11096-82-5 | | |
| 5.198 | 5.198 | 0.000 | 254180 | 1500.00 | 1400 | 80.00- 120.00 | 100.00(M) |
| 5.542 | 5.542 | 0.000 | 456704 | 1500.00 | 1400 | 143.69- 215.54 | 179.68 |

| RT | EXP RT | DLT RT | RESPONSE | AMOUNTS CAL-AMT ( ug/L) | AMOUNTS ON-COL ( ug/L) | TARGET RANGE | RATIO |
|---|---|---|---|---|---|---|---|
| 27 Aroclor-1260 (continued) | | | | | | | |
| 5.887 | 5.887 | 0.000 | 446132 | 1500.00 | 1500 | 140.35- 210.53 | 175.52 |
| 6.033 | 6.033 | 0.000 | 208767 | 1500.00 | 1400 | 65.48- 98.23 | 82.13 |
| 6.367 | 6.367 | 0.000 | 230124 | 1500.00 | 1500 | 72.09- 108.14 | 90.54 |
| 7.347 | 7.347 | 0.000 | 295441 | 1500.00 | 1600 | 93.56- 140.34 | 116.23 |
| 7.512 | 7.512 | 0.000 | 154618 | 1500.00 | 1500 | 49.43- 74.15 | 60.83 |
| 8.717 | 8.717 | 0.000 | 139935 | 1500.00 | 1500 | 46.54- 69.81 | 55.05 |
| Average of Peak Amounts = | | | | 1.48e+03 | | | |
| $ 30 Decachlorobiphenyl(surr) | | | | | CAS #: 2051-24-3 | | |
| 9.445 | 9.445 | 0.000 | 432359 | 150.000 | 140 | 80.00- 120.00 | 100.00 |

QC Flag Legend

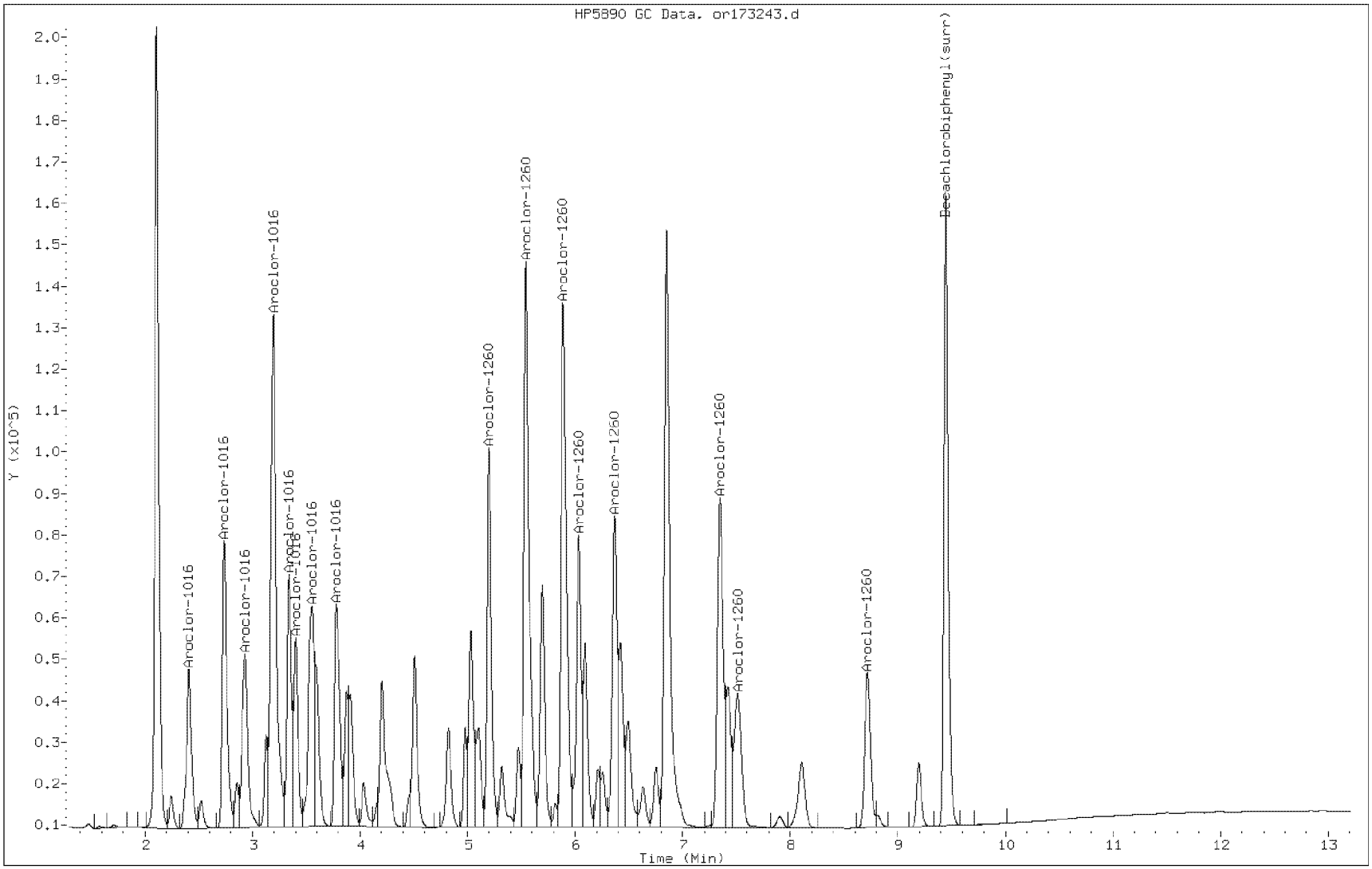
M - Compound response manually integrated.

Data File: or173243.d

Date: 01-JUN-2011 23:35

Client ID: Instrument: PESTGC7.i

Sample Info: SG1660L4_00009 Operator: 462



TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC7.i/8082/rear/Jun11/06-02-11ical/02jun11a.b/or173244.d
Lab Smp Id: SG1660L5_00009
Inj Date : 01-JUN-2011 23:51
Operator : 462 Inst ID: PESTGC7.i
Smp Info : SG1660L5_00009
Misc Info :
Comment :
Method : /chem1/PESTGC7.i/8082/rear/Jun11/06-02-11ical/02jun11a.b/08Or8082.m
Meth Date : 02-Jun-2011 08:07 Ex. 4 CBI Quant Type: ESTD
Cal Date : 02-JUN-2011 01:46 Cal File: or173251.d
Als bottle: 13 Calibration Sample, Level: 5
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: AR16600S.sub
Target Version: 3.50 Sample Matrix: WATER
Processing Host: hpd3

Concentration Formula: Amt * DF * ((Vt)/(Vo))/1000 * CpndVariable

| Name | Value | Description |
|---|---|---|
| DF | 1.00000 | Dilution Factor |
| Vt | 4.00000 | Volume of final extract (mL) |
| Vo | 1.00000 | Volume of sample extracted (mL) |

Cpnd Variable Local Compound Variable

| RT | EXP RT | DLT RT | RESPONSE | AMOUNTS CAL-AMT ( ug/L) | AMOUNTS ON-COL ( ug/L) | TARGET RANGE | RATIO |
|---|---|---|---|---|---|---|---|
| 21 Aroclor-1016 | | | | | CAS #: 12674-11-2 | | |
| 2.408 | 2.410 | -0.002 | 181012 | 2500.00 | 2200 | 80.00- 120.00 | 100.00(M) |
| 2.737 | 2.737 | 0.000 | 297163 | 2500.00 | 2100 | 131.33- 197.00 | 164.17 |
| 2.930 | 2.932 | -0.002 | 221521 | 2500.00 | 2200 | 97.90- 146.86 | 122.38 |
| 3.195 | 3.195 | 0.000 | 656202 | 2500.00 | 2300 | 290.01- 435.02 | 362.52 |
| 3.338 | 3.338 | 0.000 | 252729 | 2500.00 | 2200 | 111.70- 167.54 | 139.62 |
| 3.402 | 3.402 | 0.000 | 185500 | 2500.00 | 2400 | 81.98- 122.98 | 102.48 |
| 3.553 | 3.552 | 0.001 | 289266 | 2500.00 | 2000 | 127.84- 191.77 | 159.80 |
| 3.778 | 3.778 | 0.000 | 262606 | 2500.00 | 2200 | 116.06- 174.09 | 145.08 |
| Average of Peak Amounts = | | | | 2.21e+03 | | | |
| 27 Aroclor-1260 | | | | | CAS #: 11096-82-5 | | |
| 5.198 | 5.198 | 0.000 | 371656 | 2500.00 | 2100 | 80.00- 120.00 | 100.00(M) |
| 5.542 | 5.542 | 0.000 | 667544 | 2500.00 | 2100 | 143.69- 215.54 | 179.61 |

| RT | EXP RT | DLT RT | RESPONSE | AMOUNTS CAL-AMT ( ug/L) | AMOUNTS ON-COL ( ug/L) | TARGET RANGE | RATIO |
|---|---|---|---|---|---|---|---|
| 27 Aroclor-1260 (continued) | | | | | | | |
| 5.887 | 5.887 | 0.000 | 652044 | 2500.00 | 2200 | 140.35- 210.53 | 175.44 |
| 6.033 | 6.033 | 0.000 | 304218 | 2500.00 | 2100 | 65.48- 98.23 | 81.85 |
| 6.367 | 6.367 | 0.000 | 334915 | 2500.00 | 2100 | 72.09- 108.14 | 90.11 |
| 7.347 | 7.347 | 0.000 | 434665 | 2500.00 | 2300 | 93.56- 140.34 | 116.95 |
| 7.510 | 7.512 | -0.002 | 229640 | 2500.00 | 2300 | 49.43- 74.15 | 61.79 |
| 8.717 | 8.717 | 0.000 | 216218 | 2500.00 | 2300 | 46.54- 69.81 | 58.18 |
| Average of Peak Amounts = | | | | 2.19e+03 | | | |
| $ 30 Decachlorobiphenyl(surr) | | | | | CAS #: 2051-24-3 | | |
| 9.445 | 9.445 | 0.000 | 543581 | 200.000 | 170 | 80.00- 120.00 | 100.00 |

QC Flag Legend

M - Compound response manually integrated.

Data File: or173244.d

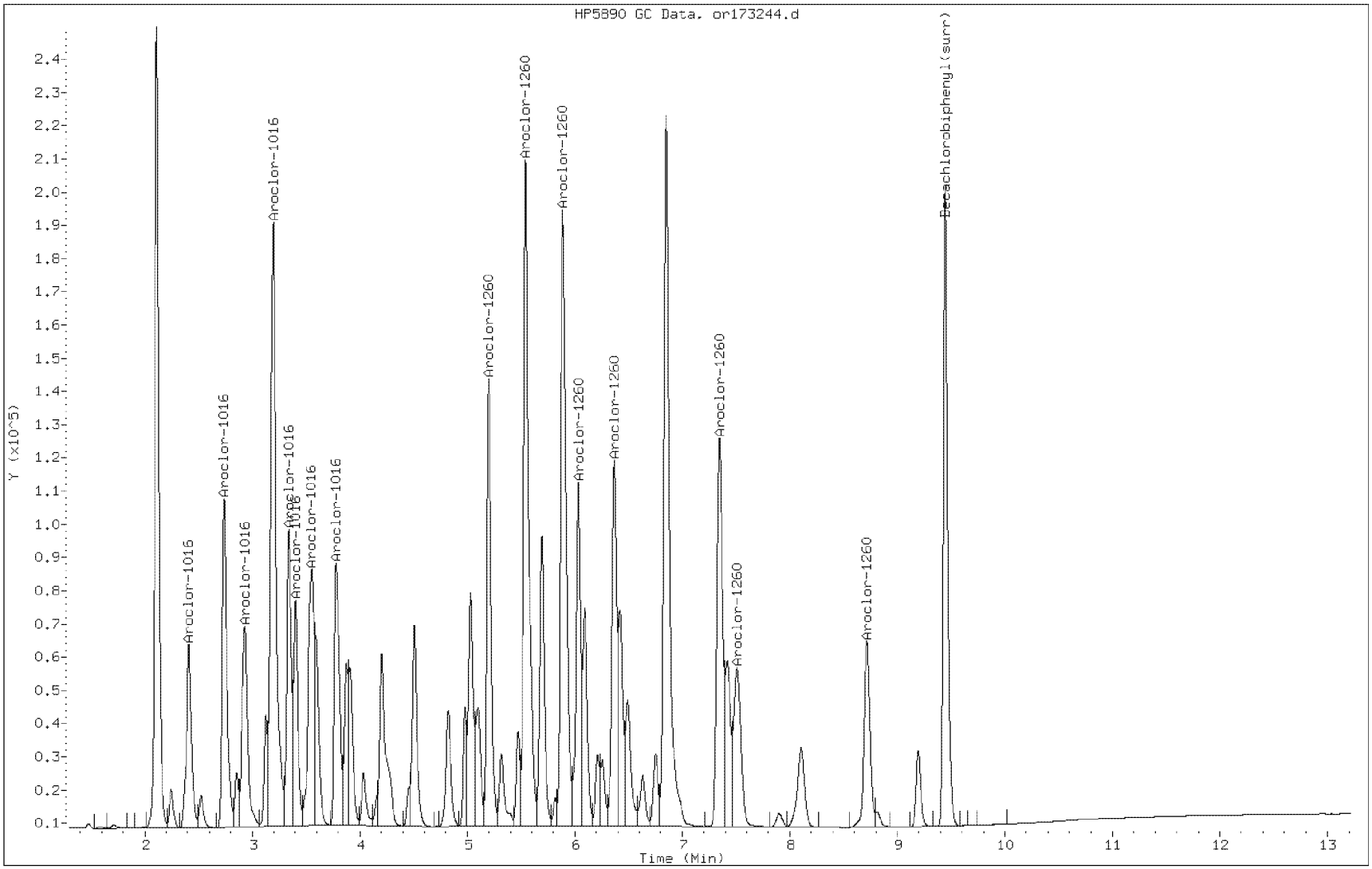
Date: 01-JUN-2011 23:51

Client ID:

Instrument: PESTGC7.i

Sample Info: SG1660L5_00009

Operator: 462



FORM VI
GC SEMI VOA INITIAL CALIBRATION DATA
EXTERNAL STANDARD RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-27128-1 Analy Batch No.: 75405

SDG No.:

Instrument ID: PESTGC7 GC Column: CLP-2 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 06/02/2011 00:08 Calibration End Date: 06/02/2011 00:08 Calibration ID: 11081

Calibration Files:

| LEVEL: | LAB SAMPLE ID: | LAB FILE ID: |
|---|---|---|
| Level 1 | IC 460-75405/7 | of173245.d |

| ANALYTE | LVL 1 | | | | | | | | | | RT WINDOW | AVG RT |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| PCB-1221 Peak 1 | 2.035 | | | | | | | | | | 1.965 - 2.105 | 2.035 |
| PCB-1221 Peak 2 | 2.377 | | | | | | | | | | 2.307 - 2.447 | 2.377 |
| PCB-1221 Peak 3 | 2.770 | | | | | | | | | | 2.700 - 2.840 | 2.770 |
| PCB-1221 Peak 4 | 2.920 | | | | | | | | | | 2.850 - 2.990 | 2.920 |
| PCB-1221 Peak 5 | 2.988 | | | | | | | | | | 2.918 - 3.058 | 2.988 |
| PCB-1221 Peak 6 | 3.442 | | | | | | | | | | 3.372 - 3.512 | 3.442 |
| PCB-1221 Peak 7 | 3.512 | | | | | | | | | | 3.442 - 3.582 | 3.512 |
| PCB-1221 Peak 8 | 3.983 | | | | | | | | | | 3.913 - 4.053 | 3.983 |

FORM VI
GC SEMI VOA INITIAL CALIBRATION DATA
EXTERNAL STANDARD CURVE EVALUTION

Lab Name: TestAmerica Edison Job No.: 460-27128-1 Analy Batch No.: 75405

SDG No.:

Instrument ID: PESTGC7 GC Column: CLP-2 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 06/02/2011 00:08 Calibration End Date: 06/02/2011 00:08 Calibration ID: 11081

Calibration Files:

| LEVEL: | LAB SAMPLE ID: | LAB FILE ID: |
|---|---|---|
| Level 1 | IC 460-75405/7 | of173245.d |

| ANALYTE | CF | | | | CURVE TYPE | COEFFICIENT | | | # | MIN CF | %RSD | # | MAX %RSD | R^2 OR COD | # | MIN R^2 OR COD |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | LVL 1 | | | | | B | M1 | M2 | | | | | | | | |
| PCB-1221 Peak 1 | 43.892 | | | | Ave | | 43.8920000 | | | | | | 20.0 | | | |
| PCB-1221 Peak 2 | 15.405 | | | | Ave | | 15.4050000 | | | | | | 20.0 | | | |
| PCB-1221 Peak 3 | 53.743 | | | | Ave | | 53.7430000 | | | | | | 20.0 | | | |
| PCB-1221 Peak 4 | 39.071 | | | | Ave | | 39.0710000 | | | | | | 20.0 | | | |
| PCB-1221 Peak 5 | 131.24 | | | | Ave | | 131.242000 | | | | | | 20.0 | | | |
| PCB-1221 Peak 6 | 25.016 | | | | Ave | | 25.0160000 | | | | | | 20.0 | | | |
| PCB-1221 Peak 7 | 29.401 | | | | Ave | | 29.4010000 | | | | | | 20.0 | | | |
| PCB-1221 Peak 8 | 25.423 | | | | Ave | | 25.4230000 | | | | | | 20.0 | | | |

Note: The m1 coefficient is the same as Ave CF for an Ave curve type.

FORM VI
GC SEMI VOA INITIAL CALIBRATION DATA
EXTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Edison Job No.: 460-27128-1 Analy Batch No.: 75405

SDG No.:

Instrument ID: PESTGC7 GC Column: CLP-2 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 06/02/2011 00:08 Calibration End Date: 06/02/2011 00:08 Calibration ID: 11081

Calibration Files:

| LEVEL: | LAB SAMPLE ID: | LAB FILE ID: |
|---|---|---|
| Level 1 | IC 460-75405/7 | of173245.d |

| ANALYTE | CURVE TYPE | RESPONSE | | | | | CONCENTRATION (UG/L) | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | LVL 1 | | | | | LVL 1 | | | | |
| PCB-1221 Peak 1 | Ave | 43892 | | | | | 1000 | | | | |
| PCB-1221 Peak 2 | Ave | 15405 | | | | | 1000 | | | | |
| PCB-1221 Peak 3 | Ave | 53743 | | | | | 1000 | | | | |
| PCB-1221 Peak 4 | Ave | 39071 | | | | | 1000 | | | | |
| PCB-1221 Peak 5 | Ave | 131242 | | | | | 1000 | | | | |
| PCB-1221 Peak 6 | Ave | 25016 | | | | | 1000 | | | | |
| PCB-1221 Peak 7 | Ave | 29401 | | | | | 1000 | | | | |
| PCB-1221 Peak 8 | Ave | 25423 | | | | | 1000 | | | | |

Curve Type Legend:
Ave = Average

Data File: of173245.d
Report Date: 02-Jun-2011 08:39

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC7.i/8082/front/Jun11/06-02-11ical/02jun11a.b/of173245.d
Lab Smp Id: SG1221L3_00012
Inj Date : 02-JUN-2011 00:08
Operator : 462 Inst ID: PESTGC7.i
Smp Info : SG1221L3_00012
Misc Info :
Comment :
Method : /chem1/PESTGC7.i/8082/front/Jun11/06-02-11ical/02jun11a.b/08Of8082.m
Meth Date : 02-Jun-2011 07:18 Ex. 4 CBI Quant Type: ESTD
Cal Date : 02-JUN-2011 00:08 Cal File: of173245.d
Als bottle: 14 Calibration Sample, Level: 3
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: AR12210.sub
Target Version: 3.50 Sample Matrix: WATER
Processing Host: hpd3

Concentration Formula: Amt * DF * ((Vt)/(Vo))/1000 * CpndVariable

| Name | Value | Description |
|---|---|---|
| DF | 1.00000 | Dilution Factor |
| Vt | 4.00000 | Volume of final extract (mL) |
| Vo | 1.00000 | Volume of sample extracted (mL) |

Cpnd Variable Local Compound Variable

| RT | EXP RT | DLT RT | RESPONSE | AMOUNTS CAL-AMT ( ug/L) | AMOUNTS ON-COL ( ug/L) | TARGET RANGE | RATIO |
|---|---|---|---|---|---|---|---|
| 22 Aroclor-1221 | | | | | CAS #: 11104-28-2 | | |
| 2.035 | 2.477 | -0.442 | 43892 | 1000.00 | 1000 | 80.00- 120.00 | 100.00(M) |
| 2.377 | 2.848 | -0.471 | 15405 | 1000.00 | 1000 | 0.00- 0.00 | 35.10 |
| 2.770 | 3.272 | -0.502 | 53743 | 1000.00 | 1000 | 3.75- 5.63 | 122.44 |
| 2.920 | 3.433 | -0.513 | 39071 | 1000.00 | 1000 | 43.11- 64.67 | 89.02 |
| 2.988 | 3.505 | -0.517 | 131242 | 1000.00 | 1000 | 0.00- 0.00 | 299.01 |
| 3.442 | 3.982 | -0.540 | 25016 | 1000.00 | 1000 | 82.32- 123.48 | 56.99 |
| 3.512 | 4.287 | -0.775 | 29401 | 1000.00 | 1000 | 28.75- 43.12 | 66.98 |
| 3.983 | 4.553 | -0.570 | 25423 | 1000.00 | 1000 | 0.00- 0.00 | 57.92 |

Average of Peak Amounts = 1e+03

Data File: of173245.d
Report Date: 02-Jun-2011 08:39

QC Flag Legend

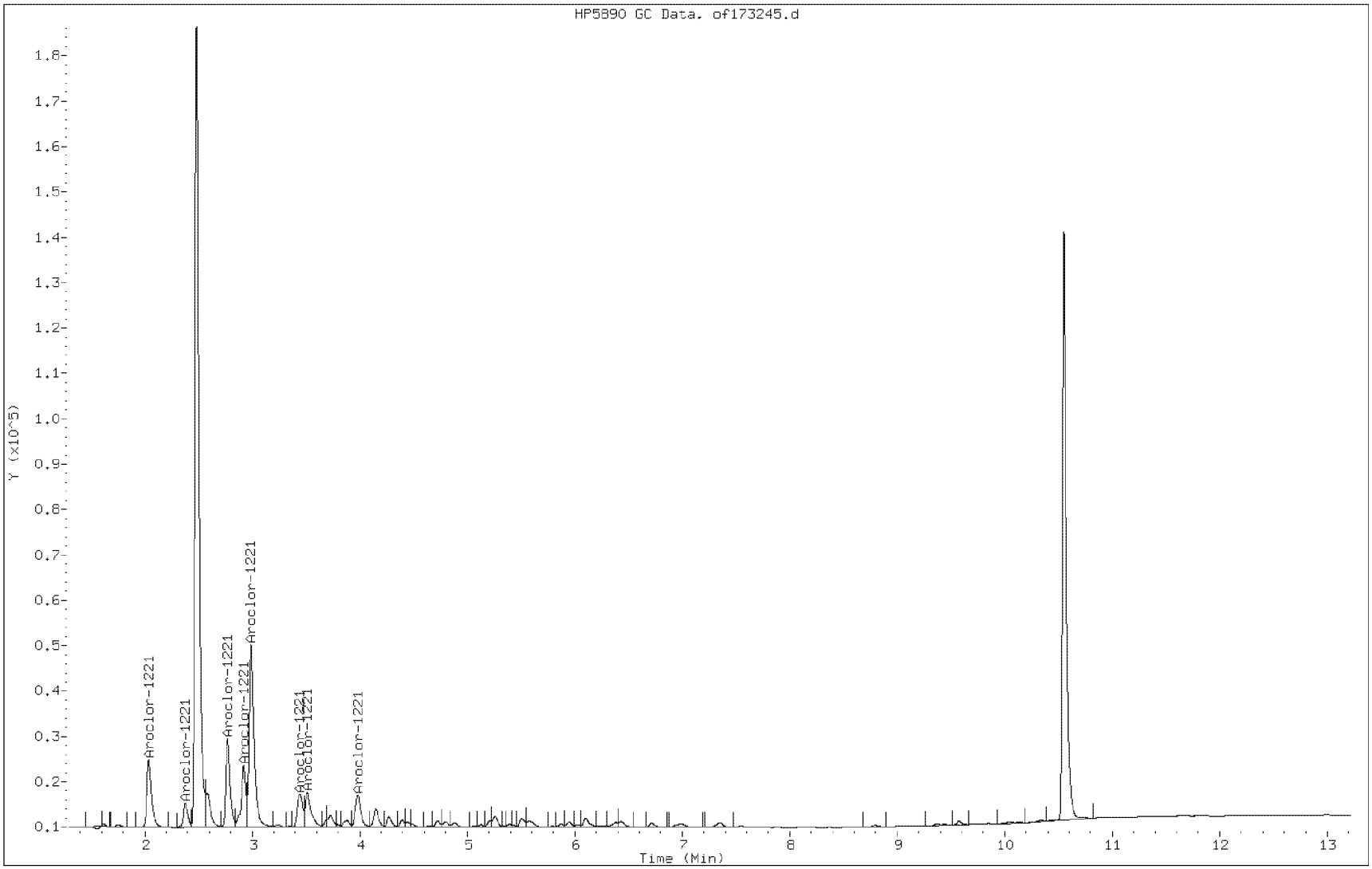
M - Compound response manually integrated.

Data File: of173245.d

Date: 02-JUN-2011 00:08

Client ID: Instrument: PESTGC7.i

Sample Info: SG1221L3_00012 Operator: 462



FORM VI
GC SEMI VOA INITIAL CALIBRATION DATA
EXTERNAL STANDARD RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-27128-1 Analy Batch No.: 75405

SDG No.:

Instrument ID: PESTGC7 GC Column: CLP-1 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 06/02/2011 00:08 Calibration End Date: 06/02/2011 00:08 Calibration ID: 11082

Calibration Files:

| LEVEL: | LAB SAMPLE ID: | LAB FILE ID: |
|---|---|---|
| Level 1 | IC 460-75405/7 | or173245.d |

| ANALYTE | LVL 1 | | | | | | | | | | RT WINDOW | AVG RT |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| PCB-1221 Peak 1 | 1.697 | | | | | | | | | | 1.627 - 1.767 | 1.697 |
| PCB-1221 Peak 2 | 1.985 | | | | | | | | | | 1.915 - 2.055 | 1.985 |
| PCB-1221 Peak 3 | 2.233 | | | | | | | | | | 2.163 - 2.303 | 2.233 |
| PCB-1221 Peak 4 | 2.398 | | | | | | | | | | 2.328 - 2.468 | 2.398 |
| PCB-1221 Peak 5 | 2.733 | | | | | | | | | | 2.663 - 2.803 | 2.733 |
| PCB-1221 Peak 6 | 2.792 | | | | | | | | | | 2.722 - 2.862 | 2.792 |
| PCB-1221 Peak 7 | 2.855 | | | | | | | | | | 2.785 - 2.925 | 2.855 |
| PCB-1221 Peak 8 | 3.192 | | | | | | | | | | 3.122 - 3.262 | 3.192 |

FORM VI
GC SEMI VOA INITIAL CALIBRATION DATA
EXTERNAL STANDARD CURVE EVALUTION

Lab Name: TestAmerica Edison Job No.: 460-27128-1 Analy Batch No.: 75405

SDG No.:

Instrument ID: PESTGC7 GC Column: CLP-1 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 06/02/2011 00:08 Calibration End Date: 06/02/2011 00:08 Calibration ID: 11082

Calibration Files:

| LEVEL: | LAB SAMPLE ID: | LAB FILE ID: |
|---|---|---|
| Level 1 | IC 460-75405/7 | or173245.d |

| ANALYTE | CF | | | | CURVE TYPE | COEFFICIENT | | | # | MIN CF | %RSD | # | MAX %RSD | R^2 OR COD | # | MIN R^2 OR COD |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | LVL 1 | | | | | B | M1 | M2 | | | | | | | | |
| PCB-1221 Peak 1 | 39.253 | | | | Ave | | 39.2530000 | | | | | | 20.0 | | | |
| PCB-1221 Peak 2 | 13.692 | | | | Ave | | 13.6920000 | | | | | | 20.0 | | | |
| PCB-1221 Peak 3 | 41.063 | | | | Ave | | 41.0630000 | | | | | | 20.0 | | | |
| PCB-1221 Peak 4 | 127.79 | | | | Ave | | 127.791000 | | | | | | 20.0 | | | |
| PCB-1221 Peak 5 | 12.261 | | | | Ave | | 12.2610000 | | | | | | 20.0 | | | |
| PCB-1221 Peak 6 | 10.487 | | | | Ave | | 10.4870000 | | | | | | 20.0 | | | |
| PCB-1221 Peak 7 | 19.618 | | | | Ave | | 19.6180000 | | | | | | 20.0 | | | |
| PCB-1221 Peak 8 | 19.597 | | | | Ave | | 19.5970000 | | | | | | 20.0 | | | |

Note: The m1 coefficient is the same as Ave CF for an Ave curve type.

FORM VI
GC SEMI VOA INITIAL CALIBRATION DATA
EXTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Edison Job No.: 460-27128-1 Analy Batch No.: 75405

SDG No.:

Instrument ID: PESTGC7 GC Column: CLP-1 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 06/02/2011 00:08 Calibration End Date: 06/02/2011 00:08 Calibration ID: 11082

Calibration Files:

| LEVEL: | LAB SAMPLE ID: | LAB FILE ID: |
|---|---|---|
| Level 1 | IC 460-75405/7 | or173245.d |

| ANALYTE | CURVE TYPE | RESPONSE | | | | | CONCENTRATION (UG/L) | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | LVL 1 | | | | | LVL 1 | | | | |
| PCB-1221 Peak 1 | Ave | 39253 | | | | | 1000 | | | | |
| PCB-1221 Peak 2 | Ave | 13692 | | | | | 1000 | | | | |
| PCB-1221 Peak 3 | Ave | 41063 | | | | | 1000 | | | | |
| PCB-1221 Peak 4 | Ave | 127791 | | | | | 1000 | | | | |
| PCB-1221 Peak 5 | Ave | 12261 | | | | | 1000 | | | | |
| PCB-1221 Peak 6 | Ave | 10487 | | | | | 1000 | | | | |
| PCB-1221 Peak 7 | Ave | 19618 | | | | | 1000 | | | | |
| PCB-1221 Peak 8 | Ave | 19597 | | | | | 1000 | | | | |

Curve Type Legend:
Ave = Average

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC7.i/8082/rear/Jun11/06-02-11ical/02jun11a.b/or173245.d
Lab Smp Id: SG1221L3_00012
Inj Date : 02-JUN-2011 00:08
Operator : 462 Inst ID: PESTGC7.i
Smp Info : SG1221L3_00012
Misc Info :
Comment :
Method : /chem1/PESTGC7.i/8082/rear/Jun11/06-02-11ical/02jun11a.b/08Or8082.m
Meth Date : 02-Jun-2011 08:07 Ex. 4 CBI Quant Type: ESTD
Cal Date : 02-JUN-2011 01:46 Cal File: or173251.d
Als bottle: 14 Calibration Sample, Level: 3
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: AR12210.sub
Target Version: 3.50 Sample Matrix: WATER
Processing Host: hpd3

Concentration Formula: Amt * DF * ((Vt)/(Vo))/1000 * CpndVariable

| Name | Value | Description |
|---|---|---|
| DF | 1.00000 | Dilution Factor |
| Vt | 4.00000 | Volume of final extract (mL) |
| Vo | 1.00000 | Volume of sample extracted (mL) |

Cpnd Variable Local Compound Variable

| RT | EXP RT | DLT RT | RESPONSE | AMOUNTS CAL-AMT ( ug/L) | AMOUNTS ON-COL ( ug/L) | TARGET RANGE | RATIO |
|---|---|---|---|---|---|---|---|
| 22 Aroclor-1221 | | | | | CAS #: 11104-28-2 | | |
| 1.697 | 1.697 | 0.000 | 39253 | 1000.00 | 1000 | 80.00- 120.00 | 100.00(M) |
| 1.985 | 1.985 | 0.000 | 13692 | 1000.00 | 1000 | 27.91- 41.86 | 34.88 |
| 2.233 | 2.233 | 0.000 | 41063 | 1000.00 | 1000 | 83.69- 125.53 | 104.61 |
| 2.398 | 2.398 | 0.000 | 127791 | 1000.00 | 1000 | 260.45- 390.67 | 325.56 |
| 2.733 | 2.733 | 0.000 | 12261 | 1000.00 | 1000 | 24.99- 37.48 | 31.24 |
| 2.792 | 2.792 | 0.000 | 10487 | 1000.00 | 1000 | 21.37- 32.06 | 26.72 |
| 2.855 | 2.855 | 0.000 | 19618 | 1000.00 | 1000 | 39.98- 59.97 | 49.98 |
| 3.192 | 3.192 | 0.000 | 19597 | 1000.00 | 1000 | 39.94- 59.91 | 49.92 |
| Average of Peak Amounts = | | | | | 1e+03 | | |

QC Flag Legend

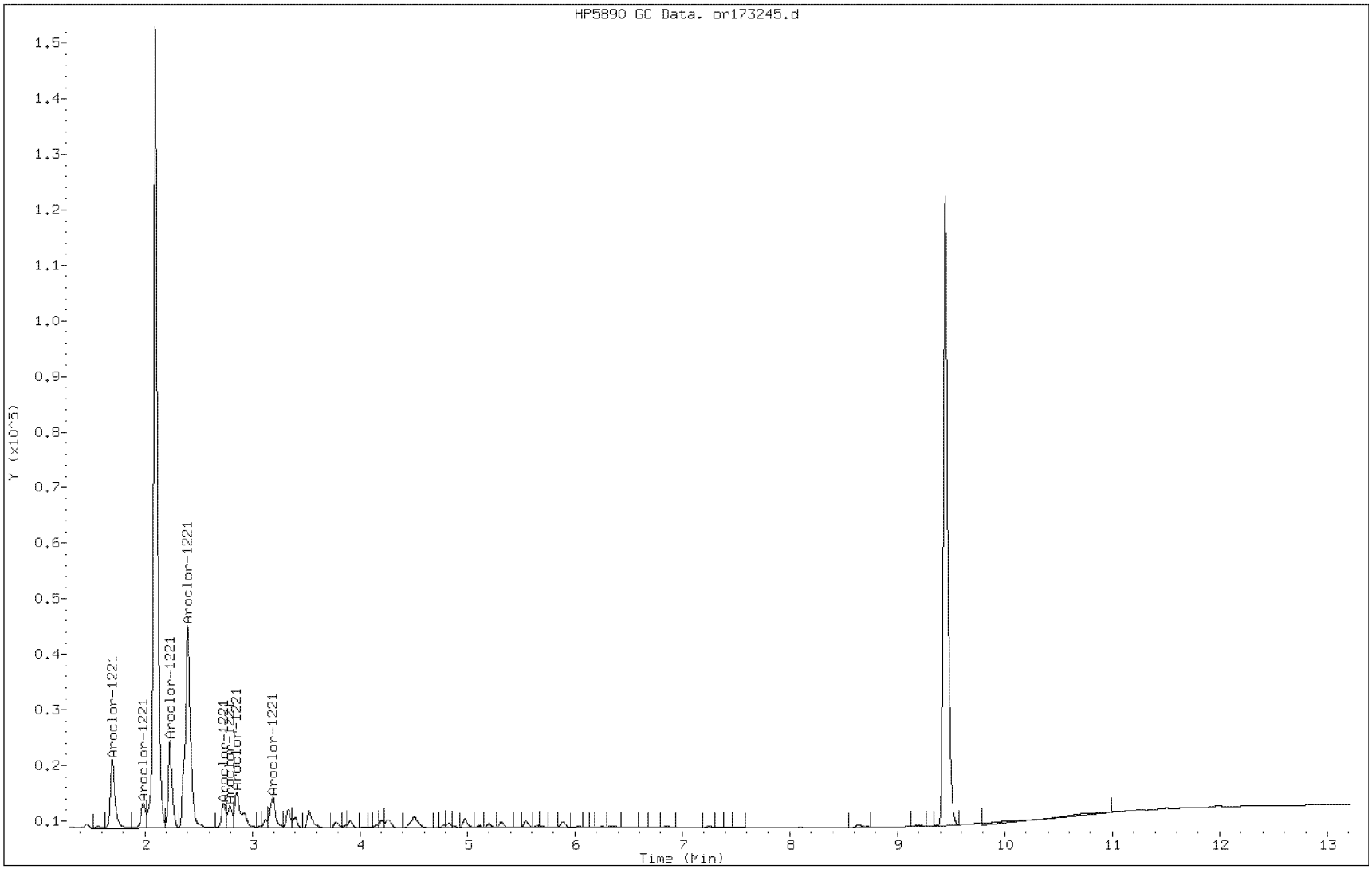
M - Compound response manually integrated.

Data File: or173245.d

Date: 02-JUN-2011 00:08

Client ID: Instrument: PESTGC7.i

Sample Info: SG1221L3_00012 Operator: 462



FORM VI
GC SEMI VOA INITIAL CALIBRATION DATA
EXTERNAL STANDARD RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-27128-1 Analy Batch No.: 75405

SDG No.:

Instrument ID: PESTGC7 GC Column: CLP-2 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 06/02/2011 00:24 Calibration End Date: 06/02/2011 00:24 Calibration ID: 11083

Calibration Files:

| LEVEL: | LAB SAMPLE ID: | LAB FILE ID: |
|---|---|---|
| Level 1 | IC 460-75405/8 | of173246.d |

| ANALYTE | LVL 1 | | | | | | | | | | RT WINDOW | AVG RT |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| PCB-1232 Peak 1 | 2.995 | | | | | | | | | | 2.925 - 3.065 | 2.995 |
| PCB-1232 Peak 2 | 3.453 | | | | | | | | | | 3.383 - 3.523 | 3.453 |
| PCB-1232 Peak 3 | 3.730 | | | | | | | | | | 3.660 - 3.800 | 3.730 |
| PCB-1232 Peak 4 | 4.152 | | | | | | | | | | 4.082 - 4.222 | 4.152 |
| PCB-1232 Peak 5 | 4.275 | | | | | | | | | | 4.205 - 4.345 | 4.275 |
| PCB-1232 Peak 6 | 4.395 | | | | | | | | | | 4.325 - 4.465 | 4.395 |
| PCB-1232 Peak 7 | 4.727 | | | | | | | | | | 4.657 - 4.797 | 4.727 |
| PCB-1232 Peak 8 | 4.882 | | | | | | | | | | 4.812 - 4.952 | 4.882 |

FORM VI
GC SEMI VOA INITIAL CALIBRATION DATA
EXTERNAL STANDARD CURVE EVALUTION

Lab Name: TestAmerica Edison Job No.: 460-27128-1 Analy Batch No.: 75405

SDG No.:

Instrument ID: PESTGC7 GC Column: CLP-2 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 06/02/2011 00:24 Calibration End Date: 06/02/2011 00:24 Calibration ID: 11083

Calibration Files:

| LEVEL: | LAB SAMPLE ID: | LAB FILE ID: |
|---|---|---|
| Level 1 | IC 460-75405/8 | of173246.d |

| ANALYTE | CF | | | | CURVE TYPE | COEFFICIENT | | | # | MIN CF | %RSD | # | MAX %RSD | R^2 OR COD | # | MIN R^2 OR COD |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | LVL 1 | | | | | B | M1 | M2 | | | | | | | | |
| PCB-1232 Peak 1 | 88.881 | | | | Ave | | 88.8810000 | | | | | | 20.0 | | | |
| PCB-1232 Peak 2 | 98.408 | | | | Ave | | 98.4080000 | | | | | | 20.0 | | | |
| PCB-1232 Peak 3 | 42.659 | | | | Ave | | 42.6590000 | | | | | | 20.0 | | | |
| PCB-1232 Peak 4 | 69.771 | | | | Ave | | 69.7710000 | | | | | | 20.0 | | | |
| PCB-1232 Peak 5 | 51.086 | | | | Ave | | 51.0860000 | | | | | | 20.0 | | | |
| PCB-1232 Peak 6 | 41.291 | | | | Ave | | 41.2910000 | | | | | | 20.0 | | | |
| PCB-1232 Peak 7 | 55.625 | | | | Ave | | 55.6250000 | | | | | | 20.0 | | | |
| PCB-1232 Peak 8 | 63.867 | | | | Ave | | 63.8670000 | | | | | | 20.0 | | | |

Note: The m1 coefficient is the same as Ave CF for an Ave curve type.

FORM VI
GC SEMI VOA INITIAL CALIBRATION DATA
EXTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Edison Job No.: 460-27128-1 Analy Batch No.: 75405

SDG No.:

Instrument ID: PESTGC7 GC Column: CLP-2 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 06/02/2011 00:24 Calibration End Date: 06/02/2011 00:24 Calibration ID: 11083

Calibration Files:

| LEVEL: | LAB SAMPLE ID: | LAB FILE ID: |
|---|---|---|
| Level 1 | IC 460-75405/8 | of173246.d |

| ANALYTE | CURVE TYPE | RESPONSE | | | | | CONCENTRATION (UG/L) | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | LVL 1 | | | | | LVL 1 | | | | |
| PCB-1232 Peak 1 | Ave | 88881 | | | | | 1000 | | | | |
| PCB-1232 Peak 2 | Ave | 98408 | | | | | 1000 | | | | |
| PCB-1232 Peak 3 | Ave | 42659 | | | | | 1000 | | | | |
| PCB-1232 Peak 4 | Ave | 69771 | | | | | 1000 | | | | |
| PCB-1232 Peak 5 | Ave | 51086 | | | | | 1000 | | | | |
| PCB-1232 Peak 6 | Ave | 41291 | | | | | 1000 | | | | |
| PCB-1232 Peak 7 | Ave | 55625 | | | | | 1000 | | | | |
| PCB-1232 Peak 8 | Ave | 63867 | | | | | 1000 | | | | |

Curve Type Legend:
Ave = Average

Data File: of173246.d
Report Date: 02-Jun-2011 08:42

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC7.i/8082/front/Jun11/06-02-11ical/02jun11a.b/of173246.d
Lab Smp Id: SG1232L3_00011
Inj Date : 02-JUN-2011 00:24
Operator : 462 Inst ID: PESTGC7.i
Smp Info : SG1232L3_00011
Misc Info :
Comment :
Method : /chem1/PESTGC7.i/8082/front/Jun11/06-02-11ical/02jun11a.b/08Of8082.m
Meth Date : 02-Jun-2011 07:18 Ex. 4 CBI Quant Type: ESTD
Cal Date : 02-JUN-2011 00:24 Cal File: of173246.d
Als bottle: 15 Calibration Sample, Level: 3
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: AR12320.sub
Target Version: 3.50 Sample Matrix: WATER
Processing Host: hpd3

Concentration Formula: Amt * DF * ((Vt)/(Vo))/1000 * CpndVariable

| Name | Value | Description |
|---|---|---|
| DF | 1.00000 | Dilution Factor |
| Vt | 4.00000 | Volume of final extract (mL) |
| Vo | 1.00000 | Volume of sample extracted (mL) |

Cpnd Variable Local Compound Variable

| RT | EXP RT | DLT RT | RESPONSE | AMOUNTS CAL-AMT ( ug/L) | AMOUNTS ON-COL ( ug/L) | TARGET RANGE | RATIO |
|---|---|---|---|---|---|---|---|
| 23 Aroclor-1232 | | | | | CAS #: 11141-16-5 | | |
| 2.995 | 3.505 | -0.510 | 88881 | 1000.00 | 1000 | 80.00- 120.00 | 100.00(M) |
| 3.453 | 3.988 | -0.535 | 98408 | 1000.00 | 1000 | 4849.58-7274.36 | 110.72 |
| 3.730 | 4.285 | -0.555 | 42659 | 1000.00 | 1000 | 1362.78-2044.18 | 48.00 |
| 4.152 | 4.723 | -0.571 | 69771 | 1000.00 | 1000 | 147.73- 221.59 | 78.50 |
| 4.275 | 4.855 | -0.580 | 51086 | 1000.00 | 1000 | 681.68-1022.52 | 57.48 |
| 4.395 | 4.975 | -0.580 | 41291 | 1000.00 | 1000 | 0.00- 0.00 | 46.46 |
| 4.727 | 5.322 | -0.595 | 55625 | 1000.00 | 1000 | 1498.74-2248.11 | 62.58 |
| 4.882 | 5.557 | -0.675 | 63867 | 1000.00 | 1000 | 1196.51-1794.76 | 71.86 |

Average of Peak Amounts = 1e+03

Data File: of173246.d
Report Date: 02-Jun-2011 08:42

QC Flag Legend

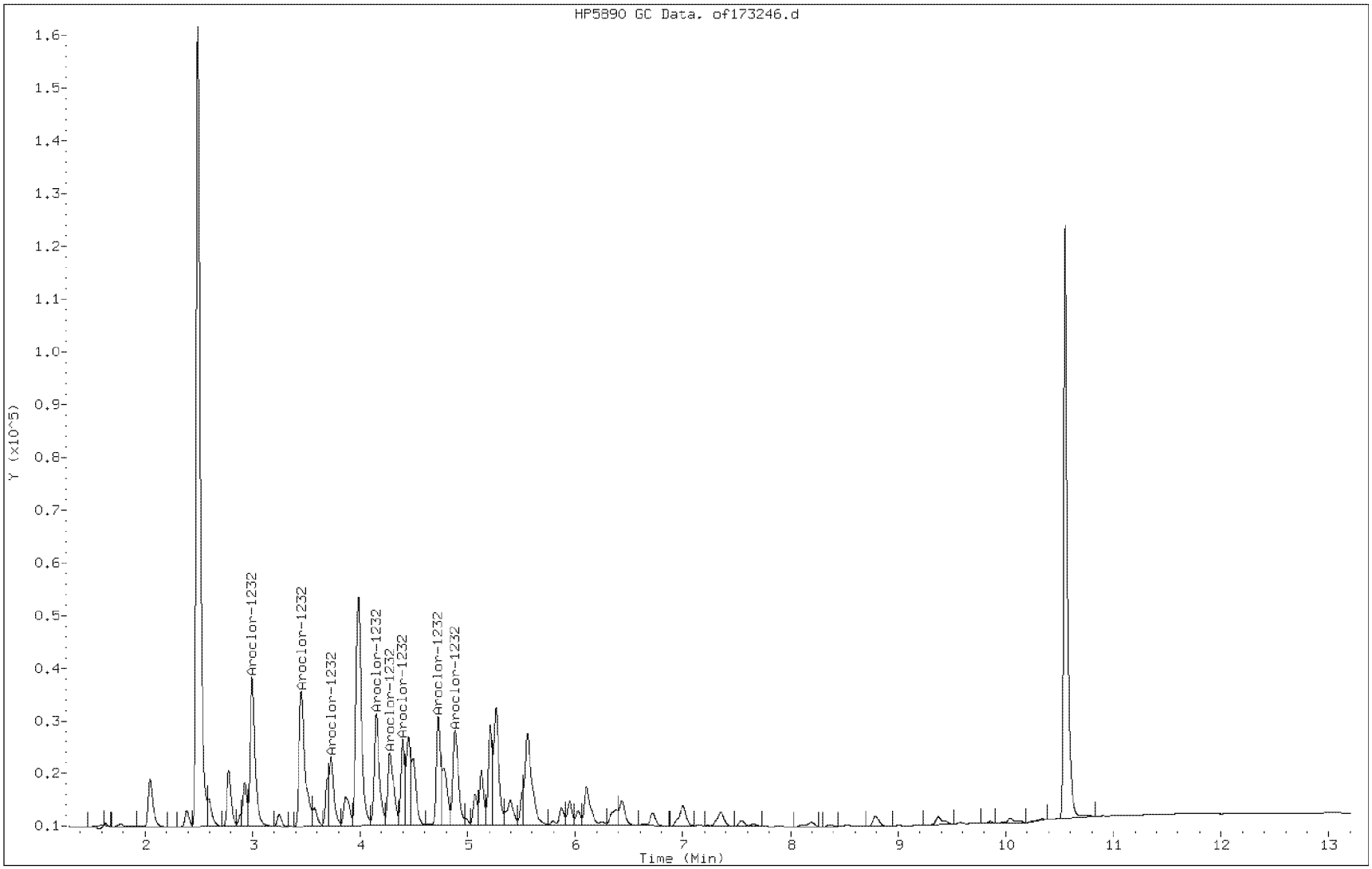
M - Compound response manually integrated.

Data File: of173246.d

Date: 02-JUN-2011 00:24

Client ID: Instrument: PESTGC7.i

Sample Info: SG1232L3_00011 Operator: 462



FORM VI
GC SEMI VOA INITIAL CALIBRATION DATA
EXTERNAL STANDARD RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-27128-1 Analy Batch No.: 75405

SDG No.:

Instrument ID: PESTGC7 GC Column: CLP-1 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 06/02/2011 00:24 Calibration End Date: 06/02/2011 00:24 Calibration ID: 11084

Calibration Files:

| LEVEL: | LAB SAMPLE ID: | LAB FILE ID: |
|---|---|---|
| Level 1 | IC 460-75405/8 | or173246.d |

| ANALYTE | LVL 1 | | | | | | | | | | RT WINDOW | AVG RT |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| PCB-1232 Peak 1 | 2.410 | | | | | | | | | | 2.340 - 2.480 | 2.410 |
| PCB-1232 Peak 2 | 2.738 | | | | | | | | | | 2.668 - 2.808 | 2.738 |
| PCB-1232 Peak 3 | 2.933 | | | | | | | | | | 2.863 - 3.003 | 2.933 |
| PCB-1232 Peak 4 | 3.197 | | | | | | | | | | 3.127 - 3.267 | 3.197 |
| PCB-1232 Peak 5 | 3.342 | | | | | | | | | | 3.272 - 3.412 | 3.342 |
| PCB-1232 Peak 6 | 3.403 | | | | | | | | | | 3.333 - 3.473 | 3.403 |
| PCB-1232 Peak 7 | 3.780 | | | | | | | | | | 3.710 - 3.850 | 3.780 |
| PCB-1232 Peak 8 | 4.158 | | | | | | | | | | 4.088 - 4.228 | 4.158 |

FORM VI
GC SEMI VOA INITIAL CALIBRATION DATA
EXTERNAL STANDARD CURVE EVALUTION

Lab Name: TestAmerica Edison Job No.: 460-27128-1 Analy Batch No.: 75405

SDG No.:

Instrument ID: PESTGC7 GC Column: CLP-1 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 06/02/2011 00:24 Calibration End Date: 06/02/2011 00:24 Calibration ID: 11084

Calibration Files:

| LEVEL: | LAB SAMPLE ID: | LAB FILE ID: |
|---|---|---|
| Level 1 | IC 460-75405/8 | or173246.d |

| ANALYTE | CF | | | | CURVE TYPE | COEFFICIENT | | | # | MIN CF | %RSD | # | MAX %RSD | R^2 OR COD | # | MIN R^2 OR COD |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | LVL 1 | | | | | B | M1 | M2 | | | | | | | | |
| PCB-1232 Peak 1 | 87.848 | | | | Ave | | 87.8480000 | | | | | | 20.0 | | | |
| PCB-1232 Peak 2 | 69.509 | | | | Ave | | 69.5090000 | | | | | | 20.0 | | | |
| PCB-1232 Peak 3 | 46.477 | | | | Ave | | 46.4770000 | | | | | | 20.0 | | | |
| PCB-1232 Peak 4 | 129.60 | | | | Ave | | 129.598000 | | | | | | 20.0 | | | |
| PCB-1232 Peak 5 | 52.107 | | | | Ave | | 52.1070000 | | | | | | 20.0 | | | |
| PCB-1232 Peak 6 | 33.007 | | | | Ave | | 33.0070000 | | | | | | 20.0 | | | |
| PCB-1232 Peak 7 | 59.497 | | | | Ave | | 59.4970000 | | | | | | 20.0 | | | |
| PCB-1232 Peak 8 | 22.571 | | | | Ave | | 22.5710000 | | | | | | 20.0 | | | |

Note: The m1 coefficient is the same as Ave CF for an Ave curve type.

FORM VI
GC SEMI VOA INITIAL CALIBRATION DATA
EXTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Edison Job No.: 460-27128-1 Analy Batch No.: 75405

SDG No.:

Instrument ID: PESTGC7 GC Column: CLP-1 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 06/02/2011 00:24 Calibration End Date: 06/02/2011 00:24 Calibration ID: 11084

Calibration Files:

| LEVEL: | LAB SAMPLE ID: | LAB FILE ID: |
|---|---|---|
| Level 1 | IC 460-75405/8 | or173246.d |

| ANALYTE | CURVE TYPE | RESPONSE | | | | | CONCENTRATION (UG/L) | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | LVL 1 | | | | | LVL 1 | | | | |
| PCB-1232 Peak 1 | Ave | 87848 | | | | | 1000 | | | | |
| PCB-1232 Peak 2 | Ave | 69509 | | | | | 1000 | | | | |
| PCB-1232 Peak 3 | Ave | 46477 | | | | | 1000 | | | | |
| PCB-1232 Peak 4 | Ave | 129598 | | | | | 1000 | | | | |
| PCB-1232 Peak 5 | Ave | 52107 | | | | | 1000 | | | | |
| PCB-1232 Peak 6 | Ave | 33007 | | | | | 1000 | | | | |
| PCB-1232 Peak 7 | Ave | 59497 | | | | | 1000 | | | | |
| PCB-1232 Peak 8 | Ave | 22571 | | | | | 1000 | | | | |

Curve Type Legend:
Ave = Average

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC7.i/8082/rear/Jun11/06-02-11ical/02jun11a.b/or173246.d
Lab Smp Id: SG1232L3_00011
Inj Date : 02-JUN-2011 00:24
Operator : 462 Inst ID: PESTGC7.i
Smp Info : SG1232L3_00011
Misc Info :
Comment :
Method : /chem1/PESTGC7.i/8082/rear/Jun11/06-02-11ical/02jun11a.b/08Or8082.m
Meth Date : 02-Jun-2011 08:07 Ex. 4 CBI Quant Type: ESTD
Cal Date : 02-JUN-2011 01:46 Cal File: or173251.d
Als bottle: 15 Calibration Sample, Level: 3
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: AR12320.sub
Target Version: 3.50 Sample Matrix: WATER
Processing Host: hpd3

Concentration Formula: Amt * DF * ((Vt)/(Vo))/1000 * CpndVariable

| Name | Value | Description |
|---|---|---|
| DF | 1.00000 | Dilution Factor |
| Vt | 4.00000 | Volume of final extract (mL) |
| Vo | 1.00000 | Volume of sample extracted (mL) |

Cpnd Variable Local Compound Variable

| RT | EXP RT | DLT RT | RESPONSE | AMOUNTS CAL-AMT ( ug/L) | AMOUNTS ON-COL ( ug/L) | TARGET RANGE | RATIO |
|---|---|---|---|---|---|---|---|
| 23 Aroclor-1232 | | | | | CAS #: 11141-16-5 | | |
| 2.410 | 2.410 | 0.000 | 87848 | 1000.00 | 1000 | 80.00- 120.00 | 100.00(aM) |
| 2.738 | 2.738 | 0.000 | 69509 | 1000.00 | 1000 | 63.30- 94.95 | 79.12 |
| 2.933 | 2.933 | 0.000 | 46477 | 1000.00 | 1000 | 42.32- 63.49 | 52.91 |
| 3.197 | 3.197 | 0.000 | 129598 | 1000.00 | 1000 | 118.02- 177.03 | 147.53 |
| 3.342 | 3.342 | 0.000 | 52107 | 1000.00 | 1000 | 47.45- 71.18 | 59.31 |
| 3.403 | 3.403 | 0.000 | 33007 | 1000.00 | 1000 | 30.06- 45.09 | 37.57 |
| 3.780 | 3.780 | 0.000 | 59497 | 1000.00 | 1000 | 54.18- 81.27 | 67.73 |
| 4.158 | 4.158 | 0.000 | 22571 | 1000.00 | 1000 | 20.55- 30.83 | 25.69 |
| Average of Peak Amounts = | | | | | 1e+03 | | |

QC Flag Legend

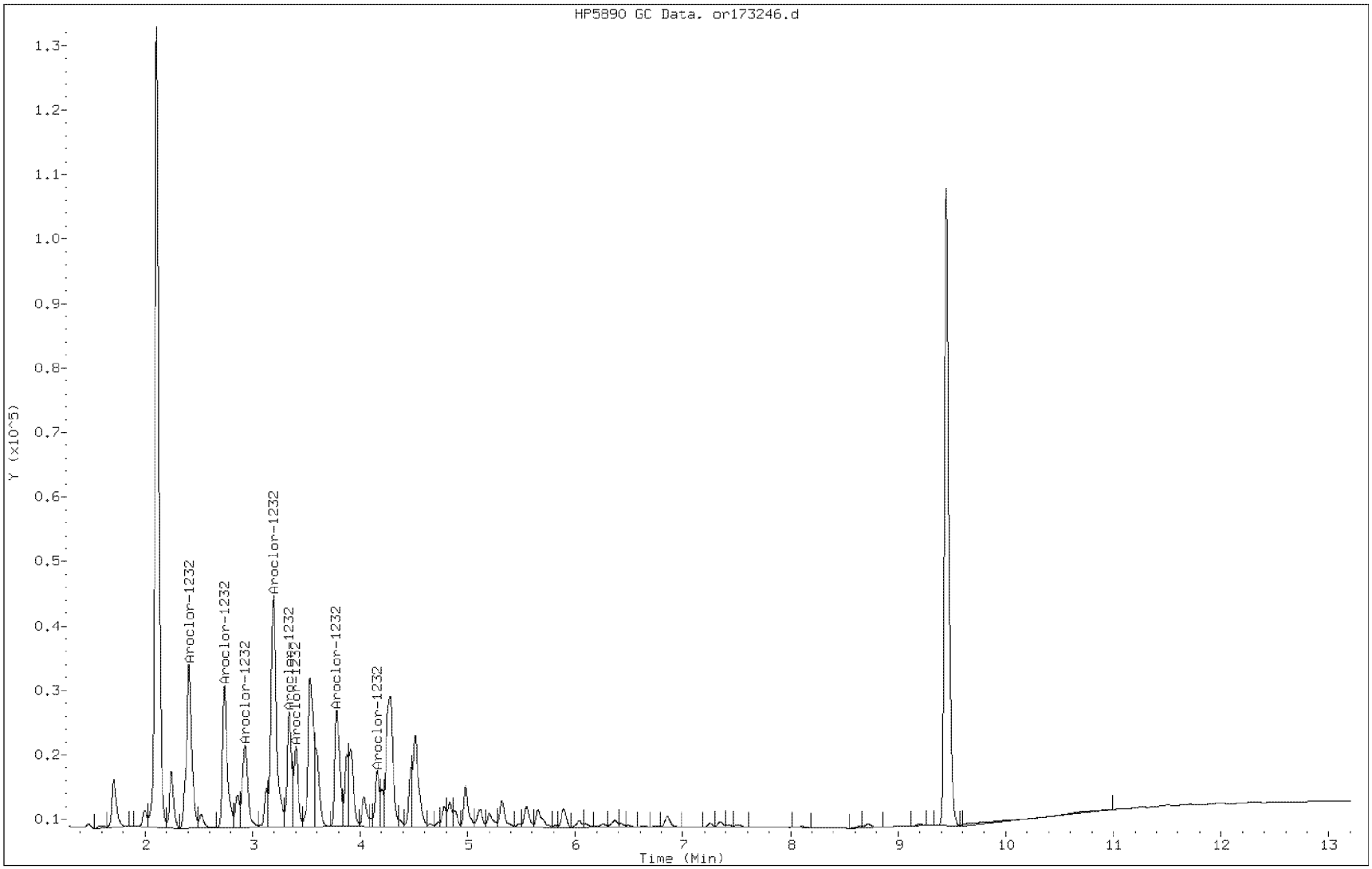
a - Target compound detected but, quantitated amount
    Below Limit Of Quantitation(BLOQ).
M - Compound response manually integrated.

Data File: or173246.d

Date: 02-JUN-2011 00:24

Client ID: Instrument: PESTGC7.i

Sample Info: SG1232L3_00011 Operator: 462



FORM VI
GC SEMI VOA INITIAL CALIBRATION DATA
EXTERNAL STANDARD RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-27128-1 Analy Batch No.: 75405

SDG No.:

Instrument ID: PESTGC7 GC Column: CLP-2 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 06/02/2011 00:41 Calibration End Date: 06/02/2011 00:41 Calibration ID: 11085

Calibration Files:

| LEVEL: | LAB SAMPLE ID: | LAB FILE ID: |
|---|---|---|
| Level 1 | IC 460-75405/9 | of173247.d |

| ANALYTE | LVL 1 | | | | | | | | | | RT WINDOW | AVG RT |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| PCB-1242 Peak 1 | 2.995 | | | | | | | | | | 2.925 - 3.065 | 2.995 |
| PCB-1242 Peak 2 | 3.452 | | | | | | | | | | 3.382 - 3.522 | 3.452 |
| PCB-1242 Peak 3 | 3.730 | | | | | | | | | | 3.660 - 3.800 | 3.730 |
| PCB-1242 Peak 4 | 3.985 | | | | | | | | | | 3.915 - 4.055 | 3.985 |
| PCB-1242 Peak 5 | 4.150 | | | | | | | | | | 4.080 - 4.220 | 4.150 |
| PCB-1242 Peak 6 | 4.395 | | | | | | | | | | 4.325 - 4.465 | 4.395 |
| PCB-1242 Peak 7 | 4.882 | | | | | | | | | | 4.812 - 4.952 | 4.882 |
| PCB-1242 Peak 8 | 5.263 | | | | | | | | | | 5.193 - 5.333 | 5.263 |

FORM VI
GC SEMI VOA INITIAL CALIBRATION DATA
EXTERNAL STANDARD CURVE EVALUTION

Lab Name: TestAmerica Edison Job No.: 460-27128-1 Analy Batch No.: 75405

SDG No.:

Instrument ID: PESTGC7 GC Column: CLP-2 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 06/02/2011 00:41 Calibration End Date: 06/02/2011 00:41 Calibration ID: 11085

Calibration Files:

| LEVEL: | LAB SAMPLE ID: | LAB FILE ID: |
|---|---|---|
| Level 1 | IC 460-75405/9 | of173247.d |

| ANALYTE | CF | | | | CURVE TYPE | COEFFICIENT | | | # | MIN CF | %RSD | # | MAX %RSD | R^2 OR COD | # | MIN R^2 OR COD |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | LVL 1 | | | | | B | M1 | M2 | | | | | | | | |
| PCB-1242 Peak 1 | 80.038 | | | | Ave | | 80.0380000 | | | | | | 20.0 | | | |
| PCB-1242 Peak 2 | 161.04 | | | | Ave | | 161.035000 | | | | | | 20.0 | | | |
| PCB-1242 Peak 3 | 80.353 | | | | Ave | | 80.3530000 | | | | | | 20.0 | | | |
| PCB-1242 Peak 4 | 295.25 | | | | Ave | | 295.253000 | | | | | | 20.0 | | | |
| PCB-1242 Peak 5 | 129.49 | | | | Ave | | 129.489000 | | | | | | 20.0 | | | |
| PCB-1242 Peak 6 | 64.885 | | | | Ave | | 64.8850000 | | | | | | 20.0 | | | |
| PCB-1242 Peak 7 | 117.42 | | | | Ave | | 117.417000 | | | | | | 20.0 | | | |
| PCB-1242 Peak 8 | 133.78 | | | | Ave | | 133.783000 | | | | | | 20.0 | | | |

Note: The m1 coefficient is the same as Ave CF for an Ave curve type.

FORM VI
GC SEMI VOA INITIAL CALIBRATION DATA
EXTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Edison Job No.: 460-27128-1 Analy Batch No.: 75405

SDG No.:

Instrument ID: PESTGC7 GC Column: CLP-2 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 06/02/2011 00:41 Calibration End Date: 06/02/2011 00:41 Calibration ID: 11085

Calibration Files:

| LEVEL: | LAB SAMPLE ID: | LAB FILE ID: |
|---|---|---|
| Level 1 | IC 460-75405/9 | of173247.d |

| ANALYTE | CURVE TYPE | RESPONSE | | | | | CONCENTRATION (UG/L) | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | LVL 1 | | | | | LVL 1 | | | | |
| PCB-1242 Peak 1 | Ave | 80038 | | | | | 1000 | | | | |
| PCB-1242 Peak 2 | Ave | 161035 | | | | | 1000 | | | | |
| PCB-1242 Peak 3 | Ave | 80353 | | | | | 1000 | | | | |
| PCB-1242 Peak 4 | Ave | 295253 | | | | | 1000 | | | | |
| PCB-1242 Peak 5 | Ave | 129489 | | | | | 1000 | | | | |
| PCB-1242 Peak 6 | Ave | 64885 | | | | | 1000 | | | | |
| PCB-1242 Peak 7 | Ave | 117417 | | | | | 1000 | | | | |
| PCB-1242 Peak 8 | Ave | 133783 | | | | | 1000 | | | | |

Curve Type Legend:
Ave = Average

Data File: of173247.d
Report Date: 02-Jun-2011 08:44

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC7.i/8082/front/Jun11/06-02-11ical/02jun11a.b/of173247.d
Lab Smp Id: SG1242L3_00010
Inj Date : 02-JUN-2011 00:41
Operator : 462 Inst ID: PESTGC7.i
Smp Info : SG1242L3_00010
Misc Info :
Comment :
Method : /chem1/PESTGC7.i/8082/front/Jun11/06-02-11ical/02jun11a.b/08Of8082.m
Meth Date : 02-Jun-2011 07:18 Ex. 4 CBI Quant Type: ESTD
Cal Date : 02-JUN-2011 00:41 Cal File: of173247.d
Als bottle: 16 Calibration Sample, Level: 3
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: AR12420.sub
Target Version: 3.50 Sample Matrix: WATER
Processing Host: hpd3

Concentration Formula: Amt * DF * ((Vt)/(Vo))/1000 * CpndVariable

| Name | Value | Description |
|---|---|---|
| DF | 1.00000 | Dilution Factor |
| Vt | 4.00000 | Volume of final extract (mL) |
| Vo | 1.00000 | Volume of sample extracted (mL) |

Cpnd Variable Local Compound Variable

| RT | EXP RT | DLT RT | RESPONSE | AMOUNTS CAL-AMT ( ug/L) | AMOUNTS ON-COL ( ug/L) | TARGET RANGE | RATIO |
|---|---|---|---|---|---|---|---|
| 24 Aroclor-1242 | | | | | CAS #: 53469-21-9 | | |
| 2.995 | 3.507 | -0.512 | 80038 | 1000.00 | 1000 | 80.00- 120.00 | 100.00(M) |
| 3.452 | 3.993 | -0.541 | 161035 | 1000.00 | 1000 | 126.84- 190.26 | 201.20 |
| 3.730 | 4.287 | -0.557 | 80353 | 1000.00 | 1000 | 41.53- 62.29 | 100.39 |
| 3.985 | 4.553 | -0.568 | 295253 | 1000.00 | 1000 | 0.00- 0.00 | 368.89 |
| 4.150 | 4.725 | -0.575 | 129489 | 1000.00 | 1000 | 45.22- 67.83 | 161.78 |
| 4.395 | 4.977 | -0.582 | 64885 | 1000.00 | 1000 | 0.00- 0.00 | 81.07 |
| 4.882 | 5.485 | -0.603 | 117417 | 1000.00 | 1000 | 9.16- 13.75 | 146.70 |
| 5.263 | 5.877 | -0.614 | 133783 | 1000.00 | 1000 | 9.81- 14.72 | 167.15 |
| Average of Peak Amounts = | | | | | 1e+03 | | |

Data File: of173247.d
Report Date: 02-Jun-2011 08:44

QC Flag Legend

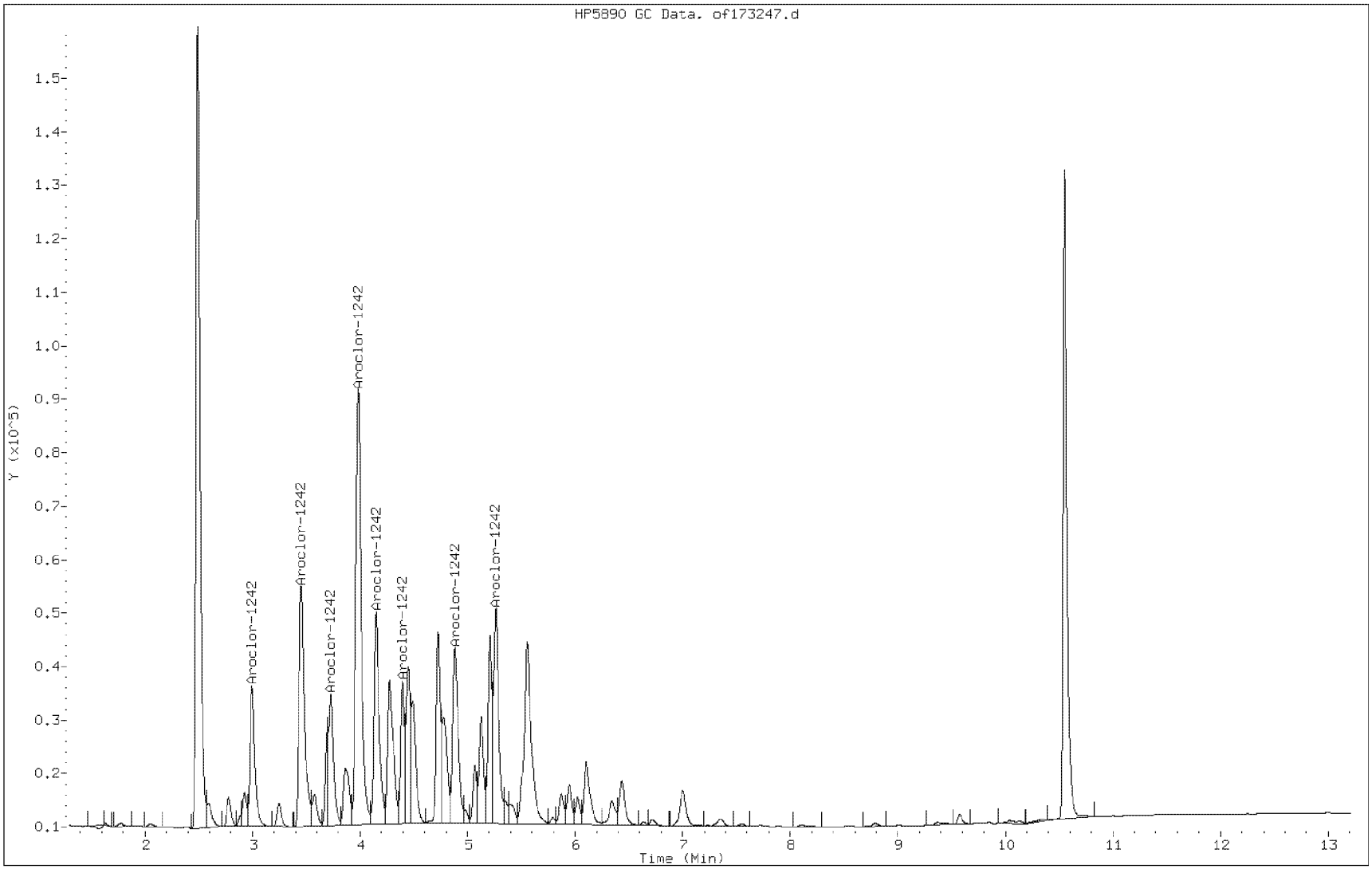
M - Compound response manually integrated.

Data File: of173247.d

Date: 02-JUN-2011 00:41

Client ID: Instrument: PESTGC7.i

Sample Info: SG1242L3_00010 Operator: 462



FORM VI
GC SEMI VOA INITIAL CALIBRATION DATA
EXTERNAL STANDARD RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-27128-1 Analy Batch No.: 75405

SDG No.:

Instrument ID: PESTGC7 GC Column: CLP-1 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 06/02/2011 00:41 Calibration End Date: 06/02/2011 00:41 Calibration ID: 11086

Calibration Files:

| LEVEL: | LAB SAMPLE ID: | LAB FILE ID: |
|---|---|---|
| Level 1 | IC 460-75405/9 | or173247.d |

| ANALYTE | LVL 1 | | | | | | | | | | RT WINDOW | AVG RT |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| PCB-1242 Peak 1 | 2.408 | | | | | | | | | | 2.338 - 2.478 | 2.408 |
| PCB-1242 Peak 2 | 2.737 | | | | | | | | | | 2.667 - 2.807 | 2.737 |
| PCB-1242 Peak 3 | 2.932 | | | | | | | | | | 2.862 - 3.002 | 2.932 |
| PCB-1242 Peak 4 | 3.195 | | | | | | | | | | 3.125 - 3.265 | 3.195 |
| PCB-1242 Peak 5 | 3.338 | | | | | | | | | | 3.268 - 3.408 | 3.338 |
| PCB-1242 Peak 6 | 3.550 | | | | | | | | | | 3.480 - 3.620 | 3.550 |
| PCB-1242 Peak 7 | 3.780 | | | | | | | | | | 3.710 - 3.850 | 3.780 |
| PCB-1242 Peak 8 | 4.512 | | | | | | | | | | 4.442 - 4.582 | 4.512 |

FORM VI
GC SEMI VOA INITIAL CALIBRATION DATA
EXTERNAL STANDARD CURVE EVALUTION

Lab Name: TestAmerica Edison Job No.: 460-27128-1 Analy Batch No.: 75405

SDG No.:

Instrument ID: PESTGC7 GC Column: CLP-1 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 06/02/2011 00:41 Calibration End Date: 06/02/2011 00:41 Calibration ID: 11086

Calibration Files:

| LEVEL: | LAB SAMPLE ID: | LAB FILE ID: |
|---|---|---|
| Level 1 | IC 460-75405/9 | or173247.d |

| ANALYTE | CF | | | | CURVE TYPE | COEFFICIENT | | | # | MIN CF | %RSD | # | MAX %RSD | R^2 OR COD | # | MIN R^2 OR COD |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | LVL 1 | | | | | B | M1 | M2 | | | | | | | | |
| PCB-1242 Peak 1 | 77.814 | | | | Ave | | 77.8140000 | | | | | | 20.0 | | | |
| PCB-1242 Peak 2 | 118.65 | | | | Ave | | 118.651000 | | | | | | 20.0 | | | |
| PCB-1242 Peak 3 | 85.430 | | | | Ave | | 85.4300000 | | | | | | 20.0 | | | |
| PCB-1242 Peak 4 | 245.47 | | | | Ave | | 245.465000 | | | | | | 20.0 | | | |
| PCB-1242 Peak 5 | 95.972 | | | | Ave | | 95.9720000 | | | | | | 20.0 | | | |
| PCB-1242 Peak 6 | 118.35 | | | | Ave | | 118.346000 | | | | | | 20.0 | | | |
| PCB-1242 Peak 7 | 105.01 | | | | Ave | | 105.012000 | | | | | | 20.0 | | | |
| PCB-1242 Peak 8 | 90.708 | | | | Ave | | 90.7080000 | | | | | | 20.0 | | | |

Note: The m1 coefficient is the same as Ave CF for an Ave curve type.

FORM VI
GC SEMI VOA INITIAL CALIBRATION DATA
EXTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Edison Job No.: 460-27128-1 Analy Batch No.: 75405

SDG No.:

Instrument ID: PESTGC7 GC Column: CLP-1 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 06/02/2011 00:41 Calibration End Date: 06/02/2011 00:41 Calibration ID: 11086

Calibration Files:

| LEVEL: | LAB SAMPLE ID: | LAB FILE ID: |
|---|---|---|
| Level 1 | IC 460-75405/9 | or173247.d |

| ANALYTE | CURVE TYPE | RESPONSE | | | | | CONCENTRATION (UG/L) | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | LVL 1 | | | | | LVL 1 | | | | |
| PCB-1242 Peak 1 | Ave | 77814 | | | | | 1000 | | | | |
| PCB-1242 Peak 2 | Ave | 118651 | | | | | 1000 | | | | |
| PCB-1242 Peak 3 | Ave | 85430 | | | | | 1000 | | | | |
| PCB-1242 Peak 4 | Ave | 245465 | | | | | 1000 | | | | |
| PCB-1242 Peak 5 | Ave | 95972 | | | | | 1000 | | | | |
| PCB-1242 Peak 6 | Ave | 118346 | | | | | 1000 | | | | |
| PCB-1242 Peak 7 | Ave | 105012 | | | | | 1000 | | | | |
| PCB-1242 Peak 8 | Ave | 90708 | | | | | 1000 | | | | |

Curve Type Legend:
Ave = Average

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC7.i/8082/rear/Jun11/06-02-11ical/02jun11a.b/or173247.d
Lab Smp Id: SG1242L3_00010
Inj Date : 02-JUN-2011 00:41
Operator : 462 Inst ID: PESTGC7.i
Smp Info : SG1242L3_00010
Misc Info :
Comment :
Method : /chem1/PESTGC7.i/8082/rear/Jun11/06-02-11ical/02jun11a.b/08Or8082.m
Meth Date : 02-Jun-2011 08:07 Ex. 4 CBI Quant Type: ESTD
Cal Date : 02-JUN-2011 01:46 Cal File: or173251.d
Als bottle: 16 Calibration Sample, Level: 3
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: AR12420.sub
Target Version: 3.50 Sample Matrix: WATER
Processing Host: hpd3

Concentration Formula: Amt * DF * ((Vt)/(Vo))/1000 * CpndVariable

| Name | Value | Description |
|---|---|---|
| DF | 1.00000 | Dilution Factor |
| Vt | 4.00000 | Volume of final extract (mL) |
| Vo | 1.00000 | Volume of sample extracted (mL) |

Cpnd Variable Local Compound Variable

| RT | EXP RT | DLT RT | RESPONSE | AMOUNTS CAL-AMT ( ug/L) | AMOUNTS ON-COL ( ug/L) | TARGET RANGE | RATIO |
|---|---|---|---|---|---|---|---|
| 24 Aroclor-1242 | | | | | CAS #: 53469-21-9 | | |
| 2.408 | 2.408 | 0.000 | 77814 | 1000.00 | 1000 | 80.00- 120.00 | 100.00(aM) |
| 2.737 | 2.737 | 0.000 | 118651 | 1000.00 | 1000 | 121.98- 182.98 | 152.48 |
| 2.932 | 2.932 | 0.000 | 85430 | 1000.00 | 1000 | 87.83- 131.74 | 109.79 |
| 3.195 | 3.195 | 0.000 | 245465 | 1000.00 | 1000 | 252.36- 378.54 | 315.45 |
| 3.338 | 3.338 | 0.000 | 95972 | 1000.00 | 1000 | 98.67- 148.00 | 123.34 |
| 3.550 | 3.550 | 0.000 | 118346 | 1000.00 | 1000 | 121.67- 182.51 | 152.09 |
| 3.780 | 3.780 | 0.000 | 105012 | 1000.00 | 1000 | 107.96- 161.94 | 134.95 |
| 4.512 | 4.512 | 0.000 | 90708 | 1000.00 | 1000 | 93.26- 139.88 | 116.57 |

Average of Peak Amounts = 1e+03

QC Flag Legend

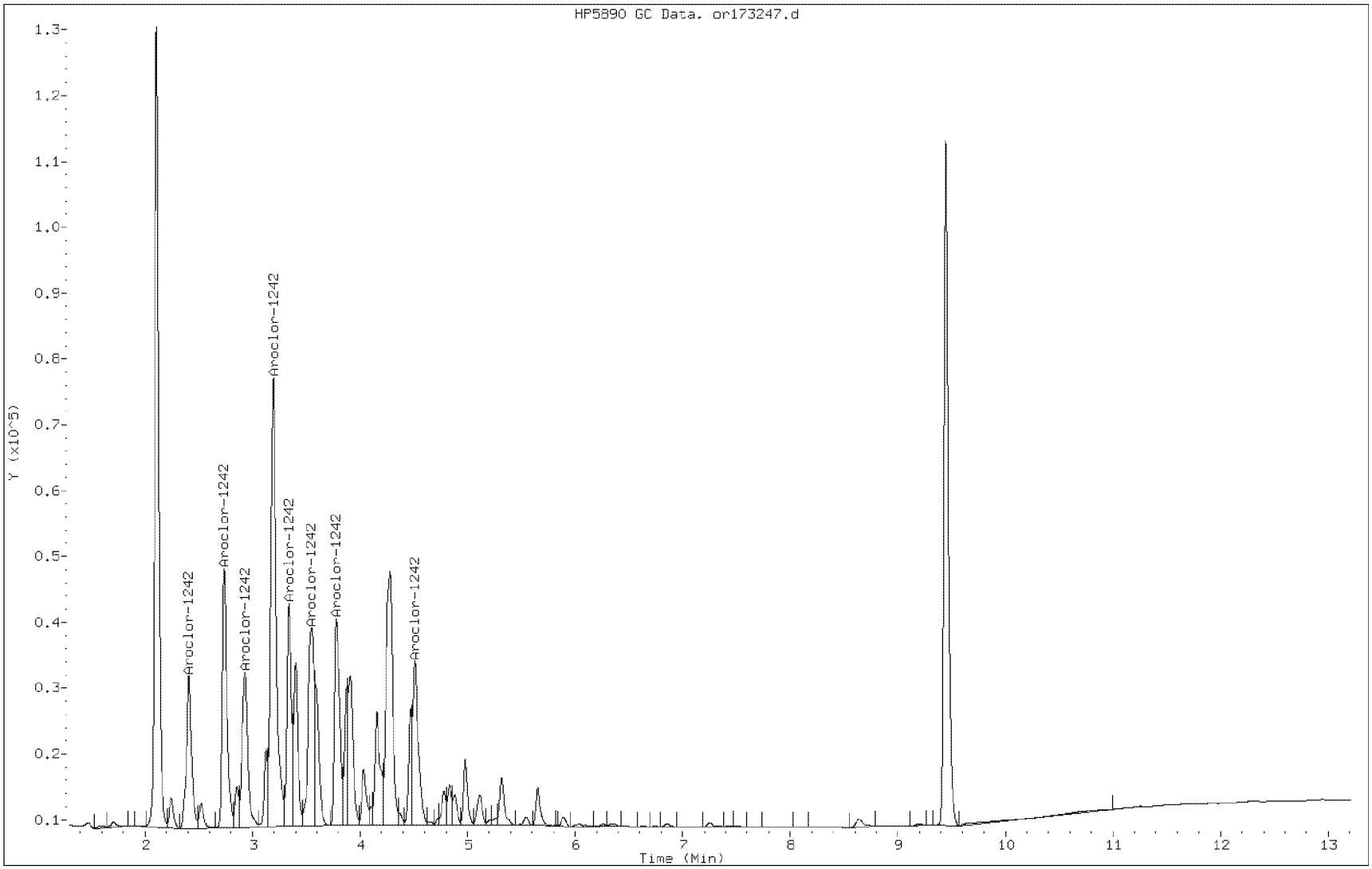
a - Target compound detected but, quantitated amount
    Below Limit Of Quantitation(BLOQ).
M - Compound response manually integrated.

Data File: or173247.d

Date: 02-JUN-2011 00:41

Client ID: Instrument: PESTGC7.i

Sample Info: SG1242L3_00010 Operator: 462



FORM VI
GC SEMI VOA INITIAL CALIBRATION DATA
EXTERNAL STANDARD RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-27128-1 Analy Batch No.: 75405

SDG No.:

Instrument ID: PESTGC7 GC Column: CLP-2 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 06/02/2011 00:57 Calibration End Date: 06/02/2011 00:57 Calibration ID: 11087

Calibration Files:

| LEVEL: | LAB SAMPLE ID: | LAB FILE ID: |
|---|---|---|
| Level 1 | IC 460-75405/10 | of173248.d |

| ANALYTE | LVL 1 | | | | | | | | | | RT WINDOW | AVG RT |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| PCB-1248 Peak 1 | 3.443 | | | | | | | | | | 3.373 - 3.513 | 3.443 |
| PCB-1248 Peak 2 | 3.978 | | | | | | | | | | 3.908 - 4.048 | 3.978 |
| PCB-1248 Peak 3 | 4.143 | | | | | | | | | | 4.073 - 4.213 | 4.143 |
| PCB-1248 Peak 4 | 4.390 | | | | | | | | | | 4.320 - 4.460 | 4.390 |
| PCB-1248 Peak 5 | 4.722 | | | | | | | | | | 4.652 - 4.792 | 4.722 |
| PCB-1248 Peak 6 | 4.878 | | | | | | | | | | 4.808 - 4.948 | 4.878 |
| PCB-1248 Peak 7 | 5.205 | | | | | | | | | | 5.135 - 5.275 | 5.205 |
| PCB-1248 Peak 8 | 5.260 | | | | | | | | | | 5.190 - 5.330 | 5.260 |

FORM VI
GC SEMI VOA INITIAL CALIBRATION DATA
EXTERNAL STANDARD CURVE EVALUTION

Lab Name: TestAmerica Edison Job No.: 460-27128-1 Analy Batch No.: 75405

SDG No.:

Instrument ID: PESTGC7 GC Column: CLP-2 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 06/02/2011 00:57 Calibration End Date: 06/02/2011 00:57 Calibration ID: 11087

Calibration Files:

| LEVEL: | LAB SAMPLE ID: | LAB FILE ID: |
|---|---|---|
| Level 1 | IC 460-75405/10 | of173248.d |

| ANALYTE | CF | | | | CURVE TYPE | COEFFICIENT | | | # | MIN CF | %RSD | # | MAX %RSD | R^2 OR COD | # | MIN R^2 OR COD |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | LVL 1 | | | | | B | M1 | M2 | | | | | | | | |
| PCB-1248 Peak 1 | 82.404 | | | | Ave | | 82.4040000 | | | | | | 20.0 | | | |
| PCB-1248 Peak 2 | 196.67 | | | | Ave | | 196.673000 | | | | | | 20.0 | | | |
| PCB-1248 Peak 3 | 85.325 | | | | Ave | | 85.3250000 | | | | | | 20.0 | | | |
| PCB-1248 Peak 4 | 115.85 | | | | Ave | | 115.852000 | | | | | | 20.0 | | | |
| PCB-1248 Peak 5 | 150.13 | | | | Ave | | 150.131000 | | | | | | 20.0 | | | |
| PCB-1248 Peak 6 | 188.67 | | | | Ave | | 188.670000 | | | | | | 20.0 | | | |
| PCB-1248 Peak 7 | 157.55 | | | | Ave | | 157.548000 | | | | | | 20.0 | | | |
| PCB-1248 Peak 8 | 233.51 | | | | Ave | | 233.511000 | | | | | | 20.0 | | | |

Note: The m1 coefficient is the same as Ave CF for an Ave curve type.

FORM VI
GC SEMI VOA INITIAL CALIBRATION DATA
EXTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Edison Job No.: 460-27128-1 Analy Batch No.: 75405

SDG No.:

Instrument ID: PESTGC7 GC Column: CLP-2 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 06/02/2011 00:57 Calibration End Date: 06/02/2011 00:57 Calibration ID: 11087

Calibration Files:

| LEVEL: | LAB SAMPLE ID: | LAB FILE ID: |
|---|---|---|
| Level 1 | IC 460-75405/10 | of173248.d |

| ANALYTE | CURVE TYPE | RESPONSE | | | | | CONCENTRATION (UG/L) | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | LVL 1 | | | | | LVL 1 | | | | |
| PCB-1248 Peak 1 | Ave | 82404 | | | | | 1000 | | | | |
| PCB-1248 Peak 2 | Ave | 196673 | | | | | 1000 | | | | |
| PCB-1248 Peak 3 | Ave | 85325 | | | | | 1000 | | | | |
| PCB-1248 Peak 4 | Ave | 115852 | | | | | 1000 | | | | |
| PCB-1248 Peak 5 | Ave | 150131 | | | | | 1000 | | | | |
| PCB-1248 Peak 6 | Ave | 188670 | | | | | 1000 | | | | |
| PCB-1248 Peak 7 | Ave | 157548 | | | | | 1000 | | | | |
| PCB-1248 Peak 8 | Ave | 233511 | | | | | 1000 | | | | |

Curve Type Legend:
Ave = Average

Data File: of173248.d
Report Date: 02-Jun-2011 08:45

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC7.i/8082/front/Jun11/06-02-11ical/02jun11a.b/of173248.d
Lab Smp Id: SG1248L3_00010
Inj Date : 02-JUN-2011 00:57
Operator : 462 Inst ID: PESTGC7.i
Smp Info : SG1248L3_00010
Misc Info :
Comment :
Method : /chem1/PESTGC7.i/8082/front/Jun11/06-02-11ical/02jun11a.b/08Of8082.m
Meth Date : 02-Jun-2011 07:18 Ex. 4 CBI Quant Type: ESTD
Cal Date : 02-JUN-2011 00:57 Cal File: of173248.d
Als bottle: 17 Calibration Sample, Level: 3
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: AR12480.sub
Target Version: 3.50 Sample Matrix: WATER
Processing Host: hpd3

Concentration Formula: Amt * DF * ((Vt)/(Vo))/1000 * CpndVariable

| Name | Value | Description |
|---|---|---|
| DF | 1.00000 | Dilution Factor |
| Vt | 4.00000 | Volume of final extract (mL) |
| Vo | 1.00000 | Volume of sample extracted (mL) |

Cpnd Variable Local Compound Variable

| RT | EXP RT | DLT RT | RESPONSE | AMOUNTS CAL-AMT ( ug/L) | AMOUNTS ON-COL ( ug/L) | TARGET RANGE | RATIO |
|---|---|---|---|---|---|---|---|
| 25 Aroclor-1248 | | | | | CAS #: 12672-29-6 | | |
| 3.443 | 3.987 | -0.544 | 82404 | 1000.00 | 1000 | 80.00- 120.00 | 100.00(M) |
| 3.978 | 4.547 | -0.569 | 196673 | 1000.00 | 1000 | 0.00- 0.00 | 238.67 |
| 4.143 | 4.853 | -0.710 | 85325 | 1000.00 | 1000 | 31.81- 47.72 | 103.55 |
| 4.390 | 4.972 | -0.582 | 115852 | 1000.00 | 1000 | 0.00- 0.00 | 140.59 |
| 4.722 | 5.318 | -0.596 | 150131 | 1000.00 | 1000 | 36.25- 54.37 | 182.19 |
| 4.878 | 5.480 | -0.602 | 188670 | 1000.00 | 1000 | 0.00- 0.00 | 228.96 |
| 5.205 | 5.813 | -0.608 | 157548 | 1000.00 | 1000 | 0.91- 1.37 | 191.19 |
| 5.260 | 5.872 | -0.612 | 233511 | 1000.00 | 1000 | 4.74- 7.11 | 283.37 |
| Average of Peak Amounts = | | | | | 1e+03 | | |

Data File: of173248.d
Report Date: 02-Jun-2011 08:45

QC Flag Legend

M - Compound response manually integrated.

Data File: of173248.d

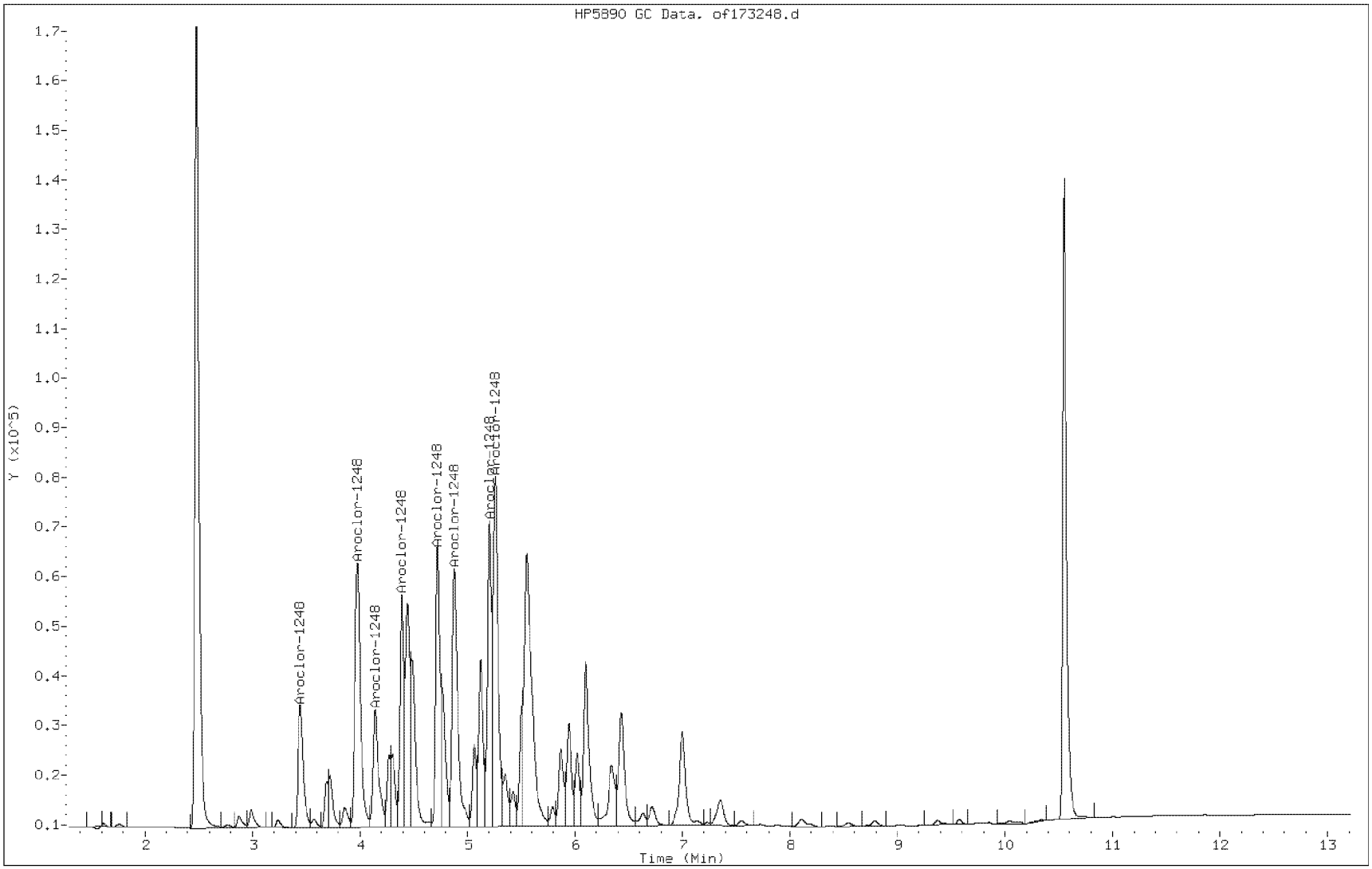
Date: 02-JUN-2011 00:57

Client ID:

Instrument: PESTGC7.i

Sample Info: SG1248L3_00010

Operator: 462



FORM VI
GC SEMI VOA INITIAL CALIBRATION DATA
EXTERNAL STANDARD RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-27128-1 Analy Batch No.: 75405

SDG No.:

Instrument ID: PESTGC7 GC Column: CLP-1 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 06/02/2011 00:57 Calibration End Date: 06/02/2011 00:57 Calibration ID: 11088

Calibration Files:

| LEVEL: | LAB SAMPLE ID: | LAB FILE ID: |
|---|---|---|
| Level 1 | IC 460-75405/10 | or173248.d |

| ANALYTE | LVL 1 | | | | | | | | | | RT WINDOW | AVG RT |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| PCB-1248 Peak 1 | 2.727 | | | | | | | | | | 2.657 - 2.797 | 2.727 |
| PCB-1248 Peak 2 | 3.187 | | | | | | | | | | 3.117 - 3.257 | 3.187 |
| PCB-1248 Peak 3 | 3.543 | | | | | | | | | | 3.473 - 3.613 | 3.543 |
| PCB-1248 Peak 4 | 3.773 | | | | | | | | | | 3.703 - 3.843 | 3.773 |
| PCB-1248 Peak 5 | 3.868 | | | | | | | | | | 3.798 - 3.938 | 3.868 |
| PCB-1248 Peak 6 | 4.152 | | | | | | | | | | 4.082 - 4.222 | 4.152 |
| PCB-1248 Peak 7 | 4.975 | | | | | | | | | | 4.905 - 5.045 | 4.975 |
| PCB-1248 Peak 8 | 5.313 | | | | | | | | | | 5.243 - 5.383 | 5.313 |

FORM VI
GC SEMI VOA INITIAL CALIBRATION DATA
EXTERNAL STANDARD CURVE EVALUTION

Lab Name: TestAmerica Edison Job No.: 460-27128-1 Analy Batch No.: 75405

SDG No.:

Instrument ID: PESTGC7 GC Column: CLP-1 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 06/02/2011 00:57 Calibration End Date: 06/02/2011 00:57 Calibration ID: 11088

Calibration Files:

| LEVEL: | LAB SAMPLE ID: | LAB FILE ID: |
|---|---|---|
| Level 1 | IC 460-75405/10 | or173248.d |

| ANALYTE | CF | | | | CURVE TYPE | COEFFICIENT | | | # | MIN CF | %RSD | # | MAX %RSD | R^2 OR COD | # | MIN R^2 OR COD |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | LVL 1 | | | | | B | M1 | M2 | | | | | | | | |
| PCB-1248 Peak 1 | 60.834 | | | | Ave | | 60.8340000 | | | | | | 20.0 | | | |
| PCB-1248 Peak 2 | 143.83 | | | | Ave | | 143.830000 | | | | | | 20.0 | | | |
| PCB-1248 Peak 3 | 182.15 | | | | Ave | | 182.149000 | | | | | | 20.0 | | | |
| PCB-1248 Peak 4 | 157.69 | | | | Ave | | 157.685000 | | | | | | 20.0 | | | |
| PCB-1248 Peak 5 | 90.788 | | | | Ave | | 90.7880000 | | | | | | 20.0 | | | |
| PCB-1248 Peak 6 | 73.822 | | | | Ave | | 73.8220000 | | | | | | 20.0 | | | |
| PCB-1248 Peak 7 | 81.261 | | | | Ave | | 81.2610000 | | | | | | 20.0 | | | |
| PCB-1248 Peak 8 | 66.216 | | | | Ave | | 66.2160000 | | | | | | 20.0 | | | |

Note: The m1 coefficient is the same as Ave CF for an Ave curve type.

FORM VI
GC SEMI VOA INITIAL CALIBRATION DATA
EXTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Edison Job No.: 460-27128-1 Analy Batch No.: 75405

SDG No.:

Instrument ID: PESTGC7 GC Column: CLP-1 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 06/02/2011 00:57 Calibration End Date: 06/02/2011 00:57 Calibration ID: 11088

Calibration Files:

| LEVEL: | LAB SAMPLE ID: | LAB FILE ID: |
|---|---|---|
| Level 1 | IC 460-75405/10 | or173248.d |

| ANALYTE | CURVE TYPE | RESPONSE | | | | | CONCENTRATION (UG/L) | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | LVL 1 | | | | | LVL 1 | | | | |
| PCB-1248 Peak 1 | Ave | 60834 | | | | | 1000 | | | | |
| PCB-1248 Peak 2 | Ave | 143830 | | | | | 1000 | | | | |
| PCB-1248 Peak 3 | Ave | 182149 | | | | | 1000 | | | | |
| PCB-1248 Peak 4 | Ave | 157685 | | | | | 1000 | | | | |
| PCB-1248 Peak 5 | Ave | 90788 | | | | | 1000 | | | | |
| PCB-1248 Peak 6 | Ave | 73822 | | | | | 1000 | | | | |
| PCB-1248 Peak 7 | Ave | 81261 | | | | | 1000 | | | | |
| PCB-1248 Peak 8 | Ave | 66216 | | | | | 1000 | | | | |

Curve Type Legend:
Ave = Average

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC7.i/8082/rear/Jun11/06-02-11ical/02jun11a.b/or173248.d
Lab Smp Id: SG1248L3_00010
Inj Date : 02-JUN-2011 00:57
Operator : 462 Inst ID: PESTGC7.i
Smp Info : SG1248L3_00010
Misc Info :
Comment :
Method : /chem1/PESTGC7.i/8082/rear/Jun11/06-02-11ical/02jun11a.b/08Or8082.m
Meth Date : 02-Jun-2011 08:07 Ex. 4 CBI Quant Type: ESTD
Cal Date : 02-JUN-2011 01:46 Cal File: or173251.d
Als bottle: 17 Calibration Sample, Level: 3
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: AR12480.sub
Target Version: 3.50 Sample Matrix: WATER
Processing Host: hpd3

Concentration Formula: Amt * DF * ((Vt)/(Vo))/1000 * CpndVariable

| Name | Value | Description |
|---|---|---|
| DF | 1.00000 | Dilution Factor |
| Vt | 4.00000 | Volume of final extract (mL) |
| Vo | 1.00000 | Volume of sample extracted (mL) |

Cpnd Variable Local Compound Variable

| RT | EXP RT | DLT RT | RESPONSE | AMOUNTS CAL-AMT ( ug/L) | AMOUNTS ON-COL ( ug/L) | TARGET RANGE | RATIO |
|---|---|---|---|---|---|---|---|
| 25 Aroclor-1248 | | | | | CAS #: 12672-29-6 | | |
| 2.727 | 2.727 | 0.000 | 60834 | 1000.00 | 1000 | 80.00- 120.00 | 100.00(aM) |
| 3.187 | 3.187 | 0.000 | 143830 | 1000.00 | 1000 | 189.14- 283.72 | 236.43 |
| 3.543 | 3.543 | 0.000 | 182149 | 1000.00 | 1000 | 239.54- 359.30 | 299.42 |
| 3.773 | 3.773 | 0.000 | 157685 | 1000.00 | 1000 | 207.36- 311.05 | 259.21 |
| 3.868 | 3.868 | 0.000 | 90788 | 1000.00 | 1000 | 119.39- 179.09 | 149.24 |
| 4.152 | 4.152 | 0.000 | 73822 | 1000.00 | 1000 | 97.08- 145.62 | 121.35 |
| 4.975 | 4.975 | 0.000 | 81261 | 1000.00 | 1000 | 106.86- 160.29 | 133.58 |
| 5.313 | 5.313 | 0.000 | 66216 | 1000.00 | 1000 | 87.08- 130.62 | 108.85 |

Average of Peak Amounts = 1e+03

QC Flag Legend

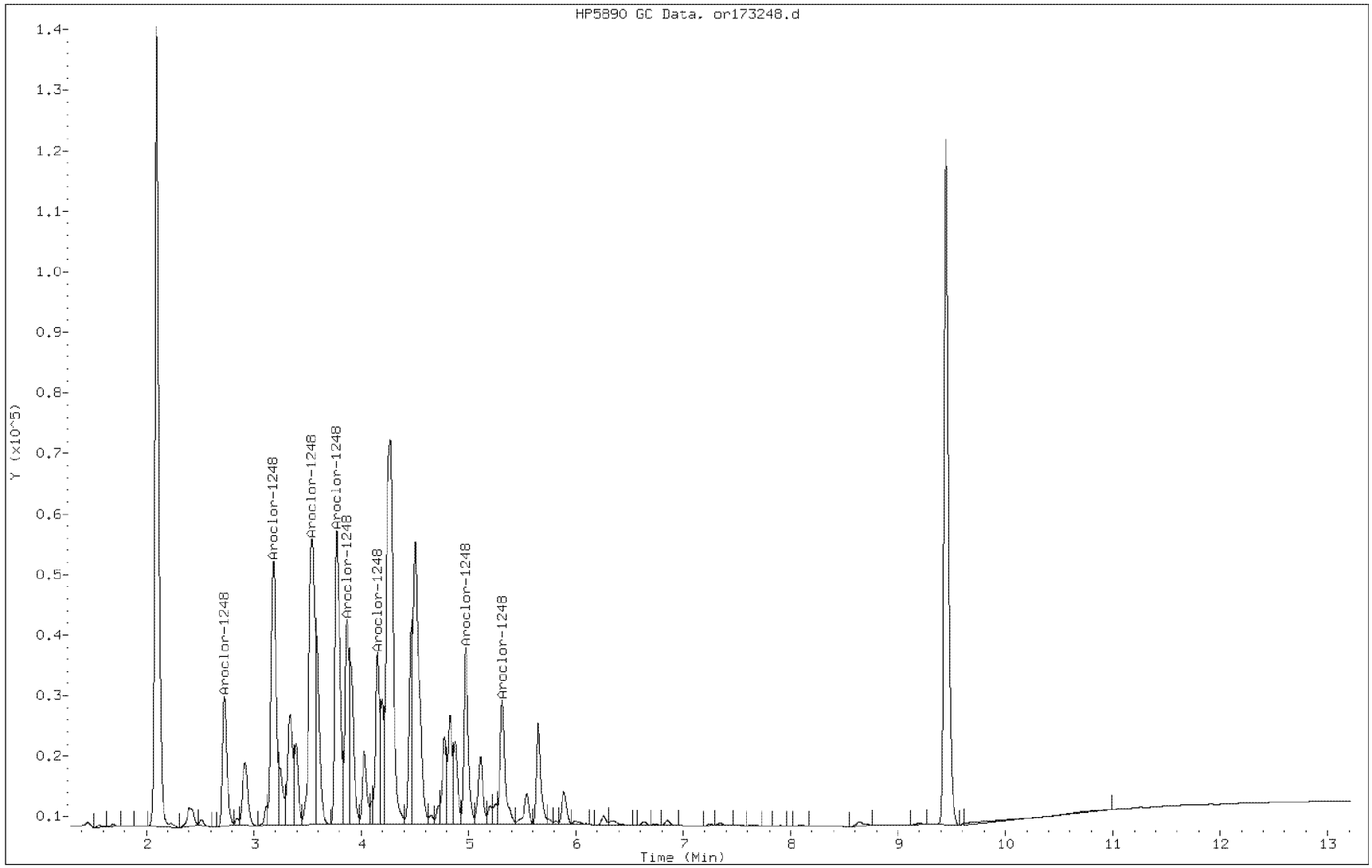
a - Target compound detected but, quantitated amount
    Below Limit Of Quantitation(BLOQ).
M - Compound response manually integrated.

Data File: or173248.d

Date: 02-JUN-2011 00:57

Client ID: Instrument: PESTGC7.i

Sample Info: SG1248L3_00010 Operator: 462



FORM VI
GC SEMI VOA INITIAL CALIBRATION DATA
EXTERNAL STANDARD RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-27128-1 Analy Batch No.: 75405

SDG No.:

Instrument ID: PESTGC7 GC Column: CLP-2 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 06/02/2011 01:13 Calibration End Date: 06/02/2011 01:13 Calibration ID: 11089

Calibration Files:

| LEVEL: | LAB SAMPLE ID: | LAB FILE ID: |
|---|---|---|
| Level 1 | IC 460-75405/11 | of173249.d |

| ANALYTE | LVL 1 | | | | | | | | | | RT WINDOW | AVG RT |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| PCB-1254 Peak 1 | 4.390 | | | | | | | | | | 4.320 - 4.460 | 4.390 |
| PCB-1254 Peak 2 | 5.252 | | | | | | | | | | 5.182 - 5.322 | 5.252 |
| PCB-1254 Peak 3 | 5.500 | | | | | | | | | | 5.430 - 5.570 | 5.500 |
| PCB-1254 Peak 4 | 5.943 | | | | | | | | | | 5.873 - 6.013 | 5.943 |
| PCB-1254 Peak 5 | 6.098 | | | | | | | | | | 6.028 - 6.168 | 6.098 |
| PCB-1254 Peak 6 | 6.377 | | | | | | | | | | 6.307 - 6.447 | 6.377 |
| PCB-1254 Peak 7 | 6.427 | | | | | | | | | | 6.357 - 6.497 | 6.427 |
| PCB-1254 Peak 8 | 6.712 | | | | | | | | | | 6.642 - 6.782 | 6.712 |

FORM VI
GC SEMI VOA INITIAL CALIBRATION DATA
EXTERNAL STANDARD CURVE EVALUTION

Lab Name: TestAmerica Edison Job No.: 460-27128-1 Analy Batch No.: 75405

SDG No.:

Instrument ID: PESTGC7 GC Column: CLP-2 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 06/02/2011 01:13 Calibration End Date: 06/02/2011 01:13 Calibration ID: 11089

Calibration Files:

| LEVEL: | LAB SAMPLE ID: | LAB FILE ID: |
|---|---|---|
| Level 1 | IC 460-75405/11 | of173249.d |

| ANALYTE | CF | | | | CURVE TYPE | COEFFICIENT | | | # | MIN CF | %RSD | # | MAX %RSD | R^2 OR COD | # | MIN R^2 OR COD |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | LVL 1 | | | | | B | M1 | M2 | | | | | | | | |
| PCB-1254 Peak 1 | 99.846 | | | | Ave | | 99.8460000 | | | | | | 20.0 | | | |
| PCB-1254 Peak 2 | 203.34 | | | | Ave | | 203.340000 | | | | | | 20.0 | | | |
| PCB-1254 Peak 3 | 201.63 | | | | Ave | | 201.631000 | | | | | | 20.0 | | | |
| PCB-1254 Peak 4 | 152.69 | | | | Ave | | 152.690000 | | | | | | 20.0 | | | |
| PCB-1254 Peak 5 | 321.57 | | | | Ave | | 321.570000 | | | | | | 20.0 | | | |
| PCB-1254 Peak 6 | 146.58 | | | | Ave | | 146.582000 | | | | | | 20.0 | | | |
| PCB-1254 Peak 7 | 242.31 | | | | Ave | | 242.310000 | | | | | | 20.0 | | | |
| PCB-1254 Peak 8 | 160.71 | | | | Ave | | 160.710000 | | | | | | 20.0 | | | |

Note: The m1 coefficient is the same as Ave CF for an Ave curve type.

FORM VI
GC SEMI VOA INITIAL CALIBRATION DATA
EXTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Edison Job No.: 460-27128-1 Analy Batch No.: 75405

SDG No.:

Instrument ID: PESTGC7 GC Column: CLP-2 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 06/02/2011 01:13 Calibration End Date: 06/02/2011 01:13 Calibration ID: 11089

Calibration Files:

| LEVEL: | LAB SAMPLE ID: | LAB FILE ID: |
|---|---|---|
| Level 1 | IC 460-75405/11 | of173249.d |

| ANALYTE | CURVE TYPE | RESPONSE | | | | | CONCENTRATION (UG/L) | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | LVL 1 | | | | | LVL 1 | | | | |
| PCB-1254 Peak 1 | Ave | 99846 | | | | | 1000 | | | | |
| PCB-1254 Peak 2 | Ave | 203340 | | | | | 1000 | | | | |
| PCB-1254 Peak 3 | Ave | 201631 | | | | | 1000 | | | | |
| PCB-1254 Peak 4 | Ave | 152690 | | | | | 1000 | | | | |
| PCB-1254 Peak 5 | Ave | 321570 | | | | | 1000 | | | | |
| PCB-1254 Peak 6 | Ave | 146582 | | | | | 1000 | | | | |
| PCB-1254 Peak 7 | Ave | 242310 | | | | | 1000 | | | | |
| PCB-1254 Peak 8 | Ave | 160710 | | | | | 1000 | | | | |

Curve Type Legend:
Ave = Average

Data File: of173249.d
Report Date: 02-Jun-2011 08:47

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC7.i/8082/front/Jun11/06-02-11ical/02jun11a.b/of173249.d
Lab Smp Id: SG1254L3_00010
Inj Date : 02-JUN-2011 01:13
Operator : 462 Inst ID: PESTGC7.i
Smp Info : SG1254L3_00010
Misc Info :
Comment :
Method : /chem1/PESTGC7.i/8082/front/Jun11/06-02-11ical/02jun11a.b/08Of8082.m
Meth Date : 02-Jun-2011 07:18 Ex. 4 CBI Quant Type: ESTD
Cal Date : 02-JUN-2011 01:13 Cal File: of173249.d
Als bottle: 18 Calibration Sample, Level: 3
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: AR12540.sub
Target Version: 3.50 Sample Matrix: WATER
Processing Host: hpd3

Concentration Formula: Amt * DF * ((Vt)/(Vo))/1000 * CpndVariable

| Name | Value | Description |
|---|---|---|
| DF | 1.00000 | Dilution Factor |
| Vt | 4.00000 | Volume of final extract (mL) |
| Vo | 1.00000 | Volume of sample extracted (mL) |

Cpnd Variable Local Compound Variable

| RT | EXP RT | DLT RT | RESPONSE | AMOUNTS CAL-AMT ( ug/L) | AMOUNTS ON-COL ( ug/L) | TARGET RANGE | | RATIO |
|---|---|---|---|---|---|---|---|---|
| 26 Aroclor-1254 | | | | | CAS #: 11097-69-1 | | | |
| 4.390 | 4.977 | -0.587 | 99846 | 1000.00 | 1000 | 0.00- | 0.00 | 100.00(M) |
| 5.252 | 5.870 | -0.618 | 203340 | 1000.00 | 1000 | 0.00- | 0.00 | 150.91 |
| 5.500 | 6.128 | -0.628 | 201631 | 1000.00 | 1000 | 0.00- | 0.00 | 149.64 |
| 5.943 | 6.645 | -0.702 | 152690 | 1000.00 | 1000 | 0.00- | 0.00 | 113.32 |
| 6.098 | 6.837 | -0.739 | 321570 | 1000.00 | 1000 | 0.00- | 0.00 | 238.66 |
| 6.377 | 7.180 | -0.803 | 146582 | 1000.00 | 1000 | 0.00- | 0.00 | 108.79 |
| 6.427 | 7.243 | -0.816 | 242310 | 1000.00 | 1000 | 0.00- | 0.00 | 179.83 |
| 6.712 | 9.095 | -2.383 | 160710 | 1000.00 | 1000 | 0.00- | 0.00 | 119.27 |
| Average of Peak Amounts = | | | | | 1e+03 | | | |

Data File: of173249.d
Report Date: 02-Jun-2011 08:47

QC Flag Legend

M - Compound response manually integrated.

Data File: of173249.d

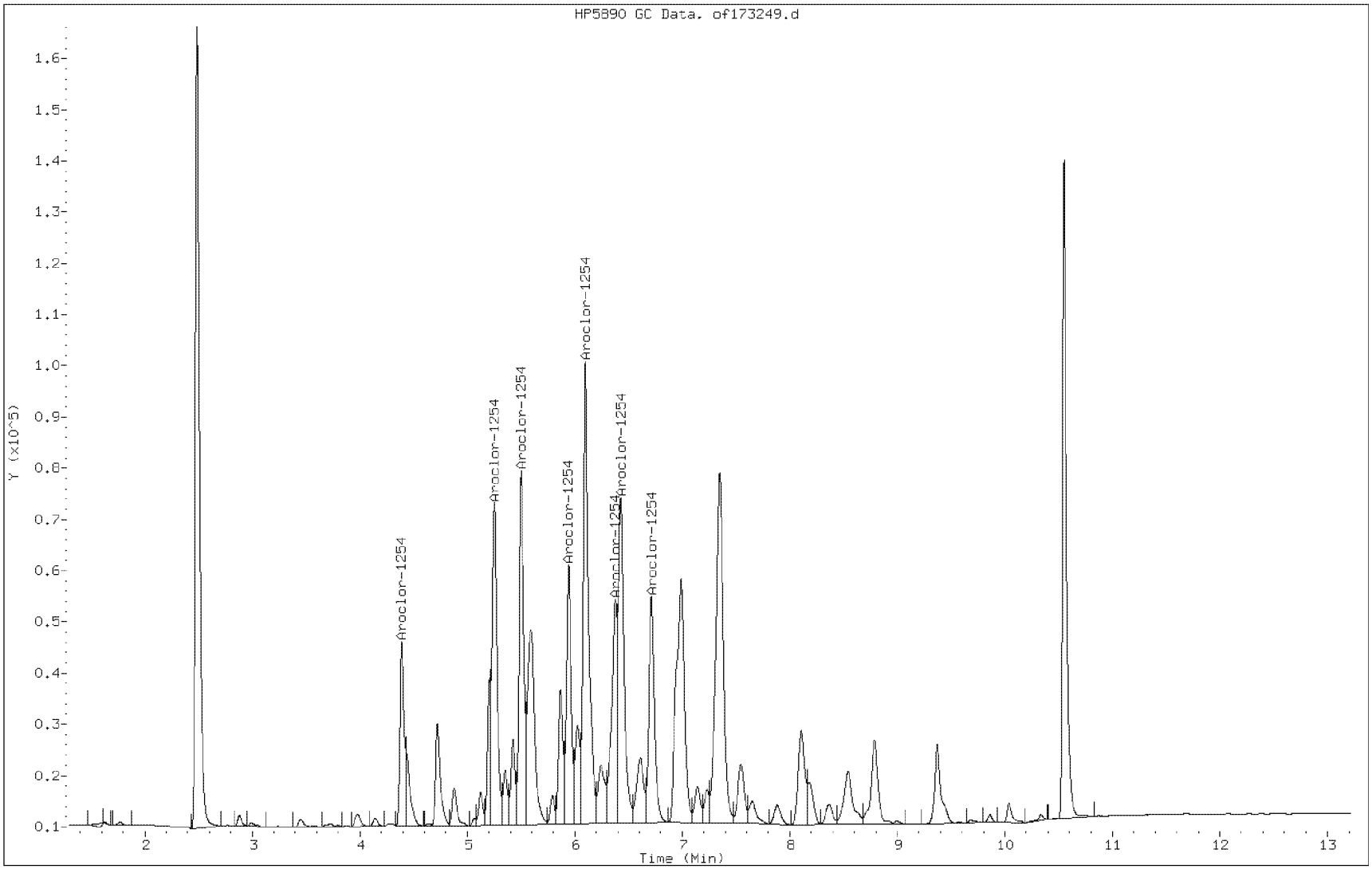
Date: 02-JUN-2011 01:13

Client ID:

Instrument: PESTGC7.i

Sample Info: SG1254L3_00010

Operator: 462



FORM VI
GC SEMI VOA INITIAL CALIBRATION DATA
EXTERNAL STANDARD RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-27128-1 Analy Batch No.: 75405

SDG No.:

Instrument ID: PESTGC7 GC Column: CLP-1 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 06/02/2011 01:13 Calibration End Date: 06/02/2011 01:13 Calibration ID: 11090

Calibration Files:

| LEVEL: | LAB SAMPLE ID: | LAB FILE ID: |
|---|---|---|
| Level 1 | IC 460-75405/11 | or173249.d |

| ANALYTE | LVL 1 | | | | | | | | | | RT WINDOW | AVG RT |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| PCB-1254 Peak 1 | 3.533 | | | | | | | | | | 3.463 - 3.603 | 3.533 |
| PCB-1254 Peak 2 | 4.203 | | | | | | | | | | 4.133 - 4.273 | 4.203 |
| PCB-1254 Peak 3 | 4.830 | | | | | | | | | | 4.760 - 4.900 | 4.830 |
| PCB-1254 Peak 4 | 4.977 | | | | | | | | | | 4.907 - 5.047 | 4.977 |
| PCB-1254 Peak 5 | 5.198 | | | | | | | | | | 5.128 - 5.268 | 5.198 |
| PCB-1254 Peak 6 | 5.315 | | | | | | | | | | 5.245 - 5.385 | 5.315 |
| PCB-1254 Peak 7 | 5.542 | | | | | | | | | | 5.472 - 5.612 | 5.542 |
| PCB-1254 Peak 8 | 5.887 | | | | | | | | | | 5.817 - 5.957 | 5.887 |

FORM VI
GC SEMI VOA INITIAL CALIBRATION DATA
EXTERNAL STANDARD CURVE EVALUTION

Lab Name: TestAmerica Edison Job No.: 460-27128-1 Analy Batch No.: 75405

SDG No.:

Instrument ID: PESTGC7 GC Column: CLP-1 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 06/02/2011 01:13 Calibration End Date: 06/02/2011 01:13 Calibration ID: 11090

Calibration Files:

| LEVEL: | LAB SAMPLE ID: | LAB FILE ID: |
|---|---|---|
| Level 1 | IC 460-75405/11 | or173249.d |

| ANALYTE | CF | | | | CURVE TYPE | COEFFICIENT | | | # | MIN CF | %RSD | # | MAX %RSD | R^2 OR COD | # | MIN R^2 OR COD |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | LVL 1 | | | | | B | M1 | M2 | | | | | | | | |
| PCB-1254 Peak 1 | 110.60 | | | | Ave | | 110.601000 | | | | | | 20.0 | | | |
| PCB-1254 Peak 2 | 133.34 | | | | Ave | | 133.341000 | | | | | | 20.0 | | | |
| PCB-1254 Peak 3 | 185.49 | | | | Ave | | 185.487000 | | | | | | 20.0 | | | |
| PCB-1254 Peak 4 | 252.12 | | | | Ave | | 252.123000 | | | | | | 20.0 | | | |
| PCB-1254 Peak 5 | 121.19 | | | | Ave | | 121.191000 | | | | | | 20.0 | | | |
| PCB-1254 Peak 6 | 189.67 | | | | Ave | | 189.671000 | | | | | | 20.0 | | | |
| PCB-1254 Peak 7 | 186.81 | | | | Ave | | 186.805000 | | | | | | 20.0 | | | |
| PCB-1254 Peak 8 | 250.02 | | | | Ave | | 250.016000 | | | | | | 20.0 | | | |

Note: The m1 coefficient is the same as Ave CF for an Ave curve type.

FORM VI
GC SEMI VOA INITIAL CALIBRATION DATA
EXTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Edison Job No.: 460-27128-1 Analy Batch No.: 75405

SDG No.:

Instrument ID: PESTGC7 GC Column: CLP-1 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 06/02/2011 01:13 Calibration End Date: 06/02/2011 01:13 Calibration ID: 11090

Calibration Files:

| LEVEL: | LAB SAMPLE ID: | LAB FILE ID: |
|---|---|---|
| Level 1 | IC 460-75405/11 | or173249.d |

| ANALYTE | CURVE TYPE | RESPONSE | | | | | CONCENTRATION (UG/L) | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | LVL 1 | | | | | LVL 1 | | | | |
| PCB-1254 Peak 1 | Ave | 110601 | | | | | 1000 | | | | |
| PCB-1254 Peak 2 | Ave | 133341 | | | | | 1000 | | | | |
| PCB-1254 Peak 3 | Ave | 185487 | | | | | 1000 | | | | |
| PCB-1254 Peak 4 | Ave | 252123 | | | | | 1000 | | | | |
| PCB-1254 Peak 5 | Ave | 121191 | | | | | 1000 | | | | |
| PCB-1254 Peak 6 | Ave | 189671 | | | | | 1000 | | | | |
| PCB-1254 Peak 7 | Ave | 186805 | | | | | 1000 | | | | |
| PCB-1254 Peak 8 | Ave | 250016 | | | | | 1000 | | | | |

Curve Type Legend:
Ave = Average

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC7.i/8082/rear/Jun11/06-02-11ical/02jun11a.b/or173249.d
Lab Smp Id: SG1254L3_00010
Inj Date : 02-JUN-2011 01:13
Operator : 462 Inst ID: PESTGC7.i
Smp Info : SG1254L3_00010
Misc Info :
Comment :
Method : /chem1/PESTGC7.i/8082/rear/Jun11/06-02-11ical/02jun11a.b/08Or8082.m
Meth Date : 02-Jun-2011 08:07 Ex. 4 CBI Quant Type: ESTD
Cal Date : 02-JUN-2011 01:46 Cal File: or173251.d
Als bottle: 18 Calibration Sample, Level: 3
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: AR12540.sub
Target Version: 3.50 Sample Matrix: WATER
Processing Host: hpd3

Concentration Formula: Amt * DF * ((Vt)/(Vo))/1000 * CpndVariable

| Name | Value | Description |
|---|---|---|
| DF | 1.00000 | Dilution Factor |
| Vt | 4.00000 | Volume of final extract (mL) |
| Vo | 1.00000 | Volume of sample extracted (mL) |

Cpnd Variable Local Compound Variable

| RT | EXP RT | DLT RT | RESPONSE | AMOUNTS CAL-AMT ( ug/L) | AMOUNTS ON-COL ( ug/L) | TARGET RANGE | RATIO |
|---|---|---|---|---|---|---|---|
| 26 Aroclor-1254 | | | | | CAS #: 11097-69-1 | | |
| 3.533 | 3.533 | 0.000 | 110601 | 1000.00 | 1000 | 80.00- 120.00 | 100.00(aM) |
| 4.203 | 4.203 | 0.000 | 133341 | 1000.00 | 1000 | 96.45- 144.67 | 120.56 |
| 4.830 | 4.830 | 0.000 | 185487 | 1000.00 | 1000 | 134.17- 201.25 | 167.71 |
| 4.977 | 4.977 | 0.000 | 252123 | 1000.00 | 1000 | 182.37- 273.55 | 227.96 |
| 5.198 | 5.198 | 0.000 | 121191 | 1000.00 | 1000 | 87.66- 131.49 | 109.57 |
| 5.315 | 5.315 | 0.000 | 189671 | 1000.00 | 1000 | 137.19- 205.79 | 171.49 |
| 5.542 | 5.542 | 0.000 | 186805 | 1000.00 | 1000 | 135.12- 202.68 | 168.90 |
| 5.887 | 5.887 | 0.000 | 250016 | 1000.00 | 1000 | 180.84- 271.26 | 226.05 |

Average of Peak Amounts = 1e+03

QC Flag Legend

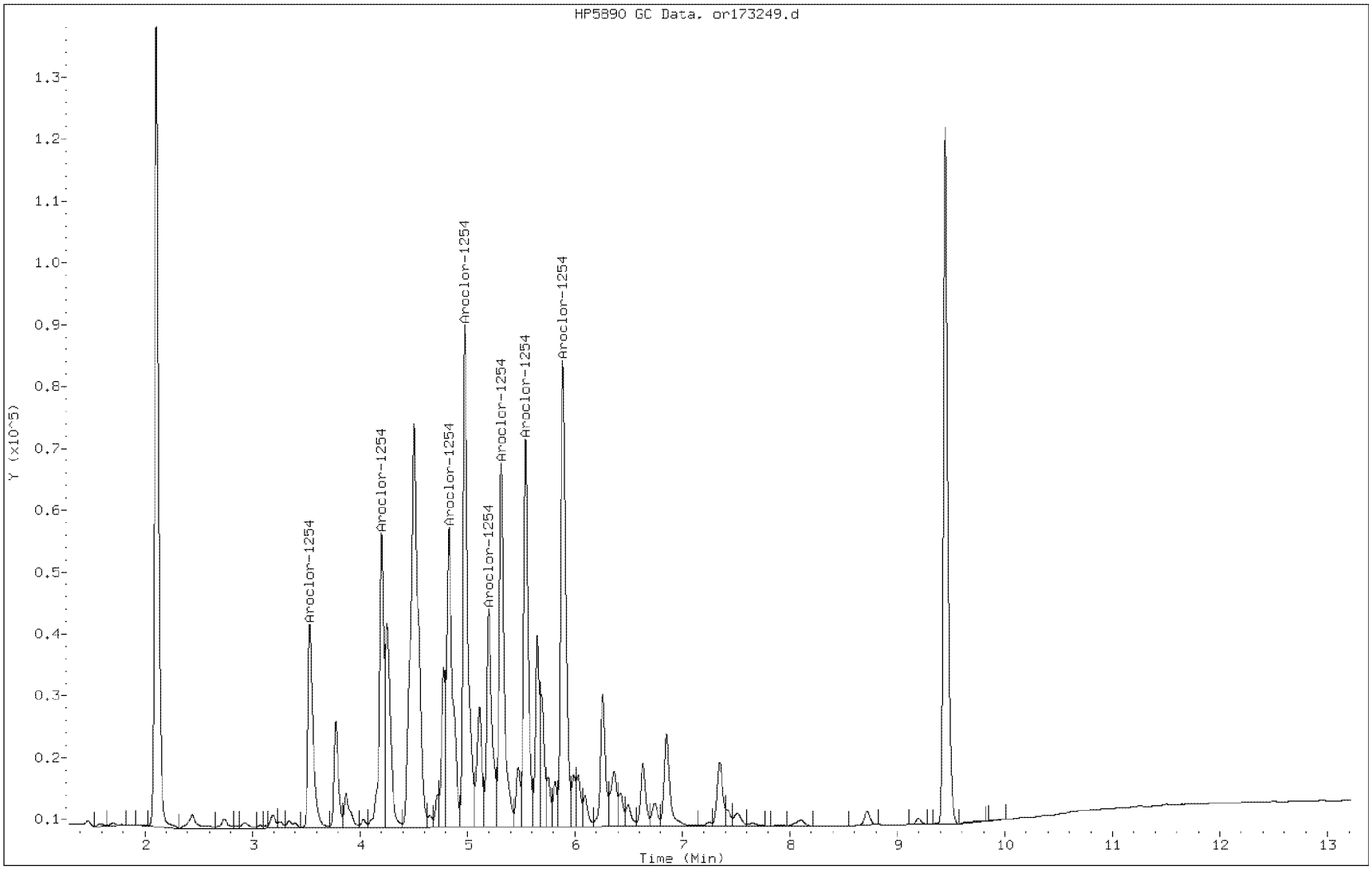
a - Target compound detected but, quantitated amount
    Below Limit Of Quantitation(BLOQ).
M - Compound response manually integrated.

Data File: or173249.d

Date: 02-JUN-2011 01:13

Client ID: Instrument: PESTGC7.i

Sample Info: SG1254L3_00010 Operator: 462



FORM VII
GC SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-27128-1

SDG No.:

Lab Sample ID: CCV 460-76069/28 Calibration Date: 06/08/2011 16:37

Instrument ID: PESTGC7 Calib Start Date: 06/01/2011 22:45

GC Column: CLP-2 ID: 0.53(mm) Calib End Date: 06/01/2011 23:51

Lab File ID: of173412.d Conc. Units: ug/L

| ANALYTE | CURVE TYPE | AVE CF | CF | MIN CF | CALC AMOUNT | SPIKE AMOUNT | %D | MAX %D |
|---|---|---|---|---|---|---|---|---|
| PCB-1016 Peak 1 | Ave | 88.98 | 82.77 | | 930 | 1000 | -7.0 | 15.0 |
| PCB-1016 Peak 2 | Ave | 192.7 | 183.7 | | 953 | 1000 | -4.7 | 15.0 |
| PCB-1016 Peak 3 | Ave | 93.77 | 89.55 | | 955 | 1000 | -4.5 | 15.0 |
| PCB-1016 Peak 4 | Ave | 350.1 | 344.0 | | 983 | 1000 | -1.7 | 15.0 |
| PCB-1016 Peak 5 | Ave | 155.5 | 153.2 | | 986 | 1000 | -1.4 | 15.0 |
| PCB-1016 Peak 6 | Ave | 81.88 | 78.18 | | 955 | 1000 | -4.5 | 15.0 |
| PCB-1016 Peak 7 | Ave | 110.3 | 100.6 | | 912 | 1000 | -8.8 | 15.0 |
| PCB-1016 Peak 8 | Ave | 122.3 | 121.9 | | 997 | 1000 | -0.3 | 15.0 |
| PCB-1260 Peak 1 | Ave | 252.3 | 237.7 | | 942 | 1000 | -5.8 | 15.0 |
| PCB-1260 Peak 2 | Ave | 283.0 | 267.8 | | 946 | 1000 | -5.4 | 15.0 |
| PCB-1260 Peak 3 | Ave | 413.3 | 401.0 | | 970 | 1000 | -3.0 | 15.0 |
| PCB-1260 Peak 4 | Ave | 195.8 | 189.2 | | 967 | 1000 | -3.3 | 15.0 |
| PCB-1260 Peak 5 | Ave | 116.0 | 111.2 | | 959 | 1000 | -4.1 | 15.0 |
| PCB-1260 Peak 6 | Ave | 217.2 | 224.3 | | 1030 | 1000 | 3.3 | 15.0 |
| PCB-1260 Peak 7 | Ave | 288.1 | 269.0 | | 934 | 1000 | -6.6 | 15.0 |
| PCB-1260 Peak 8 | Ave | 99.01 | 96.58 | | 975 | 1000 | -2.5 | 15.0 |
| DCB Decachlorobiphenyl | Ave | 2987 | 2957 | | 99.0 | 100 | -1.0 | 15.0 |

FORM VII
GC SEMI VOA CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-27128-1

SDG No.:

Lab Sample ID: CCV 460-76069/28 Calibration Date: 06/08/2011 16:37

Instrument ID: PESTGC7 Calib Start Date: 06/01/2011 22:45

GC Column: CLP-2 ID: 0.53(mm) Calib End Date: 06/01/2011 23:51

Lab File ID: of173412.d

| Analyte | RT | RT WINDOW | |
|---|---|---|---|
| | | TO | FROM |
| PCB-1016 Peak 1 | 2.99 | 2.93 | 3.07 |
| PCB-1016 Peak 2 | 3.45 | 3.38 | 3.52 |
| PCB-1016 Peak 3 | 3.73 | 3.66 | 3.80 |
| PCB-1016 Peak 4 | 3.98 | 3.92 | 4.06 |
| PCB-1016 Peak 5 | 4.15 | 4.08 | 4.22 |
| PCB-1016 Peak 6 | 4.39 | 4.33 | 4.47 |
| PCB-1016 Peak 7 | 4.72 | 4.66 | 4.80 |
| PCB-1016 Peak 8 | 4.88 | 4.81 | 4.95 |
| PCB-1260 Peak 1 | 6.38 | 6.31 | 6.45 |
| PCB-1260 Peak 2 | 6.71 | 6.64 | 6.78 |
| PCB-1260 Peak 3 | 7.34 | 7.28 | 7.42 |
| PCB-1260 Peak 4 | 7.54 | 7.47 | 7.61 |
| PCB-1260 Peak 5 | 7.65 | 7.58 | 7.72 |
| PCB-1260 Peak 6 | 8.19 | 8.12 | 8.26 |
| PCB-1260 Peak 7 | 9.37 | 9.30 | 9.44 |
| PCB-1260 Peak 8 | 10.04 | 9.97 | 10.11 |
| DCB Decachlorobiphenyl | 10.55 | 10.45 | 10.65 |

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC7.i/8082/front/Jun11/06-08-11/08jun11c.b/of173412.d
Lab Smp Id: CCV SG1660L3_00012
Inj Date : 08-JUN-2011 16:37
Operator : 462 Inst ID: PESTGC7.i
Smp Info : CCV SG1660L3_00012
Misc Info :
Comment :
Method : /chem1/PESTGC7.i/8082/front/Jun11/06-08-11/08jun11c.b/08Of8082.m
Meth Date : 08-Jun-2011 17:33 Ex. 4 CBI Quant Type: ESTD
Cal Date : 02-JUN-2011 01:46 Cal File: of173251.d
Als bottle: 39
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: AR16600S.sub
Target Version: 3.50 Sample Matrix: SOIL
Processing Host: hpd3

Concentration Formula: Amt * DF * Vt/(Ws*(100-M)/100) * CpndVariable

| Name | Value | Description |
|---|---|---|
| DF | 1.00000 | Dilution Factor |
| Vt | 10.00000 | Volume of final extract (mL) |
| Ws | 15.00000 | Weight of sample extracted (g) |
| M | 0.00000 | % Moisture |

Cpnd Variable Local Compound Variable

| RT | EXP RT | DLT RT | RESPONSE | CONCENTRATIONS ON-COL ( ug/L) | FINAL (ug/kg) | TARGET RANGE | RATIO |
|---|---|---|---|---|---|---|---|
| 21 Aroclor-1016 | | | | | CAS #: 12674-11-2 | | |
| 2.993 | 2.998 | -0.005 | 82765 | 930.130 | | 80.00- 120.00 | 100.00(aM) |
| 3.450 | 3.453 | -0.003 | 183747 | 953.388 | | 163.90- 245.85 | 222.01 |
| 3.725 | 3.730 | -0.005 | 89548 | 954.975 | | 82.03- 123.05 | 108.20 |
| 3.982 | 3.987 | -0.005 | 344049 | 982.743 | | 306.83- 460.25 | 415.69 |
| 4.147 | 4.152 | -0.005 | 153215 | 985.512 | | 135.99- 203.98 | 185.12 |
| 4.392 | 4.395 | -0.003 | 78180 | 954.854 | | 70.75- 106.12 | 94.46 |
| 4.722 | 4.727 | -0.005 | 100615 | 912.353 | | 95.66- 143.49 | 121.57 |
| 4.880 | 4.882 | -0.002 | 121947 | 997.136 | | 103.75- 155.63 | 147.34 |
| 27 Aroclor-1260 | | | | | CAS #: 11096-82-5 | | |
| 6.377 | 6.380 | -0.003 | 237729 | 942.165 | | 80.00- 120.00 | 100.00(aM) |
| 6.712 | 6.713 | -0.001 | 267758 | 946.286 | | 90.01- 135.01 | 112.63 |

| RT | EXP RT | DLT RT | RESPONSE | CONCENTRATIONS ON-COL ( ug/L) | FINAL (ug/kg) | TARGET RANGE | RATIO |
|---|---|---|---|---|---|---|---|
| 27 Aroclor-1260 (continued) | | | | | | | |
| 7.343 | 7.347 | -0.004 | 401015 | 970.271 | | 134.75- 202.13 | 168.69 |
| 7.537 | 7.540 | -0.003 | 189236 | 966.518 | | 62.94- 94.40 | 79.60 |
| 7.650 | 7.652 | -0.002 | 111228 | 959.107 | | 36.80- 55.21 | 46.79 |
| 8.187 | 8.190 | -0.003 | 224325 | 1032.59 | | 75.24- 112.86 | 94.36 |
| 9.367 | 9.368 | -0.001 | 269043 | 933.910 | | 93.41- 140.11 | 113.17 |
| 10.035 | 10.035 | 0.000 | 96582 | 975.447 | | 32.20- 48.29 | 40.63 |
| $ 30 Decachlorobiphenyl(surr) | | | | | CAS #: 2051-24-3 | | |
| 10.548 | 10.550 | -0.002 | 295690 | 98.9970 | | 80.00- 120.00 | 100.00(aR) |

QC Flag Legend

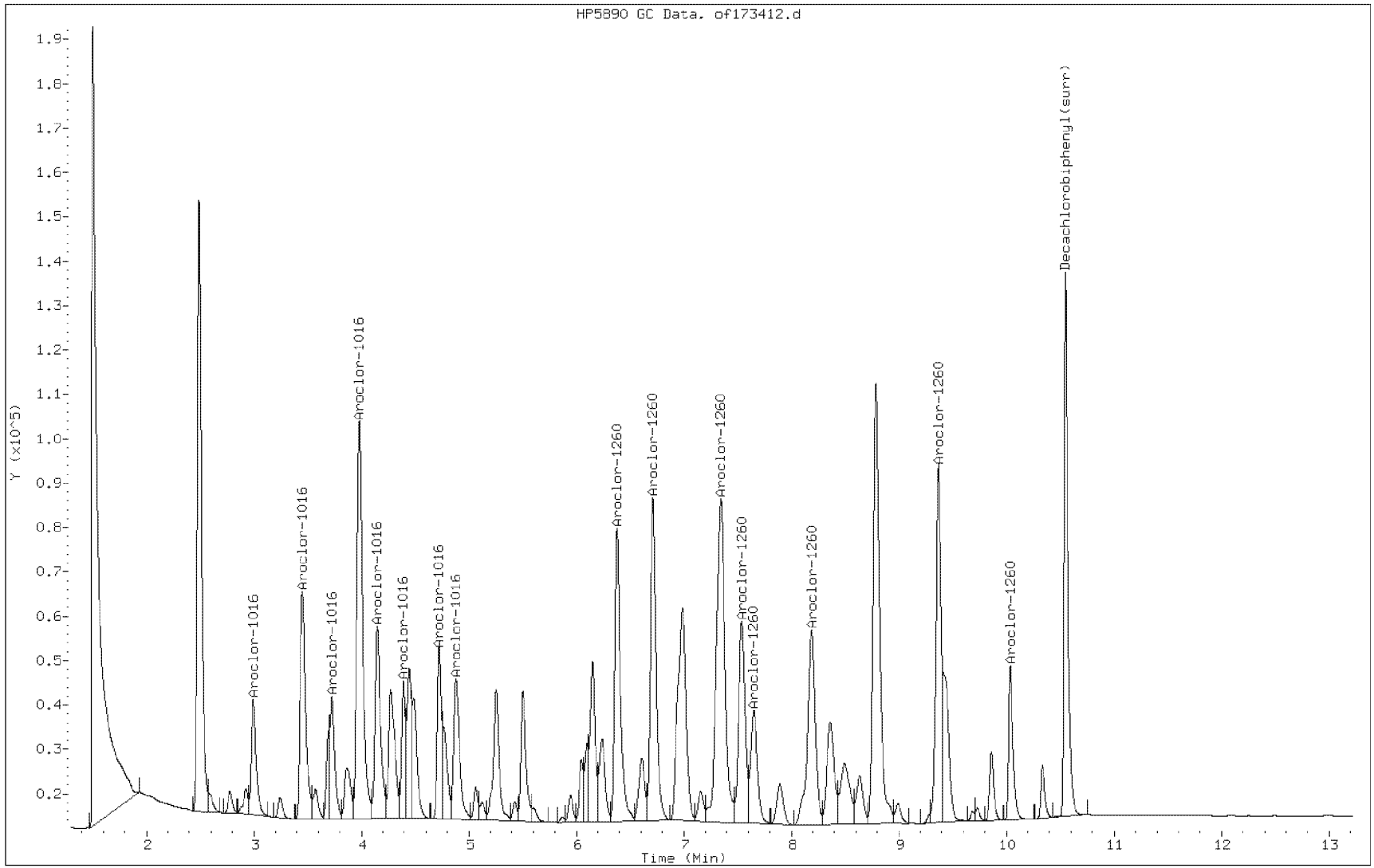
a - Target compound detected but, quantitated amount
    Below Limit Of Quantitation(BLOQ).
R - Spike/Surrogate failed recovery limits.
M - Compound response manually integrated.

Data File: of173412.d

Date: 08-JUN-2011 16:37

Client ID: Instrument: PESTGC7.i

Sample Info: CCV SG1660L3_00012 Operator: 462



FORM VII
GC SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-27128-1

SDG No.:

Lab Sample ID: CCV 460-76069/28 Calibration Date: 06/08/2011 16:37

Instrument ID: PESTGC7 Calib Start Date: 06/01/2011 22:45

GC Column: CLP-1 ID: 0.53(mm) Calib End Date: 06/01/2011 23:51

Lab File ID: or173412.d Conc. Units: ug/L

| ANALYTE | CURVE TYPE | AVE CF | CF | MIN CF | CALC AMOUNT | SPIKE AMOUNT | %D | MAX %D |
|---|---|---|---|---|---|---|---|---|
| PCB-1016 Peak 1 | Ave | 83.38 | 89.19 | | 1070 | 1000 | 7.0 | 15.0 |
| PCB-1016 Peak 2 | Ave | 142.1 | 149.8 | | 1050 | 1000 | 5.4 | 15.0 |
| PCB-1016 Peak 3 | Ave | 99.30 | 110.1 | | 1110 | 1000 | 10.9 | 15.0 |
| PCB-1016 Peak 4 | Ave | 286.9 | 311.3 | | 1090 | 1000 | 8.5 | 15.0 |
| PCB-1016 Peak 5 | Ave | 113.9 | 123.1 | | 1080 | 1000 | 8.0 | 15.0 |
| PCB-1016 Peak 6 | Ave | 77.02 | 87.64 | | 1140 | 1000 | 13.8 | 15.0 |
| PCB-1016 Peak 7 | Ave | 141.7 | 140.7 | | 993 | 1000 | -0.7 | 15.0 |
| PCB-1016 Peak 8 | Ave | 117.5 | 128.3 | | 1090 | 1000 | 9.2 | 15.0 |
| PCB-1260 Peak 1 | Ave | 177.5 | 180.4 | | 1020 | 1000 | 1.6 | 15.0 |
| PCB-1260 Peak 2 | Ave | 314.8 | 320.8 | | 1020 | 1000 | 1.9 | 15.0 |
| PCB-1260 Peak 3 | Ave | 294.4 | 307.3 | | 1040 | 1000 | 4.4 | 15.0 |
| PCB-1260 Peak 4 | Ave | 145.1 | 146.4 | | 1010 | 1000 | 0.9 | 15.0 |
| PCB-1260 Peak 5 | Ave | 157.2 | 156.6 | | 996 | 1000 | -0.4 | 15.0 |
| PCB-1260 Peak 6 | Ave | 188.1 | 198.0 | | 1050 | 1000 | 5.2 | 15.0 |
| PCB-1260 Peak 7 | Ave | 100.8 | 110.4 | | 1090 | 1000 | 9.5 | 15.0 |
| PCB-1260 Peak 8 | Ave | 95.11 | 93.95 | | 988 | 1000 | -1.2 | 15.0 |
| DCB Decachlorobiphenyl | Ave | 3147 | 3153 | | 100 | 100 | 0.2 | 15.0 |

FORM VII
GC SEMI VOA CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-27128-1

SDG No.:

Lab Sample ID: CCV 460-76069/28 Calibration Date: 06/08/2011 16:37

Instrument ID: PESTGC7 Calib Start Date: 06/01/2011 22:45

GC Column: CLP-1 ID: 0.53(mm) Calib End Date: 06/01/2011 23:51

Lab File ID: or173412.d

| Analyte | RT | RT WINDOW | |
|---|---|---|---|
| | | TO | FROM |
| PCB-1016 Peak 1 | 2.41 | 2.35 | 2.49 |
| PCB-1016 Peak 2 | 2.74 | 2.67 | 2.81 |
| PCB-1016 Peak 3 | 2.94 | 2.87 | 3.01 |
| PCB-1016 Peak 4 | 3.20 | 3.13 | 3.27 |
| PCB-1016 Peak 5 | 3.34 | 3.28 | 3.42 |
| PCB-1016 Peak 6 | 3.41 | 3.34 | 3.48 |
| PCB-1016 Peak 7 | 3.56 | 3.49 | 3.63 |
| PCB-1016 Peak 8 | 3.78 | 3.71 | 3.85 |
| PCB-1260 Peak 1 | 5.20 | 5.13 | 5.27 |
| PCB-1260 Peak 2 | 5.54 | 5.47 | 5.61 |
| PCB-1260 Peak 3 | 5.89 | 5.82 | 5.96 |
| PCB-1260 Peak 4 | 6.04 | 5.97 | 6.11 |
| PCB-1260 Peak 5 | 6.37 | 6.30 | 6.44 |
| PCB-1260 Peak 6 | 7.35 | 7.28 | 7.42 |
| PCB-1260 Peak 7 | 7.51 | 7.44 | 7.58 |
| PCB-1260 Peak 8 | 8.72 | 8.65 | 8.79 |
| DCB Decachlorobiphenyl | 9.45 | 9.35 | 9.55 |

Data File: or173412.d
Report Date: 08-Jun-2011 17:39

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC7.i/8082/rear/Jun11/06-08-11/08jun11c.b/or173412.d
Lab Smp Id: CCV SG1660L3_00012
Inj Date : 08-JUN-2011 16:37
Operator : 462 Inst ID: PESTGC7.i
Smp Info : CCV SG1660L3_00012
Misc Info :
Comment :
Method : /chem1/PESTGC7.i/8082/rear/Jun11/06-08-11/08jun11c.b/08Or8082.m
Meth Date : 08-Jun-2011 17:33 Ex. 4 CBI Quant Type: ESTD
Cal Date : 02-JUN-2011 01:46 Cal File: or173251.d
Als bottle: 39
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: AR16600S.sub
Target Version: 3.50 Sample Matrix: SOIL
Processing Host: hpd3

Concentration Formula: Amt * DF * Vt/(Ws*(100-M)/100) * CpndVariable

| Name | Value | Description |
|---|---|---|
| DF | 1.00000 | Dilution Factor |
| Vt | 10.00000 | Volume of final extract (mL) |
| Ws | 15.00000 | Weight of sample extracted (g) |
| M | 0.00000 | % Moisture |

Cpnd Variable Local Compound Variable

| RT | EXP RT | DLT RT | RESPONSE | CONCENTRATIONS ON-COL ( ug/L) | FINAL (ug/kg) | TARGET RANGE | RATIO |
|---|---|---|---|---|---|---|---|
| 21 Aroclor-1016 | | | | | CAS #: 12674-11-2 | | |
| 2.413 | 2.415 | -0.002 | 89190 | 1069.63 | 710 | 80.00- 120.00 | 100.00(M) |
| 2.742 | 2.742 | 0.000 | 149811 | 1054.14 | 700 | 132.39- 198.58 | 167.97 |
| 2.935 | 2.935 | 0.000 | 110114 | 1108.92 | 740 | 93.64- 140.46 | 123.46 |
| 3.200 | 3.200 | 0.000 | 311289 | 1085.04 | 720 | 278.52- 417.78 | 349.02 |
| 3.343 | 3.345 | -0.002 | 123059 | 1080.11 | 720 | 109.57- 164.35 | 137.97 |
| 3.407 | 3.407 | 0.000 | 87635 | 1137.89 | 760 | 76.25- 114.37 | 98.26 |
| 3.555 | 3.557 | -0.002 | 140720 | 993.348 | 660 | 121.96- 182.94 | 157.78 |
| 3.783 | 3.783 | 0.000 | 128277 | 1092.00 | 730 | 113.03- 169.54 | 143.82 |
| Average of Peak Concentrations = | | | | | 720 | | |
| 27 Aroclor-1260 | | | | | CAS #: 11096-82-5 | | |
| 5.200 | 5.200 | 0.000 | 180368 | 1016.36 | 680 | 80.00- 120.00 | 100.00(M) |

Data File: or173412.d
Report Date: 08-Jun-2011 17:39

| RT | EXP RT | DLT RT | RESPONSE | CONCENTRATIONS ON-COL ( ug/L) | FINAL (ug/kg) | TARGET RANGE | RATIO |
|---|---|---|---|---|---|---|---|
| 27 Aroclor-1260 (continued) | | | | | | | |
| 5.543 | 5.543 | 0.000 | 320807 | 1019.22 | 680 | 141.42- 212.13 | 177.86 |
| 5.888 | 5.888 | 0.000 | 307332 | 1043.92 | 700 | 136.05- 204.08 | 170.39 |
| 6.035 | 6.035 | 0.000 | 146378 | 1009.16 | 670 | 61.58- 92.37 | 81.16 |
| 6.368 | 6.368 | 0.000 | 156574 | 995.801 | 660 | 68.90- 103.34 | 86.81 |
| 7.348 | 7.348 | 0.000 | 197962 | 1052.49 | 700 | 86.69- 130.04 | 109.75 |
| 7.512 | 7.512 | 0.000 | 110392 | 1094.78 | 730 | 46.13- 69.19 | 61.20 |
| 8.718 | 8.718 | 0.000 | 93949 | 987.786 | 660 | 45.01- 67.51 | 52.09 |
| Average of Peak Concentrations = | | | | | 680 | | |
| $ 30 Decachlorobiphenyl(surr) | | | | | CAS #: 2051-24-3 | | |
| 9.447 | 9.445 | 0.002 | 315285 | 100.183 | 67 | 80.00- 120.00 | 100.00(R) |

QC Flag Legend

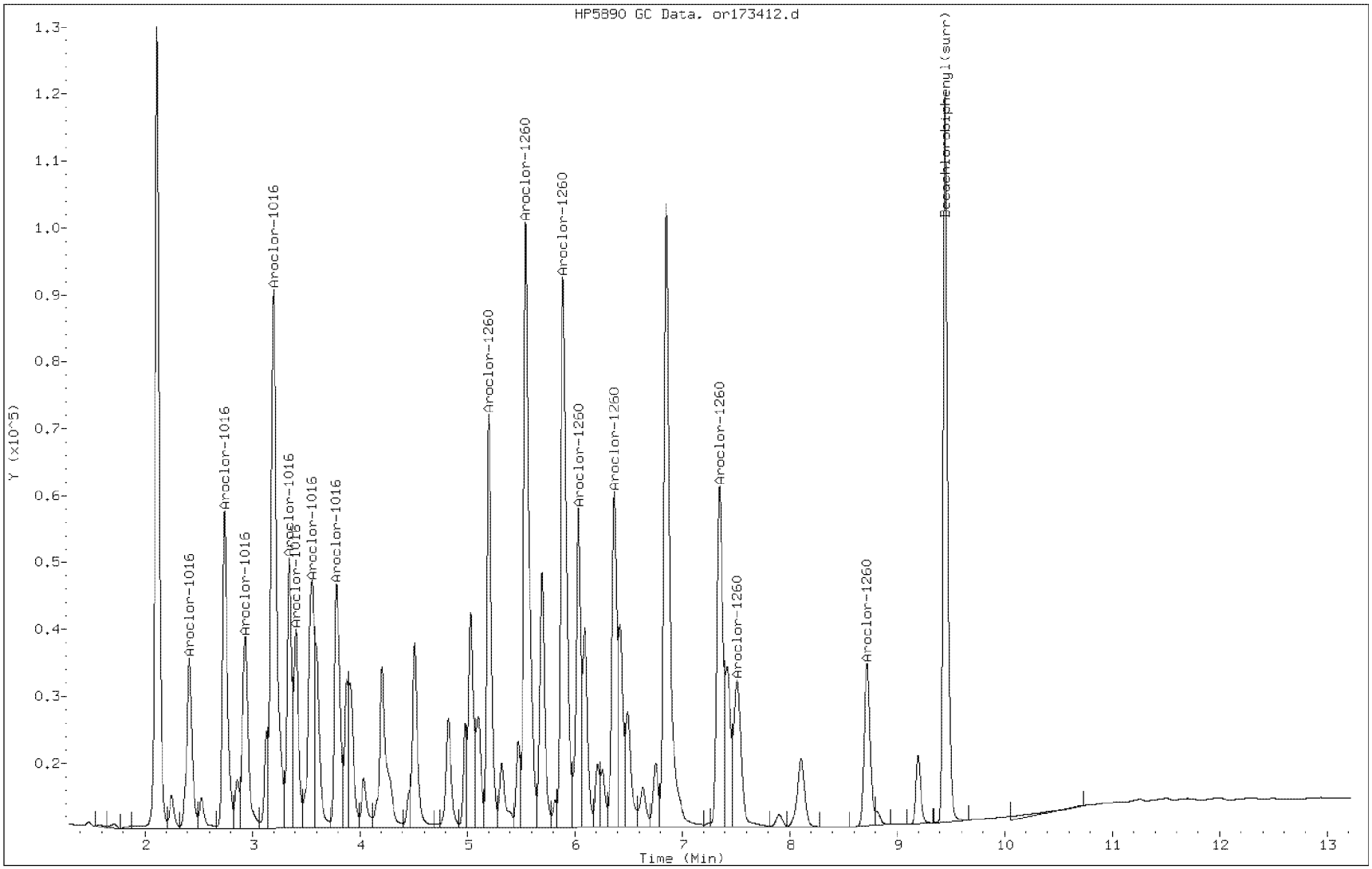
R - Spike/Surrogate failed recovery limits.
M - Compound response manually integrated.

Data File: or173412.d

Date: 08-JUN-2011 16:37

Client ID: Instrument: PESTGC7.i

Sample Info: CCV SG1660L3_00012 Operator: 462



FORM I

GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-27128-1

SDG No.:

Client Sample ID: | Lab Sample ID: MB 460-75841/1-A

Matrix: Solid | Lab File ID: of173402.d

Analysis Method: 8082 | Date Collected:

Extraction Method: 3541 | Date Extracted: 06/07/2011 06:04

Sample wt/vol: 15.00(g) | Date Analyzed: 06/08/2011 13:44

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: | GC Column: CLP-2 ID: 0.53(mm)

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 76069 | Units: ug/Kg

| CAS NO. | SURROGATE | %REC | Q | LIMITS |
|---|---|---|---|---|
| 2051-24-3 | DCB Decachlorobiphenyl | 120 | | 30-150 |

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC7.i/8082/front/Jun11/06-08-11/08jun11c.b/of173402.d
Lab Smp Id: mb 460-75841/1-a
Inj Date : 08-JUN-2011 13:44
Operator : 462 Inst ID: PESTGC7.i
Smp Info : mb 460-75841/1-a
Misc Info :
Comment :
Method : /chem1/PESTGC7.i/8082/front/Jun11/06-08-11/08jun11c.b/08Of8082.m
Meth Date : 08-Jun-2011 17:33 Ex. 4 CBI Quant Type: ESTD
Cal Date : 02-JUN-2011 01:46 Cal File: of173251.d
Als bottle: 29 QC Sample: BLANK
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: AllPCB.sub
Target Version: 3.50 Sample Matrix: SOIL
Processing Host: hpd3

Concentration Formula: Amt * DF * Vt/(Ws*(100-M)/100) * CpndVariable

| Name | Value | Description |
|---|---|---|
| DF | 1.00000 | Dilution Factor |
| Vt | 10.00000 | Volume of final extract (mL) |
| Ws | 15.00000 | Weight of sample extracted (g) |
| M | 0.00000 | % Moisture |

Cpnd Variable Local Compound Variable

| RT | EXP RT | DLT RT | RESPONSE | CONCENTRATIONS ON-COL ( ug/L) | FINAL (ug/kg) | TARGET RANGE | RATIO |
|---|---|---|---|---|---|---|---|
| $ 30 Decachlorobiphenyl(surr) | | | | | CAS #: 2051-24-3 | | |
| 10.550 | 10.550 | 0.000 | 179432 | 60.0738 | | 80.00- 120.00 | 100.00(aR) |

QC Flag Legend

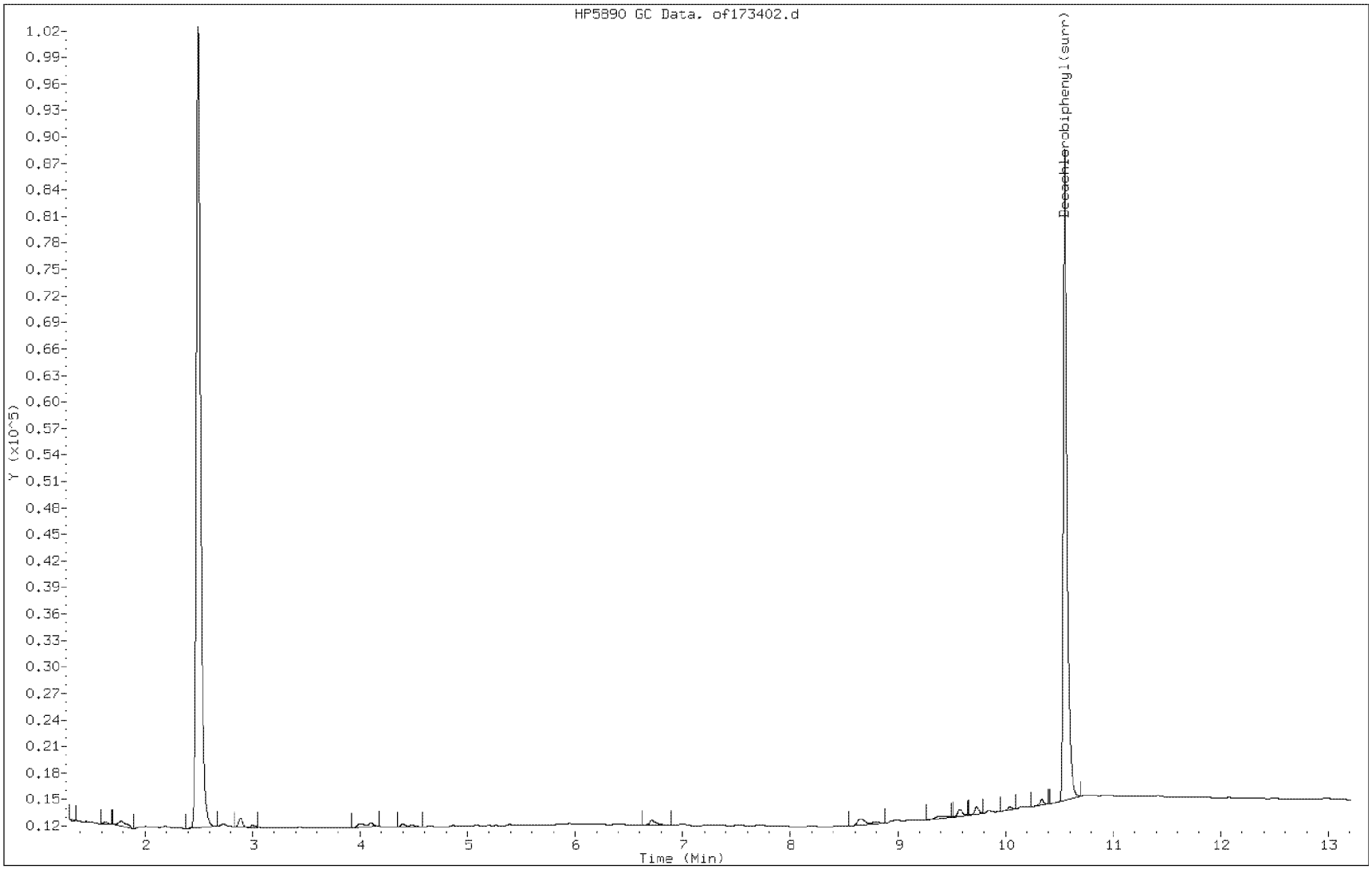
a - Target compound detected but, quantitated amount
Below Limit Of Quantitation(BLOQ).
R - Spike/Surrogate failed recovery limits.

Data File: of173402.d

Date: 08-JUN-2011 13:44

Client ID: Instrument: PESTGC7.i

Sample Info: mb 460-75841/1-a Operator: 462



FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-27128-1

SDG No.:

Client Sample ID: | Lab Sample ID: MB 460-75841/1-A

Matrix: Solid | Lab File ID: or173402.d

Analysis Method: 8082 | Date Collected:

Extraction Method: 3541 | Date Extracted: 06/07/2011 06:04

Sample wt/vol: 15.00(g) | Date Analyzed: 06/08/2011 13:44

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: | GC Column: CLP-1 ID: 0.53(mm)

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 76069 | Units: ug/Kg

| CAS NO. | COMPOUND NAME | RESULT | Q | RL | MDL |
|---|---|---|---|---|---|
| 12674-11-2 | PCB-1016 | 67 | U | 67 | 13 |
| 11104-28-2 | PCB-1221 | 67 | U | 67 | 20 |
| 11141-16-5 | PCB-1232 | 67 | U | 67 | 38 |
| 53469-21-9 | PCB-1242 | 67 | U | 67 | 13 |
| 12672-29-6 | PCB-1248 | 67 | U | 67 | 18 |
| 11097-69-1 | PCB-1254 | 67 | U | 67 | 23 |
| 11096-82-5 | PCB-1260 | 67 | U | 67 | 7.5 |

| CAS NO. | SURROGATE | %REC | Q | LIMITS |
|---|---|---|---|---|
| 2051-24-3 | DCB Decachlorobiphenyl | 122 | | 30-150 |

Data File: or173402.d
Report Date: 08-Jun-2011 17:38

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC7.i/8082/rear/Jun11/06-08-11/08jun11c.b/or173402.d
Lab Smp Id: mb 460-75841/1-a
Inj Date : 08-JUN-2011 13:44
Operator : 462 Inst ID: PESTGC7.i
Smp Info : mb 460-75841/1-a
Misc Info :
Comment :
Method : /chem1/PESTGC7.i/8082/rear/Jun11/06-08-11/08jun11c.b/08Or8082.m
Meth Date : 08-Jun-2011 17:33 Ex. 4 CBI Quant Type: ESTD
Cal Date : 02-JUN-2011 01:46 Cal File: or173251.d
Als bottle: 29 QC Sample: BLANK
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: AllPCB.sub
Target Version: 3.50 Sample Matrix: SOIL
Processing Host: hpd3

Concentration Formula: Amt * DF * Vt/(Ws*(100-M)/100) * CpndVariable

| Name | Value | Description |
|---|---|---|
| DF | 1.00000 | Dilution Factor |
| Vt | 10.00000 | Volume of final extract (mL) |
| Ws | 15.00000 | Weight of sample extracted (g) |
| M | 0.00000 | % Moisture |

Cpnd Variable Local Compound Variable

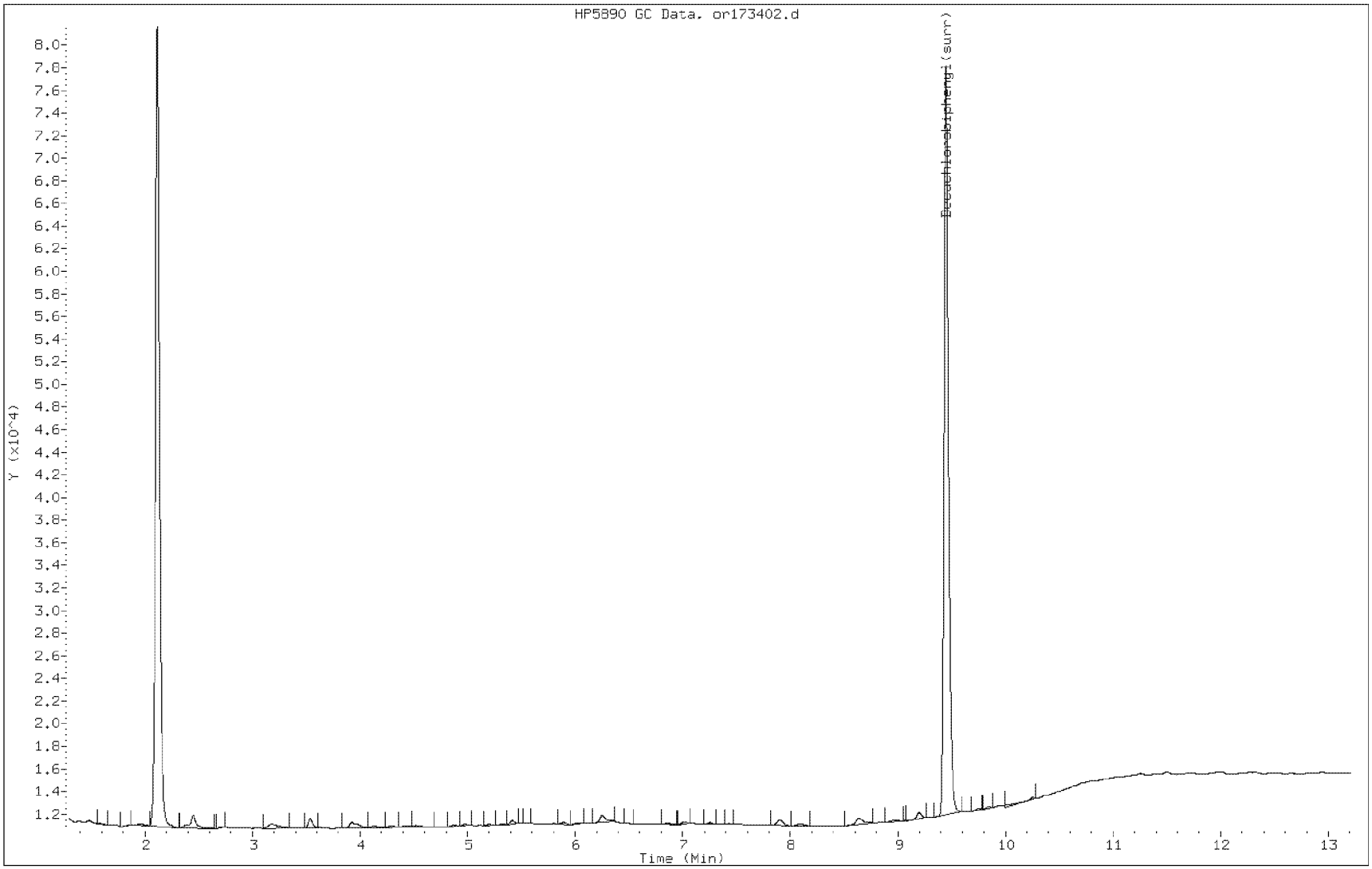
| RT | EXP RT | DLT RT | RESPONSE | CONCENTRATIONS ON-COL ( ug/L) | FINAL (ug/kg) | TARGET RANGE | RATIO |
|---|---|---|---|---|---|---|---|
| $ 30 Decachlorobiphenyl(surr) | | | | | CAS #: 2051-24-3 | | |
| 9.447 | 9.445 | 0.002 | 191449 | 60.8335 | 40 | 80.00- 120.00 | 100.00 |

Data File: or173402.d

Date: 08-JUN-2011 13:44

Client ID: Instrument: PESTGC7.i

Sample Info: mb 460-75841/1-a Operator: 462



FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-27128-1

SDG No.:

Client Sample ID: | Lab Sample ID: PIBLK 460-76069/29

Matrix: Solid | Lab File ID: of173400.d

Analysis Method: 8082 | Date Collected:

Extraction Method: | Date Extracted:

Sample wt/vol: | Date Analyzed: 06/08/2011 13:11

Con. Extract Vol.: | Dilution Factor: 1

Injection Volume: | GC Column: CLP-2 ID: 0.53(mm)

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 76069 | Units: ug/L

| CAS NO. | COMPOUND NAME | RESULT | Q | RL | MDL |
|---|---|---|---|---|---|
| 12674-11-2 | PCB-1016 | 0.50 | U | 0.50 | 0.13 |
| 11104-28-2 | PCB-1221 | 0.50 | U | 0.50 | 0.28 |
| 11141-16-5 | PCB-1232 | 0.50 | U | 0.50 | 0.12 |
| 53469-21-9 | PCB-1242 | 0.50 | U | 0.50 | 0.12 |
| 12672-29-6 | PCB-1248 | 0.50 | U | 0.50 | 0.24 |
| 11097-69-1 | PCB-1254 | 0.50 | U | 0.50 | 0.17 |
| 11096-82-5 | PCB-1260 | 0.50 | U | 0.50 | 0.15 |

| CAS NO. | SURROGATE | %REC | Q | LIMITS |
|---|---|---|---|---|
| 2051-24-3 | DCB Decachlorobiphenyl | | | |

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC7.i/8082/front/Jun11/06-08-11/08jun11c.b/of173400.d
Lab Smp Id: SGPIBLK_00007A
Inj Date : 08-JUN-2011 13:11
Operator : 462 Inst ID: PESTGC7.i
Smp Info : SGPIBLK_00007A
Misc Info :
Comment :
Method : /chem1/PESTGC7.i/8082/front/Jun11/06-08-11/08jun11c.b/08Of8082.m
Meth Date : 08-Jun-2011 17:33 Ex. 4 CBI Quant Type: ESTD
Cal Date : 02-JUN-2011 01:46 Cal File: of173251.d
Als bottle: 25
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: AllPCB.sub
Target Version: 3.50 Sample Matrix: SOIL
Processing Host: hpd3

Concentration Formula: Amt * DF * Vt/(Ws*(100-M)/100) * CpndVariable

| Name | Value | Description |
|---|---|---|
| DF | 1.00000 | Dilution Factor |
| Vt | 10.00000 | Volume of final extract (mL) |
| Ws | 15.00000 | Weight of sample extracted (g) |
| M | 0.00000 | % Moisture |

Cpnd Variable Local Compound Variable

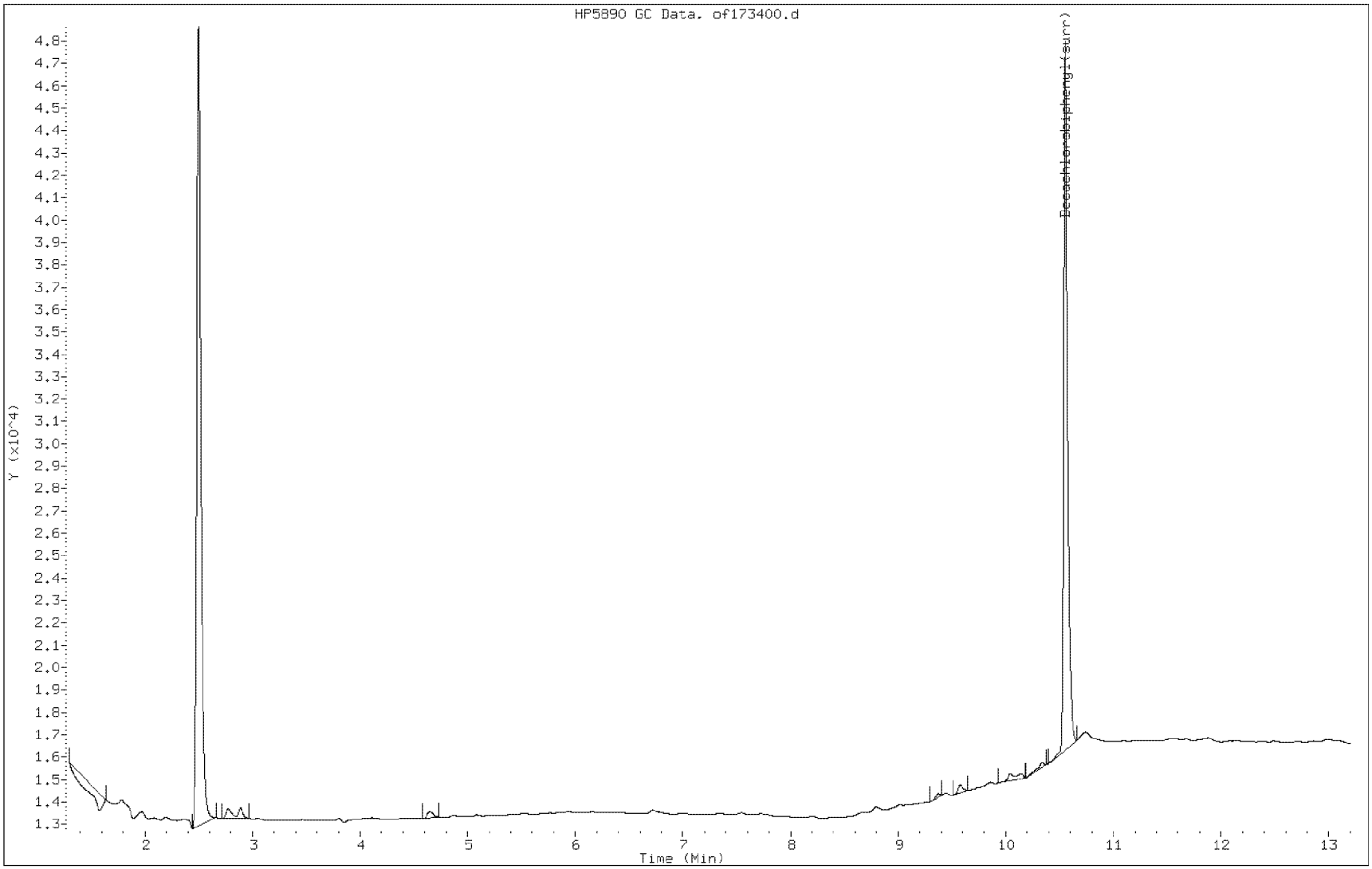
| RT | EXP RT | DLT RT | RESPONSE | CONCENTRATIONS ON-COL ( ug/L) | FINAL (ug/kg) | TARGET RANGE | RATIO |
|---|---|---|---|---|---|---|---|
| $ 30 Decachlorobiphenyl(surr) | | | | | CAS #: 2051-24-3 | | |
| 10.552 | 10.550 | 0.002 | 78661 | 26.3357 | 18 | 80.00- 120.00 | 100.00 |

Data File: of173400.d

Date: 08-JUN-2011 13:11

Client ID: Instrument: PESTGC7.i

Sample Info: SGPIBLK_00007A Operator: 462



FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-27128-1

SDG No.:

Client Sample ID: | Lab Sample ID: PIBLK 460-76069/29

Matrix: Solid | Lab File ID: or173400.d

Analysis Method: 8082 | Date Collected:

Extraction Method: | Date Extracted:

Sample wt/vol: | Date Analyzed: 06/08/2011 13:11

Con. Extract Vol.: | Dilution Factor: 1

Injection Volume: | GC Column: CLP-1 ID: 0.53(mm)

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 76069 | Units: ug/L

| CAS NO. | COMPOUND NAME | RESULT | Q | RL | MDL |
|---|---|---|---|---|---|
| 12674-11-2 | PCB-1016 | 0.50 | U | 0.50 | 0.13 |
| 11104-28-2 | PCB-1221 | 0.50 | U | 0.50 | 0.28 |
| 11141-16-5 | PCB-1232 | 0.50 | U | 0.50 | 0.12 |
| 53469-21-9 | PCB-1242 | 0.50 | U | 0.50 | 0.12 |
| 12672-29-6 | PCB-1248 | 0.50 | U | 0.50 | 0.24 |
| 11097-69-1 | PCB-1254 | 0.50 | U | 0.50 | 0.17 |
| 11096-82-5 | PCB-1260 | 0.50 | U | 0.50 | 0.15 |

| CAS NO. | SURROGATE | %REC | Q | LIMITS |
|---|---|---|---|---|
| 2051-24-3 | DCB Decachlorobiphenyl | | | |

Data File: or173400.d
Report Date: 08-Jun-2011 17:38

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC7.i/8082/rear/Jun11/06-08-11/08jun11c.b/or173400.d
Lab Smp Id: SGPIBLK_00007A
Inj Date : 08-JUN-2011 13:11
Operator : 462 Inst ID: PESTGC7.i
Smp Info : SGPIBLK_00007A
Misc Info :
Comment :
Method : /chem1/PESTGC7.i/8082/rear/Jun11/06-08-11/08jun11c.b/08Or8082.m
Meth Date : 08-Jun-2011 17:33 Ex. 4 CBI Quant Type: ESTD
Cal Date : 02-JUN-2011 01:46 Cal File: or173251.d
Als bottle: 25
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: AllPCB.sub
Target Version: 3.50 Sample Matrix: SOIL
Processing Host: hpd3

Concentration Formula: Amt * DF * Vt/(Ws*(100-M)/100) * CpndVariable

| Name | Value | Description |
|---|---|---|
| DF | 1.00000 | Dilution Factor |
| Vt | 10.00000 | Volume of final extract (mL) |
| Ws | 15.00000 | Weight of sample extracted (g) |
| M | 0.00000 | % Moisture |

Cpnd Variable Local Compound Variable

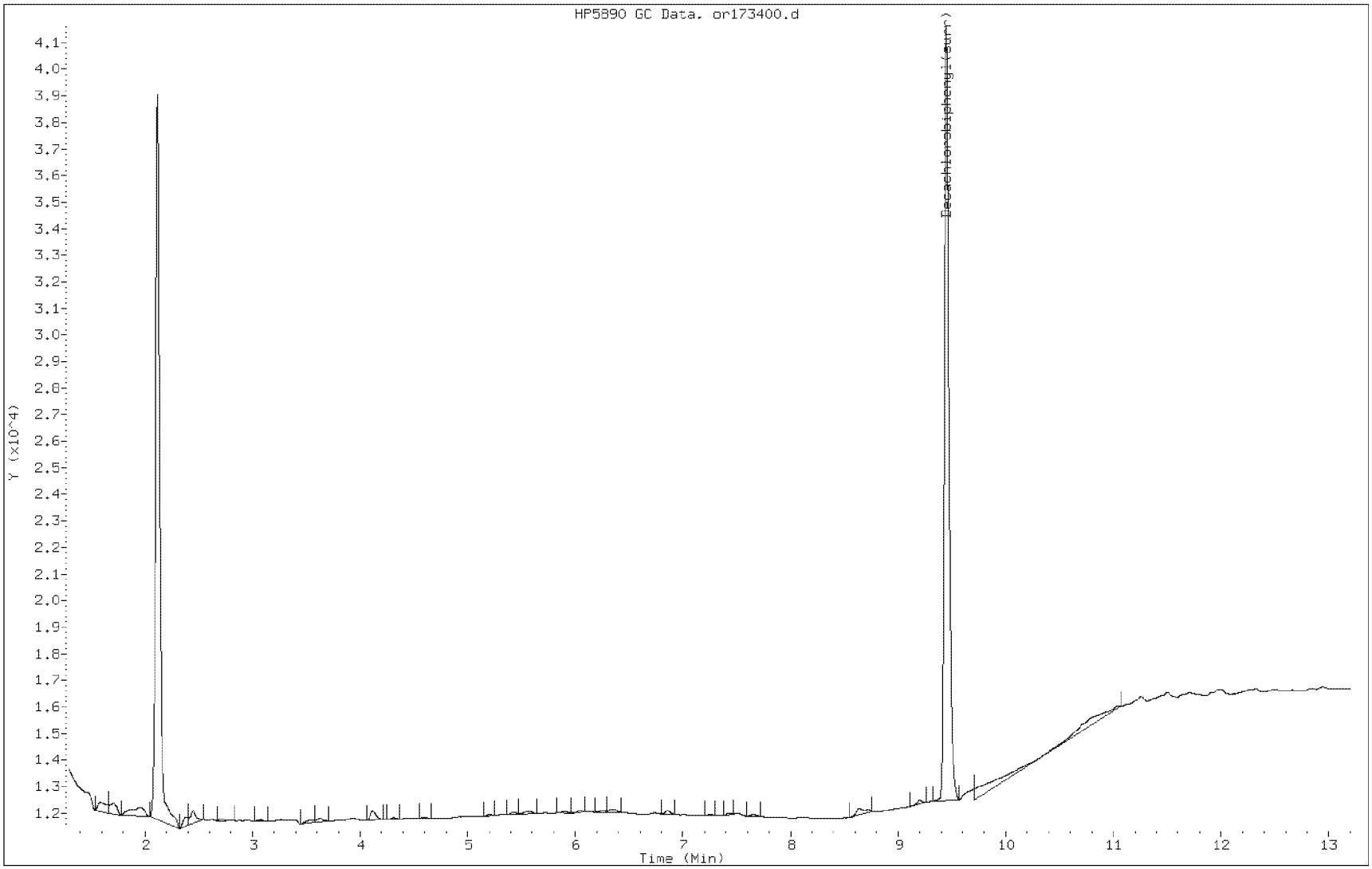
| RT | EXP RT | DLT RT | RESPONSE | CONCENTRATIONS ON-COL ( ug/L) | FINAL (ug/kg) | TARGET RANGE | RATIO |
|---|---|---|---|---|---|---|---|
| $ 30 Decachlorobiphenyl(surr) | | | | | CAS #: 2051-24-3 | | |
| 9.448 | 9.445 | 0.003 | 85751 | 27.2476 | 18 | 80.00- 120.00 | 100.00 |

Data File: or173400.d

Date: 08-JUN-2011 13:11

Client ID: Instrument: PESTGC7.i

Sample Info: SGPIBLK_00007A Operator: 462



FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-27128-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCS 460-75841/2-A

Matrix: Solid | Lab File ID: of173403.d

Analysis Method: 8082 | Date Collected:

Extraction Method: 3541 | Date Extracted: 06/07/2011 06:04

Sample wt/vol: 15.00(g) | Date Analyzed: 06/08/2011 14:00

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: | GC Column: CLP-2 ID: 0.53(mm)

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 76069 | Units: ug/Kg

| CAS NO. | COMPOUND NAME | RESULT | Q | RL | MDL |
|---|---|---|---|---|---|
| 12674-11-2 | PCB-1016 | 399 | | 67 | 13 |
| 11104-28-2 | PCB-1221 | 67 | U | 67 | 20 |
| 11141-16-5 | PCB-1232 | 67 | U | 67 | 38 |
| 53469-21-9 | PCB-1242 | 67 | U | 67 | 13 |
| 12672-29-6 | PCB-1248 | 67 | U | 67 | 18 |
| 11097-69-1 | PCB-1254 | 67 | U | 67 | 23 |
| 11096-82-5 | PCB-1260 | 373 | | 67 | 7.5 |

| CAS NO. | SURROGATE | %REC | Q | LIMITS |
|---|---|---|---|---|
| 2051-24-3 | DCB Decachlorobiphenyl | 110 | | 30-150 |

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC7.i/8082/front/Jun11/06-08-11/08jun11c.b/of173403.d
Lab Smp Id: lcs 460-75841/2-a
Inj Date : 08-JUN-2011 14:00
Operator : 462 Inst ID: PESTGC7.i
Smp Info : lcs 460-75841/2-a
Misc Info :
Comment :
Method : /chem1/PESTGC7.i/8082/front/Jun11/06-08-11/08jun11c.b/08Of8082.m
Meth Date : 08-Jun-2011 17:33 Ex. 4 CBI Quant Type: ESTD
Cal Date : 02-JUN-2011 01:46 Cal File: of173251.d
Als bottle: 30 QC Sample: LCS
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: AllPCB.sub
Target Version: 3.50 Sample Matrix: SOIL
Processing Host: hpd3

Concentration Formula: Amt * DF * Vt/(Ws*(100-M)/100) * CpndVariable

| Name | Value | Description |
|---|---|---|
| DF | 1.00000 | Dilution Factor |
| Vt | 10.00000 | Volume of final extract (mL) |
| Ws | 15.00000 | Weight of sample extracted (g) |
| M | 0.00000 | % Moisture |

Cpnd Variable Local Compound Variable

| RT | EXP RT | DLT RT | RESPONSE | CONCENTRATIONS ON-COL ( ug/L) | FINAL (ug/kg) | TARGET RANGE | RATIO |
|---|---|---|---|---|---|---|---|
| 21 Aroclor-1016 | | | | | CAS #: 12674-11-2 | | |
| 2.998 | 2.998 | 0.000 | 55576 | 624.575 | | 80.00- 120.00 | 100.00(aRM) |
| 3.455 | 3.453 | 0.002 | 116791 | 605.981 | | 163.90- 245.85 | 210.15 |
| 3.732 | 3.730 | 0.002 | 55050 | 587.075 | | 82.03- 123.05 | 99.05 |
| 3.987 | 3.987 | 0.000 | 210987 | 602.664 | | 306.83- 460.25 | 379.64 |
| 4.152 | 4.152 | 0.000 | 95793 | 616.161 | | 135.99- 203.98 | 172.36 |
| 4.397 | 4.395 | 0.002 | 48305 | 589.975 | | 70.75- 106.12 | 86.92 |
| 4.727 | 4.727 | 0.000 | 62813 | 569.573 | | 95.66- 143.49 | 113.02 |
| 4.883 | 4.882 | 0.001 | 72129 | 589.784 | | 103.75- 155.63 | 129.78 |
| 27 Aroclor-1260 | | | | | CAS #: 11096-82-5 | | |
| 6.380 | 6.380 | 0.000 | 140662 | 557.470 | | 80.00- 120.00 | 100.00(aRM) |
| 6.715 | 6.713 | 0.002 | 157612 | 557.018 | | 90.01- 135.01 | 112.05 |

| RT | EXP RT | DLT RT | RESPONSE | CONCENTRATIONS ON-COL ( ug/L) | FINAL (ug/kg) | TARGET RANGE | RATIO |
|---|---|---|---|---|---|---|---|
| 27 Aroclor-1260 (continued) | | | | | | | |
| 7.348 | 7.347 | 0.001 | 230013 | 556.525 | | 134.75- 202.13 | 163.52 |
| 7.540 | 7.540 | 0.000 | 109778 | 560.688 | | 62.94- 94.40 | 78.04 |
| 7.653 | 7.652 | 0.001 | 63134 | 544.398 | | 36.80- 55.21 | 44.88 |
| 8.190 | 8.190 | 0.000 | 127091 | 585.012 | | 75.24- 112.86 | 90.35 |
| 9.368 | 9.368 | 0.000 | 161962 | 562.207 | | 93.41- 140.11 | 115.14 |
| 10.037 | 10.035 | 0.002 | 54462 | 550.049 | | 32.20- 48.29 | 38.72 |
| $ 30 Decachlorobiphenyl(surr) | | | | | CAS #: 2051-24-3 | | |
| 10.550 | 10.550 | 0.000 | 164216 | 54.9795 | | 80.00- 120.00 | 100.00(aR) |

QC Flag Legend

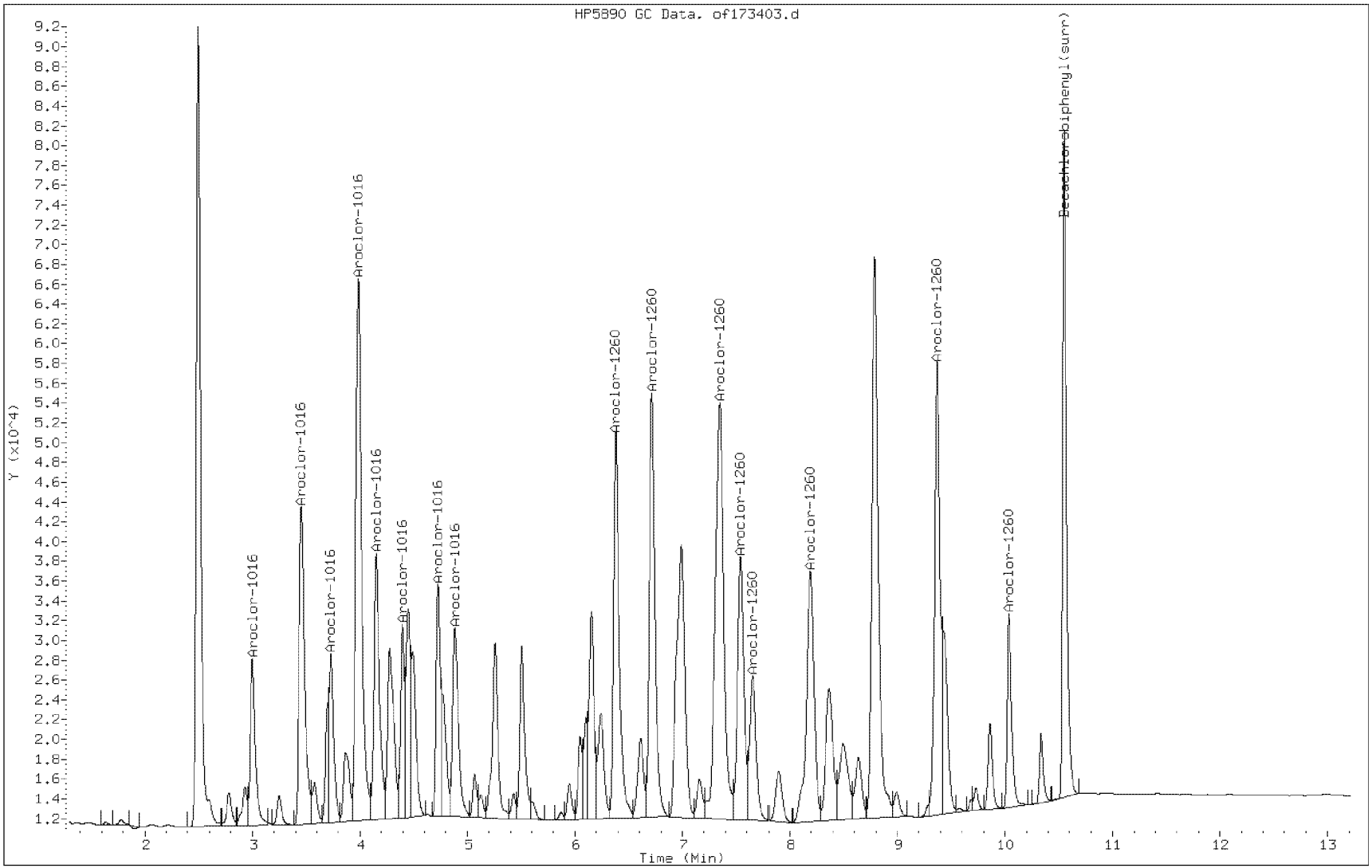
a - Target compound detected but, quantitated amount
    Below Limit Of Quantitation(BLOQ).
R - Spike/Surrogate failed recovery limits.
M - Compound response manually integrated.

Data File: of173403.d

Date: 08-JUN-2011 14:00

Client ID: Instrument: PESTGC7.i

Sample Info: lcs 460-75841/2-a Operator: 462



Manual Integration Report

Data File: of173403.d
Inj. Date and Time: 08-JUN-2011 14:00
Instrument ID: PESTGC7.i
Client ID:
Compound: 21 Aroclor-1016
CAS #: 12674-11-2
Report Date: 06/08/2011

Processing Integration Results

Not Detected

Expected RT: 3.00

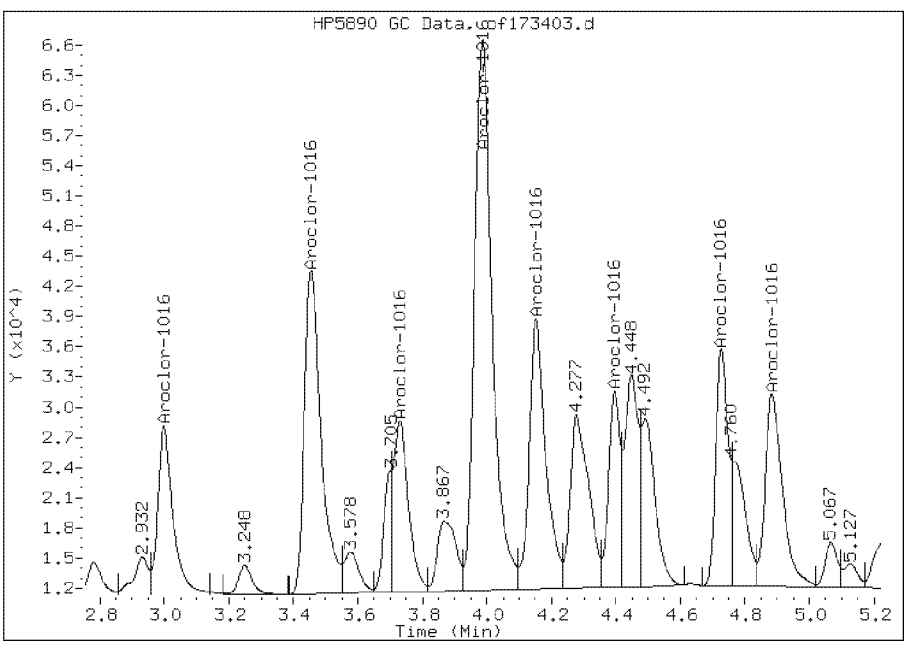
Manual Integration Results

RT: 3.00

Response: 55576

Amount: 598.22

Conc: 0.00




Manually Integrated By: Ex. 4 CBI
Manual Integration Reason: Baseline Event

Manual Integration Report

Data File: of173403.d
Inj. Date and Time: 08-JUN-2011 14:00
Instrument ID: PESTGC7.i
Client ID:
Compound: 27 Aroclor-1260
CAS #: 11096-82-5
Report Date: 06/08/2011

Processing Integration Results

Not Detected

Expected RT: 6.38

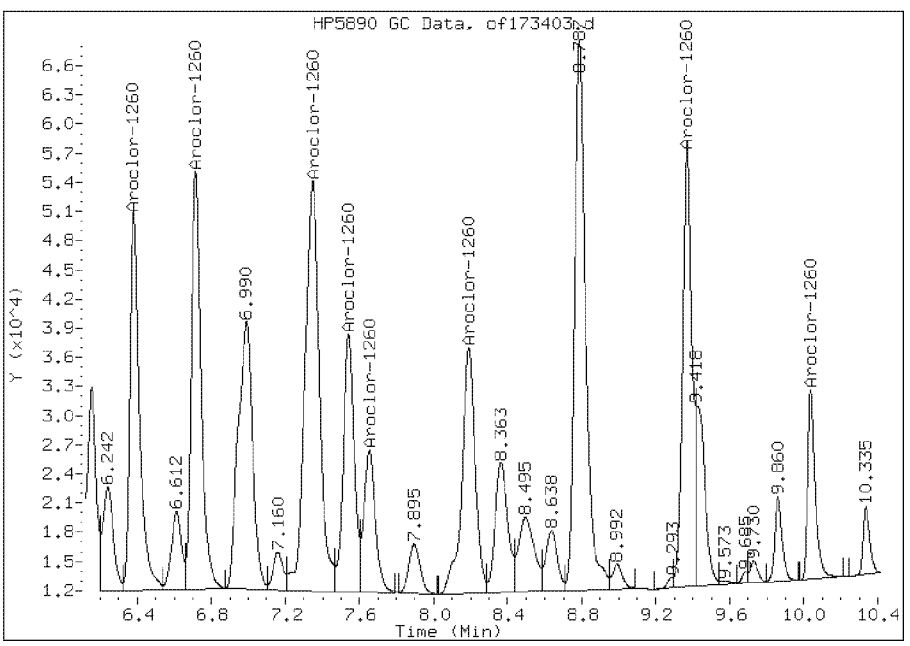
Manual Integration Results

RT: 6.38

Response: 140662

Amount: 559.17

Conc: 0.00




Manually Integrated By: Ex. 4 CBI
Manual Integration Reason: Baseline Event

FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-27128-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCS 460-75841/2-A

Matrix: Solid | Lab File ID: or173403.d

Analysis Method: 8082 | Date Collected:

Extraction Method: 3541 | Date Extracted: 06/07/2011 06:04

Sample wt/vol: 15.00(g) | Date Analyzed: 06/08/2011 14:00

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: | GC Column: CLP-1 ID: 0.53(mm)

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 76069 | Units: ug/Kg

| CAS NO. | COMPOUND NAME | RESULT | Q | RL | MDL |
|---|---|---|---|---|---|
| 12674-11-2 | PCB-1016 | 416 | | 67 | 13 |
| 11104-28-2 | PCB-1221 | 67 | U | 67 | 20 |
| 11141-16-5 | PCB-1232 | 67 | U | 67 | 38 |
| 53469-21-9 | PCB-1242 | 67 | U | 67 | 13 |
| 12672-29-6 | PCB-1248 | 67 | U | 67 | 18 |
| 11097-69-1 | PCB-1254 | 67 | U | 67 | 23 |
| 11096-82-5 | PCB-1260 | 381 | | 67 | 7.5 |

| CAS NO. | SURROGATE | %REC | Q | LIMITS |
|---|---|---|---|---|
| 2051-24-3 | DCB Decachlorobiphenyl | 111 | | 30-150 |

Data File: or173403.d
Report Date: 08-Jun-2011 17:38

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC7.i/8082/rear/Jun11/06-08-11/08jun11c.b/or173403.d
Lab Smp Id: lcs 460-75841/2-a
Inj Date : 08-JUN-2011 14:00
Operator : 462 Inst ID: PESTGC7.i
Smp Info : lcs 460-75841/2-a
Misc Info :
Comment :
Method : /chem1/PESTGC7.i/8082/rear/Jun11/06-08-11/08jun11c.b/08Or8082.m
Meth Date : 08-Jun-2011 17:33 Ex. 4 CBI Quant Type: ESTD
Cal Date : 02-JUN-2011 01:46 Cal File: or173251.d
Als bottle: 30 QC Sample: LCS
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: AllPCB.sub
Target Version: 3.50 Sample Matrix: SOIL
Processing Host: hpd3

Concentration Formula: Amt * DF * Vt/(Ws*(100-M)/100) * CpndVariable

| Name | Value | Description |
|---|---|---|
| DF | 1.00000 | Dilution Factor |
| Vt | 10.00000 | Volume of final extract (mL) |
| Ws | 15.00000 | Weight of sample extracted (g) |
| M | 0.00000 | % Moisture |

Cpnd Variable Local Compound Variable

| RT | EXP RT | DLT RT | RESPONSE | CONCENTRATIONS ON-COL ( ug/L) | FINAL (ug/kg) | TARGET RANGE | RATIO |
|---|---|---|---|---|---|---|---|
| 21 Aroclor-1016 | | | | | CAS #: 12674-11-2 | | |
| 2.417 | 2.415 | 0.002 | 51152 | 613.450 | 410 | 80.00- 120.00 | 100.00(M) |
| 2.743 | 2.742 | 0.001 | 88367 | 621.790 | 410 | 132.39- 198.58 | 172.75 |
| 2.937 | 2.935 | 0.002 | 62939 | 633.837 | 420 | 93.64- 140.46 | 123.04 |
| 3.200 | 3.200 | 0.000 | 178951 | 623.758 | 420 | 278.52- 417.78 | 349.84 |
| 3.345 | 3.345 | 0.000 | 71699 | 629.314 | 420 | 109.57- 164.35 | 140.17 |
| 3.407 | 3.407 | 0.000 | 48561 | 630.536 | 420 | 76.25- 114.37 | 94.93 |
| 3.557 | 3.557 | 0.000 | 86002 | 607.091 | 400 | 121.96- 182.94 | 168.13 |
| 3.785 | 3.783 | 0.002 | 74575 | 634.843 | 420 | 113.03- 169.54 | 145.79 |
| Average of Peak Concentrations = | | | | | 420 | | |
| 27 Aroclor-1260 | | | | | CAS #: 11096-82-5 | | |
| 5.202 | 5.200 | 0.002 | 103879 | 585.351 | 390 | 80.00- 120.00 | 100.00(M) |

Data File: or173403.d
Report Date: 08-Jun-2011 17:38

| RT | EXP RT | DLT RT | RESPONSE | CONCENTRATIONS ON-COL ( ug/L) | FINAL (ug/kg) | TARGET RANGE | RATIO |
|---|---|---|---|---|---|---|---|
| 27 Aroclor-1260 (continued) | | | | | | | |
| 5.545 | 5.543 | 0.002 | 184667 | 586.697 | 390 | 141.42- 212.13 | 177.77 |
| 5.890 | 5.888 | 0.002 | 171683 | 583.160 | 390 | 136.05- 204.08 | 165.27 |
| 6.037 | 6.035 | 0.002 | 82758 | 570.548 | 380 | 61.58- 92.37 | 79.67 |
| 6.370 | 6.368 | 0.002 | 89543 | 569.488 | 380 | 68.90- 103.34 | 86.20 |
| 7.352 | 7.348 | 0.004 | 106873 | 568.206 | 380 | 86.69- 130.04 | 102.88 |
| 7.513 | 7.512 | 0.001 | 57348 | 568.731 | 380 | 46.13- 69.19 | 55.21 |
| 8.722 | 8.718 | 0.004 | 51213 | 538.457 | 360 | 45.01- 67.51 | 49.30 |
| Average of Peak Concentrations = | | | | | 380 | | |
| $ 30 Decachlorobiphenyl(surr) | | | | | CAS #: 2051-24-3 | | |
| 9.447 | 9.445 | 0.002 | 174766 | 55.5324 | 37 | 80.00- 120.00 | 100.00 |

QC Flag Legend

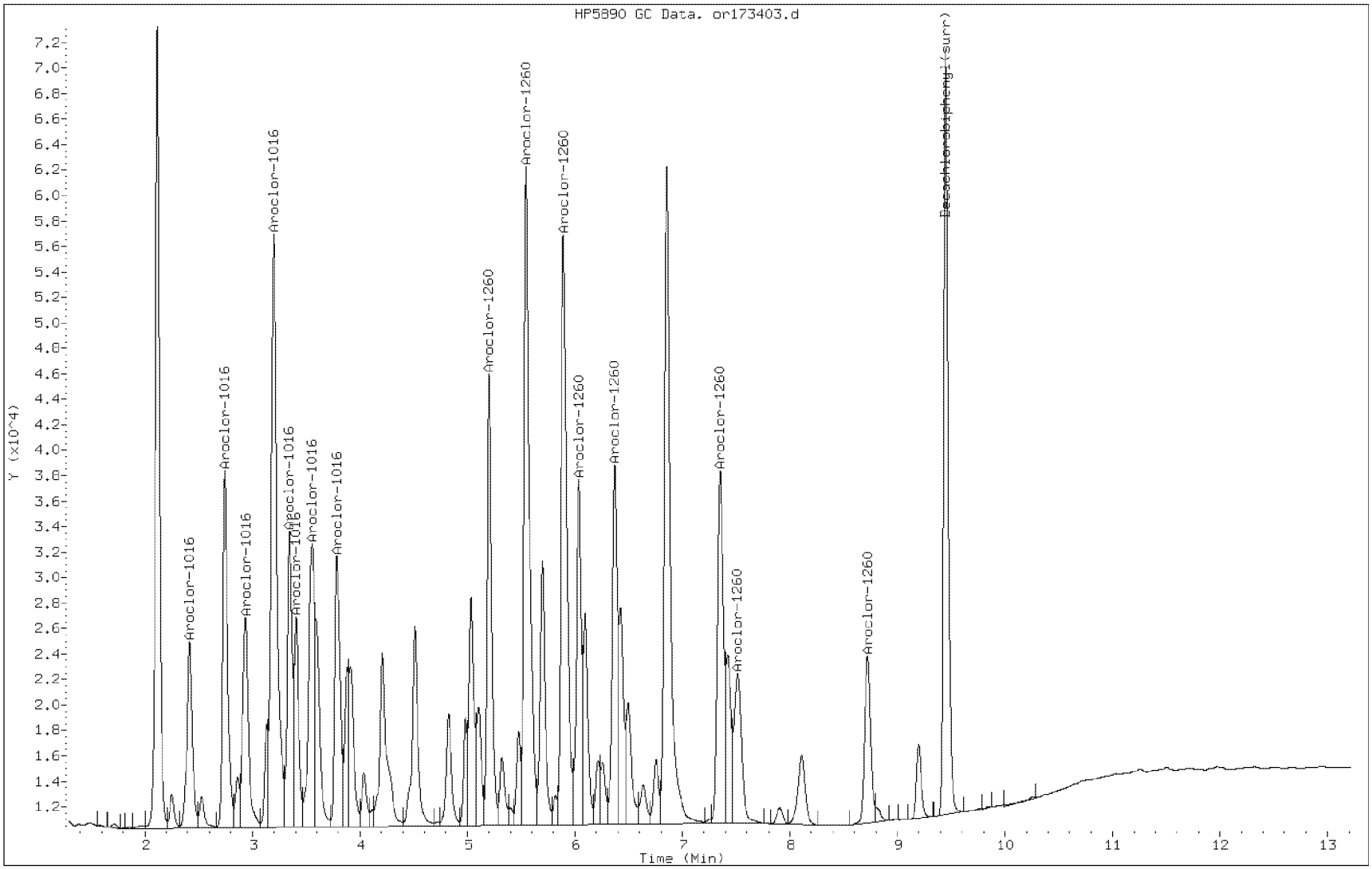
M - Compound response manually integrated.

Data File: or173403.d

Date: 08-JUN-2011 14:00

Client ID: Instrument: PESTGC7.i

Sample Info: lcs 460-75841/2-a Operator: 462



Manual Integration Report

Data File: or173403.d
Inj. Date and Time: 08-JUN-2011 14:00
Instrument ID: PESTGC7.i
Client ID:
Compound: 21 Aroclor-1016
CAS #: 12674-11-2
Report Date: 06/08/2011

Processing Integration Results

Not Detected

Expected RT: 2.42

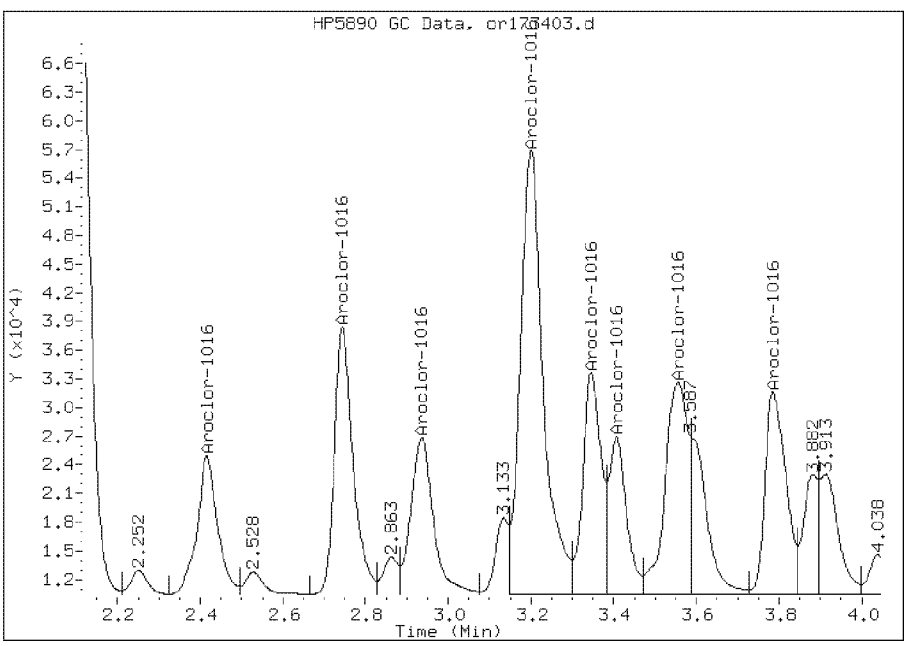
Manual Integration Results

RT: 2.42

Response: 51152

Amount: 624.33

Conc: 420.00




Manually Integrated By: Ex. 4 CBI
Manual Integration Reason: Baseline Event

Manual Integration Report

Data File: or173403.d
Inj. Date and Time: 08-JUN-2011 14:00
Instrument ID: PESTGC7.i
Client ID:
Compound: 27 Aroclor-1260
CAS #: 11096-82-5
Report Date: 06/08/2011

Processing Integration Results

Not Detected

Expected RT: 5.20

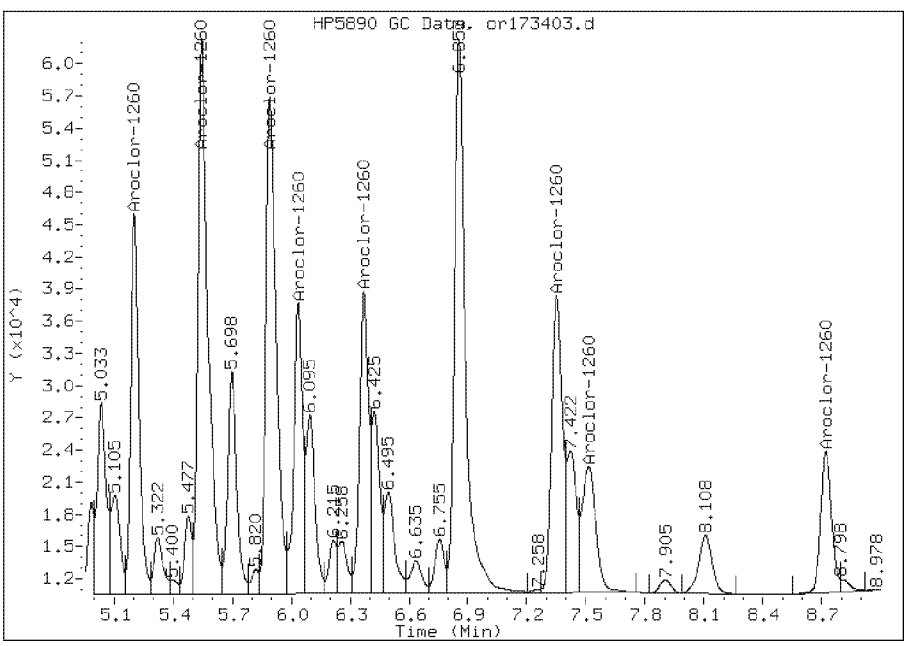
Manual Integration Results

RT: 5.20

Response: 103879

Amount: 571.33

Conc: 380.00




Manually Integrated By: Ex. 4 CBI
Manual Integration Reason: Baseline Event

FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-27128-1

SDG No.:

Client Sample ID: | Lab Sample ID: 460-27126-A-1-D MS

Matrix: Solid | Lab File ID: of173404.d

Analysis Method: 8082 | Date Collected: 05/24/2011 09:25

Extraction Method: 3541 | Date Extracted: 06/07/2011 06:04

Sample wt/vol: 15.00(g) | Date Analyzed: 06/08/2011 14:28

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: | GC Column: CLP-2 ID: 0.53(mm)

% Moisture: 8.4 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 76069 | Units: ug/Kg

| CAS NO. | COMPOUND NAME | RESULT | Q | RL | MDL |
|---|---|---|---|---|---|
| *12674-11-2* | *PCB-1016* | *432* | | *73* | *14* |
| *11104-28-2* | *PCB-1221* | *73* | *U* | *73* | *22* |
| *11141-16-5* | *PCB-1232* | *73* | *U* | *73* | *41* |
| *53469-21-9* | *PCB-1242* | *73* | *U* | *73* | *14* |
| *12672-29-6* | *PCB-1248* | *73* | *U* | *73* | *19* |
| *11097-69-1* | *PCB-1254* | *73* | *U* | *73* | *25* |
| 11096-82-5 | PCB-1260 | 432 | | 73 | 8.2 |

| CAS NO. | SURROGATE | %REC | Q | LIMITS |
|---|---|---|---|---|
| 2051-24-3 | DCB Decachlorobiphenyl | 116 | | 30-150 |

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC7.i/8082/front/Jun11/06-08-11/08jun11c.b/of173404.d
Lab Smp Id: 460-27126-a-1-d ms
Inj Date : 08-JUN-2011 14:28
Operator : 462 Inst ID: PESTGC7.i
Smp Info : 460-27126-a-1-d ms
Misc Info :
Comment :
Method : /chem1/PESTGC7.i/8082/front/Jun11/06-08-11/08jun11c.b/08Of8082.m
Meth Date : 08-Jun-2011 17:33 Ex. 4 CBI Quant Type: ESTD
Cal Date : 02-JUN-2011 01:46 Cal File: of173251.d
Als bottle: 31 QC Sample: MS
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: AllPCB.sub
Target Version: 3.50 Sample Matrix: SOIL
Processing Host: hpd3

Concentration Formula: Amt * DF * Vt/(Ws*(100-M)/100) * CpndVariable

| Name | Value | Description |
|---|---|---|
| DF | 1.00000 | Dilution Factor |
| Vt | 10.00000 | Volume of final extract (mL) |
| Ws | 15.00000 | Weight of sample extracted (g) |
| M | 0.00000 | % Moisture |

Cpnd Variable Local Compound Variable

| RT | EXP RT | DLT RT | RESPONSE | CONCENTRATIONS ON-COL ( ug/L) | FINAL (ug/kg) | TARGET RANGE | RATIO |
|---|---|---|---|---|---|---|---|
| 21 Aroclor-1016 | | | | | CAS #: 12674-11-2 | | |
| 3.013 | 2.998 | 0.015 | 55539 | 624.159 | | 80.00- 120.00 | 100.00(aRM) |
| 3.470 | 3.453 | 0.017 | 121880 | 632.386 | | 163.90- 245.85 | 219.45 |
| 3.720 | 3.730 | -0.010 | 21818 | 232.676 | | 82.03- 123.05 | 39.28 |
| 4.002 | 3.987 | 0.015 | 225462 | 644.011 | | 306.83- 460.25 | 405.95 |
| 4.167 | 4.152 | 0.015 | 102325 | 658.177 | | 135.99- 203.98 | 184.24 |
| 4.412 | 4.395 | 0.017 | 53494 | 653.351 | | 70.75- 106.12 | 96.32 |
| 4.742 | 4.727 | 0.015 | 70922 | 643.104 | | 95.66- 143.49 | 127.70 |
| 4.898 | 4.882 | 0.016 | 80931 | 661.756 | | 103.75- 155.63 | 145.72 |
| 27 Aroclor-1260 | | | | | CAS #: 11096-82-5 | | |
| 6.395 | 6.380 | 0.015 | 149908 | 594.114 | | 80.00- 120.00 | 100.00(aRM) |
| 6.730 | 6.713 | 0.017 | 169784 | 600.035 | | 90.01- 135.01 | 113.26 |

| RT | EXP RT | DLT RT | RESPONSE | CONCENTRATIONS ON-COL ( ug/L) | FINAL (ug/kg) | TARGET RANGE | RATIO |
|---|---|---|---|---|---|---|---|
| 27 Aroclor-1260 (continued) | | | | | | | |
| 7.363 | 7.347 | 0.016 | 245548 | 594.113 | | 134.75- 202.13 | 163.80 |
| 7.558 | 7.540 | 0.018 | 116193 | 593.453 | | 62.94- 94.40 | 77.51 |
| 7.670 | 7.652 | 0.018 | 68260 | 588.599 | | 36.80- 55.21 | 45.53 |
| 8.208 | 8.190 | 0.018 | 134230 | 617.874 | | 75.24- 112.86 | 89.54 |
| 9.378 | 9.368 | 0.010 | 170874 | 593.143 | | 93.41- 140.11 | 113.99 |
| 10.042 | 10.035 | 0.007 | 55895 | 564.522 | | 32.20- 48.29 | 37.29 |
| $ 30 Decachlorobiphenyl(surr) | | | | | CAS #: 2051-24-3 | | |
| 10.557 | 10.550 | 0.007 | 172998 | 57.9197 | | 80.00- 120.00 | 100.00(aR) |

QC Flag Legend

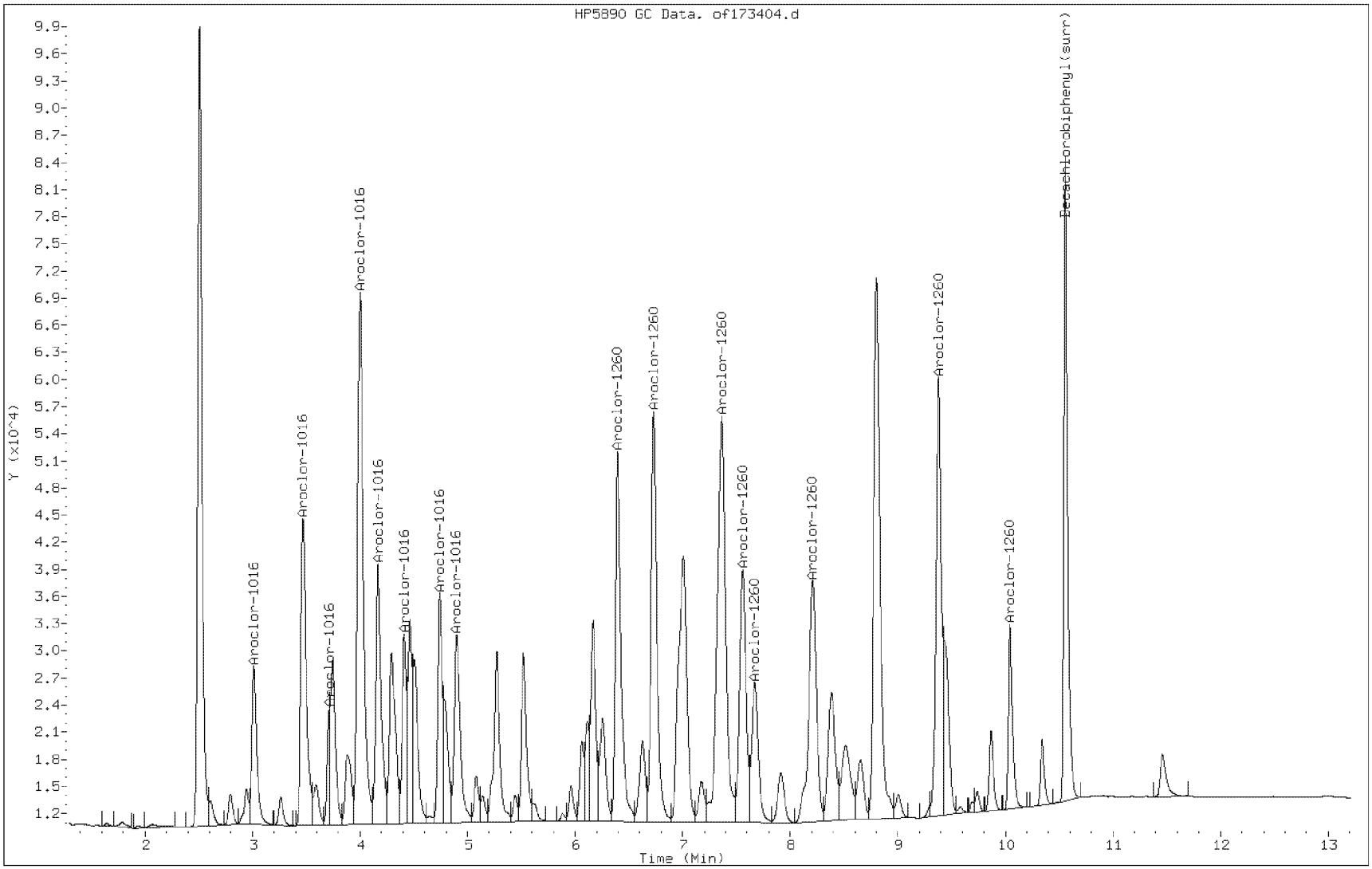
a - Target compound detected but, quantitated amount
    Below Limit Of Quantitation(BLOQ).
R - Spike/Surrogate failed recovery limits.
M - Compound response manually integrated.

Data File: of173404.d

Date: 08-JUN-2011 14:28

Client ID: Instrument: PESTGC7.i

Sample Info: 460-27126-a-1-d ms Operator: 462



Manual Integration Report

Data File: of173404.d
Inj. Date and Time: 08-JUN-2011 14:28
Instrument ID: PESTGC7.i
Client ID:
Compound: 21 Aroclor-1016
CAS #: 12674-11-2
Report Date: 06/08/2011

Processing Integration Results

Not Detected

Expected RT: 3.00

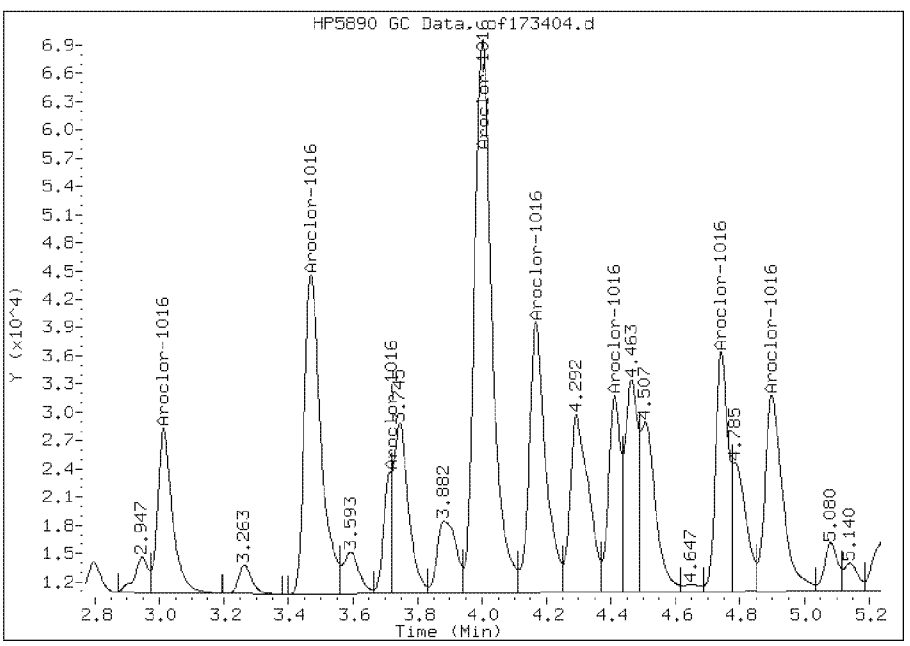
Manual Integration Results

RT: 3.01

Response: 55539

Amount: 593.70

Conc: 0.00




Manually Integrated By: Ex. 4 CBI
Manual Integration Reason: Baseline Event

Manual Integration Report

Data File: of173404.d
Inj. Date and Time: 08-JUN-2011 14:28
Instrument ID: PESTGC7.i
Client ID:
Compound: 27 Aroclor-1260
CAS #: 11096-82-5
Report Date: 06/08/2011

Processing Integration Results

Not Detected

Expected RT: 6.38

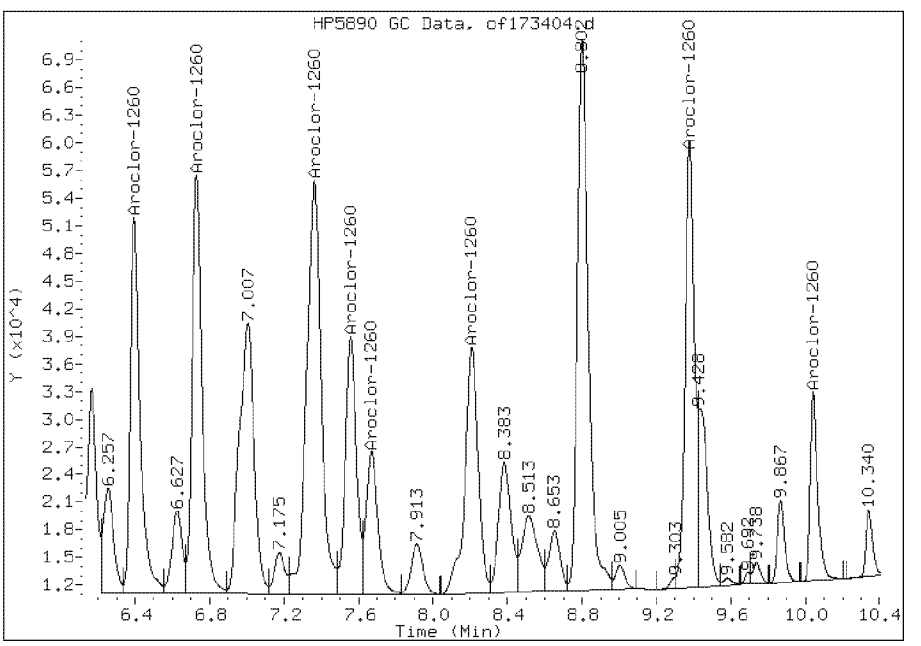
Manual Integration Results

RT: 6.39

Response: 149908

Amount: 593.23

Conc: 0.00




Manually Integrated By: Ex. 4 CBI
Manual Integration Reason: Baseline Event

FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-27128-1

SDG No.:

Client Sample ID: | Lab Sample ID: 460-27126-A-1-D MS

Matrix: Solid | Lab File ID: or173404.d

Analysis Method: 8082 | Date Collected: 05/24/2011 09:25

Extraction Method: 3541 | Date Extracted: 06/07/2011 06:04

Sample wt/vol: 15.00(g) | Date Analyzed: 06/08/2011 14:28

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: | GC Column: CLP-1 ID: 0.53(mm)

% Moisture: 8.4 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 76069 | Units: ug/Kg

| CAS NO. | COMPOUND NAME | RESULT | Q | RL | MDL |
|---|---|---|---|---|---|
| 12674-11-2 | PCB-1016 | 458 | | 73 | 14 |
| 11104-28-2 | PCB-1221 | 73 | U | 73 | 22 |
| 11141-16-5 | PCB-1232 | 73 | U | 73 | 41 |
| 53469-21-9 | PCB-1242 | 73 | U | 73 | 14 |
| 12672-29-6 | PCB-1248 | 73 | U | 73 | 19 |
| 11097-69-1 | PCB-1254 | 73 | U | 73 | 25 |
| *11096-82-5* | *PCB-1260* | *429* | | *73* | *8.2* |

| CAS NO. | SURROGATE | %REC | Q | LIMITS |
|---|---|---|---|---|
| 2051-24-3 | DCB Decachlorobiphenyl | 118 | | 30-150 |

Data File: or173404.d
Report Date: 08-Jun-2011 17:38

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC7.i/8082/rear/Jun11/06-08-11/08jun11c.b/or173404.d
Lab Smp Id: 460-27126-a-1-d ms
Inj Date : 08-JUN-2011 14:28
Operator : 462 Inst ID: PESTGC7.i
Smp Info : 460-27126-a-1-d ms
Misc Info :
Comment :
Method : /chem1/PESTGC7.i/8082/rear/Jun11/06-08-11/08jun11c.b/08Or8082.m
Meth Date : 08-Jun-2011 17:33 Ex. 4 CBI Quant Type: ESTD
Cal Date : 02-JUN-2011 01:46 Cal File: or173251.d
Als bottle: 31 QC Sample: MS
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: AllPCB.sub
Target Version: 3.50 Sample Matrix: SOIL
Processing Host: hpd3

Concentration Formula: Amt * DF * Vt/(Ws*(100-M)/100) * CpndVariable

| Name | Value | Description |
|---|---|---|
| DF | 1.00000 | Dilution Factor |
| Vt | 10.00000 | Volume of final extract (mL) |
| Ws | 15.00000 | Weight of sample extracted (g) |
| M | 0.00000 | % Moisture |

Cpnd Variable Local Compound Variable

| RT | EXP RT | DLT RT | RESPONSE | CONCENTRATIONS ON-COL ( ug/L) | FINAL (ug/kg) | TARGET RANGE | RATIO |
|---|---|---|---|---|---|---|---|
| 21 Aroclor-1016 | | | | | CAS #: 12674-11-2 | | |
| 2.418 | 2.415 | 0.003 | 51401 | 616.437 | 410 | 80.00- 120.00 | 100.00(M) |
| 2.745 | 2.742 | 0.003 | 89822 | 632.028 | 420 | 132.39- 198.58 | 174.75 |
| 2.938 | 2.935 | 0.003 | 61622 | 620.574 | 410 | 93.64- 140.46 | 119.88 |
| 3.203 | 3.200 | 0.003 | 184290 | 642.368 | 430 | 278.52- 417.78 | 358.53 |
| 3.347 | 3.345 | 0.002 | 72924 | 640.066 | 430 | 109.57- 164.35 | 141.87 |
| 3.410 | 3.407 | 0.003 | 49676 | 645.013 | 430 | 76.25- 114.37 | 96.64 |
| 3.560 | 3.557 | 0.003 | 85815 | 605.771 | 400 | 121.96- 182.94 | 166.95 |
| 3.787 | 3.783 | 0.004 | 74814 | 636.878 | 420 | 113.03- 169.54 | 145.55 |
| Average of Peak Concentrations = | | | | | 420 | | |
| 27 Aroclor-1260 | | | | | CAS #: 11096-82-5 | | |
| 5.205 | 5.200 | 0.005 | 105743 | 595.854 | 400 | 80.00- 120.00 | 100.00(M) |

Data File: or173404.d
Report Date: 08-Jun-2011 17:38

| RT | EXP RT | DLT RT | RESPONSE | CONCENTRATIONS ON-COL ( ug/L) | FINAL (ug/kg) | TARGET RANGE | RATIO |
|---|---|---|---|---|---|---|---|
| 27 Aroclor-1260 (continued) | | | | | | | |
| 5.547 | 5.543 | 0.004 | 189873 | 603.237 | 400 | 141.42- 212.13 | 179.56 |
| 5.893 | 5.888 | 0.005 | 179157 | 608.548 | 400 | 136.05- 204.08 | 169.43 |
| 6.038 | 6.035 | 0.003 | 86292 | 594.912 | 400 | 61.58- 92.37 | 81.61 |
| 6.373 | 6.368 | 0.005 | 91899 | 584.472 | 390 | 68.90- 103.34 | 86.91 |
| 7.355 | 7.348 | 0.007 | 111536 | 592.997 | 400 | 86.69- 130.04 | 105.48 |
| 7.517 | 7.512 | 0.005 | 56454 | 559.865 | 370 | 46.13- 69.19 | 53.39 |
| 8.723 | 8.718 | 0.005 | 54686 | 574.972 | 380 | 45.01- 67.51 | 51.72 |
| Average of Peak Concentrations = | | | | | 390 | | |
| $ 30 Decachlorobiphenyl(surr) | | | | | CAS #: 2051-24-3 | | |
| 9.448 | 9.445 | 0.003 | 185541 | 58.9562 | 39 | 80.00- 120.00 | 100.00 |

QC Flag Legend

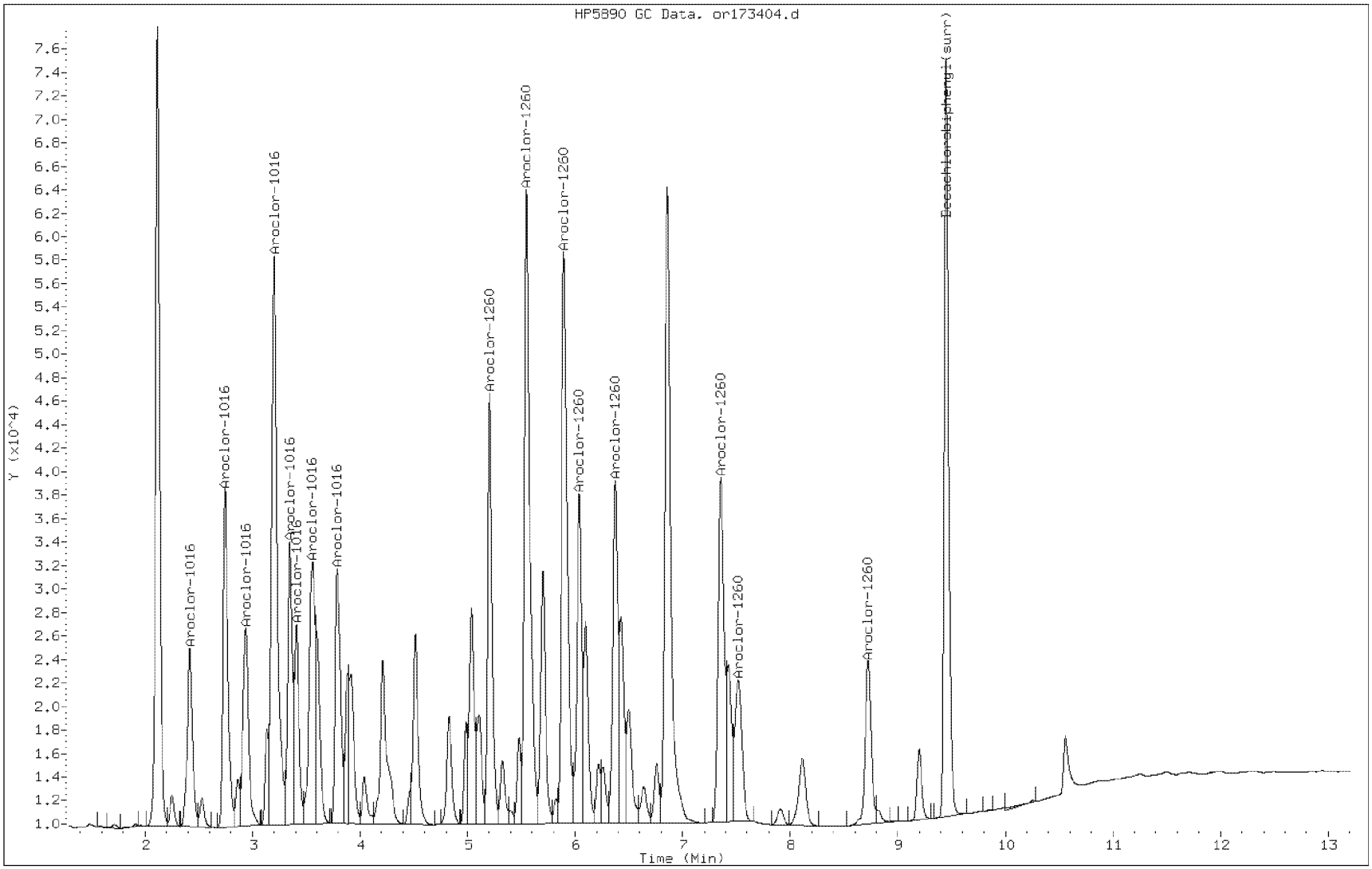
M - Compound response manually integrated.

Data File: or173404.d

Date: 08-JUN-2011 14:28

Client ID: Instrument: PESTGC7.i

Sample Info: 460-27126-a-1-d ms Operator: 462



Manual Integration Report

Data File: or173404.d
Inj. Date and Time: 08-JUN-2011 14:28
Instrument ID: PESTGC7.i
Client ID:
Compound: 21 Aroclor-1016
CAS #: 12674-11-2
Report Date: 06/08/2011

Processing Integration Results

Not Detected

Expected RT: 2.42

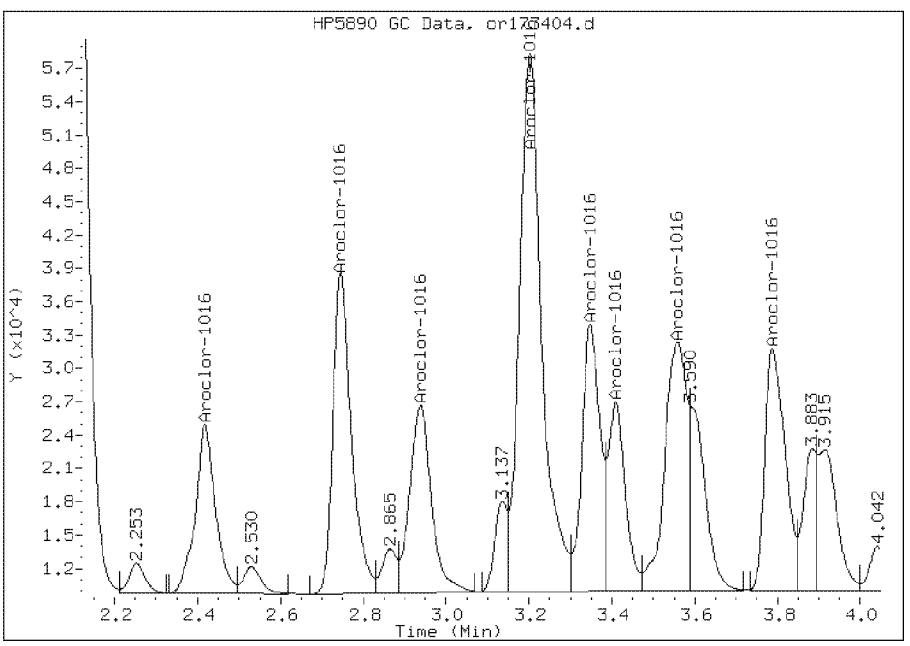
Manual Integration Results

RT: 2.42

Response: 51401

Amount: 629.89

Conc: 420.00




Manually Integrated By: Ex. 4 CBI
Manual Integration Reason: Baseline Event

Manual Integration Report

Data File: or173404.d
Inj. Date and Time: 08-JUN-2011 14:28
Instrument ID: PESTGC7.i
Client ID:
Compound: 27 Aroclor-1260
CAS #: 11096-82-5
Report Date: 06/08/2011

Processing Integration Results

Not Detected

Expected RT: 5.20

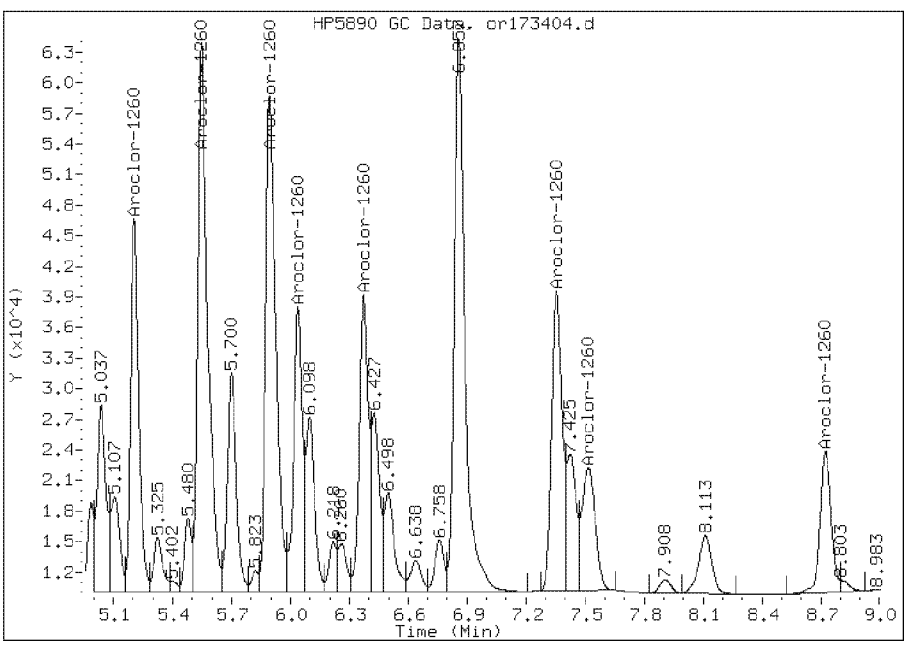
Manual Integration Results

RT: 5.21

Response: 105743

Amount: 589.36

Conc: 390.00




Manually Integrated By: Ex. 4 CBI
Manual Integration Reason: Baseline Event

FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-27128-1

SDG No.:

Client Sample ID: | Lab Sample ID: 460-27126-A-1-E MSD

Matrix: Solid | Lab File ID: of173405.d

Analysis Method: 8082 | Date Collected: 05/24/2011 09:25

Extraction Method: 3541 | Date Extracted: 06/07/2011 06:04

Sample wt/vol: 15.04(g) | Date Analyzed: 06/08/2011 14:43

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: | GC Column: CLP-2 ID: 0.53(mm)

% Moisture: 8.4 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 76069 | Units: ug/Kg

| CAS NO. | COMPOUND NAME | RESULT | Q | RL | MDL |
|---|---|---|---|---|---|
| 12674-11-2 | PCB-1016 | 430 | | 73 | 14 |
| *11104-28-2* | *PCB-1221* | *73* | *U* | *73* | *22* |
| *11141-16-5* | *PCB-1232* | *73* | *U* | *73* | *41* |
| *53469-21-9* | *PCB-1242* | *73* | *U* | *73* | *14* |
| *12672-29-6* | *PCB-1248* | *73* | *U* | *73* | *19* |
| *11097-69-1* | *PCB-1254* | *73* | *U* | *73* | *25* |
| *11096-82-5* | *PCB-1260* | *391* | | *73* | *8.1* |

| CAS NO. | SURROGATE | %REC | Q | LIMITS |
|---|---|---|---|---|
| 2051-24-3 | DCB Decachlorobiphenyl | 107 | | 30-150 |

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC7.i/8082/front/Jun11/06-08-11/08jun11c.b/of173405.d
Lab Smp Id: 460-27126-a-1-e msd
Inj Date : 08-JUN-2011 14:43
Operator : 462 Inst ID: PESTGC7.i
Smp Info : 460-27126-a-1-e msd
Misc Info :
Comment :
Method : /chem1/PESTGC7.i/8082/front/Jun11/06-08-11/08jun11c.b/08Of8082.m
Meth Date : 08-Jun-2011 17:33 Ex. 4 CBI Quant Type: ESTD
Cal Date : 02-JUN-2011 01:46 Cal File: of173251.d
Als bottle: 32 QC Sample: MSD
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: AllPCB.sub
Target Version: 3.50 Sample Matrix: SOIL
Processing Host: hpd3

Concentration Formula: Amt * DF * Vt/(Ws*(100-M)/100) * CpndVariable

| Name | Value | Description |
|---|---|---|
| DF | 1.00000 | Dilution Factor |
| Vt | 10.00000 | Volume of final extract (mL) |
| Ws | 15.00000 | Weight of sample extracted (g) |
| M | 0.00000 | % Moisture |

Cpnd Variable Local Compound Variable

| RT | EXP RT | DLT RT | RESPONSE | CONCENTRATIONS ON-COL ( ug/L) | FINAL (ug/kg) | TARGET RANGE | RATIO |
|---|---|---|---|---|---|---|---|
| 21 Aroclor-1016 | | | | | CAS #: 12674-11-2 | | |
| 2.997 | 2.998 | -0.001 | 49522 | 556.539 | | 80.00- 120.00 | 100.00(aRM) |
| 3.453 | 3.453 | 0.000 | 111252 | 577.241 | | 163.90- 245.85 | 224.65 |
| 3.730 | 3.730 | 0.000 | 71052 | 757.726 | | 82.03- 123.05 | 143.48 |
| 3.985 | 3.987 | -0.002 | 201985 | 576.951 | | 306.83- 460.25 | 407.87 |
| 4.150 | 4.152 | -0.002 | 91375 | 587.744 | | 135.99- 203.98 | 184.51 |
| 4.395 | 4.395 | 0.000 | 46803 | 571.630 | | 70.75- 106.12 | 94.51 |
| 4.727 | 4.727 | 0.000 | 60747 | 550.839 | | 95.66- 143.49 | 122.67 |
| 4.883 | 4.882 | 0.001 | 69214 | 565.949 | | 103.75- 155.63 | 139.76 |
| 27 Aroclor-1260 | | | | | CAS #: 11096-82-5 | | |
| 6.380 | 6.380 | 0.000 | 137529 | 545.053 | | 80.00- 120.00 | 100.00(aRM) |
| 6.715 | 6.713 | 0.002 | 155606 | 549.928 | | 90.01- 135.01 | 113.14 |

| RT | EXP RT | DLT RT | RESPONSE | CONCENTRATIONS ON-COL ( ug/L) | FINAL (ug/kg) | TARGET RANGE | RATIO |
|---|---|---|---|---|---|---|---|
| 27 Aroclor-1260 (continued) | | | | | | | |
| 7.348 | 7.347 | 0.001 | 223856 | 541.628 | | 134.75- 202.13 | 162.77 |
| 7.540 | 7.540 | 0.000 | 106688 | 544.906 | | 62.94- 94.40 | 77.57 |
| 7.653 | 7.652 | 0.001 | 62189 | 536.249 | | 36.80- 55.21 | 45.22 |
| 8.190 | 8.190 | 0.000 | 121814 | 560.722 | | 75.24- 112.86 | 88.57 |
| 9.370 | 9.368 | 0.002 | 146774 | 509.486 | | 93.41- 140.11 | 106.72 |
| 10.037 | 10.035 | 0.002 | 51592 | 521.063 | | 32.20- 48.29 | 37.51 |
| $ 30 Decachlorobiphenyl(surr) | | | | | CAS #: 2051-24-3 | | |
| 10.552 | 10.550 | 0.002 | 160309 | 53.6714 | | 80.00- 120.00 | 100.00(aR) |

QC Flag Legend

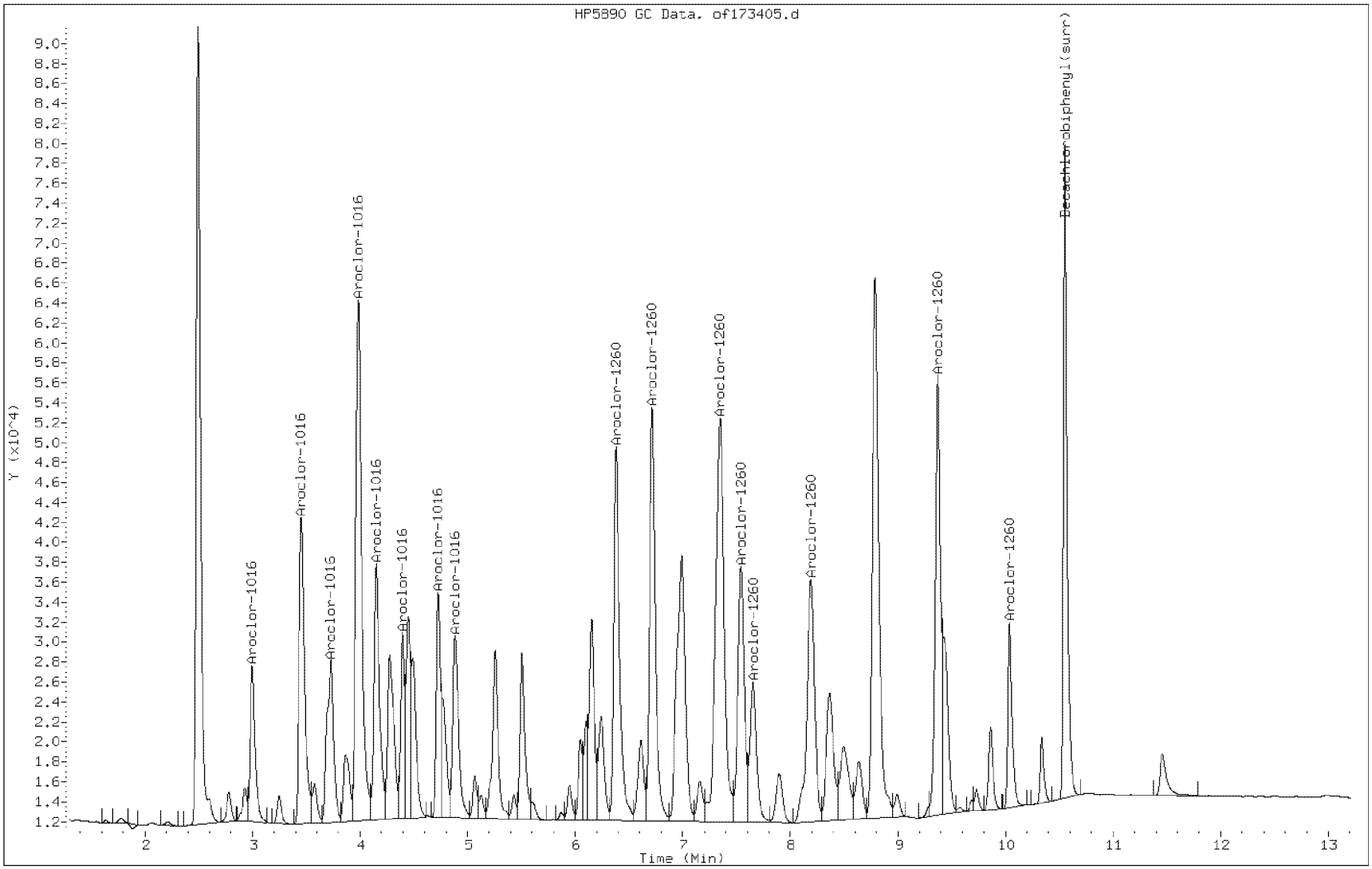
a - Target compound detected but, quantitated amount
    Below Limit Of Quantitation(BLOQ).
R - Spike/Surrogate failed recovery limits.
M - Compound response manually integrated.

Data File: of173405.d

Date: 08-JUN-2011 14:43

Client ID: Instrument: PESTGC7.i

Sample Info: 460-27126-a-1-e msd Operator: 462



Manual Integration Report

Data File: of173405.d
Inj. Date and Time: 08-JUN-2011 14:43
Instrument ID: PESTGC7.i
Client ID:
Compound: 21 Aroclor-1016
CAS #: 12674-11-2
Report Date: 06/08/2011

Processing Integration Results

Not Detected

Expected RT: 3.00

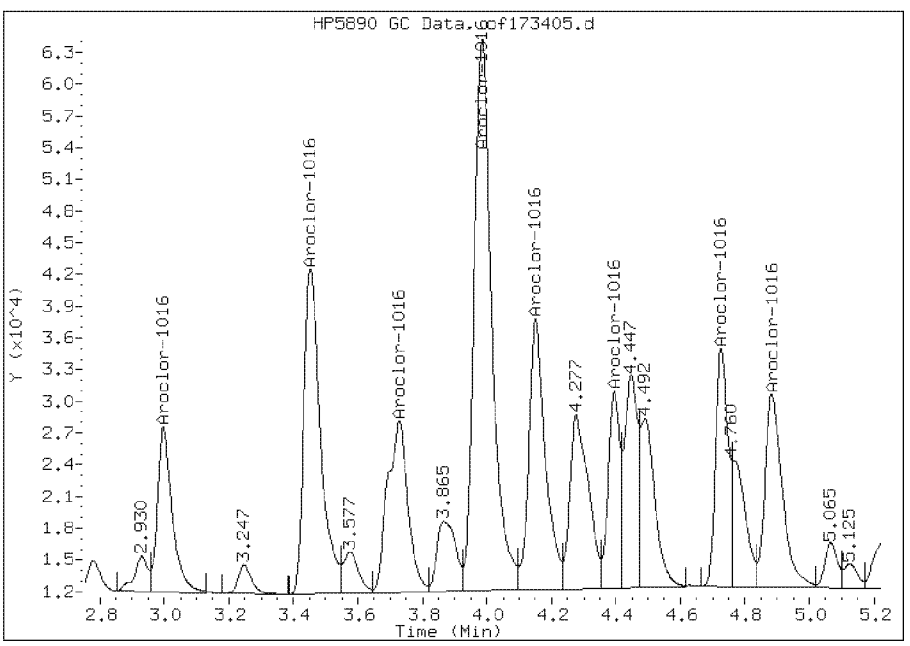
Manual Integration Results

RT: 3.00

Response: 49522

Amount: 593.08

Conc: 0.00




Manually Integrated By: Ex. 4 CBI
Manual Integration Reason: Baseline Event

Manual Integration Report

Data File: of173405.d
Inj. Date and Time: 08-JUN-2011 14:43
Instrument ID: PESTGC7.i
Client ID:
Compound: 27 Aroclor-1260
CAS #: 11096-82-5
Report Date: 06/08/2011

Processing Integration Results

Not Detected

Expected RT: 6.38

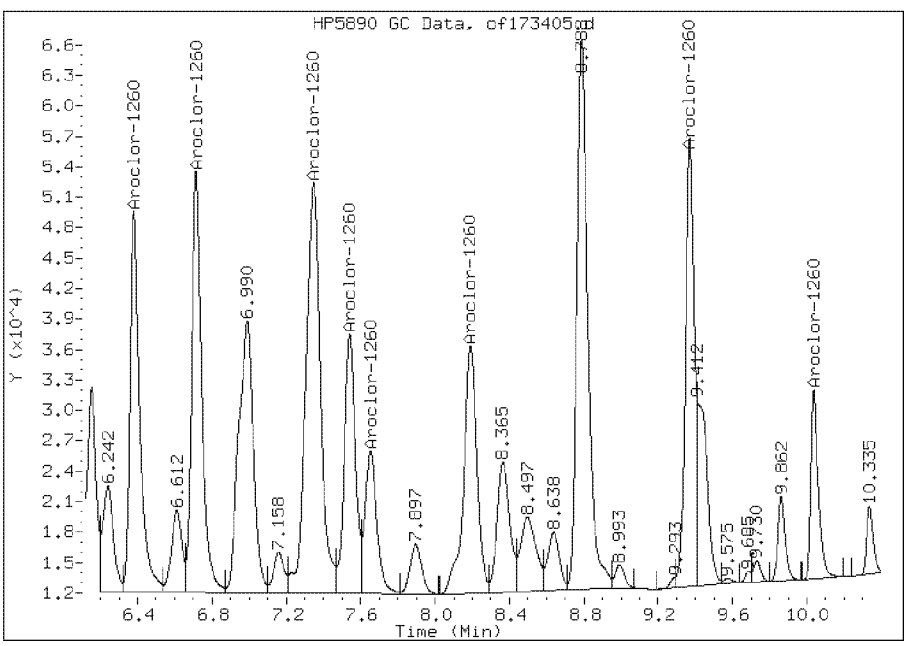
Manual Integration Results

RT: 6.38

Response: 137529

Amount: 538.63

Conc: 0.00




Manually Integrated By: Ex. 4 CBI
Manual Integration Reason: Baseline Event

FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-27128-1

SDG No.:

Client Sample ID: | Lab Sample ID: 460-27126-A-1-E MSD

Matrix: Solid | Lab File ID: or173405.d

Analysis Method: 8082 | Date Collected: 05/24/2011 09:25

Extraction Method: 3541 | Date Extracted: 06/07/2011 06:04

Sample wt/vol: 15.04(g) | Date Analyzed: 06/08/2011 14:43

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: | GC Column: CLP-1 ID: 0.53(mm)

% Moisture: 8.4 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 76069 | Units: ug/Kg

| CAS NO. | COMPOUND NAME | RESULT | Q | RL | MDL |
|---|---|---|---|---|---|
| *12674-11-2* | *PCB-1016* | *420* | | *73* | *14* |
| 11104-28-2 | PCB-1221 | 73 | U | 73 | 22 |
| 11141-16-5 | PCB-1232 | 73 | U | 73 | 41 |
| 53469-21-9 | PCB-1242 | 73 | U | 73 | 14 |
| 12672-29-6 | PCB-1248 | 73 | U | 73 | 19 |
| 11097-69-1 | PCB-1254 | 73 | U | 73 | 25 |
| 11096-82-5 | PCB-1260 | 395 | | 73 | 8.1 |

| CAS NO. | SURROGATE | %REC | Q | LIMITS |
|---|---|---|---|---|
| 2051-24-3 | DCB Decachlorobiphenyl | 108 | | 30-150 |

Data File: or173405.d
Report Date: 08-Jun-2011 17:38

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC7.i/8082/rear/Jun11/06-08-11/08jun11c.b/or173405.d
Lab Smp Id: 460-27126-a-1-e msd
Inj Date : 08-JUN-2011 14:43
Operator : 462 Inst ID: PESTGC7.i
Smp Info : 460-27126-a-1-e msd
Misc Info :
Comment :
Method : /chem1/PESTGC7.i/8082/rear/Jun11/06-08-11/08jun11c.b/08Or8082.m
Meth Date : 08-Jun-2011 17:33 Ex. 4 CBI Quant Type: ESTD
Cal Date : 02-JUN-2011 01:46 Cal File: or173251.d
Als bottle: 32 QC Sample: MSD
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: AllPCB.sub
Target Version: 3.50 Sample Matrix: SOIL
Processing Host: hpd3

Concentration Formula: Amt * DF * Vt/(Ws*(100-M)/100) * CpndVariable

| Name | Value | Description |
|---|---|---|
| DF | 1.00000 | Dilution Factor |
| Vt | 10.00000 | Volume of final extract (mL) |
| Ws | 15.00000 | Weight of sample extracted (g) |
| M | 0.00000 | % Moisture |

Cpnd Variable Local Compound Variable

| RT | EXP RT | DLT RT | RESPONSE | CONCENTRATIONS ON-COL ( ug/L) | FINAL (ug/kg) | TARGET RANGE | RATIO |
|---|---|---|---|---|---|---|---|
| 21 Aroclor-1016 | | | | | CAS #: 12674-11-2 | | |
| 2.418 | 2.415 | 0.003 | 46953 | 563.093 | 380 | 80.00- 120.00 | 100.00(M) |
| 2.745 | 2.742 | 0.003 | 83740 | 589.232 | 390 | 132.39- 198.58 | 178.35 |
| 2.938 | 2.935 | 0.003 | 56711 | 571.117 | 380 | 93.64- 140.46 | 120.78 |
| 3.202 | 3.200 | 0.002 | 168784 | 588.320 | 390 | 278.52- 417.78 | 359.47 |
| 3.347 | 3.345 | 0.002 | 67022 | 588.264 | 390 | 109.57- 164.35 | 142.74 |
| 3.408 | 3.407 | 0.001 | 45193 | 586.804 | 390 | 76.25- 114.37 | 96.25 |
| 3.558 | 3.557 | 0.001 | 79667 | 562.372 | 370 | 121.96- 182.94 | 169.67 |
| 3.785 | 3.783 | 0.002 | 68312 | 581.527 | 390 | 113.03- 169.54 | 145.49 |
| Average of Peak Concentrations = | | | | | 380 | | |
| 27 Aroclor-1260 | | | | | CAS #: 11096-82-5 | | |
| 5.203 | 5.200 | 0.003 | 97341 | 548.510 | 360 | 80.00- 120.00 | 100.00(M) |

Data File: or173405.d
Report Date: 08-Jun-2011 17:38

| RT | EXP RT | DLT RT | RESPONSE | CONCENTRATIONS ON-COL ( ug/L) | FINAL (ug/kg) | TARGET RANGE | RATIO |
|---|---|---|---|---|---|---|---|
| 27 Aroclor-1260 (continued) | | | | | | | |
| 5.547 | 5.543 | 0.004 | 175667 | 558.104 | 370 | 141.42- 212.13 | 180.47 |
| 5.892 | 5.888 | 0.004 | 164531 | 558.867 | 370 | 136.05- 204.08 | 169.03 |
| 6.037 | 6.035 | 0.002 | 79685 | 549.362 | 370 | 61.58- 92.37 | 81.86 |
| 6.372 | 6.368 | 0.004 | 84889 | 539.889 | 360 | 68.90- 103.34 | 87.21 |
| 7.352 | 7.348 | 0.004 | 102618 | 545.583 | 360 | 86.69- 130.04 | 105.42 |
| 7.515 | 7.512 | 0.003 | 53852 | 534.061 | 360 | 46.13- 69.19 | 55.32 |
| 8.722 | 8.718 | 0.004 | 49452 | 519.942 | 350 | 45.01- 67.51 | 50.80 |
| Average of Peak Concentrations = | | | | | 360 | | |
| $ 30 Decachlorobiphenyl(surr) | | | | | CAS #: 2051-24-3 | | |
| 9.448 | 9.445 | 0.003 | 170691 | 54.2376 | 36 | 80.00- 120.00 | 100.00 |

QC Flag Legend

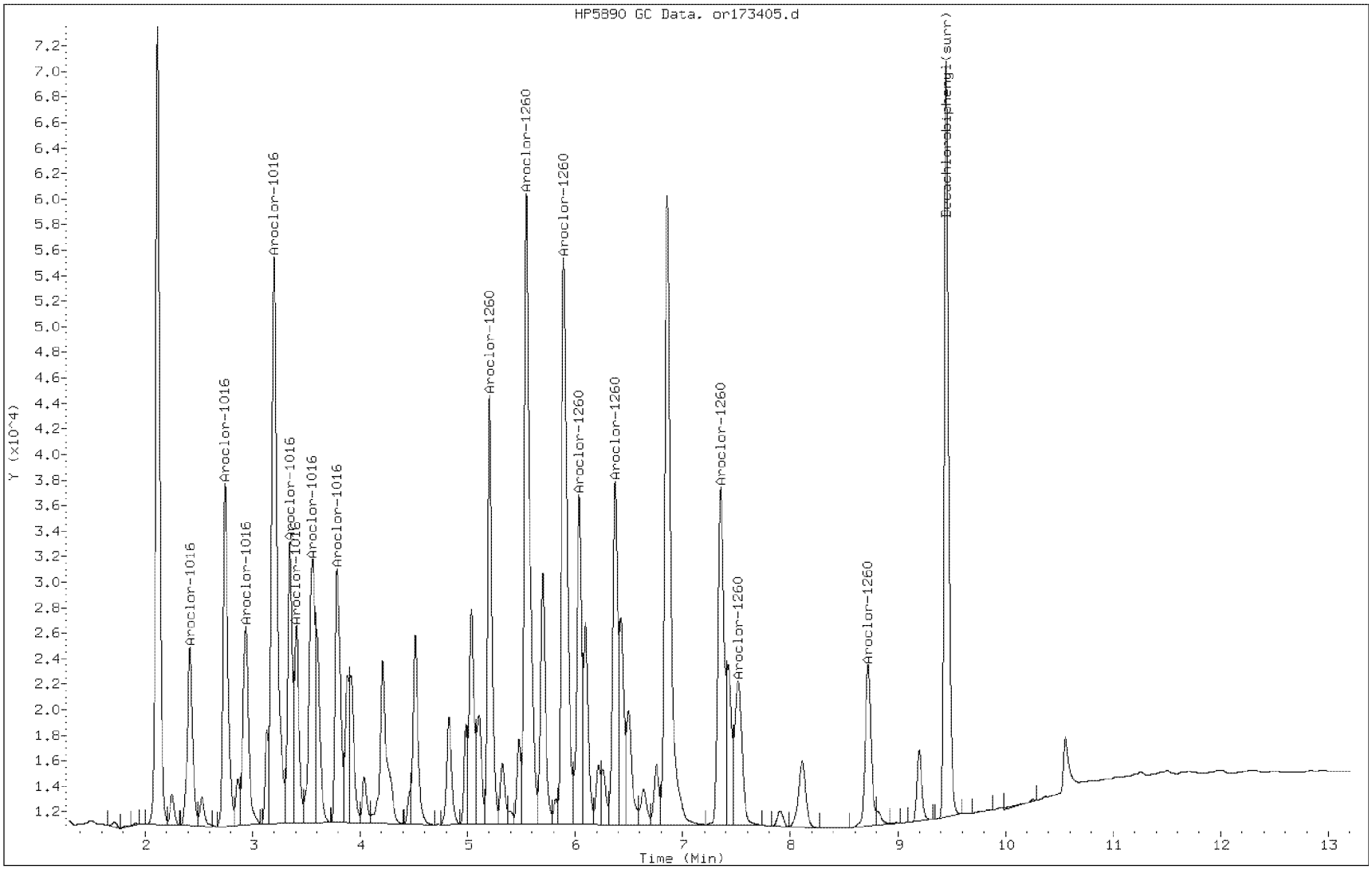
M - Compound response manually integrated.

Data File: or173405.d

Date: 08-JUN-2011 14:43

Client ID: Instrument: PESTGC7.i

Sample Info: 460-27126-a-1-e msd Operator: 462



Manual Integration Report

Data File: or173405.d
Inj. Date and Time: 08-JUN-2011 14:43
Instrument ID: PESTGC7.i
Client ID:
Compound: 21 Aroclor-1016
CAS #: 12674-11-2
Report Date: 06/08/2011

Processing Integration Results

Not Detected

Expected RT: 2.42

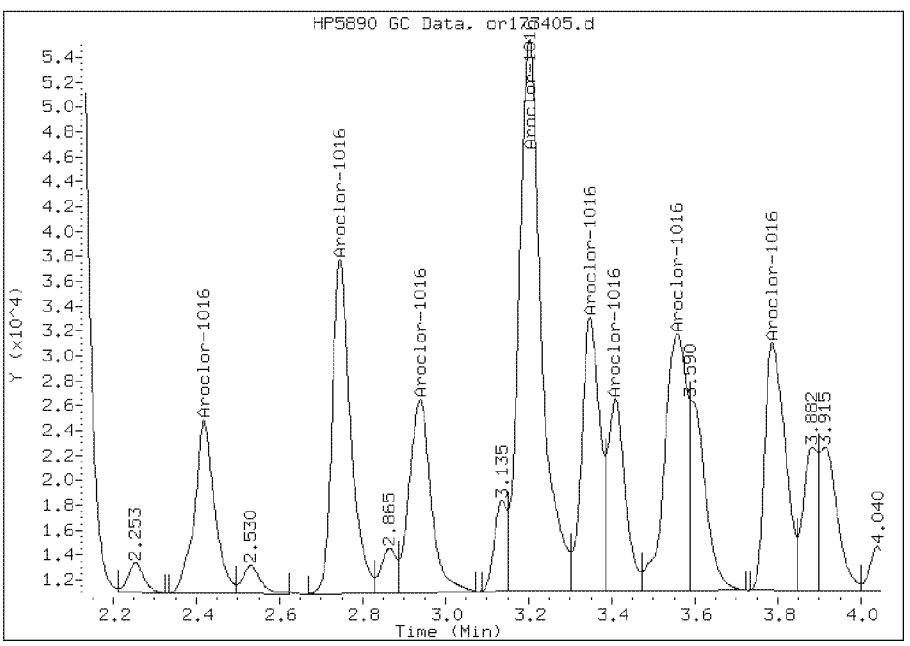
Manual Integration Results

RT: 2.42

Response: 46953

Amount: 578.84

Conc: 380.00




Manually Integrated By: Ex. 4 CBI
Manual Integration Reason: Baseline Event

Manual Integration Report

Data File: or173405.d
Inj. Date and Time: 08-JUN-2011 14:43
Instrument ID: PESTGC7.i
Client ID:
Compound: 27 Aroclor-1260
CAS #: 11096-82-5
Report Date: 06/08/2011

Processing Integration Results

Not Detected

Expected RT: 5.20

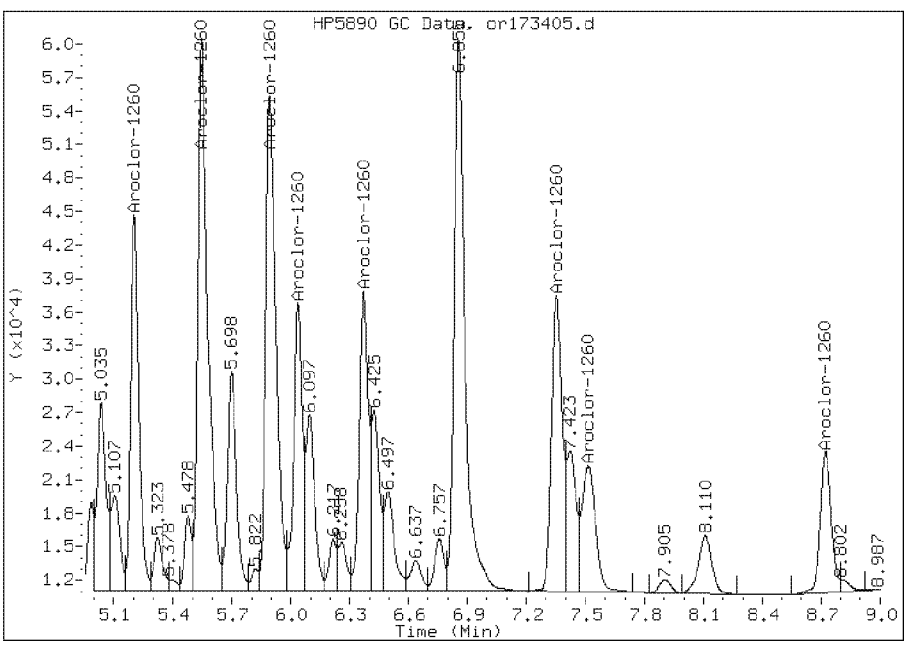
Manual Integration Results

RT: 5.20

Response: 97341

Amount: 544.29

Conc: 360.00




Manually Integrated By: Ex. 4 CBI
Manual Integration Reason: Baseline Event

GC SEMI VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Edison Job No.: 460-27128-1

SDG No.:

Instrument ID: PESTGC7 Start Date: 06/01/2011 21:58

Analysis Batch Number: 75405 End Date: 06/02/2011 02:19

| LAB SAMPLE ID | CLIENT SAMPLE ID | DATE ANALYZED | DILUTION FACTOR | LAB FILE ID | COLUMN ID |
|---|---|---|---|---|---|
| ZZZZZ | | 06/01/2011 21:58 | 1 | | CLP-2 0.53(mm) |
| ZZZZZ | | 06/01/2011 21:58 | 1 | | CLP-1 0.53(mm) |
| IC 460-75405/2 | | 06/01/2011 22:45 | 1 | of173240.d | CLP-2 0.53(mm) |
| IC 460-75405/2 | | 06/01/2011 22:45 | 1 | or173240.d | CLP-1 0.53(mm) |
| IC 460-75405/3 | | 06/01/2011 23:02 | 1 | of173241.d | CLP-2 0.53(mm) |
| IC 460-75405/3 | | 06/01/2011 23:02 | 1 | or173241.d | CLP-1 0.53(mm) |
| IC 460-75405/4 | | 06/01/2011 23:18 | 1 | of173242.d | CLP-2 0.53(mm) |
| IC 460-75405/4 | | 06/01/2011 23:18 | 1 | or173242.d | CLP-1 0.53(mm) |
| IC 460-75405/5 | | 06/01/2011 23:35 | 1 | of173243.d | CLP-2 0.53(mm) |
| IC 460-75405/5 | | 06/01/2011 23:35 | 1 | or173243.d | CLP-1 0.53(mm) |
| IC 460-75405/6 | | 06/01/2011 23:51 | 1 | of173244.d | CLP-2 0.53(mm) |
| IC 460-75405/6 | | 06/01/2011 23:51 | 1 | or173244.d | CLP-1 0.53(mm) |
| IC 460-75405/7 | | 06/02/2011 00:08 | 1 | of173245.d | CLP-2 0.53(mm) |
| IC 460-75405/7 | | 06/02/2011 00:08 | 1 | or173245.d | CLP-1 0.53(mm) |
| IC 460-75405/8 | | 06/02/2011 00:24 | 1 | of173246.d | CLP-2 0.53(mm) |
| IC 460-75405/8 | | 06/02/2011 00:24 | 1 | or173246.d | CLP-1 0.53(mm) |
| IC 460-75405/9 | | 06/02/2011 00:41 | 1 | of173247.d | CLP-2 0.53(mm) |
| IC 460-75405/9 | | 06/02/2011 00:41 | 1 | or173247.d | CLP-1 0.53(mm) |
| IC 460-75405/10 | | 06/02/2011 00:57 | 1 | of173248.d | CLP-2 0.53(mm) |
| IC 460-75405/10 | | 06/02/2011 00:57 | 1 | or173248.d | CLP-1 0.53(mm) |
| IC 460-75405/11 | | 06/02/2011 01:13 | 1 | of173249.d | CLP-2 0.53(mm) |
| IC 460-75405/11 | | 06/02/2011 01:13 | 1 | or173249.d | CLP-1 0.53(mm) |
| IC 460-75405/12 | | 06/02/2011 01:30 | 1 | | CLP-2 0.53(mm) |
| IC 460-75405/12 | | 06/02/2011 01:30 | 1 | | CLP-1 0.53(mm) |
| IC 460-75405/13 | | 06/02/2011 01:46 | 1 | | CLP-2 0.53(mm) |
| IC 460-75405/13 | | 06/02/2011 01:46 | 1 | | CLP-1 0.53(mm) |
| ZZZZZ | | 06/02/2011 02:02 | 1 | | CLP-2 0.53(mm) |
| ZZZZZ | | 06/02/2011 02:02 | 1 | | CLP-1 0.53(mm) |
| ZZZZZ | | 06/02/2011 02:19 | 1 | | CLP-2 0.53(mm) |
| ZZZZZ | | 06/02/2011 02:19 | 1 | | CLP-1 0.53(mm) |

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GC SEMI VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Edison Job No.: 460-27128-1

SDG No.:

Instrument ID: PESTGC7 Start Date: 06/08/2011 09:22

Analysis Batch Number: 76069 End Date: 06/08/2011 16:37

| LAB SAMPLE ID | CLIENT SAMPLE ID | DATE ANALYZED | DILUTION FACTOR | LAB FILE ID | COLUMN ID |
|---|---|---|---|---|---|
| ZZZZZ | | 06/08/2011 09:22 | 1 | | CLP-2 0.53(mm) |
| ZZZZZ | | 06/08/2011 09:22 | 1 | | CLP-1 0.53(mm) |
| CCVRT 460-76069/2 | | 06/08/2011 09:38 | 1 | | CLP-2 0.53(mm) |
| CCVRT 460-76069/2 | | 06/08/2011 09:38 | 1 | | CLP-1 0.53(mm) |
| ZZZZZ | | 06/08/2011 09:54 | 1 | | CLP-2 0.53(mm) |
| ZZZZZ | | 06/08/2011 09:54 | 1 | | CLP-1 0.53(mm) |
| ZZZZZ | | 06/08/2011 10:11 | 1 | | CLP-2 0.53(mm) |
| ZZZZZ | | 06/08/2011 10:11 | 1 | | CLP-1 0.53(mm) |
| ZZZZZ | | 06/08/2011 10:28 | 1 | | CLP-2 0.53(mm) |
| ZZZZZ | | 06/08/2011 10:28 | 1 | | CLP-1 0.53(mm) |
| ZZZZZ | | 06/08/2011 10:44 | 1 | | CLP-2 0.53(mm) |
| ZZZZZ | | 06/08/2011 10:44 | 1 | | CLP-1 0.53(mm) |
| ZZZZZ | | 06/08/2011 11:00 | 1 | | CLP-2 0.53(mm) |
| ZZZZZ | | 06/08/2011 11:00 | 1 | | CLP-1 0.53(mm) |
| ZZZZZ | | 06/08/2011 11:17 | 1 | | CLP-2 0.53(mm) |
| ZZZZZ | | 06/08/2011 11:17 | 1 | | CLP-1 0.53(mm) |
| ZZZZZ | | 06/08/2011 11:33 | 1 | | CLP-2 0.53(mm) |
| ZZZZZ | | 06/08/2011 11:33 | 1 | | CLP-1 0.53(mm) |
| ZZZZZ | | 06/08/2011 11:49 | 1 | | CLP-2 0.53(mm) |
| ZZZZZ | | 06/08/2011 11:49 | 1 | | CLP-1 0.53(mm) |
| ZZZZZ | | 06/08/2011 12:05 | 1 | | CLP-2 0.53(mm) |
| ZZZZZ | | 06/08/2011 12:05 | 1 | | CLP-1 0.53(mm) |
| ZZZZZ | | 06/08/2011 12:22 | 1 | | CLP-2 0.53(mm) |
| ZZZZZ | | 06/08/2011 12:22 | 1 | | CLP-1 0.53(mm) |
| ZZZZZ | | 06/08/2011 12:38 | 1 | | CLP-2 0.53(mm) |
| ZZZZZ | | 06/08/2011 12:38 | 1 | | CLP-1 0.53(mm) |
| ZZZZZ | | 06/08/2011 12:54 | 1 | | CLP-2 0.53(mm) |
| ZZZZZ | | 06/08/2011 12:54 | 1 | | CLP-1 0.53(mm) |
| PIBLK 460-76069/15 | | 06/08/2011 13:11 | 1 | | CLP-2 0.53(mm) |
| PIBLK 460-76069/15 | | 06/08/2011 13:11 | 1 | | CLP-1 0.53(mm) |
| PIBLK 460-76069/29 | | 06/08/2011 13:11 | 1 | of173400.d | CLP-2 0.53(mm) |
| PIBLK 460-76069/29 | | 06/08/2011 13:11 | 1 | or173400.d | CLP-1 0.53(mm) |
| CCV 460-76069/16 | | 06/08/2011 13:27 | 1 | | CLP-2 0.53(mm) |
| CCV 460-76069/16 | | 06/08/2011 13:27 | 1 | | CLP-1 0.53(mm) |
| CCVRT 460-76069/30 | | 06/08/2011 13:27 | 1 | of173401.d | CLP-2 0.53(mm) |
| CCVRT 460-76069/30 | | 06/08/2011 13:27 | 1 | or173401.d | CLP-1 0.53(mm) |
| MB 460-75841/1-A | | 06/08/2011 13:44 | 1 | of173402.d | CLP-2 0.53(mm) |
| MB 460-75841/1-A | | 06/08/2011 13:44 | 1 | or173402.d | CLP-1 0.53(mm) |
| LCS 460-75841/2-A | | 06/08/2011 14:00 | 1 | of173403.d | CLP-2 0.53(mm) |
| LCS 460-75841/2-A | | 06/08/2011 14:00 | 1 | or173403.d | CLP-1 0.53(mm) |
| 460-27126-A-1-D MS | | 06/08/2011 14:28 | 1 | of173404.d | CLP-2 0.53(mm) |
| 460-27126-A-1-D MS | | 06/08/2011 14:28 | 1 | or173404.d | CLP-1 0.53(mm) |
| 460-27126-A-1-E MSD | | 06/08/2011 14:43 | 1 | of173405.d | CLP-2 0.53(mm) |
| 460-27126-A-1-E MSD | | 06/08/2011 14:43 | 1 | or173405.d | CLP-1 0.53(mm) |
| ZZZZZ | | 06/08/2011 14:59 | 1 | | CLP-2 0.53(mm) |

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GC SEMI VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Edison Job No.: 460-27128-1

SDG No.:

Instrument ID: PESTGC7 Start Date: 06/08/2011 09:22

Analysis Batch Number: 76069 End Date: 06/08/2011 16:37

| LAB SAMPLE ID | CLIENT SAMPLE ID | DATE ANALYZED | DILUTION FACTOR | LAB FILE ID | COLUMN ID |
|---|---|---|---|---|---|
| ZZZZZ | | 06/08/2011 14:59 | 1 | | CLP-1 0.53(mm) |
| ZZZZZ | | 06/08/2011 15:16 | 1 | | CLP-2 0.53(mm) |
| ZZZZZ | | 06/08/2011 15:16 | 1 | | CLP-1 0.53(mm) |
| 460-27128-1 | PP-SB05 S | 06/08/2011 15:33 | 1 | of173408.d | CLP-2 0.53(mm) |
| 460-27128-1 | PP-SB05 S | 06/08/2011 15:33 | 1 | or173408.d | CLP-1 0.53(mm) |
| 460-27128-2 | PP-MW06 D | 06/08/2011 15:48 | 1 | of173409.d | CLP-2 0.53(mm) |
| 460-27128-2 | PP-MW06 D | 06/08/2011 15:48 | 1 | or173409.d | CLP-1 0.53(mm) |
| ZZZZZ | | 06/08/2011 16:04 | 1 | | CLP-2 0.53(mm) |
| ZZZZZ | | 06/08/2011 16:04 | 1 | | CLP-1 0.53(mm) |
| CCV 460-76069/28 | | 06/08/2011 16:37 | 1 | of173412.d | CLP-2 0.53(mm) |
| CCV 460-76069/28 | | 06/08/2011 16:37 | 1 | or173412.d | CLP-1 0.53(mm) |

8082

TESTAMERICA

ANALYTICAL INJECTION LOG SUMMARY

75405

Instrument ID: PESTGC7.i

Analytical Batch: /chem1/PESTGC7.i/8082/rear/Jun11/06-02-11ical/02jun11a.b

Date Generated: 06/02/2011

Page 1

| Date | Data File | ALS | Sample ID | LPB | Ext. Date | IV/ IW | FV | DIL FAC | SampleType | LOT | COMMENTS |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 06/01/11 1346 | or173230 | | SGPIBLK_00007 | 02jun11a | | 1 | 4 | 1 | INSTBLANK | | G-ND |
| 06/01/11 1402 | or173231 | | SG1660L3_00012 | 02jun11a | | 1 | 4 | 1 | SAMPLE | | not used |
| 06/01/11 2035 | or173232 | | hexane | 02jun11a | | 1 | 4 | 1 | SOLVENT | | - |
| 06/01/11 2052 | or173233 | | HEXANE | 02jun11a | | 1 | 4 | 1 | SOLVENT | | - |
| 06/01/11 2107 | or173234 | | HEXANE | 02jun11a | | 1 | 4 | 1 | SOLVENT | | - |
| 06/01/11 2124 | or173235 | | HEXANE | 02jun11a | | 1 | 4 | 1 | SOLVENT | | - |
| 06/01/11 2141 | or173236 | | HEXANE | 02jun11a | | 1 | 4 | 1 | SOLVENT | | - |
| 06/01/11 2158 | or173237 | | SGPIBLK_00007 | 02jun11a | | 1 | 4 | 1 | INSTBLANK | | G-ND |
| 06/01/11 2213 | or173238 | | SG1660L3_00012 | 02jun11a | | 1 | 4 | 1 | SAMPLE | | not used |
| 06/01/11 2229 | or173239 | | SG1660L1_00009 | 02jun11a | | 1 | 4 | 1 | SAMPLE | | not used |
| 06/01/11 2245 | or173240 | | SG1660L1_00009 | | | 0 | 0 | 1 | CALIB_1 | | G |
| 06/01/11 2302 | or173241 | | SG1660L2_00009 | | | 0 | 0 | 1 | CALIB_2 | | G |
| 06/01/11 2318 | or173242 | | SG1660L3_00012 | | | 0 | 0 | 1 | CALIB_3 | | G |
| 06/01/11 2335 | or173243 | | SG1660L4_00009 | | | 0 | 0 | 1 | CALIB_4 | | G |

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06/13/2011

Ex. 4 CBI

06/02/11

Ex. 4 CBI

6-2-11

TESTAMERICA

ANALYTICAL INJECTION LOG SUMMARY

75405

Instrument ID: PESTGC7.i

Analytical Batch: /chem1/PESTGC7.i/8082/rear/Jun11/06-02-11ical/02jun11a.b

Date Generated: 06/02/2011

Page 2

| Date | Data File | ALS | Sample ID | LPB | Ext. Date | IV/ IW | FV | DIL FAC | SampleType | LOT | COMMENTS |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 06/01/11 2351 | or173244 | | SG1660L5_00009 | | | 0 | 0 | 1 | CALIB_5 | | G |
| 06/02/11 0008 | or173245 | | SG1221L3_00012 | | | 0 | 0 | 1 | CALIB_3 | | G |
| 06/02/11 0024 | or173246 | | SG1232L3_00011 | | | 0 | 0 | 1 | CALIB_3 | | G |
| 06/02/11 0041 | or173247 | | SG1242L3_00010 | | | 0 | 0 | 1 | CALIB_3 | | G |
| 06/02/11 0057 | or173248 | | SG1248L3_00010 | | | 0 | 0 | 1 | CALIB_3 | | G |
| 06/02/11 0113 | or173249 | | SG1254L3_00010 | | | 0 | 0 | 1 | CALIB_3 | | G |
| 06/02/11 0130 | or173250 | | SG1262L3_00010 | | | 0 | 0 | 1 | CALIB_3 | | G |
| 06/02/11 0146 | or173251 | | SG1268L3_00011 | | | 0 | 0 | 1 | CALIB_3 | | G |
| 06/02/11 0202 | or173252 | | SGPCVICV_00004 | | | 1 | 4 | 1 | BS | | G |
| 06/02/11 0219 | or173253 | | SGPCBICV_00004 | | | 1 | 4 | 1 | BS | | G |
| 06/02/11 0236 | or173254 | | SGPIBLK_00007 | 02jun11a | | 1 | 4 | 1 | INSTBLANK | | G |
| 06/02/11 0252 | or173255 | | SG1660L3_00012 | 02jun11a | | 1 | 4 | 1 | SAMPLE | | G |

Signed: Ex. 4 CBI Read and Understood by: Ex. 4 CBI

Date: 06/02/11 Date: 6-2-11

TESTAMERICA

ANALYTICAL INJECTION LOG SUMMARY

76069

Instrument ID: PESTGC7.i

Analytical Batch: /chem1/PESTGC7.i/8082/rear/Jun11/06-08-11/08jun11b.b

Date Generated: 06/08/2011

Page 1

| Date | Data File | ALS | Sample ID | LPB | Ext. Date | IV/IW | FV | DIL FAC | SampleType | LOT | COMMENTS |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 06/08/11 0922 | or173386 | | SGPIBLK_00007 | 08jun11b | | 15 | 10 | 1 | INSTBLANK | | G |
| 06/08/11 0938 | or173387 | | CCVRTSG1660L3_00012 | | | 0 | 0 | 1 | CCALIB_3 | | G |
| 06/08/11 0954 | or173388 | | MB 460- 75861/A | 08jun11b | | 1 | 4 | 1 | BLANK | | G-ND |
| 06/08/11 1011 | or173389 | | LCS 460-75861/2-A | 08jun11b | | 1 | 4 | 1 | LCS | | G |
| 06/08/11 1028 | or173390 | | LCSD 460-75861/3-A | 08jun11b | | 1 | 4 | 1 | LCSD | | G |
| 06/08/11 1044 | or173391 | | 460-27173-N-1-B | 460-75861 | 06/07/11 | 980 | 5 | 1 | SAMPLE | | G-ND |
| 06/08/11 1100 | or173392 | | 460-27173-K-2-B | 460-75861 | 06/07/11 | 980 | 5 | 1 | SAMPLE | | G-ND |
| 06/08/11 1117 | or173393 | | 460-27173-J-3-B | 460-75861 | 06/07/11 | 980 | 5 | 1 | SAMPLE | | G-ND |
| 06/08/11 1133 | or173394 | | 460-27173-K-4-B | 460-75861 | 06/07/11 | 950 | 5 | 1 | SAMPLE | | G-ND |
| 06/08/11 1149 | or173395 | | 460-27173-O-5-B | 460-75861 | 06/07/11 | 980 | 5 | 1 | SAMPLE | | G-ND |
| 06/08/11 1205 | or173396 | | 460-27173-J-6-B | 460-75861 | 06/07/11 | 980 | 5 | 1 | SAMPLE | | G-ND |
| 06/08/11 1222 | or173397 | | 460-27173-M-7-B | 460-75861 | 06/07/11 | 980 | 5 | 1 | SAMPLE | | G-ND |
| 06/08/11 1238 | or173398 | | 460-27173-O-8-B | 460-75861 | 06/07/11 | 980 | 5 | 1 | SAMPLE | | G-ND |
| 06/08/11 1254 | or173399 | | 460-27173-K-9-B | 460-75861 | 06/07/11 | 980 | 5 | 1 | SAMPLE | | G-ND |

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06/13/2011

Ex. 4 CBI

06/08/11

Ex. 4 CBI

6-9-11

TESTAMERICA

ANALYTICAL INJECTION LOG SUMMARY

76069

Instrument ID: PESTGC7.i

Analytical Batch: /chem1/PESTGC7.i/8082/rear/Jun11/06-08-11/08jun11b.b

Date Generated: 06/08/2011

Page 2

| Date | Data File | ALS | Sample ID | LPB | Ext. Date | IV/IW | FV | DIL FAC | SampleType | LOT | COMMENTS |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 06/08/11 1311 | or173400 | | SGPIBLK_00007 | 08jun11b | | 15 | 10 | 1 | INSTBLANK | | G |
| 06/08/11 1327 | or173401 | | CCV SG1660L3_00012 | 08jun11b | | 15 | 10 | 1 | SAMPLE | | G |

Signed: Ex. 4 CBI

Date: 06/08/11

Read and Understood by: Ex. 4 CBI

Date: 6-9-11

TESTAMERICA

ANALYTICAL INJECTION LOG SUMMARY

76069

Instrument ID: PESTGC7.i

Analytical Batch: /chem1/PESTGC7.i/8082/rear/Jun11/06-08-11/08jun11c.b

Date Generated: 06/08/2011

Page 1

| Date | Data File | ALS | Sample ID | LPB | Ext. Date | IV/ IW | FV | DIL FAC | SampleType | LOT | COMMENTS |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 06/08/11 1311 | or173400 | | SGPIBLK_00007 | 08jun11b | | 15 | 10 | 1 | INSTBLANK | | G-ND |
| 06/08/11 1327 | or173401 | | CCVR SG1660L3_00012 | | | 0 | 0 | 1 | CCALIB_3 | | G |
| 06/08/11 1344 | or173402 | | mb 460-75841/1-a | 08jun11c | | 15 | 10 | 1 | BLANK | | G-ND |
| 06/08/11 1400 | or173403 | | lcs 460-75841/2-a | 08jun11c | | 15 | 10 | 1 | LCS | | C |
| 06/08/11 1428 | or173404 | | 460-27126-a-1-d ms | 08jun11c | | 15 | 10 | 1 | MS | | G |
| 06/08/11 1443 | or173405 | | 460-27126-a-1-e msd | 08jun11c | | 15 | 10 | 1 | MSD | | G |
| 06/08/11 1459 | or173406 | | 460-27126-a-1-f | 08jun11c | | 15 | 10 | 1 | SAMPLE | | G-ND |
| 06/08/11 1516 | or173407 | | 460-27126-a-2-b | 08jun11c | | 15 | 10 | 1 | SAMPLE | | G-ND |
| 06/08/11 1533 | or173408 | | 460-27128-a-1-b | 08jun11c | | 15 | 10 | 1 | SAMPLE | | G-ND |
| 06/08/11 1548 | or173409 | | 460-27128-a-2-b | 08jun11c | | 15 | 10 | 1 | SAMPLE | | G-ND |
| 06/08/11 1604 | or173410 | | 460-27130-a-1-b | 08jun11c | | 15 | 10 | 1 | SAMPLE | | G-ND |
| 06/08/11 1621 | or173411 | | SGPIBLK_00007 | 08jun11c | | 15 | 10 | 1 | INSTBLANK | | G-ND |
| 06/08/11 1637 | or173412 | | CCV SG1660L3_00012 | 08jun11c | | 15 | 10 | 1 | SAMPLE | | G |

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06/13/2011

Signed: Ex. 4 CBI 06/08/11 Read and Understood by: Ex. 4 CBI

Date: Date: 6-9-11

# GC SEMI VOA BATCH WORKSHEET

Lab Name: TestAmerica Edison  Job No.: 460-27128-1

SDG No.:

Batch Number: 75841  Batch Start Date: 06/07/11 06:04  Batch Analyst: Ex. 4 CBI

Batch Method: 3541  Batch End Date: 06/07/11 16:00

| Lab Sample ID | Client Sample ID | Method Chain | Basis | InitialAmount | FinalAmount | SoxThermPosition | OP_PCBSP 00016 | OPPSTPCBSU 00016 | |
|---|---|---|---|---|---|---|---|---|---|
| MB 460-75841/1 | | 3541, 8082 | | 15.00 g | 10 mL | 67 | | 50 uL | |
| LCS 460-75841/2 | | 3541, 8082 | | 15.00 g | 10 mL | 68 | 50 uL | 50 uL | |
| 460-27126-A-1 MS | | 3541, 8082 | T | 15.00 g | 10 mL | 69 | 50 uL | 50 uL | |
| 460-27126-A-1 MSD | | 3541, 8082 | T | 15.04 g | 10 mL | 70 | 50 uL | 50 uL | |
| 460-27128-A-1 | PP-SB05 S | 3541, 8082 | T | 15.00 g | 10 mL | 1 | | 50 uL | |
| 460-27128-A-2 | PP-MW06 D | 3541, 8082 | T | 15.01 g | 10 mL | 2 | | 50 uL | |

| Batch Notes | |
|---|---|
| Balance ID | 30 |
| Batch Comment | pcb-soil |
| Blank Soil Lot Number | j51636 |
| Boiling Chips ID | 10013 |
| Person's name who did the concentration | archie |
| First End time | 4pm |
| Vendor lot number | k18e44 |
| Na2SO4 Lot Number | j51636 |
| Person's name who did the prep | archie |
| Person's name who witnessed reagent drop | jose s |
| Solvent | hex./ace. mixed |
| SOP Number | 3541 |
| First Start time | 6:04am |
| TBA Lot # | op093 |

| Basis | Basis Description |
|---|---|
| T | Total/NA |

# GENERAL CHEMISTRY



ED_005024_00000712-00535

COVER PAGE
GENERAL CHEMISTRY

Lab Name: TestAmerica Edison Job Number: 460-27128-1

SDG No.:

Project: PRUCINO PLATING

| Client Sample ID | Lab Sample ID |
|---|---|
| PP-SB05 S | 460-27128-1 |
| PP-MW06 D | 460-27128-2 |

Comments:

1B-IN
INORGANIC ANALYSIS DATA SHEET
GENERAL CHEMISTRY

Client Sample ID: PP-SB05 S
Lab Sample ID: 460-27128-1
Lab Name: TestAmerica Edison
Job No.: 460-27128-1
SDG ID.:
Matrix: Solid
Date Sampled: 05/25/2011 10:29
Reporting Basis: DRY
Date Received: 06/01/2011 18:40
% Solids: 98.1

| CAS No. | Analyte | Result | RL | MDL | Units | C | Q | DIL | Method |
|---|---|---|---|---|---|---|---|---|---|
| 57-12-5 | Cyanide, Total | 0.51 | 0.51 | 0.11 | mg/Kg | U | | 1 | 9012A |

1B-IN
INORGANIC ANALYSIS DATA SHEET
GENERAL CHEMISTRY

Client Sample ID: PP-MW06 D
Lab Sample ID: 460-27128-2
Lab Name: TestAmerica Edison
Job No.: 460-27128-1
SDG ID.:
Matrix: Solid
Date Sampled: 05/25/2011 12:31
Reporting Basis: DRY
Date Received: 06/01/2011 18:40
% Solids: 93.1

| CAS No. | Analyte | Result | RL | MDL | Units | C | Q | DIL | Method |
|---|---|---|---|---|---|---|---|---|---|
| 57-12-5 | Cyanide, Total | 0.54 | 0.54 | 0.12 | mg/Kg | U | | 1 | 9012A |

2-IN
CALIBRATION QUALITY CONTROL
GENERAL CHEMISTRY

Lab Name: TestAmerica Edison  Job No.: 460-27128-1

SDG No.:

Analyst: HV  Batch Start Date: 06/06/2011

Reporting Units: mg/L  Analytical Batch No.: 75797

| Sample Number | QC Type | Time | Analyte | Result | Spike Amount | (%) Recovery | Limits | Qual | Reagent |
|---|---|---|---|---|---|---|---|---|---|
| 8 | ICV | 13:44 | Cyanide, Total | 0.198 | 0.200 | 99 | 90-110 | | WTcnIM3_00437 |
| 9 | CCB | 13:45 | Cyanide, Total | 0.010 | | | | U | |
| 10 | CCV | 13:46 | Cyanide, Total | 0.199 | 0.200 | 99 | 90-110 | | WTcnIM3_00437 |
| 18 | CCV | 13:55 | Cyanide, Total | 0.198 | 0.200 | 99 | 90-110 | | WTcnIM3_00437 |
| 19 | CCB | 13:57 | Cyanide, Total | 0.010 | | | | U | |
| 28 | CCV | 14:07 | Cyanide, Total | 0.198 | 0.200 | 99 | 90-110 | | WTcnIM3_00437 |
| 29 | CCB | 14:08 | Cyanide, Total | 0.010 | | | | U | |

Note! Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM II-IN

3-IN
METHOD BLANK
GENERAL CHEMISTRY

Lab Name: TestAmerica Edison Job No.: 460-27128-1

SDG No.:

| Method | Lab Sample ID | Analyte | Result | Qual | Units | RL | Dil |
|---|---|---|---|---|---|---|---|
| Batch ID: 75797 | Date: 06/06/2011 13:47 | | Prep Batch: 75754 | | Date: 06/06/2011 09:00 | | |
| 9012A | MB 460-75754/1-A | Cyanide, Total | 0.50 | U | mg/Kg | 0.50 | 1 |

FORM III-IN

5-IN
MATRIX SPIKE SAMPLE RECOVERY
GENERAL CHEMISTRY

Lab Name: TestAmerica Edison Job No.: 460-27128-1

SDG No.:

Matrix: Solid

| Method | Lab Sample ID | Analyte | Result | C | Unit | Spike Amount | Pct. Rec. | Limits | RPD | RPD Limit | Q |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Batch ID: 75797 | Date: 06/06/2011 13:51 | | Prep Batch: 75754 | | | Date: 06/06/2011 09:00 | | | | | |
| 9012A | 460-27126-A-1 -A | Cyanide, Total | 0.55 | U | mg/Kg | | | | | | |
| 9012A | 460-27126-A-1 -A MS | Cyanide, Total | 12.13 | | mg/Kg | 10.9 | 111 | 87-115 | | | |

Calculations are performed before rounding to avoid round-off errors in calculated results.
Note - Results and Reporting Limits have been adjusted for dry weight.

FORM V-IN

5-IN
MATRIX SPIKE DUPLICATE SAMPLE RECOVERY
GENERAL CHEMISTRY

Lab Name: TestAmerica Edison Job No.: 460-27128-1

SDG No.:

Matrix: Solid

| Method | Lab Sample ID | Analyte | Result | C | Unit | Spike Amount | Pct. Rec. | Limits | RPD | RPD Limit | Q |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Batch ID: 75797 | Date: 06/06/2011 13:52 | | Prep Batch: 75754 | | | Date: 06/06/2011 09:00 | | | | | |
| 9012A | 460-27126-A-1 -B MSD | Cyanide, Total | 12.13 | | mg/Kg | 10.9 | 111 | 87-115 | 0 | 10 | |

Calculations are performed before rounding to avoid round-off errors in calculated results.
Note - Results and Reporting Limits have been adjusted for dry weight.

FORM V-IN

7A-IN
LOW LEVEL CONTROL SAMPLE
GENERAL CHEMISTRY

Lab Name: TestAmerica Edison Job No.: 460-27128-1

SDG No.:

Matrix: Solid

| Method | Lab Sample ID | Analyte | Result | C | Unit | Spike Amount | Pct. Rec. | Limits | RPD | RPD Limit | Q |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Batch ID: 75797 | | Date: 06/06/2011 13:49 | Prep Batch: 75754 | | | Date: 06/06/2011 09:00 | | | | | |
| | | | | | | LCS Source: WTcnIM2_00562 | | | | | |
| 9012A | LLCS 460-75754/2-A | Cyanide, Total | 1.23 | | mg/Kg | 1.25 | 99 | 90-110 | | | |

Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM VIIA-IN

7A-IN
HIGH LEVEL CONTROL SAMPLE
GENERAL CHEMISTRY

Lab Name: TestAmerica Edison Job No.: 460-27128-1

SDG No.:

Matrix: Solid

| Method | Lab Sample ID | Analyte | Result | C | Unit | Spike Amount | Pct. Rec. | Limits | RPD | RPD Limit | Q |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Batch ID: 75797 | | Date: 06/06/2011 13:50 | Prep Batch: 75754 | | | Date: 06/06/2011 09:00 | | | | | |
| | | | | | | LCS Source: WTcnIM1_00386 | | | | | |
| 9012A | HLCS 460-75754/3-A | Cyanide, Total | 10.68 | | mg/Kg | 10.0 | 107 | 90-110 | | | |

Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM VIIA-IN

9-IN
DETECTION LIMITS
GENERAL CHEMISTRY

Lab Name: TestAmerica Edison Job Number: 460-27128-1

SDG Number:

Matrix: Solid Instrument ID: Lachat2

Method: 9012A MDL Date: 12/21/2008 21:24

Prep Method: 9012A

| Analyte | Wavelength/ Mass | RL (mg/Kg) | MDL (mg/Kg) |
|---|---|---|---|
| Cyanide, Total | | 0.5 | 0.111 |

9-IN
CALIBRATION BLANK DETECTION LIMITS
GENERAL CHEMISTRY

Lab Name: TestAmerica Edison Job Number: 460-27128-1

SDG Number:

Matrix: Solid Instrument ID: Lachat2

Method: 9012A XMDL Date: 12/21/2008 21:32

| Analyte | Wavelength/ Mass | XRL (mg/L) | XMDL (mg/L) |
|---|---|---|---|
| Cyanide, Total | | 0.01 | 0.0059 |

9-IN
DETECTION LIMITS
GENERAL CHEMISTRY

Lab Name: TestAmerica Edison Job Number: 460-27128-1

SDG Number:

Matrix: Solid Instrument ID: NOEQUIP

Method: Moisture RL Date: 02/15/2007 17:07

| Analyte | Wavelength/ Mass | RL (%) | |
|---|---|---|---|
| Percent Moisture | | 1 | |
| Percent Solids | | 1 | |

9-IN
CALIBRATION BLANK DETECTION LIMITS
GENERAL CHEMISTRY

Lab Name: TestAmerica Edison Job Number: 460-27128-1

SDG Number:

Matrix: Solid Instrument ID: NOEQUIP

Method: Moisture XRL Date: 01/01/2007 16:49

| Analyte | Wavelength/ Mass | XRL (%) | |
|---|---|---|---|
| Percent Moisture | | 1 | |
| Percent Solids | | 1 | |

12-IN
PREPARATION LOG
GENERAL CHEMISTRY

Lab Name: TestAmerica Edison Job No.: 460-27128-1

SDG No.:

Prep Method: 9012A

| Lab Sample ID | Preparation Date | Prep Batch | Initial Weight (g) | Initial Volume | Final Volume (mL) |
|---|---|---|---|---|---|
| MB 460-75754/1-A | 06/06/2011 09:00 | 75754 | 1.0 | | 50.0 |
| LLCS 460-75754/2-A | 06/06/2011 09:00 | 75754 | 1.0 | | 50.0 |
| HLCS 460-75754/3-A | 06/06/2011 09:00 | 75754 | 1.0 | | 50.0 |
| 460-27126-A-1-A MS | 06/06/2011 09:00 | 75754 | 1.0 | | 50.0 |
| 460-27126-A-1-B MSD | 06/06/2011 09:00 | 75754 | 1.0 | | 50.0 |
| 460-27128-1 | 06/06/2011 09:00 | 75754 | 1.0 | | 50.0 |
| 460-27128-2 | 06/06/2011 09:00 | 75754 | 1.0 | | 50.0 |

FORM XII-IN

13-IN
ANALYSIS RUN LOG
GENERAL CHEMISTRY

Lab Name: TestAmerica Edison Job No.: 460-27128-1

SDG No.:

Instrument ID: Lachat2 Method: 9012A

Start Date: 06/06/2011 13:35 End Date: 06/06/2011 14:08

| Lab Sample ID | D/F | Type | Time | Analytes | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | CN | | | | | | | | | | | | | | | | | | | |
| ZZZZZZ | | | 13:35 | | | | | | | | | | | | | | | | | | | | |
| ZZZZZZ | | | 13:36 | | | | | | | | | | | | | | | | | | | | |
| ZZZZZZ | | | 13:37 | | | | | | | | | | | | | | | | | | | | |
| ZZZZZZ | | | 13:38 | | | | | | | | | | | | | | | | | | | | |
| ZZZZZZ | | | 13:39 | | | | | | | | | | | | | | | | | | | | |
| ZZZZZZ | | | 13:41 | | | | | | | | | | | | | | | | | | | | |
| ZZZZZZ | | | 13:42 | | | | | | | | | | | | | | | | | | | | |
| ICV 460-75797/8 | 1 | | 13:44 | X | | | | | | | | | | | | | | | | | | | |
| CCB 460-75797/9 | 1 | | 13:45 | X | | | | | | | | | | | | | | | | | | | |
| CCV 460-75797/10 | 1 | | 13:46 | X | | | | | | | | | | | | | | | | | | | |
| MB 460-75754/1-A | 1 | T | 13:47 | X | | | | | | | | | | | | | | | | | | | |
| LLCS 460-75754/2-A | 1 | T | 13:49 | X | | | | | | | | | | | | | | | | | | | |
| HLCS 460-75754/3-A | 1 | T | 13:50 | X | | | | | | | | | | | | | | | | | | | |
| 460-27126-A-1-A MS | 1 | T | 13:51 | X | | | | | | | | | | | | | | | | | | | |
| 460-27126-A-1-B MSD | 1 | T | 13:52 | X | | | | | | | | | | | | | | | | | | | |
| ZZZZZZ | | | 13:53 | | | | | | | | | | | | | | | | | | | | |
| ZZZZZZ | | | 13:54 | | | | | | | | | | | | | | | | | | | | |
| CCV 460-75797/18 | 1 | | 13:55 | X | | | | | | | | | | | | | | | | | | | |
| CCB 460-75797/19 | 1 | | 13:57 | X | | | | | | | | | | | | | | | | | | | |
| 460-27128-1 | 1 | T | 13:58 | X | | | | | | | | | | | | | | | | | | | |
| 460-27128-2 | 1 | T | 13:59 | X | | | | | | | | | | | | | | | | | | | |
| ZZZZZZ | | | 14:00 | | | | | | | | | | | | | | | | | | | | |
| ZZZZZZ | | | 14:01 | | | | | | | | | | | | | | | | | | | | |
| ZZZZZZ | | | 14:02 | | | | | | | | | | | | | | | | | | | | |
| ZZZZZZ | | | 14:03 | | | | | | | | | | | | | | | | | | | | |
| ZZZZZZ | | | 14:04 | | | | | | | | | | | | | | | | | | | | |
| ZZZZZZ | | | 14:06 | | | | | | | | | | | | | | | | | | | | |
| CCV 460-75797/28 | 1 | | 14:07 | X | | | | | | | | | | | | | | | | | | | |
| CCB 460-75797/29 | 1 | | 14:08 | X | | | | | | | | | | | | | | | | | | | |

Prep Types

T = Total/NA

13-IN
ANALYSIS RUN LOG
GENERAL CHEMISTRY

Lab Name: TestAmerica Edison Job No.: 460-27128-1

SDG No.:

Instrument ID: NOEQUIP Method: Moisture

Start Date: 06/02/2011 19:27 End Date: 06/02/2011 23:36

| Lab Sample ID | D/F | Type | Time | Analytes | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | % Sol | Moist | | | | | | | | | | | | | | | | | | |
| ZZZZZZ | | | 19:27 | | | | | | | | | | | | | | | | | | | | |
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13-IN
ANALYSIS RUN LOG
GENERAL CHEMISTRY

Lab Name: TestAmerica Edison Job No.: 460-27128-1

SDG No.:

Instrument ID: NOEQUIP Method: Moisture

Start Date: 06/02/2011 19:27 End Date: 06/02/2011 23:36

| Lab Sample ID | D/F | Type | Time | Analytes | | | | | | | | | | | | | | | | | | | |
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| | | | | % Sol | Moist | | | | | | | | | | | | | | | | | | |
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13-IN
ANALYSIS RUN LOG
GENERAL CHEMISTRY

Lab Name: TestAmerica Edison Job No.: 460-27128-1

SDG No.:

Instrument ID: NOEQUIP Method: Moisture

Start Date: 06/02/2011 19:27 End Date: 06/02/2011 23:36

| Lab Sample ID | D/F | Type | Time | Analytes | | | | | | | | | | | | | | | | | | | |
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| | | | | % Sol | Moist | | | | | | | | | | | | | | | | | | |
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13-IN
ANALYSIS RUN LOG
GENERAL CHEMISTRY

Lab Name: TestAmerica Edison Job No.: 460-27128-1

SDG No.:

Instrument ID: NOEQUIP Method: Moisture

Start Date: 06/02/2011 19:27 End Date: 06/02/2011 23:36

| Lab Sample ID | D/F | Type | Time | Analytes | | | | | | | | | | | | | | | | | | | |
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| 460-27128-1 | 1 | T | 19:53 | X | X | | | | | | | | | | | | | | | | | | |
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13-IN
ANALYSIS RUN LOG
GENERAL CHEMISTRY

Lab Name: TestAmerica Edison Job No.: 460-27128-1

SDG No.:

Instrument ID: NOEQUIP Method: Moisture

Start Date: 06/02/2011 19:27 End Date: 06/02/2011 23:36

| Lab Sample ID | D/F | Type | Time | Analytes | | | | | | | | | | | | | | | | | | | |
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13-IN
ANALYSIS RUN LOG
GENERAL CHEMISTRY

Lab Name: TestAmerica Edison Job No.: 460-27128-1

SDG No.:

Instrument ID: NOEQUIP Method: Moisture

Start Date: 06/02/2011 19:27 End Date: 06/02/2011 23:36

| Lab Sample ID | D/F | Type | Time | Analytes | | | | | | | | | | | | | | | | | | | |
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13-IN
ANALYSIS RUN LOG
GENERAL CHEMISTRY

Lab Name: TestAmerica Edison Job No.: 460-27128-1

SDG No.:

Instrument ID: NOEQUIP Method: Moisture

Start Date: 06/02/2011 19:27 End Date: 06/02/2011 23:36

| Lab Sample ID | D/F | Type | Time | Analytes | | | | | | | | | | | | | | | | | | | |
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13-IN
ANALYSIS RUN LOG
GENERAL CHEMISTRY

Lab Name: TestAmerica Edison Job No.: 460-27128-1

SDG No.:

Instrument ID: NOEQUIP Method: Moisture

Start Date: 06/02/2011 19:27 End Date: 06/02/2011 23:36

| Lab Sample ID | D/F | Type | Time | Analytes | | | | | | | | | | | | | | | | | | | |
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| ZZZZZZ | | | 23:33 | | | | | | | | | | | | | | | | | | | | |
| ZZZZZZ | | | 23:33 | | | | | | | | | | | | | | | | | | | | |
| ZZZZZZ | | | 23:33 | | | | | | | | | | | | | | | | | | | | |
| ZZZZZZ | | | 23:33 | | | | | | | | | | | | | | | | | | | | |
| ZZZZZZ | | | 23:33 | | | | | | | | | | | | | | | | | | | | |
| ZZZZZZ | | | 23:33 | | | | | | | | | | | | | | | | | | | | |
| ZZZZZZ | | | 23:33 | | | | | | | | | | | | | | | | | | | | |
| ZZZZZZ | | | 23:36 | | | | | | | | | | | | | | | | | | | | |
| ZZZZZZ | | | 23:36 | | | | | | | | | | | | | | | | | | | | |
| ZZZZZZ | | | 23:36 | | | | | | | | | | | | | | | | | | | | |

13-IN
ANALYSIS RUN LOG
GENERAL CHEMISTRY

Lab Name: TestAmerica Edison Job No.: 460-27128-1

SDG No.:

Instrument ID: NOEQUIP Method: Moisture

Start Date: 06/02/2011 19:27 End Date: 06/02/2011 23:36

| Lab Sample ID | D/F | Type | Time | Analytes | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | % Sol | Moist | | | | | | | | | | | | | | | | | | |
| ZZZZZZ | | | 23:36 | | | | | | | | | | | | | | | | | | | | |
| ZZZZZZ | | | 23:36 | | | | | | | | | | | | | | | | | | | | |
| ZZZZZZ | | | 23:36 | | | | | | | | | | | | | | | | | | | | |

Prep Types

T = Total/NA



ED_005024_00000712-00559

OPERATOR: huan
ACQ. TIME: Jun 6, 2011 13:35:19
DATA FILENAME: C:\OMNION\DATA\CYANIDE\2011DA~1\C110606.FDT
METHOD FILENAME:
TRAY FILENAME:

TRAY DESCRIPTION:
Created: May 5, 2009 16:41:20
Modified: Jun 6, 2011 13:21:35
cyanide
DATA DESCRIPTION:
Created: Jun 6, 2011 13:35:19
Modified: Jun 6, 2011 13:35:19

Method - Ch. 1 (cyanide)

METHOD DESCRIPTION:
Created: Feb 8, 2007 12:27:16
Modified: Jun 3, 2011 11:59:34
cyanide

ANALYTE DATA:
Analyte Name: cyanide
Concentration Units: mg/l
Chemistry: Direct
Inject to Peak Start (s): 24.0
Peak Base Width (s): 33.472
% Width Tolerance: 100.000
Threshold: 25000.000
Autodilution Trigger: Off
QuikChem Method: 10-204-00-1-a

CALIBRATION DATA:
Levels:
1 : 0.000 2 : 0.010 3 : 0.025 4 : 0.050
5 : 0.100 6 : 0.200 7 : 0.400
Calibration Rep Handling: Average
Calibration Fit Type: 1st Order Poly
Force Though Zero: No
Weighting Method: 1/X
Concentration Scaling: None

SAMPLER TIMING:
Method Cycle Period: 70.0
Min. Probe in Wash Period: 14.0
Probe in Sample Period: 20.0

*** Prep Sequence Not Enabled ***

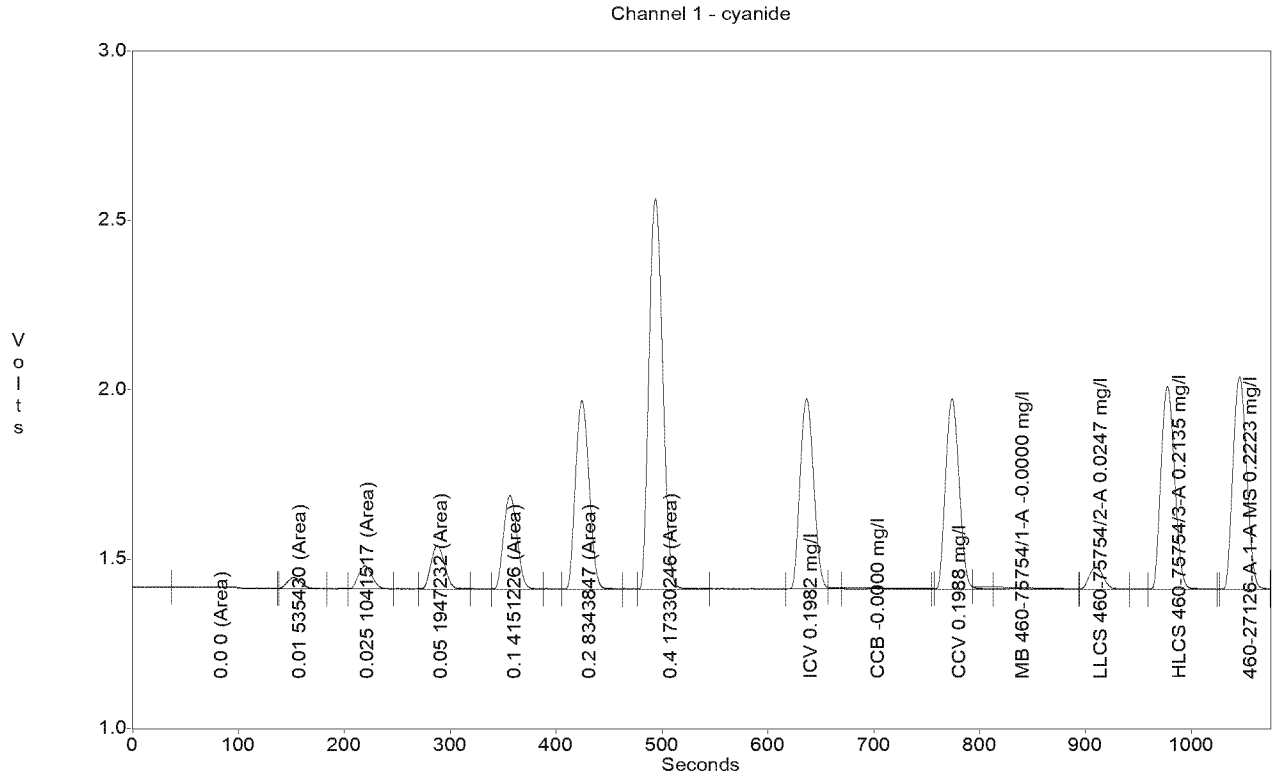
VALVE TIMING:
Method Cycle Period: 70.0
Sample Reaches 1st Valve: 30.0
Valve: On
Load Time: 0.0
Load Period: 15.0
Inject Period: 55.0

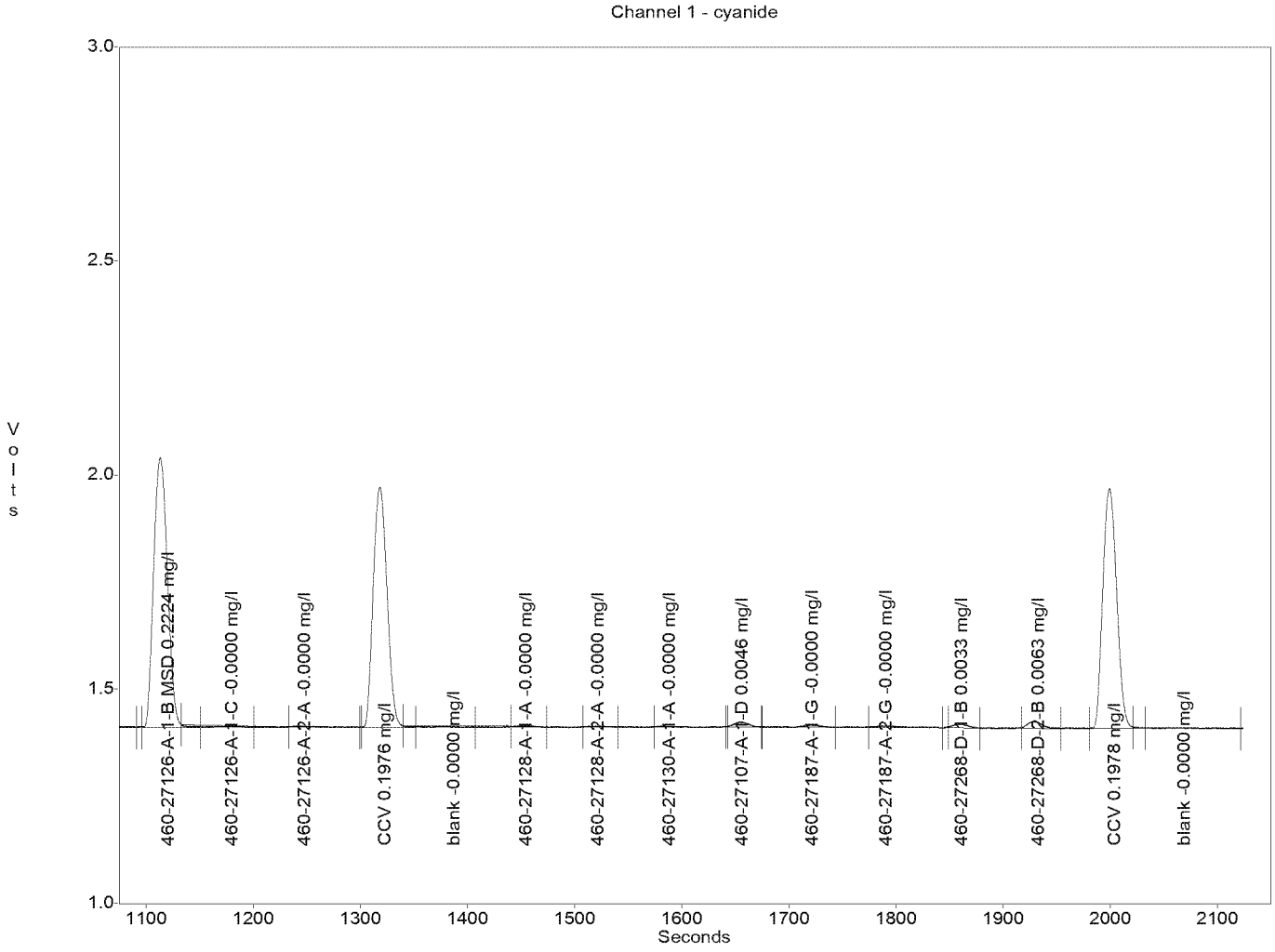
Multi-Channel Table
Type: Calibration Standards
Channel Range: 1 to 8 -- Cup Range: 1 to 50

| Cup | Sample ID | Sampling Date | Sampling Time | # of Reps | cyanide (uv-s) | Man Dil Factor | Auto Dil Factor | Weight | Unit |
|---|---|---|---|---|---|---|---|---|---|
| 1 | 0.0 | 06 Jun 2011 | 13:35:20 | 1 | 0.00 | 1.0 | 1.00 | 1.00000 | g |
| 2 | 0.01 | 06 Jun 2011 | 13:36:28 | 1 | 535430.00 | 1.0 | 1.00 | 1.00000 | g |
| 3 | 0.025 | 06 Jun 2011 | 13:37:35 | 1 | 1041517.00 | 1.0 | 1.00 | 1.00000 | g |
| 4 | 0.05 | 06 Jun 2011 | 13:38:43 | 1 | 1947232.00 | 1.0 | 1.00 | 1.00000 | g |
| 5 | 0.1 | 06 Jun 2011 | 13:39:52 | 1 | 4151226.00 | 1.0 | 1.00 | 1.00000 | g |
| 6 | 0.2 | 06 Jun 2011 | 13:41:00 | 1 | 8343847.00 | 1.0 | 1.00 | 1.00000 | g |
| 7 | 0.4 | 06 Jun 2011 | 13:42:09 | 1 | 17330246.00 | 1.0 | 1.00 | 1.00000 | g |

Multi-Channel Table
Type: Unknowns
Channel Range: 1 to 8 -- Cup Range: 1 to 50

| Cup | Sample ID | Sampling Date | Sampling Time | # of Reps | cyanide (mg/l) | Man Dil Factor | Auto Dil Factor | Weight | Unit |
|---|---|---|---|---|---|---|---|---|---|
| 1 | ICV | 06 Jun 2011 | 13:44:32 | 1 | 0.1982 | 1.0 | 1.00 | 1.00000 | g |
| 2 | CCB | 06 Jun 2011 | 13:45:41 | 1 | -0.0000 | 1.0 | 1.00 | 1.00000 | g |
| 3 | CCV | 06 Jun 2011 | 13:46:50 | 1 | 0.1988 | 1.0 | 1.00 | 1.00000 | g |
| 4 | MB 460-75754/1-A | 06 Jun 2011 | 13:47:57 | 1 | -0.0000 | 1.0 | 1.00 | 1.00000 | g |
| 5 | LLCS 460-75754/2-A | 06 Jun 2011 | 13:49:05 | 1 | 0.0247 | 1.0 | 1.00 | 1.00000 | g |
| 6 | HLCS 460-75754/3-A | 06 Jun 2011 | 13:50:13 | 1 | 0.2135 | 1.0 | 1.00 | 1.00000 | g |
| 7 | 460-27126-A-1-A MS | 06 Jun 2011 | 13:51:21 | 1 | 0.2223 | 1.0 | 1.00 | 1.00000 | g |
| 8 | 460-27126-A-1-B MSD | 06 Jun 2011 | 13:52:28 | 1 | 0.2224 | 1.0 | 1.00 | 1.00000 | g |
| 9 | 460-27126-A-1-C | 06 Jun 2011 | 13:53:36 | 1 | -0.0000 | 1.0 | 1.00 | 1.00000 | g |
| 10 | 460-27126-A-2-A | 06 Jun 2011 | 13:54:44 | 1 | -0.0000 | 1.0 | 1.00 | 1.00000 | g |
| 11 | 460-27128-A-1-A | 06 Jun 2011 | 13:58:11 | 1 | -0.0000 | 1.0 | 1.00 | 1.00000 | g |
| 12 | 460-27128-A-2-A | 06 Jun 2011 | 13:59:18 | 1 | -0.0000 | 1.0 | 1.00 | 1.00000 | g |
| 13 | 460-27130-A-1-A | 06 Jun 2011 | 14:00:24 | 1 | -0.0000 | 1.0 | 1.00 | 1.00000 | g |
| 14 | 460-27107-A-1-D | 06 Jun 2011 | 14:01:31 | 1 | 0.0046 | 1.0 | 1.00 | 1.00000 | g |
| 15 | 460-27187-A-1-G | 06 Jun 2011 | 14:02:38 | 1 | -0.0000 | 1.0 | 1.00 | 1.00000 | g |
| 16 | 460-27187-A-2-G | 06 Jun 2011 | 14:03:47 | 1 | -0.0000 | 1.0 | 1.00 | 1.00000 | g |
| 17 | 460-27268-D-1-B | 06 Jun 2011 | 14:04:56 | 1 | 0.0033 | 1.0 | 1.00 | 1.00000 | g |
| 18 | 460-27268-D-2-B | 06 Jun 2011 | 14:06:04 | 1 | 0.0063 | 1.0 | 1.00 | 1.00000 | g |


Channel 1 - cyanide
Volts
Seconds
0.0 0 (Area)
0.01 5354230 (Area)
0.025 10415517 (Area)
0.05 19472232 (Area)
0.1 41512226 (Area)
0.2 83438472 (Area)
0.4 173302462 (Area)
ICV 0.1982 mg/l
CCB -0.0000 mg/l
CCV 0.1988 mg/l
MB 460-75754/1-A -0.0000 mg/l
LLCS 460-75754/2-A 0.0247 mg/l
HLCS 460-75754/3-A 0.2135 mg/l
460-27126-A-1-A MS 0.2223 mg/l


Channel 1 - cyanide
Volts
Seconds
460-27126-A-1-B MSD 0.2224 mg/l
460-27126-A-1-C -0.0000 mg/l
460-27126-A-2-A -0.0000 mg/l
CCV 0.1976 mg/l
blank -0.0000 mg/l
460-27128-A-1-A -0.0000 mg/l
460-27128-A-2-A -0.0000 mg/l
460-27130-A-1-A -0.0000 mg/l
460-27107-A-1-D 0.0046 mg/l
460-27187-A-1-G -0.0000 mg/l
460-27187-A-2-G -0.0000 mg/l
460-27268-D-1-B 0.0033 mg/l
460-27268-D-2-B 0.0063 mg/l
CCV 0.1978 mg/l
blank -0.0000 mg/l

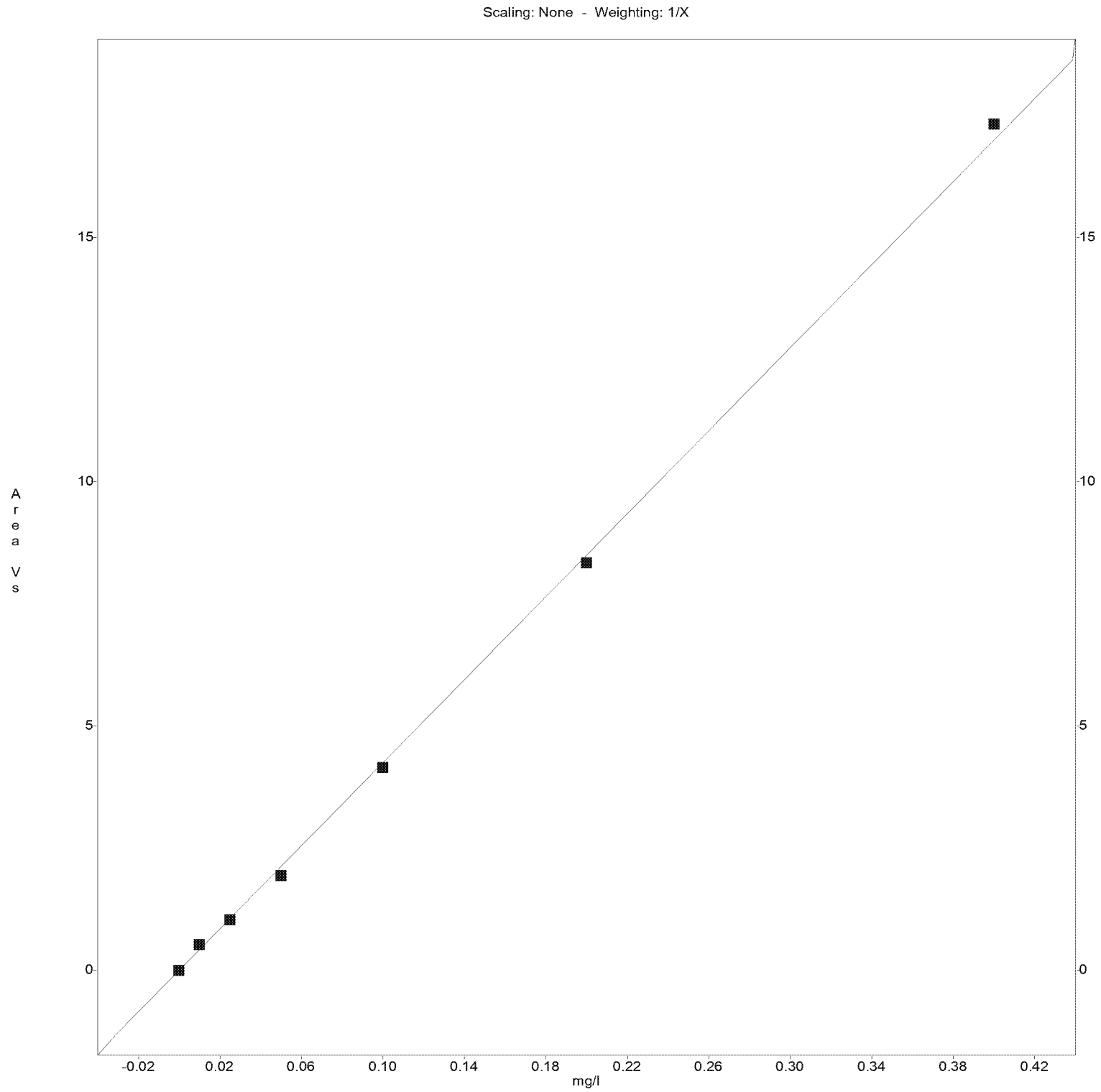
Multi-Channel Table
Type: DQM
Channel Range: 1 to 8 -- Cup Range: 1 to 50

| Cup | Sample ID | Sample Type | Sampling Date | Sampling Time | Rep # | cyanide (mg/l) | Man Dil Factor | Auto Dil Factor | Weight | Unit |
|---|---|---|---|---|---|---|---|---|---|---|
| 15 | CCV | RelChkStd | 06 Jun 2011 | 13:55:53 | 1 | 0.1976 | 1.0 | 1.00 | 1.00000 | g |
| | | | | Known Concentration: | | 0.2000 | | | | |
| | | | | % Difference: | | -1.1847 | | | | |
| 15 | CCV | RelChkStd | 06 Jun 2011 | 14:07:14 | 1 | 0.1978 | 1.0 | 1.00 | 1.00000 | g |
| | | | | Known Concentration: | | 0.2000 | | | | |
| | | | | % Difference: | | -1.0967 | | | | |
| 16 | blank | Blank | 06 Jun 2011 | 13:57:04 | 1 | -0.0000 | 1.0 | 1.00 | 1.00000 | g |
| 16 | blank | Blank | 06 Jun 2011 | 14:08:25 | 1 | -0.0000 | 1.0 | 1.00 | 1.00000 | g |

# cyanide

| Lvl | Area | mg/l | Rep 1 | Rep 2 | Rep 3 | Rep 4 | Rep 5 | Replic STD | Replic % RSD | Residual 1st Poly |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 0 | 0.000 | 0 | | | | | 0.0 | 0.0 | |
| 2 | 535430 | 0.010 | 535430 | | | | | 0.0 | 0.0 | -26.0 |
| 3 | 1041517 | 0.025 | 1041517 | | | | | 0.0 | 0.0 | 1.9 |
| 4 | 1947232 | 0.050 | 1947232 | | | | | 0.0 | 0.0 | 8.3 |
| 5 | 4151226 | 0.100 | 4151226 | | | | | 0.0 | 0.0 | 2.3 |
| 6 | 8343847 | 0.200 | 8343847 | | | | | 0.0 | 0.0 | 1.8 |
| 7 | 17330246 | 0.400 | 17330246 | | | | | 0.0 | 0.0 | -2.0 |

**1st Order Poly**
**Conc = 2.354e-008 Area - 1.734e-009**
**r = 0.9996**



GENERAL CHEMISTRY BATCH WORKSHEET

Lab Name: TestAmerica Edison Job No.: 460-27128-1

SDG No.:

Batch Number: 75754 Batch Start Date: 06/06/11 09:00 Batch Analyst: Ex. 4 CBI

Batch Method: 9012A Batch End Date: 06/06/11 10:50

| Lab Sample ID | Client Sample ID | Method Chain | Basis | InitialAmount | FinalAmount | WTcnIM1 00386 | WTcnIM2 00562 | | |
|---|---|---|---|---|---|---|---|---|---|
| MB 460-75754/1 | | 9012A, 9012A | | 1.0 g | 50.0 mL | | | | |
| LLCS 460-75754/2 | | 9012A, 9012A | | 1.0 g | 50.0 mL | | 0.25 mL | | |
| HLCS 460-75754/3 | | 9012A, 9012A | | 1.0 g | 50.0 mL | 1 mL | | | |
| 460-27126-A-1 MS | | 9012A, 9012A | T | 1.0 g | 50.0 mL | 1 mL | | | |
| 460-27126-A-1 MSD | | 9012A, 9012A | T | 1.0 g | 50.0 mL | 1 mL | | | |
| 460-27128-A-1 | PP-SB05 S | 9012A, 9012A | T | 1.0 g | 50.0 mL | | | | |
| 460-27128-A-2 | PP-MW06 D | 9012A, 9012A | T | 1.0 g | 50.0 mL | | | | |

| Batch Notes | |
|---|---|
| Distillation Temperature | 125 Degrees C |
| Magnesium Chloride Lot Number | ALFA Aesar/K13R006 |
| Sodium Hydroxide Reagent ID Number | # C - 7136-11 exp. 11/27/11 |
| Sulfamic Acid Reagent ID Number | # C - 7137-11 exp. 11/27-11 |
| Sulfuric Acid Reagent ID Number | # C - 7138-11 exp. 11/27/11 |

| Basis | Basis Description |
|---|---|
| T | Total/NA |

GENERAL CHEMISTRY BATCH WORKSHEET

Lab Name: TestAmerica Edison  Job No.: 460-27128-1

SDG No.:

Batch Number: 75797  Batch Start Date: 06/06/11 13:35  Batch Analyst: Ex. 4 CBI

Batch Method: 9012A  Batch End Date: 06/06/11 15:59

| Lab Sample ID | Client Sample ID | Method Chain | Basis | FinalAmount | WTcnIM3 00437 | | | | |
|---|---|---|---|---|---|---|---|---|---|
| ICV 460-75797/8 | | 9012A | | 100 mL | 2 mL | | | | |
| CCV 460-75797/10 | | 9012A | | 100 mL | 2 mL | | | | |
| CCV 460-75797/18 | | 9012A | | 100 mL | 2 mL | | | | |
| CCV 460-75797/28 | | 9012A | | 100 mL | 2 mL | | | | |

| Batch Notes | |
|---|---|
| Batch Comment | A(49665-49671)-11 CAL exp;06/06/11 |
| Buffer Reagent ID Number | C-7142-11 exp:06/27/11 |
| Chloramine-T Reagent ID Number | C-7164-11 exp;06/06/11 |
| NaOH Lot # | C-7150-11 exp:11/30/11 |
| Pyridine-Barbituric Acid Reagent ID | C-7156-11 exp;06/09/11 |

| Basis | Basis Description |
|---|---|
| | |

GENERAL CHEMISTRY BATCH WORKSHEET

Lab Name: TestAmerica Edison Job No.: 460-27128-1

SDG No.:

Batch Number: 75504 Batch Start Date: 06/02/11 19:27 Batch Analyst: Ex. 4 CBI

Batch Method: Moisture Batch End Date:

| Lab Sample ID | Client Sample ID | Method Chain | Basis | DISH# | DishWeight | SampleMassWet | SampleMassDry | | |
|---|---|---|---|---|---|---|---|---|---|
| 460-27111-A-26 DU | | Moisture | T | 259 | 1.01 g | 6.84 g | 5.63 g | | |
| 460-27128-A-1 | PP-SB05 S | Moisture | T | 270 | 1.01 g | 7.74 g | 7.61 g | | |
| 460-27128-A-2 | PP-MW06 D | Moisture | T | 271 | 1.01 g | 6.84 g | 6.44 g | | |

| Batch Notes | |
|---|---|
| Balance ID | 104 No Unit |
| Date samples were place in the oven | 6/2/11 |
| Oven Temp when samples are put in oven | Oven 1 105, Oven 2 104 Degrees C |
| Time samples were place in the oven | 20:00 |
| Date samples were removed from oven | 06/03/2011 |
| Oven Temp when samples removed from oven | Oven #1 105°C /Oven #2 102°C Degrees C |
| Time Samples were removed from oven | 13:00 |
| Oven ID | Oven 1, Oven 2 |
| ID number of the thermometer | Oven 1 1839, Oven 2 1840 |

| Basis | Basis Description |
|---|---|
| T | Total/NA |

# Shipping and Receiving Documents

5 DAY RUSH

777 New Durham Road
Edison, New Jersey 08817
Phone: (732) 549-3900 Fax: (732) 549-3679

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

# CHAIN OF CUSTODY / ANALYSIS REQUEST

Page 1 of 1

| | | |
|---|---|---|
| Name ( for report and invoice ) BOB SCHULTE | Samplers Name ( Printed ) DNREC-SIRS | Site/Project Identification PRUCINO PLATING (DE-0344) |
| Company DNREC-SIRS | P. O. # | State (Location of site): NJ: ☐ NY: ☐ Other: |
| | | Regulatory Program: |
| Address 391 LUKENS DR | Analysis Turnaround Time: Standard ☐ | LAB USE ONLY Project No: |
| City NEWCASTLE State DE | Rush Chrages Authorized For: 2 Week ☐ 1 Week ☐ Other ☐ | Job No: 27128 |
| Phone 302-395-2600 Fax 302-395-2601 | | |

ANALYSIS REQUESTED (ENTER "X" BELOW TO INDICATE REQUEST)

| Sample Identification | Date | Time | Matrix | No. of. Cont. | PEST/PCB/CN | | Sample Numbers |
|---|---|---|---|---|---|---|---|
| PP-MW04S | 5-25-11 | 0917 | SOIL | 1 | X | — | |
| PP-MW04D | ↓ | 0922 | ↓ | ↓ | ↓ | — | |
| PP-SB05S | ↓ | 1029 | ↓ | ↓ | ↓ | ANALYZE | 1 |
| PP-SB05D | ↓ | 1042 | ↓ | ↓ | ↓ | — | |
| PP-MW05S | ↓ | 1100 | ↓ | ↓ | ↓ | — | |
| PP-MW05D | ↓ | 1109 | ↓ | ↓ | ↓ | — | |
| PP-SB06S | ↓ | 1330 | ↓ | ↓ | ↓ | — | |
| PP-SB06D | ↓ | 1336 | ↓ | ↓ | ↓ | — | |
| PP-MW06S | ↓ | 1225 | ↓ | ↓ | ↓ | — | |
| PP-MW06D | ↓ | 1231 | ↓ | ↓ | ↓ | ANALYZE | 2 |

Preservation Used: 1 = ICE, 2 = HCl, 3 = $H_2SO_4$, 4 = $HNO_3$, 5 = NaOH, 6 = Other _____, 7 = Other _____

Soil: 10
Water:

Special Instructions — NOT IN COOLER

Water Metals Filtered (Yes/No)? _____

| Relinquished by | Company | Date / Time | Received by | Company |
|---|---|---|---|---|
| [signature] | DNREC-SIRS | 6/1/11 9:20 | Ex. 4 CBI | [signature] |
| Ex. 4 CBI | [signature] | 6/1 | 2) Ex. 4 CBI | TEST AMERICA |
| 3) Ex. 4 CBI | TEST AMERICA | 6-1-11 1840 | 3) Ex. 4 CBI | |
| 4) | | | 4) | |

Laboratory Certifications: New Jersey (12028), New York (11452), Pennsylvania (68-522), Connecticut (PH-0200), Rhode Island (132), Massachusetts (M-NJ312), North Carolina (No. 578)

TAL - 0016 (0408)

1.8°C 1 R#10

06/13/2011

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ED_005024_00000712-00570

# Login Sample Receipt Checklist

Client: State of Delaware

Job Number: 460-27128-1

**Login Number: 27128**

**List Source: TestAmerica Edison**

**List Number: 1**

**Creator:** Ex. 4 CBI

| Question | Answer | Comment |
|---|---|---|
| Radioactivity either was not measured or, if measured, is at or below background | N/A | |
| The cooler's custody seal, if present, is intact. | N/A | not received |
| The cooler or samples do not appear to have been compromised or tampered with. | True | |
| Samples were received on ice. | True | |
| Cooler Temperature is acceptable. | True | |
| Cooler Temperature is recorded. | True | 1.8° C IR 50 |
| COC is present. | True | |
| COC is filled out in ink and legible. | True | |
| COC is filled out with all pertinent information. | True | |
| Is the Field Sampler's name present on COC? | True | |
| There are no discrepancies between the sample IDs on the containers and the COC. | True | |
| Samples are received within Holding Time. | True | |
| Sample containers have legible labels. | True | |
| Containers are not broken or leaking. | True | |
| Sample collection date/times are provided. | True | |
| Appropriate sample containers are used. | True | |
| Sample bottles are completely filled. | True | |
| Sample Preservation Verified. | True | |
| There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs | True | |
| VOA sample vials do not have headspace or bubble is <6mm (1/4") in diameter. | True | |
| Multiphasic samples are not present. | True | |
| Samples do not require splitting or compositing. | N/A | |
| Residual Chlorine Checked. | N/A | |